

A/A DC INVERTER U-MATCH AIR CONDITIONERS

(GC2011112-I)

TECHNICAL SALES GUIDE-50Hz
CAPACITY RANGE:2.7~17kW
SUPER HIGH AMBIENT OPERATION TO 48 °C



R410A



GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI

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1 MODELS LIST

➔ 1.1 Outdoor Unit

Model	Power supply	Appearance
	(V, Ph, Hz)	
GUHD09NK3CO/GUHD12NK3CO	220-240V~ 50Hz	
GUHD09NK3C1O/GUHD12NK3C1O	220-240V~ 50Hz	
GUHD18NK3CO/GUHD18NK3C1O	220-240V~ 50Hz	
GUHD24NK3CO/GUHD24NK3C1O	220-240V~ 50Hz	
GUHD30NK3CO/GUHD30NK3C1O	220-240 V~ 50Hz	
GUHD36NK3CO/GUHD36NK3C1O	220-240V~ 50Hz	
GUHD42NK3CO/GUHD42NK3C1O	220-240V~ 50Hz	
GUHD36NM3CO/GUHD36NM3C1O	380-415V 3N~50Hz	
GUHD42NM3CO/GUHD42NM3C1O	380-415V 3N~50Hz	
GUHD48NK3CO/GUHD48NK3C1O	220-240V~ 50Hz	
GUHD48NM3CO/GUHD48NM3C1O	380-415V 3N~ 50Hz	
GUHD60NM3CO/GUHD60NM3C1O	380-415V 3N~ 50Hz	

Note: The unit GUHD*C1O is capable for low ambient cooling.

1Ton=12000Btu/h=3.517kw

➔ 1.2 Indoor Unit

Type	Model Name	Nominal Capacity Cooling/Heating (Btu/h)	Power supply (V, Ph, Hz)	Appearance		
Duct Type	R410A	GFH09K3CI	9212/10000	220-240V~ 50Hz		
		GFH12K3CI	12000/13000			
		GFH18K3CI	18000/21000			
		GFH24K3CI	24000/25500			
		GFH30K3CI	28000/30000			
		GFH36K3CI	35120/39238			
		GFH42K3CI	37530/42650			
		GFH48K3CI	48000/56300			
GFH60K3CI	58000/61400					
Cassette Type	R410A	GKH12K3CI	11600/12600	220-240V~ 50Hz		
		GKH18K3CI	18000/21000			
		GKH24K3CI	24000/27000			
		GKH30K3CI	30000/32400			
		GKH36K3CI	34120/37530			
GKH42K3CI	37530/42300					
Floor Ceiling Type	R410A	GTH09K3CI	10236/10236	220-240V~ 50Hz		
		GTH12K3CI	11600/13000			
		GTH18K3CI	18000/21000			
		GTH24K3CI	24000/27000			
		GTH30K3CI	30000/32400			
		GTH36K3CI	35826/39238			
		GTH42K3CI	39238/42650			
		GTH48K3CI	48000/56000		220-240V~ 50Hz	
		GTH60K3CI	54500/59700			

2 NOMENCLATURE

➔ 2.1 Outdoor Unit

G U H D 09 N K 3 C1 O
 1 2 3 4 5 6 7 8 9 10

NO.	Description	Options
1	Gree Electric Appliances Inc	Capital Letter :G
2	Unit Type	U=U-Match Outdoor Unit F=Duct Type K=Cassette Type T= Floor-ceiling Type
3	Product Type	C=Cool Only H=Heat Pump without Aux Electric Heaters
4	Compressor Power Supply Type Code	N=Constant Frequency D=DC Inverter A=AC Inverter
5	Nominal Cooling Capacity	Nominal Cooling Capacity =Number×1000Btu/h
6	Climate Type	N=Climate T1 Condition T= Climate T3 Condition
7	Power Supply Code	K=220-240V~ 50Hz M=380-415V 3N~ 50Hz
8	Refrigerant	1 =R22 2=R407C 3=R410A
9	Design and design change Code	Design Code: A, B, C, D..... design change Code=0(Default) 1,2,3.....
10	Unit Code	O=Outdoor unit



2.2 Indoor Unit

G F H 09 T K 3 C I
1 2 3 4 5 6 7 8 9

NO.	Description	Options
1	Gree Electric Appliances Inc	Capital Letter :G
2	Unit Type	F=Duct Type K=Cassette Type T= Ceiling Type
3	Product Type	C=Cool Only H=Heat Pump without Aux Electric Heaters
4	Nominal Cooling Capacity	Nominal Cooling Capacity =Number×1000Btu/h
5	Climate Type	N=Climate T1 Condition T= Climate T3 Condition
6	Power Supply Code	K=220-240V~ 50Hz M=380-415V 3N~ 50Hz
7	Refrigerant	1 =R22 2=R407C 3=R410A
8	Design Code and design change Code	Design Code: A, B, C, D..... design change Code=0(Default) 1,2,3.....
9	Unit Code for Indoor Unit	I=Indoor Unit

3 FUNCTION

3.1 Description

Gree R410A AA DC Inverter U-Match Series Air Conditioners have combined the extraordinary comfort of the central air conditioners with the convenient installation and facility of the mini type of the split air conditioners. It is equipped with the condenser coil constructed of the hydrophilic aluminum sheet and the inner groove copper pipe, and also the low-noise compressor with various protections on the high/low pressure, high discharge temperature, overload, phase loss or reverse, and the sensor malfunction alarm. The casing of this unit is made of pre-painted steel, capable of resisting corrosion and rust creep and ensuring minimal fading when exposed to sunlight.

Gree R410A AA DC Inverter U-Match Series Air Conditioning Units can offer the perfect combination of superior product quality, high operating efficiency and cost efficiency. The capacity rated according to EN 14511 ranges from 09KBtu/h to 60 KBu/h, which could be sufficient to different requirements from customers. These units are CE certificated and manufactured under strict control with full conformance to ISO 9001:2000 and ISO 14001 standards. All units are factory tested prior to dispatch to verify the operation performance and control functioning.

Gree R410A AA DC Inverter U-Match Series Air Conditioning Units can be widely used in small supermarkets, chain stores, hotels, restaurants, offices and meeting room etc. especially fit for the small commercial and industrial application. Its indoor units come to cassette type, duct type and floor ceiling type, making the installation more flexible. The unit can set for cooling even when the outdoor ambient temperature drops to -15°C and thus an ideal for locations that require cooling even in winter.

The careful design from each part to the whole unit, together with the all-round process test and unit test, offers the high reliability for the whole system.

Perfect system protections can guarantee the safety of the system at utmost and get rid of the irreparable damage to the compressor or other critical parts under the harsh working conditions, including:

Unit protections

- High reliability**

 - The careful design from each part to the whole unit, together with the all-round process test and unit test, offers the high reliability for the whole system.
- Long-term durability**

 - Perfect system protections can guarantee the safety of the system at utmost and get rid of the irreparable damage to the compressor or other critical parts under the harsh working conditions.
- High/low pressure protection**

 - When suction pressure is too low or discharge pressure is too high, compressor will stop and unit display malfunction code.
- Overload protection**

 - The compressor has its own overheat protection. Once the temperature of compressor is higher than allowable level, compressor will stop and only when temperature recovery, compressor restart.
- Discharge high temperature protection**

 - Once the discharge temperature of compressor is higher than allowable value, compressor will stop and unit display malfunction code.
- Anti-high temperature protection**

 - Once the heat exchanger temperature of indoor unit is too high ,the outdoor fan motor will stop.
- Sensor malfunction alarming**

 - Once the sensor short out or shutdown, unit will display malfunction code.
- Anti-freezing protection**

 - When it is detected that the temperature of the evaporator is too low, the compressor will stop to protection the whole system.
- Over-current protection**

 - When it is detected that the running current of the compressor comes abnormal, the compressor will stop to protection the whole system.
- Communication malfunction**

 - When the unit fails to perform the normal communication, it will stop to protect the whole system.

Special protections have been taken for the control of the inverter unit to prevent it from being damaged, including:

Unit protections

Reverse (open) phase protection

- Once the phase sequence of power supply is incongruent or the phase is absent, unit can't work.

PFC or IPM module protection

- When the PFC or IPM module works abnormally, the unit will stop to protect the whole system.

DC busbar voltage protection

- When the voltage of the DC bus comes abnormal, the unit will stop to protect the compressor.

PFC or IPM temperature too high protection

- When the temperature of the PFC or the IPM module is too high, the unit will stop to protect the whole system.

Anti-high temperature protection

- once the heat exchanger temperature of indoor unit is too high ,the outdoor fan motor will stop.

Compressor frequency control

- The final running frequency of the compressor is limited to the minimum value to realize the lowest energy consumption.

Change rate of the compressor

- the frequency change rate varies with the change of the load.

4-way valve control

- for the heat pump units, the unit is able to perform heating through the 4-way valve.

Automatic defrosting

- when the heat pump unit performs heating, the automatic defrosting will work in according to the frosting condition on the outdoor unit so as to protect the whole system.

Low-temperature cooling

- the unit is able to work reliably under the -15°C ambient environment through adjusting the running speed of the outdoor unit's fan.

Deicing

- Deicing: the electric heating tape on the chassis will perform heating to prevent the chassis icing which would affect the performance of the unit.

➔ 3.2 Indoor Units

(1) Duct Type

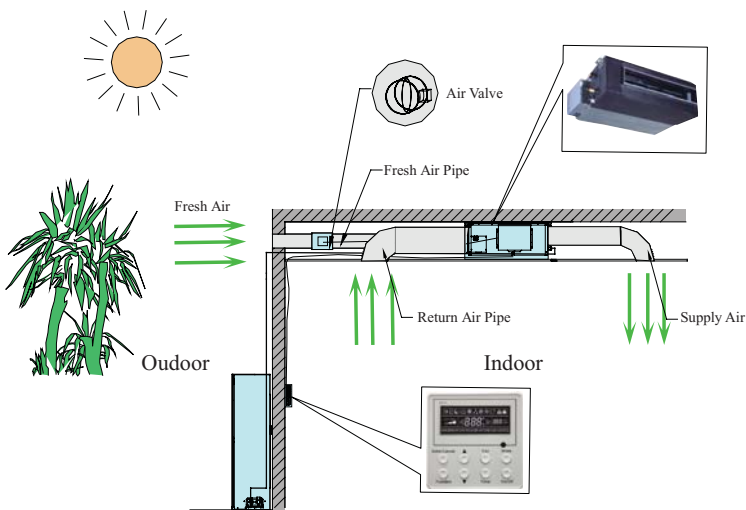


Airflow Patterns for Extra Comfort :

It can connect many supply-air outlets to the duct, so that it can make the temperature and humidity of the whole room even, meanwhile, it can lead in fresh air, makes good indoor unit air quality. All units are provided with filters that they are easily accessible from the rear of the unit.

Flexible Installation:

Air-supply or air-return type, condensation water exit direction, and modes of wye (adopting either underside air back or rear air back) etc can be selected flexibly.



Easy Maintenance:

Evaporator coils are constructed of quality inner groove copper tube and hydrophilic aluminum sheet. It adopts easy and reliable configuration design ,so Maintenance is very convenient and easy.



Versatile Functions:

- ◆ 3-Speeds Fan Control
- ◆ Sensing the room temperature
- ◆ Room temperature control
- ◆ Starting current control
- ◆ Time Delay safety control
- ◆ Self-diagnosis with Alarm Function
- ◆ Long-distance monitoring function
- ◆ Reserved water pump space
- ◆ Connectable externally to the fan valve control

(2) Floor Ceiling Type



Flexible Installation :

There are two styles of installation: Ceiling Type and floor Type.

Ceiling Type:

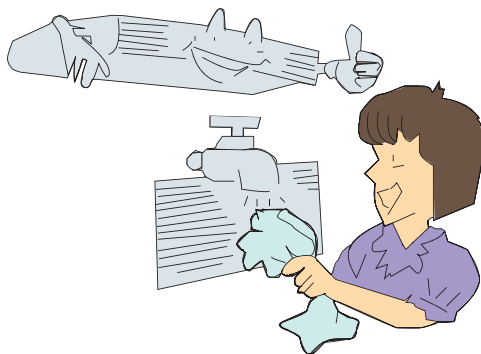


Floor Type:



Easier Maintenance and Cleaning :

The Ceiling Type is equipped with anti-mould long-life air filter .If the air filter is very dirty, can clean it by a vacuum cleaner or wash it with soap water.



Versatile Functions:

- ◆ 3-Speeds Fan Control
- ◆ Sensing the room temperature
- ◆ Room temperature control
- ◆ Starting current control
- ◆ Time Delay safety control
- ◆ Horizontal airflow direction control
- ◆ The panel display:

- POWER
- COOL
- HEAT

“POWER” LED:

The indicating lamp will shine when power on, while it will go out when power off.

“COOL” LED:

The indicating lamp will shine when “COOL” is activated, while it will go out when “COOL” is deactivated.

“HEAT” LED:

The indicating lamp will shine when “HEAT” is activated, while it will go out when “HEAT” is deactivated.

(3) Cassette Type



Airflow Patterns for Extra Comfort :

It can blow to four different directions, so that it can make the temperature and humidity of the whole room equality .

Low Noise :

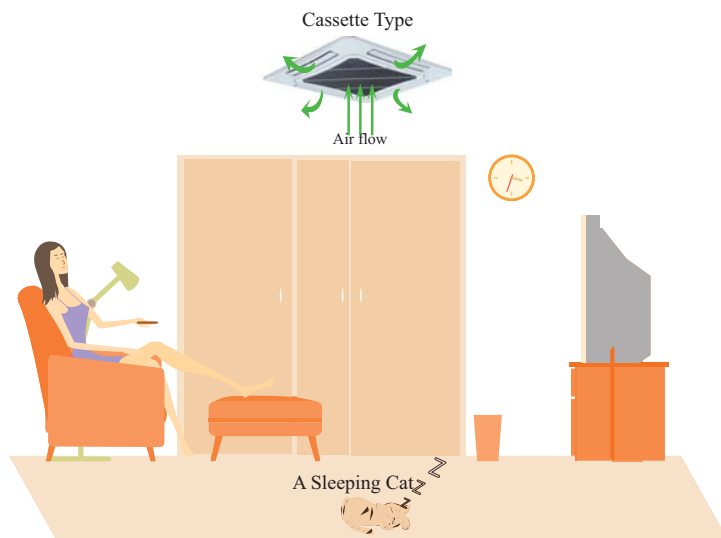
It adopts low noise design, such as low noise fan, low noise motor, etc.

Easy Maintenance and Cleaning:

It adopts easy and reliable configuration design, so Maintenance is very convenient.

Airflow direction control

The louver can be set at the desired position or swing up and down automatically.



Versatile Functions:

- ◆ 3-Speeds Fan Control
- ◆ Sensing the room temperature
- ◆ Room temperature control
- ◆ Starting current control
- ◆ Time Delay safety control
- ◆ Self-diagnosis with Alarm Function
- ◆ Long-distance monitoring function
- ◆ Forced operation
- ◆ Test operation
- ◆ The panel display:
 - 1) Operation indication lamps;
 - 2) The error code is indicated through three indicating LEDs stated above.

4 PRODUCT DATA

4.1 Product Data at Rated Condition

(1) Duct type

Model	Indoor unit		GFH09K3CI	GFH12K3CI
	Outdoor unit		GUHD09NK3CO	GUHD12NK3CO
Nominal Capacity	Cooling	kW	2.7	3.5
		Btu/h	9212	12000
	Heating	kW	2.9	3.8
		Btu/h	9895	13000
Power Input	Cooling	kW	0.83	1.077
	Heating	kW	0.803	0.974
EER/COP		W/W	3.25/3.61	3.25/3.9
Indoor Unit			GFH09K3CI	GFH12K3CI
Power Supply		—	220-240V~ 50Hz	
Heat Exchange		—	Cross Fin Coil	Cross Fin Coil
Fan	Type	—	Centrifugal fan	Centrifugal fan
	Drive	—	direct	direct
	Motor Output	kW	0.04×1	0.06×1
	Air Flow	m ³ /h	800	840
	Rated Ext. Static Pressure	Pa	25	25
Sound Pressure Level(H/M/L)		dB(A)	40/38/36	37/35/33
Air Filter		—	Standard washable synthetic	
Drain Piping		mm	Φ20×1.2	Φ30×1.5
Dimensions (W×H×D)		mm	880×250×665	980×266×721
(Outline/Package)			1023×320×748	1123×323×798
Weight(Net/Gross)		kg	26/32	34/41
Outdoor Unit			GUHD09NK3CO	GUHD12NK3CO
Power Supply		—	220-240V~ 50Hz	
Heat Exchange		—	Cross Fin Coil	
Fan	Type	—	Axial fan	
	Fan Motor Speed	rpm	850	850
Compressor	Type	—	ROTARY	ROTARY
	Power Input	W	1070	1070
Refrigerant	Type	—	R410A	
	Control	—	Capillary Tube	
	Charge	kg	1.2	1.35
Dimensions (W×H×D)		mm	776×540×320	776×540×320
(Outline/Package)			851×595×363	851×595×363
Weight(Net/Gross)		kg	28/32	30/34
Piping Connections	Liquid	Inch	Φ 1/4	Φ 1/4
	Gas	Inch	Φ 3/8	Φ 3/8
	Max. Length	m	20	20
	Max. Height	m	15	15

Model	Indoor unit		GFH09K3CI	GFH12K3CI
	Outdoor unit		GUHD09NK3C1O	GUHD12NK3C1O
Nominal Capacity	Cooling	kW	2.7	3.5
		Btu/h	9212	12000
	Heating	kW	2.9	3.8
		Btu/h	9895	13000
Power Input	Cooling	kW	0.83	1.077
	Heating	kW	0.803	0.974
EER/COP		W/W	3.25/3.61	3.25/3.90
Indoor Unit			GFH09K3CI	GFH12K3CI
Power Supply		—	220-240V~ 50Hz	
Heat Exchange		—	Cross Fin Coil	Cross Fin Coil
Fan	Type	—	Centrifugal fan	Centrifugal fan
	Drive	—	direct	direct
	Motor Output	kW	0.04×1	0.06×1
	Air Flow	m ³ /h	800	840
	Rated Ext. Static Pressure	Pa	25	25
Sound Pressure Level(H/M/L)		dB(A)	40/38/36	37/35/33
Air Filter		—	Standard washable synthetic	
Drain Piping		mm	Φ20×1.2	Φ30×1.5
Dimensions (W×H×D) (Outline/Package)		mm	880×250×665 1023×320×748	980×266×721 1123×323×798
Weight(Net/Gross)		kg	26/32	34/41
Outdoor Unit			GUHD09NK3C1O	GUHD12NK3C1O
Power Supply		—	220-240V~ 50Hz	
Heat Exchange		—	Cross Fin Coil	
Fan	Type	—	Axial fan	
	Fan Motor Speed	rpm	900	900
Compressor	Type	—	ROTARY	ROTARY
	Power Input	W	1070	1070
Refrigerant	Type	—	R410A	
	Control	—	Capillary Tube	
	Charge	kg	1.2	1.25
Dimensions (W×H×D) (Outline/Package)		mm	848×540×320 881×595×363	848×540×320 881×595×363
Weight(Net/Gross)		kg	33/37	33/37
Piping Connections	Liquid	Inch	Φ1/4	Φ1/4
	Gas	Inch	Φ3/8	Φ3/8
	Max. Length	m	20	20
	Max. Height	m	15	15

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Model	Indoor unit		GFH18K3CI	GFH24K3CI	GFH30K3CI
	Outdoor unit		GUHD18NK3CO	GUHD24NK3CO	GUHD30NK3CO
Nominal Capacity	Cooling	kW	5.3	7	8.2
		Btu/h	18000	24000	28000
Power Input	Heating	kW	6.15	7.5	8.8
		Btu/h	21000	25500	30000
	Cooling	kW	1.65	2.18	2.55
	Heating	kW	1.7	2.07	2.43
EER/COP		W/W	3.21/3.62	3.21/3.62	3.22/3.62
Indoor Unit			GFH18K3CI	GFH24K3CI	GFH30K3CI
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil	Cross Fin Coil	Cross Fin Coil
Fan	Type	—	Centrifugal fan	Centrifugal fan	Centrifugal fan
	Drive	—	direct	direct	direct
	Motor Output	kW	0.07×1	0.15×1	0.15×1
	Air Flow	m ³ /h	1000/800/600	1600/1400/1200	1500/1300/1100
	Rated Ext. Static Pressure	Pa	25	25	37
Sound Pressure Level(H/M/L)		dB(A)	42/38/36	47/44/42	47/44/42
Air Filter		—	Standard washable synthetic		
Drain Piping		mm	Φ30×1.5	Φ20×1.2	Φ20×1.2
Dimensions (W×H×D) (Outline/Package)		mm	980×266×721	1270×268×530	1270×268×530
			1123×323×798	1348×283×597	1348×283×597
Weight(Net/Gross)		kg	34/41	37/43	36/41
Outdoor Unit			GUHD18NK3CO	GUHD24NK3CO	GUHD30NK3CO
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Axial fan		
	Fan Motor Speed	rpm	690±15	780±20	780±20
Compressor	Type	—	ROTARY	ROTARY	ROTARY
	Power Input	W	1630	2200	2200
Refrigerant	Type	—	R410A		
	Control	—	Electronic Expansion Valve		
	Charge	kg	1.4	2.4	2.6
Dimensions (W×H×D) (Outline/Package)		mm	955×700×396	980×790×427	980×790×427
			1029× 750×458	1083×855×488	1083×855×488
Weight(Net/Gross)		kg	48/53	65/70	68/74
Piping Connections	Liquid	Inch	Φ1/4	Φ3/8	Φ3/8
	Gas	Inch	Φ1/2	Φ5/8	Φ5/8
	Max. Length	m	20	30	30
	Max. Height	m	15	15	15

Model	Indoor unit		GFH18K3CI	GFH24K3CI	GFH30K3CI
	Outdoor unit		GUHD18NK3C1O	GUHD24NK3C1O	GUHD30NK3C1O
Nominal Capacity	Cooling	kW	5.3	7	8.2
		Btu/h	18000	24000	28000
	Heating	kW	6.15	7.5	8.8
		Btu/h	21000	25500	30000
Power Input	Cooling	kW	1.65	2.18	2.55
	Heating	kW	1.70	2.07	2.43
EER/COP		W/W	3.21/3.62	3.21/3.62	3.22/3.62
Indoor Unit			GFH18K3CI	GFH24K3CI	GFH30K3CI
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil	Cross Fin Coil	Cross Fin Coil
Fan	Type	—	Centrifugal fan	Centrifugal fan	Centrifugal fan
	Drive	—	direct	direct	direct
	Motor Output	kW	0.07×1	0.15×1	0.15×1
	Air Flow	m ³ /h	1000/800/600	1600/1400/1200	1500/1300/1100
	Rated Ext. Static Pressure	Pa	25	25	37
Sound Pressure Level(H/M/L)		dB(A)	42/38/36	47/44/42	47/44/42
Air Filter		—	Standard washable synthetic		
Drain Piping		mm	Φ30×1.5	Φ20×1.2	Φ20×1.2
Dimensions (W×H×D) (Outline/Package)		mm	980×266×721	1270×268×530	1270×268×530
			1123×323×798	1348×283×597	1348×283×597
Weight(Net/Gross)		kg	34/41	37/43	36/41
Outdoor Unit			GUHD18NK3C1O	GUHD24NK3C1O	GUHD30NK3C1O
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Axial fan		
	Fan Motor Speed	rpm	840	840	840
Compressor	Type	—	ROTARY	ROTARY	ROTARY
	Power Input	W	1630	2200	2200
Refrigerant	Type	—	R410A		
	Control	—	Electronic Expansion Valve		
	Charge	kg	1.4	2.4	2.6
Dimensions (W×H×D) (Outline/Package)		mm	955×700×396	980×790×427	980×790×427
			1029×750×458	1083×855×488	1083×855×488
Weight(Net/Gross)		kg	46/51	65/70	68/74
Piping Connections	Liquid	Inch	Φ1/4	Φ3/8	Φ3/8
	Gas	Inch	Φ1/2	Φ5/8	Φ5/8
	Max. Length	m	20	30	30
	Max. Height	m	15	15	15

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Model	Indoor unit		GFH36K3CI	GFH36K3CI	GFH42K3CI
	Outdoor unit		GUHD36NK3CO	GUHD36NM3CO	GUHD42NK3CO
Nominal Capacity	Cooling	kW	10.0	10.3	11.0
		Btu/h	34120	35140	37530
	Heating	kW	11.5	11.5	12.5
		Btu/h	39238	39238	42650
Power Input	Cooling	kW	3.115	3.2	3.42
	Heating	kW	3.18	3.18	3.46
EER/COP		W/W	3.21/3.61	3.21/3.61	3.21/3.61
Indoor Unit			GFH36K3CI	GFH36K3CI	GFH42K3CI
Power Supply		—	220-240V~ 50Hz	220-240V~ 50Hz	220-240V~ 50Hz
Heat Exchange		—	Cross Fin Coil	Cross Fin Coil	Cross Fin Coil
Fan	Type	—	Centrifugal fan	Centrifugal fan	Centrifugal fan
	Drive	—	direct	direct	direct
	Motor Output	kW	0.5×1	0.5×1	0.5×1
	Air Flow	m ³ /h	2300/2110/1850	2300/2110/1850	2300/2110/1850
	Rated Ext. Static Pressure	Pa	37	37	37
Sound Pressure Level(H/M/L)		dB(A)	53/50/46	53/50/46	53/50/46
Air Filter		—	Standard washable synthetic		
Drain Piping		mm	Φ20×1.2	Φ20×1.2	Φ20×1.2
Dimensions (W×H×D) (Outline/Package)		mm	1226×290×775	1226×290×775	1226×290×775
			1338×305×877	1338×305×877	1338×305×877
Weight(Net/Gross)		kg	57/67	57/67	57/67
Outdoor Unit			GUHD36NK3CO	GUHD36NM3CO	GUHD42NK3CO
Power Supply		—	220-240V~ 50Hz	380-415V 3N~ 50Hz	220-240V~ 50Hz
Heat Exchange		—	Cross Fin Coil	Cross Fin Coil	Cross Fin Coil
Fan	Type	—	Axial fan	Axial fan	Axial fan
	Fan Motor Speed	rpm	820±20	820±20	820±20
Compressor	Type	—	ROTARY	ROTARY	ROTARY
	Power Input	W	3010±7.5%	3010±7.5%	3010±7.5%
Refrigerant	Type	—	R410A	R410A	R410A
	Control	—	Electronic Expansion Valve		
	Charge	kg	3.8	3.8	3.8
Dimensions (W×H×D) (Outline/Package)		mm	1107×1100×440	1107×1100×440	1107×1100×440
			1158×1235×493	1158×1235×493	1158×1235×493
Weight(Net/Gross)		kg	90/101	92/103	90/101
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8	Φ3/8
	Gas	Inch	Φ5/8	Φ5/8	Φ5/8
	Max. Length	m	30	30	30
	Max. Height	m	15	15	50

Model	Indoor unit		GFH36K3CI	GFH36K3CI	GFH36K3CI
	Outdoor unit		GUHD36NK3C1O	GUHD36NM3C1O	GUHD42NK3C1O
Nominal Capacity	Cooling	kW	10.0	10.0	11.0
		Btu/h	34100	34100	37530
	Heating	kW	11.0	11.0	12.0
		Btu/h	37500	37500	40944
Power Input	Cooling	kW	3.115	3.115	3.426
	Heating	kW	3.047	3.047	3.3
EER/COP		W/W	3.21/3.61	3.21/3.61	3.21/3.61
Indoor Unit			GFH36K3CI	GFH36K3CI	GFH42K3CI
Power Supply		—	220-240V,~50Hz		
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Centrifugal fan		
	Drive	—	direct		
	Motor Output	kW	0.5×1		
	Air Flow	m ³ /h	2300/2110/1850	2300/2110/1850	2300/2110/1850
Rated Ext. Static Pressure		Pa	37	37	37
Sound Pressure Level(H/M/L)		dB(A)	53/50/46	53/50/46	53/50/46
Air Filter		—	Standard washable synthetic		
Drain Piping		mm	Φ20×1.2	Φ20×1.2	Φ20×1.2
Dimensions (W×H×D) (Outline/Package)		mm	1226×290×775	1226×290×775	1226×290×775
			1338×305×877	1338×305×877	1338×305×877
Weight(Net/Gross)		kg	57/67	57/67	57/67
Outdoor Unit			GUHD36NK3C1O	GUHD36NM3C1O	GUHD42NK3C1O
Power Supply		—	220-240V~ 50Hz	380-415V 3N~ 50Hz	220-240V~ 50Hz
Heat Exchange		—	Cross Fin Coil	Cross Fin Coil	Cross Fin Coil
Fan	Type	—	Axial fan	Axial fan	Axial fan
	Fan Motor Speed	rpm	900	900	900
Compressor	Type	—	ROTARY	ROTARY	ROTARY
	Power Input	W	3010±7.5%	3010±7.5%	3010±7.5%
Refrigerant	Type	—	R410A	R410A	R410A
	Control	—	Electronic Expansion Valve		
	Charge	kg	3.8	3.8	3.8
Dimensions (W×H×D) (Outline/Package)		mm	1107×1100×440	1107×1100×440	1107×1100×440
			1158×1235×493	1158×1235×493	1158×1235×493
Weight(Net/Gross)		kg	89/100	88/99	89/100
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8	Φ3/8
	Gas	Inch	Φ5/8	Φ5/8	Φ5/8
	Max. Length	m	30	30	50
	Max. Height	m	15	15	30

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Model	Indoor unit		GFH42K3CI	GFH48K3CI	GFH48K3CI
	Outdoor unit		GUHD42NM3CO	GUHD48NK3CO	GUHD48NM3CO
Nominal Capacity	Cooling	kW	11	14	14
		Btu/h	37530	48000	48000
	Heating	kW	12.5	16.5	16.5
		Btu/h	42650	56300	56300
Power Input	Cooling	kW	3.42	4.35	4.35
	Heating	kW	3.46	4.5	4.5
EER/COP		W/W	3.21/3.61	3.22/3.67	3.22/3.67
Indoor Unit			GFH42K3CI	GFH48K3CI	GFH48K3CI
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Centrifugal fan		
	Drive	—	direct		
	Motor Output	kW	0.5×1	0.5×1	0.5×1
	Air Flow	m ³ /h	2300/2110/1850	2500/2300/2100	2500/2300/2100
	Rated Ext. Static Pressure	Pa	37	50	50
Sound Pressure Level(H/M/L)		dB(A)	53/50/46	53/50/46	53/50/46
Air Filter		—	Standard washable synthetic		
Drain Piping		mm	Φ20×1.2	Φ30×1.5	Φ30×1.5
Dimensions (W×H×D) (Outline/Package)		mm	1226×290×775	1226×330×815	1226×330×815
			1338×305×877	1338×345×925	1338×345×925
Weight(Net/Gross)		kg	57/67	64/73	64/73
Outdoor Unit			GUHD42NM3CO	GUHD48NK3CO	GUHD48NM3CO
Power Supply		—	380-415V 3N~ 50Hz	220-240V~ 50Hz	380-415V 3N~ 50Hz
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Axial fan		
	Fan Motor Speed	rpm	820±20	690	690
Compressor	Type	—	ROTARY		
	Power Input	W	3010±7.5%	4220	4220
Refrigerant	Type	—	R410A		
	Control	—	Electronic Expansion Valve		
	Charge	kg	3.8	4.3	4.3
Dimensions (W×H×D) (Outline/Package)		mm	1107×1100×440	1085×1365×427	1085×1365×427
			1158×1235×493	1143×1505×478	1143×1505×478
Weight(Net/Gross)		kg	92/103	116/128	116/128
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8	Φ3/8
	Gas	Inch	Φ5/8	Φ5/8	Φ5/8
	Max. Length	m	50	50	50
	Max. Height	m	30	30	30

Model	Indoor unit		GFH42K3CI	GFH48K3CI	GFH48K3CI
	Outdoor unit		GUHD42NM3C1O	GUHD48NK3C1O	GUHD48NM3C1O
Nominal Capacity	Cooling	kW	11	14	14
		Btu/h	37530	48000	48000
	Heating	kW	12.0	16.0	16.0
		Btu/h	40944	54600	54600
Power Input	Cooling	kW	3.425	4.36	4.36
	Heating	kW	3.32	4.43	4.43
EER/COP		W/W	3.21/3.61	3.21/3.61	3.21/3.61
Indoor Unit			GFH42K3CI	GFH48K3CI	GFH48K3CI
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Centrifugal fan		
	Drive	—	direct		
	Motor Output	kW	0.5×1	0.5×1	0.5×1
	Air Flow	m ³ /h	2300/2110/1850	2500/2300/2100	2500/2300/2100
	Rated Ext. Static Pressure	Pa	37	50	50
Sound Pressure Level(H/M/L)		dB(A)	53/50/46	53/50/46	53/50/46
Air Filter		—	Standard washable synthetic		
Drain Piping		mm	Φ20×1.2	Φ30×1.5	Φ30×1.5
Dimensions (W×H×D) (Outline/Package)		mm	1226×290×775 1338×305×877	1226×330×815 1338×345×925	1226×330×815 1338×345×925
Weight(Net/Gross)		kg	57/67	64/73	64/73
Outdoor Unit			GUHD42NM3C1O	GUHD48NK3C1O	GUHD48NM3C1O
Power Supply		—	380-415V 3N~ 50Hz	220-240V~ 50Hz	380-415V 3N~ 50Hz
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Axial fan		
	Fan Motor Speed	rpm	900	840	840
Compressor	Type	—	ROTARY		
	Power Input	W	3010±7.5%	4220	4220
Refrigerant	Type	—	R410A		
	Control	—	Electronic Expansion Valve		
	Charge	kg	3.8	4.3	4.3
Dimensions (W×H×D) (Outline/Package)		mm	1107×1100×440 1158×1235×493	1085×1365×427 1143×1505×478	
Weight(Net/Gross)		kg	88/99	116/128	116/128
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8	Φ3/8
	Gas	Inch	Φ5/8	Φ5/8	Φ5/8
	Max. Length	m	50	50	50
	Max. Height	m	30	30	30

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Model	Indoor unit		GFH60K3CI	GFH60K3CI
	Outdoor unit		GUHD60NM3CO	GUHD60NM3C1O
Nominal Capacity	Cooling	kW	17	17
		Btu/h	58000	58000
	Heating	kW	18	18
		Btu/h	61400	61400
Power Input	Cooling	kW	5.29	5.3
	Heating	kW	4.98	5.0
EER/COP		W/W	3.21/3.61	3.21/3.61
Indoor Unit			GFH60K3CI	GFH60K3CI
Power Supply		—	220-240V~ 50Hz	
Heat Exchange		—	Cross Fin Coil	Cross Fin Coil
Fan	Type	—	Centrifugal fan	Centrifugal fan
	Drive	—	direct	direct
	Motor Output	kW	0.33×1	0.33×1
	Air Flow	m ³ /h	3150	3150
	Rated Ext. Static Pressure	Pa	50	50
Sound Pressure Level(H/M/L)		dB(A)	54/51/48	54/51/48
Air Filter		—	Standard washable synthetic	
Drain Piping		mm	Φ30×1.5	Φ30×1.5
Dimensions (W×H×D) (Outline/Package)		mm	1463×389×799	1463×389×799
			1543×470×883	1543×470×883
Weight(Net/Gross)		kg	87/115	87/115
Outdoor Unit			GUHD60NM3CO	GUHD60NM3C1O
Power Supply		—	380-415V 3N~ 50Hz	
Heat Exchange		—	Cross Fin Coil	Cross Fin Coil
Fan	Type	—	Axial fan	Axial fan
	Fan Motor Speed	rpm	800±20	800±20
Compressor	Type	—	ROTARY	ROTARY
	Power Input	W	4220	4220
Refrigerant	Type	—	R410A	
	Control	—	Electronic Expansion Valve	
	Charge	kg	5.5	5.5
Dimensions (W×H×D) (Outline/Package)		mm	1085×1365×427	1085×1365×427
			1143×1505×478	1143×1505×478
Weight(Net/Gross)		kg	121/133	118/130
Piping Connections	Liquid	inch	Φ3/8	Φ3/8
	Gas	inch	Φ3/4	Φ3/4
	Max. Length	m	50	50
	Max. Height	m	30	30

(2) Cassette type

Model	Indoor unit		GKH12K3CI	GKH18K3CI	GKH24K3CI
	Outdoor unit		GUHD12NK3CO	GUHD18NK3CO	GUHD24NK3CO
Nominal Capacity	Cooling	kW	3.4	5.3	7
		Btu/h	11600	18000	24000
	Heating	kW	3.7	6.15	8.0
		Btu/h	12600	21000	27000
Power Input	Cooling	kW	1.03	1.65	2.18
	Heating	kW	1.025	1.7	2.21
EER/COP		W/W	3.3/3.61	3.21/3.62	3.21/3.62
Indoor Unit			GKH12K3CI	GKH18K3CI	GKH24K3CI
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Centrifugal fan		
	Drive	—	direct	direct	direct
	Motor Output	kW	0.011×1	0.035×1	0.040×1
	Air Flow	m ³ /h	550/450/350	1180/1080/1000	1400/1270/1170
Sound Pressure Level(H/M/L)		dB(A)	47/45/43	47/45/43	51/49/48
Air Filter		—	Standard washable synthetic		
Drain Piping		mm	Φ32×3	Φ32×3	Φ32×3
Indoor Unit Dimensions (Outline/Package) (W×H×D)		mm	600×230×600	840×240×840	840×240×840
			851×325×681	963×325×963	963×325×963
Weight(Net/Gross)		kg	20/27	27/36	27/36
Panel Dimensions (Outline/Package) (W×H×D)		mm	650 ×50×650	950×60×950	950×60×950
			673 ×117×733	1028×130×1043	1028×130×1043
Panel Weight(Net/Gross)		kg	2.5/3.5	6.5/10	6.5/10
Outdoor Unit			GUHD12NK3CO	GUHD18NK3CO	GUHD24NK3CO
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Axial fan		
	Fan Motor Speed	rpm	850	690±15	780±20
Compressor	Type	—	ROTARY	ROTARY	ROTARY
	Power Input	W	1070	1630	2200
Refrigerant	Type	—	R410A		
	Control	—	Capillary Tube	Electronic Expansion Valve	
	Charge	kg	1.35	1.4	2.4
Dimensions (W×H×D) (Outline/Package)		mm	776×320×540	955×700×396	980×790×427
			851×595×363	1029× 750×458	1083×855×488
Weight(Net/Gross)		kg	30/34	48/53	65/70
Piping Connections	Liquid	Inch	Φ1/4	Φ1/4	Φ3/8
	Gas	Inch	Φ3/8	Φ1/2	Φ5/8
	Max. Length	m	20	20	30
	Max. Height	m	15	15	15

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Model	Indoor unit		GKH12K3CI	GKH18K3CI	GKH24K3CI
	Outdoor unit		GUHD12NK3C1O	GUHD18NK3C1O	GUHD24NK3C1O
Nominal Capacity	Cooling	kW	3.4	5.3	7
		Btu/h	11600	18000	24000
	Heating	kW	3.7	6.15	8.00
		Btu/h	12600	21000	27000
Power Input	Cooling	kW	1.03	1.65	2.18
	Heating	kW	1.025	1.7	2.21
EER/COP		W/W	3.3/3.61	3.21/3.62	3.21/3.62
Indoor Unit			GKH12K3CI	GKH18K3CI	GKH24K3CI
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Centrifugal fan		
	Drive	—	direct	direct	direct
	Motor Output	kW	0.011×1	0.035×1	0.040×1
	Air Flow	m ³ /h	550/450/350	1180/1080/1000	1400/1270/1170
Sound Pressure Level(H/M/L)		dB(A)	47/45/43	47/45/43	51/49/48
Air Filter		—	Standard washable synthetic		
Drain Piping		mm	Φ32×3	Φ32×3	Φ32×3
Indoor Unit Dimensions (Outline/Package) (W×H×D)		mm	600×230×600	840×240×840	840×240×840
			851×325×681	963×325×963	963×325×963
Weight(Net/Gross)		kg	20/27	27/36	27/36
Panel Dimensions (Outline/Package) (W×H×D)		mm	650×50×650	950×60×950	950×60×950
			673×117×733	1028×130×1043	1028×130×1043
Panel Weight(Net/Gross)		kg	2.5/3.5	6.5/10	6.5/10
Outdoor Unit			GUHD12NK3C1O	GUHD18NK3C1O	GUHD24NK3C1O
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Axial fan		
	Fan Motor Speed	rpm	900	840	840
Compressor	Type	—	ROTARY	ROTARY	ROTARY
	Power Input	W	1070	1630	2200
Refrigerant	Type	—	R410A		
	Control	—	Capillary Tube	Electronic Expansion Valve	
	Charge	kg	1.25	1.4	2.4
Dimensions (W×H×D) (Outline/Package)		mm	848×540×320	955×700×396	980×790×427
			881×595×363	1029×750×458	1083×855×488
Weight(Net/Gross)		kg	33/37	46/51	65/70
Piping Connections	Liquid	Inch	Φ1/4	Φ1/4	Φ3/8
	Gas	Inch	Φ3/8	Φ1/2	Φ5/8
	Max. Length	m	20	20	30
	Max. Height	m	15	15	15

Model	Indoor unit		GKH30K3CI	GKH36K3CI	GKH36K3CI
	Outdoor unit		GUHD30NK3CO	GUHD36NK3CO	GUHD36NM3CO
Nominal Capacity	Cooling	kW	8.8	10	10
		Btu/h	30000	34120	34120
	Heating	kW	9.5	11.0	11.0
		Btu/h	32400	37532	37532
Power Input	Cooling	kW	2.74	3.115	3.115
	Heating	kW	2.63	3.047	3.047
EER/COP		W/W	3.21/3.61	3.21/3.61	3.21/3.61
Indoor Unit			GKH30K3CI	GKH36K3CI	GKH36K3CI
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Centrifugal fan		
	Drive	—	direct	direct	direct
	Motor Output	kW	0.060×1	0.06	0.06
	Air Flow	m ³ /h	1660/1570/1500	1660/1570/1500	1660/1570/1500
Sound Pressure Level(H/M/L)		dB(A)	53/51/48	53/51/48	53/51/48
Air Filter		—	Standard washable synthetic		
Drain Piping		mm	Φ32×3	Φ32×3	Φ32×3
Indoor Unit Dimensions (Outline/Package) (W×H×D)		mm	840×320×840	840×320×840/	840×320×840/
			963×409×963	963×409×963	963×409×963
Weight(Net/Gross)		kg	32/43	32/43	32/43
Panel Dimensions (Outline/Package) (W×H×D)		mm	950×60×950/	950×60×950/	950×60×950
			1028×130×1043	1028×130×1043	1028×130×1043
Panel Weight(Net/Gross)		kg	6.5/10	6.5/10	6.5/10
Outdoor Unit			GUHD30NK3CO	GUHD36NK3CO	GUHD36NM3CO
Power Supply		—	220-240V~ 50Hz	220-240V~ 50Hz	380-415V 3N~ 50Hz
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Axial fan		
	Fan Motor Speed	rpm	780±20	820±20	
Compressor	Type	—	ROTARY		
	Power Input	W	2200	3010±7.5%	
Refrigerant	Type	—	R410A		
	Control	—	Electronic Expansion Valve		
	Charge	kg	2.6	3.8	3.8
Dimensions (W×H×D) (Outline/Package)		mm	980×790×427	1107×1100×440	1107×1100×440
			1083×855×488	1158×1235×493	1158×1235×493
Weight(Net/Gross)		kg	68/74	90/101	92/103
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8	Φ3/8
	Gas	Inch	Φ5/8	Φ5/8	Φ5/8
	Max. Length	m	30	30	30
	Max. Height	m	15	15	15

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Model	Indoor unit		GKH30K3CI	GKH36K3CI	GKH36K3CI
	Outdoor unit		GUHD30NK3C1O	GUHD36NK3C1O	GUHD36NM3C1O
Nominal Capacity	Cooling	kW	8.8	10.0	10.0
		Btu/h	30000	34100	34100
	Heating	kW	9.5	11.0	11.0
		Btu/h	32400	37500	37500
Power Input	Cooling	kW	2.74	3.115	3.115
	Heating	kW	2.63	3.047	3.047
EER/COP		W/W	3.21/3.61	3.21/3.61	3.21/3.61
Indoor Unit			GKH30K3CI	GKH36K3CI	GKH36K3CI
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Centrifugal fan		
	Drive	—	direct	direct	direct
	Motor Output	kW	0.060×1	0.06	0.06
	Air Flow	m ³ /h	1660/1570/1500	1660/1570/1500	1660/1570/1500
Sound Pressure Level(H/M/L)		dB(A)	53/51/48	53/51/48	53/51/48
Air Filter		—	Standard washable synthetic		
Drain Piping		mm	Φ32×3	Φ32×3	Φ32×3
Indoor Unit Dimensions (Outline/Package) (W×H×D)		mm	840×320×840	840×320×840	840×320×840/
			963×409×963	963×409×963	963×409×963
Weight(Net/Gross)		kg	32/43	32/43	32/43
Panel Dimensions (Outline/Package) (W×H×D)		mm	950×60×950	950×60×950	950×60×950
			1028×130×1043	1028×130×1043	1028×130×1043
Panel Weight(Net/Gross)		kg	6.5/10	6.5/10	6.5/10
Outdoor Unit			GUHD30NK3C1O	GUHD36NK3C1O	GUHD36NM3C1O
Power Supply		—	220-240V~ 50Hz	220-240V~ 50Hz	380-415V 3N~ 50Hz
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Axial fan		
	Fan Motor Speed	rpm	840	900	
Compressor	Type	—	ROTARY	ROTARY	
	Power Input	W	2200	3010±7.5%	
Refrigerant	Type	—	R410A		
	Control	—	Electronic Expansion Valve		
	Charge	kg	2.6	3.8	3.8
Dimensions (W×H×D) (Outline/Package)		mm	980×790×427	1107×1100×440	
			1083×855×488	1158×1235×493	
Weight(Net/Gross)		kg	68/74	89/100	88/99
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8	Φ3/8
	Gas	Inch	Φ5/8	Φ5/8	Φ5/8
	Max. Length	m	30	30	30
	Max. Height	m	15	15	15

Model	Indoor unit		GKH42K3CI	GKH42K3CI
	Outdoor unit		GUHD42NK3CO	GUHD42NM3CO
Nominal Capacity	Cooling	kW	11	11
		Btu/h	37530	37530
	Heating	kW	12.0	12.0
		Btu/h	42300	42300
Power Input	Cooling	kW	3.42	3.42
	Heating	kW	3.324	3.320
EER/COP		W/W	3.21/3.61	3.21/3.61
Indoor Unit			GKH42K3CI	GKH42K3CI
Power Supply		—	220-240V~ 50Hz	
Heat Exchange		—	Cross Fin Coil	Cross Fin Coil
Fan	Type	—	Centrifugal fan	Centrifugal fan
	Drive	—	direct	direct
	Motor Output	kW	0.06	0.06
	Air Flow	m ³ /h	1660/1570/1500	1660/1570/1500
Sound Pressure Level(H/M/L)		dB(A)	53/51/48	53/51/48
Air Filter		—	Standard washable synthetic	
Drain Piping		mm	Φ32×3	Φ32×3
Indoor Unit Dimensions (Outline/Package) (W×H×D)		mm	840×320×840	840×320×840
			963×409×963	963×409×963
Weight(Net/Gross)		kg	32/43	32/43
Panel Dimensions (Outline/Package) (W×H×D)		mm	950×60×950	950×60×950
			11028×130×1043	1028×130×1043
Panel Weight(Net/Gross)		kg	6.5/10	6.5/10
Outdoor Unit			GUHD42NK3CO	GUHD42NM3CO
Power Supply		—	220-240V~ 50Hz	380-415V 3N~ 50Hz
Heat Exchange		—	Cross Fin Coil	Cross Fin Coil
Fan	Type	—	Axial fan	Axial fan
	Fan Motor Speed	rpm	820±20	820±20
Compressor	Type	—	ROTARY	ROTARY
	Power Input	W	3010±7.5%	3010±7.5%
Refrigerant	Type	—	R410A	R410A
	Control	—	Electronic Expansion Valve	
	Charge	kg	3.8	3.8
Dimensions (W×H×D) (Outline/Package)		mm	1107×1100×440	1107×1100×440
			1158×1235×493	1158×1235×493
Weight(Net/Gross)		kg	90/101	92/103
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8
	Gas	Inch	Φ5/8	Φ5/8
	Max. Length	m	50	50
	Max. Height	m	30	30

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Model	Indoor unit		GKH42K3CI	GKH42K3CI
	Outdoor unit		GUHD42NK3C1O	GUHD42NM3C1O
Nominal Capacity	Cooling	kW	11	11.0
		Btu/h	37530	37530
	Heating	kW	12.0	12.0
		Btu/h	40944	40944
Power Input	Cooling	kW	3.426	3.425
	Heating	kW	3.3	3.3
EER/COP		W/W	3.21/3.61	3.21/3.61
Indoor Unit			GKH42K3CI	GKH42K3CI
Power Supply		—	220-240V~ 50Hz	
Heat Exchange		—	Cross Fin Coil	Cross Fin Coil
Fan	Type	—	Centrifugal fan	Centrifugal fan
	Drive	—	direct	direct
	Motor Output	kW	0.06	0.06
	Air Flow	m ³ /h	1660/1570/1500	1660/1570/1500
Sound Pressure Level(H/M/L)		dB(A)	53/51/48	53/51/48
Air Filter		—	Standard washable synthetic	
Drain Piping		mm	Φ32×3	Φ32×3
Indoor Unit Dimensions (Outline/Package) (W×H×D)		mm	840×320×840	840×320×840
			963×409×963	963×409×963
Weight(Net/Gross)		kg	32/43	32/43
Panel Dimensions (Outline/Package) (W×H×D)		mm	950×60×950	950×60×950
			1028×130×1043	1028×130×1043
Panel Weight(Net/Gross)		kg	6.5/10	6.5/10
Outdoor Unit			GUHD42NK3C1O	GUHD42NM3C1O
Power Supply		—	380-415V 3N~ 50Hz	
Heat Exchange		—	Cross Fin Coil	Cross Fin Coil
Fan	Type	—	Axial fan	Axial fan
	Fan Motor Speed	rpm	900	900
Compressor	Type	—	ROTARY	ROTARY
	Power Input	W	3010±7.5%	3010±7.5%
Refrigerant	Type	—	R410A	R410A
	Control	—	Electronic Expansion Valve	
	Charge	kg	3.8	3.8
Dimensions (W×H×D) (Outline/Package)		mm	1107×1100×440	1107×1100×440
			1158×1235×493	1158×1235×493
Weight(Net/Gross)		kg	89/100	88/99
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8
	Gas	Inch	Φ5/8	Φ5/8
	Max. Length	m	50	50
	Max. Height	m	30	30

(3) Floor-ceiling type

Model	Indoor unit		GTH09K3CI	GTH12K3CI
	Outdoor unit		GUHD09NK3CO	GUHD12NK3CO
Nominal Capacity	Cooling	kW	3.0	3.4
		Btu/h	10236	11600
	Heating	kW	3.0	3.8
		Btu/h	10236	13000
Power Input	Cooling	kW	0.857	1.059
	Heating	kW	0.75	0.927
EER/COP		W/W	3.5/4.0	3.21/4.1
Indoor Unit			GTH09K3CI	GTH12K3CI
Power Supply		—	220-240V~ 50Hz	
Heat Exchange		—	Cross Fin Coil	
Fan	Type	—	Centrifugal fan	
	Drive	—	Direct	
	Motor Output	kW	0.008×1	0.015×1
	Air Flow	m ³ /h	650/550/450	700/600/500
Sound Pressure Level(H/M/L)		dB(A)	39/37/35	39/37/35
Air Filter		—	Standard washable synthetic	
Drain Piping		mm	Φ17×1.75	Φ17×1.75
Dimensions (W×H×D) (Outline/Package)		mm	1220×225×700	1220×225×700
			1343×315× 823	1343×315× 823
Weight(Net/Gross)		kg	40/49	40/49
Outdoor Unit			GUHD09NK3CO	GUHD12NK3CO
Power Supply		—	220-240V~ 50Hz	
Heat Exchange		—	Cross Fin Coil	
Fan	Type	—	Axial fan	
	Fan Motor Speed	rpm	850	850
Compressor	Type	—	ROTARY	ROTARY
	Power Input	W	1070	1070
Refrigerant	Type	—	R410A	
	Control	—	Capillary Tube	
	Charge	kg	1.2	1.35
Dimensions (W×H×D) (Outline/Package)		mm	776 ×540×320	776 ×540×320
			851×595×363	851×595×363
Weight(Net/Gross)		kg	28/32	30/34
Piping Connections	Liquid	Inch	Φ1/4	Φ1/4
	Gas	Inch	Φ3/8	Φ3/8
	Max. Length	m	20	20
	Max. Height	m	15	15

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Model	Indoor unit		GTH09K3CI	GTH12K3CI
	Outdoor unit		GUHD09NK3C1O	GUHD12NK3C1O
Nominal Capacity	Cooling	kW	3.0	3.4
		Btu/h	10236	11600
	Heating	kW	3.0	3.8
		Btu/h	10236	13000
Power Input	Cooling	kW	0.857	1.059
	Heating	kW	0.75	0.927
EER/COP		W/W	3.5/4.0	3.21/4.1
Indoor Unit			GTH09K3CI	GTH12K3CI
Power Supply		—	220-240V~ 50Hz	
Heat Exchange		—	Cross Fin Coil	
Fan	Type	—	Centrifugal fan	
	Drive	—	Direct	
	Motor Output	kW	0.008×1	0.015×1
	Air Flow	m ³ /h	650/550/450	700/600/500
Sound Pressure Level(H/M/L)		dB(A)	39/37/35	39/37/35
Air Filter		—	Standard washable synthetic	
Drain Piping		mm	Φ17×1.75	Φ17×1.75
Dimensions (W×H×D) (Outline/Package)		mm	1220×225×700	1220×225×700
			1345×315× 823	1345×315× 823
Weight(Net/Gross)		kg	40/49	40/49
Outdoor Unit			GUHD09NK3C1O	GUHD12NK3C1O
Power Supply		—	220-240V~ 50Hz	
Heat Exchange		—	Cross Fin Coil	
Fan	Type	—	Axial fan	
	Fan Motor Speed	rpm	900	900
Compressor	Type	—	ROTARY	ROTARY
	Power Input	W	1070	1070
Refrigerant	Type	—	R410A	
	Control	—	Capillary Tube	
	Charge	kg	1.2	1.25
Dimensions (W×H×D) (Outline/Package)		mm	848×540×320	848×540×320
			881×595×363	881×595×363
Weight(Net/Gross)		kg	33/37	33/37
Piping Connections	Liquid	Inch	Φ1/4	Φ1/4
	Gas	Inch	Φ3/8	Φ3/8
	Max. Length	m	20	20
	Max. Height	m	15	15

Model	Indoor unit		GTH18K3CI	GTH24K3CI	GTH30K3CI
	Outdoor unit		GUHD18NK3CO	GUHD24NK3CO	GUHD30NK3CO
Nominal Capacity	Cooling	kW	5.3	7	8.8
		Btu/h	18000	24000	30000
	Heating	kW	6.15	8	9.5
		Btu/h	21000	27000	32400
Power Input	Cooling	kW	1.65	2.18	2.74
	Heating	kW	1.7	2.21	2.63
EER/COP		W/W	3.21/3.62	3.21/3.62	3.21/3.61
Indoor Unit			GTH18K3CI	GTH24K3CI	GTH30K3CI
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Centrifugal fan		
	Drive	—	Direct	Direct	Direct
	Motor Output	kW	0.02×1	0.05×1	0.075×1
	Air Flow	m ³ /h	900/800/700	1200/1050/900	1600/1450/1300
Sound Pressure Level(H/M/L)		dB(A)	45/42/39	52/49/46	50/48/46
Air Filter		—	Standard washable synthetic		
Drain Piping		mm	Φ17×1.75	Φ17×1.75	Φ17×1.75
Dimensions (W×H×D) (Outline/Package)		mm	1220×225×700	1220×225×700	1420×245×700
			1343×315×823	1343×315×823	1548×345×828
Weight(Net/Gross)		kg	42/51	43/52	51/58
Outdoor Unit			GUHD18NK3CO	GUHD24NK3CO	GUHD30NK3CO
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Axial fan		
	Fan Motor Speed	rpm	690±15	780±20	780±20
Compressor	Type	—	ROTARY	ROTARY	ROTARY
	Power Input	W	1630	2200	2200
Refrigerant	Type	—	R410A		
	Control	—	Electronic Expansion Valve		
	Charge	kg	1.4	2.4	2.6
Dimensions (W×H×D) (Outline/Package)		mm	955×700×396	980×790×427	980×790×427
			1029×750×458	1083×855×488	1083×855×488
Weight(Net/Gross)		kg	48/53	65/70	68/74
Piping Connections	Liquid	Inch	Φ1/4	Φ3/8	Φ3/8
	Gas	Inch	Φ1/2	Φ5/8	Φ5/8
	Max. Length	m	20	30	30
	Max. Height	m	15	15	15

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Model	Indoor unit		GTH18K3CI	GTH24K3CI	GTH30K3CI
	Outdoor unit		GUHD18NK3C1O	GUHD24NK3C1O	GUHD30NK3C1O
Nominal Capacity	Cooling	kW	5.3	7	8.8
		Btu/h	18000	24000	30000
	Heating	kW	6.15	8	9.5
		Btu/h	21000	27000	32400
Power Input	Cooling	kW	1.65	2.18	2.74
	Heating	kW	1.7	2.21	2.63
EER/COP		W/W	3.21/3.61	3.21/3.62	3.21/3.61
Indoor Unit			GTH18K3CI	GTH24K3CI	GTH30K3CI
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Centrifugal fan		
	Drive	—	Direct	Direct	Direct
	Motor Output	kW	0.02×1	0.05×1	0.075×1
	Air Flow	m ³ /h	900/800/700	1200/1050/900	1600/1450/1300
Sound Pressure Level(H/M/L)		dB(A)	45/42/39	52/49/46	50/48/46
Air Filter		—	Standard washable synthetic		
Drain Piping		mm	Φ17×1.75	Φ17×1.75	Φ17×1.75
Dimensions (W×H×D) (Outline/Package)		mm	1220×225×700	1220×225×700	1420×245×700
			1343×315×823	1343×315×823	1548×345×828
Weight(Net/Gross)		kg	42/51	43/52	51/58
Outdoor Unit			GUHD18NK3C1O	GUHD24NK3C1O	GUHD30NK3C1O
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Axial fan		
	Fan Motor Speed	rpm	840	840	840
Compressor	Type	—	ROTARY	ROTARY	ROTARY
	Power Input	W	1630	2200	2200
Refrigerant	Type	—	R410A		
	Control	—	Electronic Expansion Valve		
	Charge	kg	1.4	2.4	2.6
Dimensions (W×H×D) (Outline/Package)		mm	955×700×396	980×790×427	980×790×427
			1029×750×458	1083×855×488	1083×855×488
Weight(Net/Gross)		kg	46/51	65/70	68/74
Piping Connections	Liquid	Inch	Φ1/4	Φ3/8	Φ3/8
	Gas	Inch	Φ1/2	Φ5/8	Φ5/8
	Max. Length	m	20	30	30
	Max. Height	m	15	15	15

Model	Indoor unit		GTH36K3CI	GTH36K3CI	GTH42K3CI
	Outdoor unit		GUHD36NK3CO	GUHD36NM3CO	GUHD42NK3CO
Nominal Capacity	Cooling	kW	10.5	10.5	11.5
		Btu/h	35826	35800	39238
	Heating	kW	11.5	11.5	12.5
		Btu/h	39238	39238	42650
Power Input	Cooling	kW	3.27	3.27	3.58
	Heating	kW	3.18	3.18	3.46
EER/COP		W/W	3.21/3.61	3.21/3.61	3.21/3.61
Indoor Unit			GTH36K3CI	GTH42K3CI	GTH42K3CI
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil		Cross Fin Coil
Fan	Type	—	Centrifugal fan		Centrifugal fan
	Drive	—	Direct	Direct	Direct
	Motor Output	kW	0.15	0.15	0.15
	Air Flow	m ³ /h	2000/1630/1520	2000/1630/1520	2000/1630/1520
Sound Pressure Level(H/M/L)		dB(A)	54/51/48	54/51/48	54/51/48
Air Filter		—	Standard washable synthetic		
Drain Piping		mm	Φ17×1.75	Φ17×1.75	Φ17×1.75
Dimensions (W×H×D) (Outline/Package)		mm	1420×245×700	1420×245×700	1420×245×700
			1548×345×828	1548×345×828	1548×345×828
Weight(Net/Gross)		kg	53/61	53/61	55/63
Outdoor Unit			GUHD36NK3CO	GUHD36NM3CO	GUHD42NK3CO
Power Supply		—	220-240V~ 50Hz	380-415V 3N~ 50Hz	220-240V~ 50Hz
Heat Exchange		—	Cross Fin Coil		Cross Fin Coil
Fan	Type	—	Axial fan		Axial fan
	Fan Motor Speed	rpm	820±20		820±20
Compressor	Type	—	ROTARY		ROTARY
	Power Input	W	3010±7.5%		3010±7.5%
Refrigerant	Type	—	R410A		R410A
	Control	—	Electronic Expansion Valve		
	Charge	kg	3.8	3.8	3.8
Dimensions (W×H×D) (Outline/Package)		mm	1107×1100×440		1107×1100×440
			1158×1235×493		1158×1235×493
Weight(Net/Gross)		kg	90/101	90/101	92/103
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8	Φ3/8
	Gas	Inch	Φ5/8	Φ5/8	Φ5/8
	Max. Length	m	30	30	50
	Max. Height	m	15	15	30

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Model	Indoor unit		GTH36K3CI	GTH36K3CI	GTH42K3CI
	Outdoor unit		GUHD36NK3C1O	GUHD36NM3C1O	GUHD42NK3C1O
Nominal Capacity	Cooling	kW	10.5	10.5	11.5
		Btu/h	35800	35800	39238
	Heating	kW	11.2	11.2	12.5
		Btu/h	38200	38200	42650
Power Input	Cooling	kW	3.27	3.27	3.58
	Heating	kW	3.10	3.10	3.46
EER/COP		W/W	3.21/3.61	3.21/3.61	3.21/3.61
Indoor Unit			GTH36K3CI	GTH36K3CI	GTH42K3CI
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil		Cross Fin Coil
Fan	Type	—	Centrifugal fan		Centrifugal fan
	Drive	—	Direct	Direct	Direct
	Motor Output	kW	0.15	0.15	0.15
	Air Flow	m ³ /h	2000/1630/1520	2000/1630/1520	2000/1630/1520
Sound Pressure Level(H/M/L)		dB(A)	54/51/48	54/51/48	54/51/48
Air Filter		—	Standard washable synthetic		
Drain Piping		mm	Φ17×1.75	Φ17×1.75	Φ17×1.75
Dimensions (W×H×D) (Outline/Package)		mm	1420×245×700	1420×245×700	1420×245×700
			1548×345×828	1548×345×828	1548×345×828
Weight(Net/Gross)		kg	53/61	53/61	55/63
Outdoor Unit			GUHD36NK3C1O	GUHD36NM3C1O	GUHD42NK3C1O
Power Supply		—	220-240V~ 50Hz	380-415V 3N~ 50Hz	220-240V~ 50Hz
Heat Exchange		—	Cross Fin Coil		Cross Fin Coil
Fan	Type	—	Axial fan		Axial fan
	Fan Motor Speed	rpm	900		900
Compressor	Type	—	ROTARY		ROTARY
	Power Input	W	3010±7.5%		3010±7.5%
Refrigerant	Type	—	R410A		R410A
	Control	—	Electronic Expansion Valve		
	Charge	kg	3.8	3.8	3.8
Dimensions (W×H×D) (Outline/Package)		mm	1107×1100×440		1107×1100×440
			1158×1235×493		1158×1235×493
Weight(Net/Gross)		kg	89/100	88/99	89/100
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8	Φ3/8
	Gas	Inch	Φ5/8	Φ5/8	Φ5/8
	Max. Length	m	30	30	50
	Max. Height	m	15	15	30

Model	Indoor unit		GTH42K3CI	GTH48K3CI	GTH48K3CI
	Outdoor unit		GUHD42NM3CO	GUHD48NK3CO	GUHD48NM3CO
Nominal Capacity	Cooling	kW	11.5	14	14
		Btu/h	39238	48000	48000
	Heating	kW	12.5	16.5	16.5
		Btu/h	42650	56300	56300
Power Input	Cooling	kW	3.58	4.2	4.2
	Heating	kW	3.46	4.4	4.4
EER/COP		W/W	3.21/3.61	3.33/3.75	3.33/3.75
Indoor Unit			GTH42K3CI	GTH48K3CI	GTH48K3CI
Power Supply		—	220-240V~ 50Hz		
Heat Exchange		—	Cross Fin Coil		
Fan	Type	—	Centrifugal fan		
	Drive	—	Direct		
	Motor Output	kW	0.15	0.18	0.18
	Air Flow	m ³ /h	2000/1630/1520	2300/2100/1900	2300/2100/1900
Sound Pressure Level(H/M/L)		dB(A)	54/51/48	58/55/52	58/55/52
Air Filter		—	Standard washable synthetic		
Drain Piping		mm	Φ17×2.5	Φ17×1.75	Φ17×1.75
Dimensions (W×H×D) (Outline/Package)		mm	1420×245×700	1700×245×700	1700×245×700
			1548×345×828	1828×345×828	1828×345×828
Weight(Net/Gross)		kg	55/63	64/72	64/72
Outdoor Unit			GUHD42NM3CO	GUHD48NK3CO	GUHD48NM3CO
Power Supply		—	380-415V 3N~ 50Hz	220-240V~ 50Hz	380-415V 3N~ 50Hz
Heat Exchange		—	Cross Fin Coil		Cross Fin Coil
Fan	Type	—	Axial fan		Axial fan
	Fan Motor Speed	rpm	820±20	690	690
Compressor	Type	—	ROTARY		ROTARY
	Power Input	W	3010±7.5%	4220	4220
Refrigerant	Type	—	R410A		
	Control	—	Electronic Expansion Valve		
	Charge	kg	3.8	4.3	4.3
Dimensions (W×H×D) (Outline/Package)		mm	1107×1100×440	1085×1365×427	1085×1365×427
			1158×1235×493	1143×1505×478	1143×1505×478
Weight(Net/Gross)		kg	92/103	116/128	116/128
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8	Φ3/8
	Gas	Inch	Φ5/8	Φ5/8	Φ5/8
	Max. Length	m	50	50	50
	Max. Height	m	30	30	30

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Model	Indoor unit		GTH42K3CI	GTH48K3CI	GTH48K3CI	
	Outdoor unit		GUHD42NM3C1O	GUHD48NK3C1O	GUHD48NM3C1O	
Nominal Capacity	Cooling	kW	11.3	14	14	
		Btu/h	38555	48000	48000	
	Heating	kW	12.5	16.0	16.0	
		Btu/h	42650	54600	54600	
Power Input	Cooling	kW	3.52	4.36	4.36	
	Heating	kW	3.46	4.43	4.43	
EER/COP		W/W	3.21/3.61	3.21/3.61	3.21/3.61	
Indoor Unit			GTH42K3CI	GTH48K3CI	GTH48K3CI	
Power Supply		—	220-240V~ 50Hz			
Heat Exchange		—	Cross Fin Coil			
Fan	Type	—	Centrifugal fan			
	Drive	—	Direct			
	Motor Output	kW	0.15	0.18	0.18	
	Air Flow	m ³ /h	2000/1630/1520	2300/2100/1900	2300/2100/1900	
Sound Pressure Level(H/M/L)		dB(A)	54/51/48	58/55/52	58/55/52	
Air Filter		—	Standard washable synthetic			
Drain Piping		mm	Φ17×1.75	Φ17×1.75	Φ17×1.75	
Dimensions (W×H×D) (Outline/Package)		mm	1420×245×700		1700×245×700	
			1548×345×828		1828×345×828	
Weight(Net/Gross)		kg	55/63	64/72	64/72	
Outdoor Unit			GUHD42NM3C1O	GUHD48NK3C1O	GUHD48NM3C1O	
Power Supply		—	380-415V 3N~ 50Hz	220-240V~ 50Hz	380-415V 3N~ 50Hz	
Heat Exchange		—	Cross Fin Coil			
Fan	Type	—	Axial fan			
	Fan Motor Speed	rpm	900	840	840	
Compressor	Type	—	ROTARY		ROTARY	
	Power Input	W	3010±7.5%	4220	4220	
Refrigerant	Type	—	R410A			
	Control	—	Electronic Expansion Valve			
	Charge	kg	3.8	4.3	4.3	
Dimensions (W×H×D) (Outline/Package)		mm	1107×1100×440		1085×1365×427	
		mm	1158×1235×493		1143×1505×478	
Weight(Net/Gross)		kg	88/99	116/128	116/128	
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8	Φ3/8	
	Gas	Inch	Φ5/8	Φ5/8	Φ5/8	
	Max. Length	m	50	50	50	
	Max. Height	m	30	30	30	

Model	Indoor unit		GTH60K3CI	GTH60K3CI
	Outdoor unit		GUHD60NM3CO	GUHD60NM3C1O
Nominal Capacity	Cooling	kW	16	16
		Btu/h	54500	54500
	Heating	kW	17.5	17.5
		Btu/h	59700	59700
Power Input	Cooling	kW	4.98	4.98
	Heating	kW	4.84	4.84
EER/COP		W/W	3.21/3.62	3.21/3.62
Indoor Unit			GTH60K3CI	GTH60K3CI
Power Supply		—	220-240V~ 50Hz	
Heat Exchange		—	Cross Fin Coil	
Fan	Type	—	Centrifugal fan	
	Drive	—	Direct	Direct
	Motor Output	kW	0.25×1	0.25×1
	Air Flow	m ³ /h	2300/2100/1900	2300/2100/1900
Sound Pressure Level(H/M/L)		dB(A)	58/55/52	58/55/52
Air Filter		—	Standard washable synthetic	
Drain Piping		mm	Φ17×1.75	Φ17×1.75
Dimensions (W×H×D) (Outline/Package)		mm	1700×245×700	1700×245×700
			1828×345×828	1828×345×828
Weight(Net/Gross)		kg	65/73	65/73
Outdoor Unit			GUHD60NM3CO	GUHD60NM3C1O
Power Supply		—	380-415V 3N~ 50Hz	
Heat Exchange		—	Cross Fin Coil	
Fan	Type	—	Axial fan	
	Fan Motor Speed	rpm	800±20	840
Compressor	Type	—	ROTARY	ROTARY
	Power Input	W	4220	4220
Refrigerant	Type	—	R410A	
	Control	—	Electronic Expansion Valve	
	Charge	kg	5.5	5.5
Dimensions (W×H×D) (Outline/Package)		mm	1085×1365×427	1085×1365×427
			1143×1505×478	1143×1505×478
Weight(Net/Gross)		kg	121/133	118/130
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8
	Gas	Inch	Φ3/4	Φ3/4
	Max. Length	m	50	50
	Max. Height	m	30	30

Note:

1. The design of this unit conforms to the requirements of EN14511 standard.
2. The air volume is measured at the relevant standard external static pressure.
3. Cooling (heating) capacity stated above is measured under nominal working conditions corresponding to standard external static pressure. The parameters are subject to change with the improvement of products, in which case the values on nameplate shall prevail.

Mode	Indoor	Outdoor
Cooling	DB:27°C(80.6 °F) WB:19°C (66.2 °F)	DB:35°C (95 °F) WB:24°C(75.2 °F)
Heating	DB:20°C (68 °F) WB:--°C (-- °F)	DB:7°C (44.6 °F) WB:6°C (42.8 °F)
Piping Length	5m	

4.2 Operation Range

Mode	Range of Outdoor Temperature °C(°F)
Cooling	-15°C(5°F) / 18°C(64°F) — 48°C (118°F)
Heating	-7°C(20°F) — 24°C (75°F)

4.3 Cooling Performance (SI Units)

Notes:
 DB: Dry Bulb Temperature(°C) WB: Wet Bulb Temperature(°C) AFR: Air Flow Rate(Unit:M³/hr)
 TC: Total Capacity(Unit:kW) SHC: Sensible Heat Capacity(Unit:kW)
 PI: Power Input(Unit:kW), Sum of Compressor, Outdoor Fan Power Input & Indoor Fan Power Input

4.3.1 GUHD*N*3CO with GFH*K3CI

Outdoor Unit: GUHD09NK3CO Indoor Unit: GFH09K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)														
	DB(°C)	WB(°C)	18			21			25			30			35		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
640	18	9	1.2	0.6	0.4	1.3	0.6	0.4	1.5	0.8	0.4	1.6	0.9	0.5	1.6	0.9	0.6
		12	1.3	0.4	0.4	1.4	0.4	0.4	1.6	0.5	0.5	1.6	0.6	0.5	1.7	0.6	0.6
		15	1.5	0.4	0.4	1.6	0.4	0.5	1.9	0.5	0.5	2.0	0.6	0.6	2.0	0.6	0.7
	21	12	1.5	0.9	0.5	1.6	1.0	0.5	1.9	1.2	0.5	2.0	1.3	0.6	2.0	1.4	0.7
		15	1.6	0.7	0.5	1.7	0.8	0.5	1.9	1.0	0.5	2.0	1.1	0.6	2.1	1.2	0.7
		19	1.8	0.6	0.5	1.9	0.6	0.5	2.2	0.8	0.6	2.3	0.8	0.7	2.4	0.9	0.8
	24	16	1.6	0.9	0.5	1.7	1.0	0.5	2.0	1.2	0.5	2.1	1.3	0.6	2.2	1.5	0.7
		19	1.8	0.9	0.5	2.0	1.0	0.5	2.3	1.2	0.6	2.4	1.3	0.7	2.5	1.4	0.8
		23	1.8	0.4	0.5	1.9	0.5	0.6	2.2	0.6	0.6	2.3	0.6	0.7	2.4	0.7	0.8
	27	16	1.7	1.1	0.5	1.8	1.2	0.5	2.1	1.5	0.6	2.2	1.7	0.6	2.3	1.8	0.8
		19	1.9	1.1	0.5	2.0	1.2	0.5	2.3	1.5	0.6	2.4	1.7	0.7	2.5	1.8	0.8
		23	2.0	0.7	0.5	2.1	0.8	0.6	2.5	1.0	0.6	2.6	1.1	0.7	2.7	1.2	0.8
29	19	1.9	1.2	0.5	2.0	1.3	0.6	2.4	1.6	0.6	2.5	1.8	0.7	2.6	1.9	0.8	
	16	1.8	1.2	0.5	1.9	1.4	0.5	2.2	1.7	0.6	2.3	1.9	0.7	2.4	2.0	0.8	
	19	1.9	1.2	0.5	2.1	1.4	0.6	2.4	1.7	0.6	2.5	1.9	0.7	2.6	2.1	0.8	
30	23	2.0	1.0	0.5	2.2	1.2	0.6	2.5	1.4	0.6	2.6	1.6	0.7	2.7	1.7	0.8	
	16	1.9	1.3	0.5	2.0	1.5	0.5	2.3	1.8	0.6	2.4	2.0	0.7	2.5	2.2	0.8	
	19	2.0	1.4	0.5	2.1	1.6	0.6	2.5	1.9	0.6	2.6	2.1	0.7	2.7	2.3	0.8	
32	23	2.2	1.4	0.5	2.4	1.5	0.6	2.7	1.9	0.6	2.9	2.1	0.7	2.9	2.3	0.8	
	9	1.3	0.6	0.4	1.4	0.7	0.4	1.6	0.9	0.4	1.7	1.0	0.5	1.7	1.0	0.6	
	12	1.3	0.4	0.4	1.4	0.5	0.4	1.7	0.6	0.5	1.7	0.6	0.5	1.8	0.7	0.6	
720	18	15	1.6	0.4	0.4	1.7	0.5	0.5	2.0	0.6	0.5	2.1	0.6	0.6	2.1	0.7	0.7
		12	1.6	0.9	0.5	1.7	1.1	0.5	2.0	1.3	0.5	2.1	1.4	0.6	2.1	1.6	0.7
		15	1.6	0.8	0.5	1.7	0.9	0.5	2.0	1.1	0.5	2.1	1.2	0.6	2.2	1.3	0.7
	21	19	1.9	0.6	0.5	2.0	0.7	0.5	2.4	0.8	0.6	2.5	0.9	0.7	2.5	1.0	0.8
		16	1.7	1.0	0.5	1.8	1.1	0.5	2.1	1.3	0.5	2.2	1.5	0.6	2.3	1.6	0.7
		19	1.9	0.9	0.5	2.1	1.1	0.5	2.4	1.3	0.6	2.5	1.4	0.7	2.6	1.6	0.8
	24	23	1.9	0.4	0.5	2.0	0.5	0.6	2.4	0.6	0.6	2.5	0.7	0.7	2.5	0.7	0.8
		16	1.8	1.2	0.5	1.9	1.4	0.5	2.2	1.7	0.6	2.3	1.9	0.7	2.4	2.0	0.8
		19	2.0	1.2	0.5	2.1	1.4	0.6	2.5	1.7	0.6	2.6	1.8	0.7	2.6	2.0	0.8
	27	23	2.1	0.8	0.5	2.2	0.9	0.6	2.6	1.1	0.6	2.7	1.2	0.7	2.8	1.4	0.8
		19	2.0	1.3	0.5	2.2	1.5	0.6	2.5	1.8	0.6	2.6	2.0	0.7	2.7	2.1	0.8
		16	1.9	1.3	0.5	2.0	1.5	0.5	2.3	1.9	0.6	2.4	2.1	0.7	2.5	2.2	0.8
29	19	2.0	1.4	0.5	2.2	1.5	0.6	2.5	1.9	0.6	2.6	2.1	0.7	2.7	2.3	0.8	
	23	2.1	1.1	0.5	2.3	1.3	0.6	2.7	1.6	0.6	2.8	1.7	0.7	2.9	1.9	0.8	
	16	2.0	1.5	0.5	2.1	1.7	0.6	2.5	2.0	0.6	2.6	2.2	0.7	2.6	2.4	0.8	
30	19	2.1	1.5	0.5	2.2	1.7	0.6	2.6	2.1	0.6	2.7	2.4	0.7	2.8	2.6	0.8	
	23	2.2	1.4	0.5	2.4	1.6	0.6	2.7	2.0	0.6	2.9	2.2	0.7	2.9	2.4	0.8	
	9	1.3	0.7	0.4	1.4	0.8	0.4	1.6	0.9	0.4	1.7	1.0	0.5	1.7	1.1	0.6	
800	18	12	1.4	0.4	0.4	1.5	0.5	0.4	1.7	0.6	0.5	1.8	0.7	0.5	1.8	0.7	0.6
		15	1.6	0.5	0.4	1.7	0.5	0.5	2.0	0.6	0.5	2.1	0.7	0.6	2.2	0.8	0.7
		12	1.6	1.0	0.5	1.7	1.2	0.5	2.0	1.4	0.5	2.1	1.6	0.6	2.2	1.7	0.7
	21	15	1.7	0.8	0.5	1.8	1.0	0.5	2.1	1.2	0.5	2.2	1.3	0.6	2.2	1.4	0.7
		19	1.9	0.7	0.5	2.1	0.8	0.5	2.4	0.9	0.6	2.5	1.0	0.7	2.6	1.1	0.8
		16	1.7	1.1	0.5	1.9	1.2	0.5	2.2	1.5	0.5	2.3	1.6	0.6	2.3	1.8	0.7
	24	19	2.0	1.0	0.5	2.1	1.2	0.6	2.5	1.4	0.6	2.6	1.6	0.7	2.6	1.7	0.8
		23	1.9	0.5	0.5	2.1	0.5	0.6	2.4	0.7	0.6	2.5	0.7	0.7	2.6	0.8	0.8
		16	1.8	1.3	0.5	1.9	1.5	0.5	2.3	1.8	0.6	2.4	2.0	0.7	2.4	2.2	0.8
	27	19	2.0	1.3	0.5	2.2	1.5	0.6	2.5	1.8	0.6	2.6	2.0	0.7	2.7	2.2	0.8
		23	2.1	0.9	0.5	2.3	1.0	0.6	2.7	1.2	0.6	2.8	1.4	0.7	2.9	1.5	0.8
		19	2.1	1.4	0.5	2.2	1.6	0.6	2.6	2.0	0.6	2.7	2.2	0.7	2.8	2.3	0.8
29	16	1.9	1.5	0.5	2.0	1.7	0.5	2.4	2.1	0.6	2.5	2.3	0.7	2.6	2.5	0.8	
	19	2.1	1.5	0.5	2.2	1.7	0.6	2.6	2.1	0.6	2.7	2.3	0.7	2.8	2.5	0.8	
	23	2.2	1.2	0.5	2.3	1.4	0.6	2.7	1.7	0.6	2.8	1.9	0.7	2.9	2.0	0.8	
30	16	2.0	1.6	0.5	2.2	1.8	0.6	2.5	2.2	0.6	2.6	2.5	0.7	2.7	2.7	0.8	
	19	2.1	1.7	0.5	2.3	1.9	0.6	2.7	2.3	0.6	2.8	2.6	0.7	2.9	2.8	0.8	
	23	2.2	1.5	0.5	2.4	1.7	0.6	2.7	2.1	0.6	2.9	2.3	0.7	2.9	2.5	0.8	

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AFR	Indoor temperature		Outdoor temperature DB (°C)														
			18			21			25			30			35		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
880	18	9	1.3	0.5	0.4	1.4	0.6	0.4	1.7	0.7	0.4	1.7	0.8	0.5	1.8	1.2	0.6
		12	1.4	0.3	0.4	1.5	0.4	0.4	1.7	0.5	0.5	1.8	0.5	0.5	1.9	0.8	0.6
		15	1.7	0.3	0.4	1.8	0.4	0.5	2.1	0.5	0.5	2.2	0.5	0.6	2.2	0.8	0.7
	21	12	1.7	0.8	0.5	1.8	0.9	0.5	2.1	1.1	0.5	2.2	1.2	0.6	2.2	1.8	0.7
		15	1.7	0.6	0.5	1.8	0.7	0.5	2.1	0.9	0.6	2.2	1.0	0.6	2.3	1.5	0.7
		19	2.0	0.5	0.5	2.1	0.6	0.6	2.5	0.7	0.6	2.6	0.8	0.7	2.6	1.2	0.8
	24	16	1.8	0.8	0.5	1.9	0.9	0.5	2.2	1.1	0.6	2.3	1.2	0.6	2.4	1.9	0.7
		19	2.0	0.8	0.5	2.2	0.9	0.6	2.5	1.1	0.6	2.6	1.2	0.7	2.7	1.8	0.8
		23	2.0	0.4	0.5	2.1	0.4	0.6	2.5	0.5	0.6	2.6	0.5	0.7	2.6	0.8	0.8
	27	16	1.9	1.0	0.5	2.0	1.1	0.5	2.3	1.4	0.6	2.4	1.5	0.7	2.5	2.3	0.8
		19	2.1	1.0	0.5	2.2	1.1	0.6	2.6	1.3	0.6	2.7	1.5	0.7	2.8	2.3	0.8
		23	2.2	0.7	0.5	2.3	0.7	0.6	2.7	0.9	0.6	2.8	1.0	0.7	2.9	1.6	0.8
	29	19	2.1	1.0	0.5	2.2	1.2	0.6	2.6	1.4	0.6	2.7	1.6	0.7	2.8	2.5	0.8
		23	2.2	0.9	0.5	2.3	1.0	0.6	2.8	1.3	0.6	2.9	1.4	0.7	3.0	2.2	0.8
	30	16	2.0	1.1	0.5	2.1	1.2	0.6	2.4	1.5	0.6	2.5	1.7	0.7	2.6	2.6	0.8
		19	2.1	1.1	0.5	2.3	1.2	0.6	2.6	1.5	0.6	2.8	1.7	0.7	2.8	2.6	0.8
		23	2.2	0.9	0.5	2.4	1.0	0.6	2.8	1.3	0.6	2.9	1.4	0.7	3.0	2.2	0.8
	32	16	2.1	1.2	0.5	2.2	1.3	0.6	2.6	1.6	0.6	2.7	1.8	0.7	2.7	2.8	0.8
		19	2.2	1.2	0.5	2.3	1.4	0.6	2.7	1.7	0.6	2.8	1.9	0.7	2.9	2.9	0.8
		23	2.2	1.1	0.5	2.4	1.2	0.6	2.7	1.5	0.6	2.9	1.7	0.7	2.9	2.6	0.8
	960	18	9	1.4	0.4	0.4	1.4	0.4	0.4	1.7	0.5	0.5	1.7	0.6	0.5	1.8	1.2
12			1.4	0.2	0.4	1.5	0.3	0.4	1.7	0.3	0.5	1.8	0.4	0.5	1.9	0.8	0.6
15			1.7	0.2	0.5	1.8	0.3	0.5	2.1	0.3	0.5	2.2	0.4	0.6	2.3	0.8	0.7
21		12	1.7	0.6	0.5	1.8	0.6	0.5	2.1	0.8	0.5	2.2	0.8	0.6	2.2	1.8	0.7
		15	1.7	0.5	0.5	1.8	0.5	0.5	2.1	0.6	0.6	2.2	0.7	0.6	2.3	1.5	0.7
		19	2.0	0.4	0.5	2.1	0.4	0.6	2.5	0.5	0.6	2.6	0.5	0.7	2.7	1.2	0.8
24		16	1.8	0.6	0.5	1.9	0.6	0.5	2.2	0.8	0.6	2.3	0.9	0.6	2.4	1.9	0.7
		19	2.0	0.5	0.5	2.2	0.6	0.6	2.5	0.8	0.6	2.6	0.8	0.7	2.7	1.8	0.8
		23	2.0	0.3	0.5	2.1	0.3	0.6	2.5	0.4	0.6	2.6	0.4	0.7	2.7	0.9	0.8
27		16	1.9	0.7	0.5	2.0	0.8	0.6	2.3	1.0	0.6	2.4	1.1	0.7	2.5	2.3	0.8
		19	2.1	0.7	0.5	2.2	0.8	0.6	2.6	1.0	0.6	2.7	1.1	0.7	2.8	2.3	0.8
		23	2.2	0.5	0.5	2.4	0.5	0.6	2.7	0.7	0.6	2.9	0.7	0.7	2.9	1.6	0.8
29		19	2.1	0.8	0.5	2.3	0.9	0.6	2.6	1.0	0.6	2.8	1.2	0.7	2.8	2.5	0.8
		23	2.2	0.7	0.5	2.4	0.7	0.6	2.8	0.9	0.6	2.9	1.0	0.7	3.0	2.2	0.8
30		16	2.0	0.8	0.5	2.1	0.9	0.6	2.5	1.1	0.6	2.6	1.2	0.7	2.6	2.6	0.8
		19	2.1	0.8	0.5	2.3	0.9	0.6	2.7	1.1	0.6	2.8	1.2	0.7	2.9	2.7	0.8
		23	2.3	0.7	0.5	2.4	0.7	0.6	2.8	0.9	0.6	2.9	1.0	0.7	3.0	2.2	0.8
32		16	2.1	0.9	0.5	2.2	1.0	0.6	2.6	1.2	0.6	2.7	1.3	0.7	2.8	2.8	0.8
		19	2.2	0.9	0.5	2.4	1.0	0.6	2.7	1.3	0.6	2.9	1.4	0.7	2.9	3.0	0.8
		23	2.2	0.8	0.5	2.4	0.9	0.6	2.7	1.1	0.6	2.9	1.2	0.7	2.9	2.6	0.8

AFR	Indoor temperature		Outdoor temperature DB (°C)												
			39			43			46			48			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
640	18	9	1.6	0.9	0.6	1.3	0.8	0.5	1.2	0.7	0.5	1.1	0.7	0.5	
		12	1.7	0.6	0.7	1.4	0.5	0.5	1.3	0.5	0.5	1.2	0.5	0.5	
		15	2.0	0.6	0.7	1.6	0.5	0.6	1.5	0.5	0.6	1.4	0.5	0.6	
	21	12	2.0	1.4	0.8	1.6	1.2	0.6	1.5	1.1	0.6	1.4	1.1	0.6	
		15	2.0	1.2	0.8	1.7	1.0	0.6	1.6	0.9	0.6	1.5	0.9	0.6	
		19	2.4	0.9	0.8	1.9	0.8	0.7	1.8	0.7	0.7	1.7	0.7	0.7	
	24	16	2.1	1.4	0.8	1.7	1.2	0.6	1.6	1.2	0.6	1.5	1.1	0.6	
		19	2.4	1.4	0.8	2.0	1.2	0.7	1.8	1.1	0.7	1.7	1.1	0.7	
		23	2.4	0.7	0.9	1.9	0.6	0.7	1.8	0.5	0.7	1.7	0.5	0.7	
	27	16	2.2	1.8	0.8	1.8	1.5	0.7	1.7	1.4	0.6	1.6	1.4	0.7	
		19	2.5	1.8	0.9	2.0	1.5	0.7	1.9	1.4	0.7	1.8	1.4	0.7	
		23	2.6	1.2	0.9	2.1	1.0	0.7	2.0	1.0	0.7	1.9	0.9	0.7	
	29	19	2.5	1.9	0.9	2.0	1.6	0.7	1.9	1.5	0.7	1.8	1.5	0.7	
	30	16	2.3	2.0	0.8	1.9	1.7	0.7	1.8	1.6	0.7	1.7	1.5	0.7	
		19	2.5	2.0	0.9	2.1	1.7	0.7	1.9	1.6	0.7	1.8	1.6	0.7	
		23	2.7	1.7	0.9	2.2	1.4	0.7	2.0	1.3	0.7	1.9	1.3	0.7	
	32	16	2.5	2.2	0.9	2.0	1.8	0.7	1.9	1.7	0.7	1.8	1.6	0.7	
		19	2.6	2.3	0.9	2.1	1.9	0.7	2.0	1.8	0.7	1.9	1.7	0.7	
		23	2.9	2.2	0.9	2.4	1.9	0.7	2.2	1.8	0.7	2.1	1.7	0.7	
	720	18	9	1.7	1.0	0.6	1.4	0.9	0.5	1.3	0.8	0.5	1.2	0.8	0.5
			12	1.7	0.7	0.7	1.4	0.6	0.6	1.3	0.5	0.5	1.2	0.5	0.5
			15	2.1	0.7	0.7	1.7	0.6	0.6	1.6	0.5	0.6	1.5	0.5	0.6
		21	12	2.1	1.6	0.8	1.7	1.3	0.6	1.6	1.2	0.6	1.5	1.2	0.6
			15	2.1	1.3	0.8	1.7	1.1	0.6	1.6	1.0	0.6	1.5	1.0	0.6
19			2.5	1.0	0.8	2.0	0.8	0.7	1.9	0.8	0.7	1.8	0.8	0.7	
24		16	2.2	1.6	0.8	1.8	1.3	0.6	1.7	1.3	0.6	1.6	1.2	0.6	
		19	2.5	1.5	0.9	2.1	1.3	0.7	1.9	1.2	0.7	1.8	1.2	0.7	
		23	2.5	0.7	0.9	2.0	0.6	0.7	1.9	0.6	0.7	1.8	0.6	0.7	
27		16	2.3	2.0	0.8	1.9	1.7	0.7	1.8	1.6	0.7	1.7	1.5	0.7	
		19	2.6	2.0	0.9	2.1	1.6	0.7	2.0	1.6	0.7	1.9	1.5	0.7	
		23	2.7	1.3	0.9	2.2	1.1	0.7	2.1	1.1	0.7	2.0	1.0	0.7	
29		19	2.6	2.1	0.9	2.2	1.8	0.7	2.0	1.7	0.7	1.9	1.6	0.7	
30		16	2.5	2.2	0.8	2.0	1.8	0.7	1.9	1.7	0.7	1.8	1.6	0.7	
		19	2.7	2.3	0.9	2.2	1.9	0.7	2.0	1.8	0.7	1.9	1.7	0.7	
		23	2.8	1.8	0.9	2.3	1.5	0.7	2.1	1.5	0.7	2.0	1.4	0.7	
32		16	2.6	2.4	0.9	2.1	2.0	0.7	2.0	1.8	0.7	1.8	1.7	0.7	
		19	2.7	2.5	0.9	2.2	2.1	0.7	2.1	2.0	0.7	2.0	1.8	0.7	
		23	2.9	2.3	0.9	2.4	1.9	0.7	2.2	1.9	0.7	2.1	1.8	0.7	
800		18	9	1.7	1.1	0.6	1.4	0.9	0.5	1.3	0.9	0.5	1.2	0.8	0.5
			12	1.8	0.7	0.7	1.5	0.6	0.6	1.4	0.6	0.5	1.3	0.6	0.5
			15	2.1	0.8	0.7	1.7	0.6	0.6	1.6	0.6	0.6	1.5	0.6	0.6
		21	12	2.1	1.7	0.8	1.7	1.4	0.6	1.6	1.4	0.6	1.5	1.3	0.6
			15	2.2	1.4	0.8	1.8	1.2	0.7	1.7	1.1	0.6	1.6	1.1	0.6
	19		2.5	1.1	0.9	2.1	0.9	0.7	1.9	0.9	0.7	1.8	0.8	0.7	
	24	16	2.3	1.7	0.8	1.9	1.5	0.7	1.7	1.4	0.6	1.6	1.3	0.6	
		19	2.6	1.7	0.9	2.1	1.4	0.7	2.0	1.4	0.7	1.9	1.3	0.7	
		23	2.5	0.8	0.9	2.1	0.7	0.7	1.9	0.6	0.7	1.8	0.6	0.7	
	27	16	2.4	2.2	0.8	1.9	1.8	0.7	1.8	1.7	0.7	1.7	1.7	0.7	
		19	2.6	2.2	0.9	2.2	1.8	0.7	2.0	1.7	0.7	1.9	1.6	0.7	
		23	2.8	1.5	0.9	2.3	1.2	0.7	2.1	1.2	0.7	2.0	1.1	0.7	
	29	19	2.7	2.3	0.9	2.2	1.9	0.7	2.1	1.8	0.7	1.9	1.8	0.7	
	30	16	2.5	2.4	0.9	2.0	2.0	0.7	1.9	1.9	0.7	1.8	1.8	0.7	
		19	2.7	2.5	0.9	2.2	2.1	0.7	2.1	2.0	0.7	1.9	1.9	0.7	
		23	2.9	2.0	0.9	2.3	1.7	0.7	2.2	1.6	0.7	2.0	1.5	0.7	
	32	16	2.6	2.6	0.9	2.2	2.2	0.7	2.0	2.0	0.7	1.9	1.9	0.7	
		19	2.8	2.8	0.9	2.3	2.3	0.7	2.1	2.1	0.7	2.0	2.0	0.7	
		23	2.9	2.5	0.9	2.4	2.1	0.7	2.2	2.0	0.7	2.1	1.9	0.7	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)											
			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
880	18	9	1.7	0.8	0.7	1.4	0.7	0.5	1.3	0.7	0.5	1.2	0.6	0.5
		12	1.8	0.5	0.7	1.5	0.4	0.6	1.4	0.4	0.5	1.3	0.4	0.5
		15	2.2	0.6	0.7	1.8	0.5	0.6	1.7	0.4	0.6	1.6	0.4	0.6
	21	12	2.2	1.3	0.8	1.8	1.0	0.6	1.7	1.0	0.6	1.6	0.9	0.6
		15	2.2	1.0	0.8	1.8	0.9	0.7	1.7	0.8	0.6	1.6	0.8	0.6
		19	2.6	0.8	0.9	2.1	0.7	0.7	2.0	0.6	0.7	1.9	0.6	0.7
	24	16	2.3	1.3	0.8	1.9	1.1	0.7	1.8	1.0	0.6	1.7	1.0	0.6
		19	2.6	1.2	0.9	2.2	1.0	0.7	2.0	1.0	0.7	1.9	0.9	0.7
		23	2.6	0.6	0.9	2.1	0.5	0.7	2.0	0.5	0.7	1.9	0.4	0.7
	27	16	2.4	1.6	0.9	2.0	1.3	0.7	1.9	1.3	0.7	1.7	1.2	0.7
		19	2.7	1.6	0.9	2.2	1.3	0.7	2.1	1.3	0.7	1.9	1.2	0.7
		23	2.9	1.1	0.9	2.3	0.9	0.7	2.2	0.9	0.7	2.0	0.8	0.7
	29	19	2.8	1.7	0.9	2.2	1.4	0.7	2.1	1.4	0.7	2.0	1.3	0.7
		23	2.9	1.5	0.9	2.4	1.2	0.7	2.2	1.2	0.7	2.1	1.1	0.7
	30	16	2.6	1.8	0.9	2.1	1.5	0.7	2.0	1.4	0.7	1.8	1.3	0.7
		19	2.8	1.8	0.9	2.3	1.5	0.7	2.1	1.4	0.7	2.0	1.4	0.7
		23	2.9	1.5	0.9	2.4	1.2	0.7	2.2	1.2	0.7	2.1	1.1	0.7
	32	16	2.7	1.9	0.9	2.2	1.6	0.7	2.1	1.5	0.7	1.9	1.4	0.7
19		2.9	2.0	0.9	2.3	1.7	0.7	2.2	1.6	0.7	2.0	1.5	0.7	
23		2.9	1.8	0.9	2.4	1.5	0.7	2.2	1.4	0.7	2.1	1.4	0.7	
960	18	9	1.8	0.6	0.7	1.4	0.5	0.5	1.4	0.5	0.5	1.3	0.5	0.5
		12	1.8	0.4	0.7	1.5	0.3	0.6	1.4	0.3	0.5	1.3	0.3	0.5
		15	2.2	0.4	0.8	1.8	0.3	0.6	1.7	0.3	0.6	1.6	0.3	0.6
	21	12	2.2	0.9	0.8	1.8	0.8	0.7	1.7	0.7	0.6	1.6	0.7	0.6
		15	2.3	0.7	0.8	1.8	0.6	0.7	1.7	0.6	0.6	1.6	0.6	0.6
		19	2.6	0.6	0.9	2.1	0.5	0.7	2.0	0.5	0.7	1.9	0.4	0.7
	24	16	2.4	0.9	0.8	1.9	0.8	0.7	1.8	0.7	0.6	1.7	0.7	0.6
		19	2.7	0.9	0.9	2.2	0.8	0.7	2.0	0.7	0.7	1.9	0.7	0.7
		23	2.6	0.4	0.9	2.1	0.4	0.8	2.0	0.3	0.7	1.9	0.3	0.7
	27	16	2.5	1.2	0.9	2.0	1.0	0.7	1.9	0.9	0.7	1.8	0.9	0.7
		19	2.7	1.2	0.9	2.2	1.0	0.7	2.1	0.9	0.7	1.9	0.9	0.7
		23	2.9	0.8	0.9	2.4	0.7	0.7	2.2	0.6	0.7	2.1	0.6	0.7
	29	19	2.8	1.2	0.9	2.3	1.0	0.7	2.1	1.0	0.7	2.0	0.9	0.7
		23	2.9	1.1	0.9	2.4	0.9	0.8	2.3	0.9	0.7	2.1	0.8	0.7
	30	16	2.6	1.3	0.9	2.1	1.1	0.7	2.0	1.0	0.7	1.8	1.0	0.7
		19	2.8	1.3	0.9	2.3	1.1	0.7	2.1	1.1	0.7	2.0	1.0	0.7
		23	2.9	1.1	0.9	2.4	0.9	0.8	2.3	0.9	0.7	2.1	0.8	0.7
	32	16	2.7	1.4	0.9	2.2	1.1	0.7	2.1	1.1	0.7	1.9	1.0	0.7
19		2.9	1.5	0.9	2.4	1.2	0.7	2.2	1.1	0.7	2.1	1.1	0.7	
23		2.9	1.3	0.9	2.4	1.1	0.7	2.2	1.0	0.7	2.1	1.0	0.7	

Outdoor Unit:GUHD12NK3CO Indoor Unit:GFH12K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)															
			18			21			25			30			35			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
672	18	9	1.6	0.7	0.5	1.7	0.8	0.6	2.0	1.0	0.6	2.0	1.1	0.7	2.1	1.2	0.8	
		12	1.6	0.5	0.5	1.8	0.5	0.6	2.0	0.7	0.6	2.1	0.7	0.7	2.2	0.8	0.8	
		15	2.0	0.5	0.6	2.1	0.6	0.6	2.5	0.7	0.7	2.6	0.8	0.8	2.6	0.8	0.9	
	21	12	2.0	1.1	0.6	2.1	1.3	0.7	2.4	1.5	0.7	2.5	1.7	0.8	2.6	1.8	1.0	
		15	2.0	0.9	0.6	2.1	1.0	0.7	2.5	1.3	0.7	2.6	1.4	0.8	2.7	1.5	1.0	
		19	2.3	0.7	0.7	2.5	0.8	0.7	2.9	1.0	0.8	3.0	1.1	0.9	3.1	1.2	1.1	
	24	16	2.1	1.1	0.6	2.2	1.3	0.7	2.6	1.6	0.7	2.7	1.7	0.8	2.8	1.9	1.0	
		19	2.4	1.1	0.7	2.6	1.3	0.7	3.0	1.5	0.8	3.1	1.7	0.9	3.2	1.8	1.1	
		23	2.3	0.5	0.7	2.5	0.6	0.8	2.9	0.7	0.8	3.0	0.8	0.9	3.1	0.9	1.1	
	27	16	2.2	1.4	0.7	2.3	1.6	0.7	2.7	2.0	0.8	2.8	2.2	0.9	2.9	2.4	1.0	
		19	2.4	1.4	0.7	2.6	1.6	0.8	3.0	2.0	0.8	3.2	2.2	0.9	3.3	2.3	1.1	
		23	2.6	1.0	0.7	2.8	1.1	0.8	3.2	1.3	0.8	3.3	1.5	0.9	3.5	1.6	1.1	
	29	19	2.5	1.5	0.7	2.7	1.7	0.8	3.1	2.1	0.8	3.2	2.3	0.9	3.3	2.5	1.1	
		30	16	2.3	1.6	0.7	2.5	1.8	0.7	2.9	2.2	0.8	3.0	2.4	0.9	3.1	2.6	1.1
			19	2.5	1.6	0.7	2.7	1.8	0.8	3.1	2.2	0.8	3.3	2.5	0.9	3.4	2.7	1.1
	23		2.6	1.3	0.7	2.8	1.5	0.8	3.3	1.8	0.8	3.4	2.0	0.9	3.5	2.2	1.1	
	32	16	2.4	1.7	0.7	2.6	1.9	0.8	3.0	2.4	0.8	3.1	2.6	0.9	3.2	2.9	1.1	
		19	2.6	1.8	0.7	2.8	2.0	0.8	3.2	2.5	0.8	3.3	2.8	0.9	3.5	3.0	1.1	
		23	2.9	1.8	0.7	3.1	2.0	0.8	3.6	2.5	0.8	3.7	2.7	1.0	3.8	2.9	1.1	
	756	18	9	1.7	0.8	0.5	1.8	0.9	0.6	2.1	1.1	0.6	2.2	1.2	0.7	2.2	1.3	0.8
			12	1.7	0.5	0.5	1.8	0.6	0.6	2.1	0.7	0.6	2.2	0.8	0.7	2.3	0.9	0.8
15			2.1	0.5	0.6	2.2	0.6	0.6	2.6	0.8	0.7	2.7	0.8	0.8	2.8	0.9	0.9	
21		12	2.1	1.2	0.6	2.2	1.4	0.7	2.6	1.7	0.7	2.7	1.9	0.8	2.8	2.0	1.0	
		15	2.1	1.0	0.6	2.3	1.1	0.7	2.6	1.4	0.7	2.7	1.5	0.8	2.8	1.7	1.0	
		19	2.5	0.8	0.7	2.6	0.9	0.7	3.1	1.1	0.8	3.2	1.2	0.9	3.3	1.3	1.1	
24		16	2.2	1.3	0.6	2.4	1.4	0.7	2.8	1.7	0.7	2.9	1.9	0.8	3.0	2.1	1.0	
		19	2.5	1.2	0.7	2.7	1.4	0.8	3.1	1.7	0.8	3.3	1.9	0.9	3.4	2.0	1.1	
		23	2.5	0.6	0.7	2.6	0.6	0.8	3.1	0.8	0.8	3.2	0.9	1.0	3.3	1.0	1.1	
27		16	2.3	1.6	0.7	2.5	1.8	0.7	2.9	2.2	0.8	3.0	2.4	0.9	3.1	2.6	1.1	
		19	2.6	1.6	0.7	2.7	1.8	0.8	3.2	2.2	0.8	3.3	2.4	0.9	3.4	2.6	1.1	
		23	2.7	1.1	0.7	2.9	1.2	0.8	3.4	1.5	0.8	3.5	1.6	0.9	3.6	1.8	1.1	
29		19	2.6	1.7	0.7	2.8	1.9	0.8	3.3	2.3	0.8	3.4	2.6	0.9	3.5	2.8	1.1	
		30	16	2.4	1.7	0.7	2.6	2.0	0.7	3.0	2.4	0.8	3.2	2.7	0.9	3.3	2.9	1.1
			19	2.6	1.8	0.7	2.8	2.0	0.8	3.3	2.5	0.8	3.4	2.7	0.9	3.5	3.0	1.1
23			2.8	1.5	0.7	3.0	1.6	0.8	3.4	2.0	0.8	3.6	2.2	1.0	3.7	2.4	1.1	
32		16	2.6	1.9	0.7	2.7	2.1	0.8	3.2	2.6	0.8	3.3	2.9	0.9	3.4	3.1	1.1	
		19	2.7	2.0	0.7	2.9	2.3	0.8	3.4	2.8	0.8	3.5	3.1	0.9	3.6	3.3	1.1	
		23	2.9	1.8	0.7	3.1	2.1	0.8	3.6	2.6	0.8	3.7	2.8	1.0	3.8	3.1	1.1	
840		18	9	1.7	0.9	0.5	1.8	1.0	0.6	2.1	1.2	0.6	2.2	1.4	0.7	2.3	1.5	0.8
			12	1.8	0.6	0.6	1.9	0.7	0.6	2.2	0.8	0.6	2.3	0.9	0.7	2.4	1.0	0.9
	15		2.1	0.6	0.6	2.3	0.7	0.7	2.6	0.8	0.7	2.7	0.9	0.8	2.8	1.0	0.9	
	21	12	2.1	1.3	0.6	2.3	1.5	0.7	2.6	1.9	0.7	2.7	2.1	0.8	2.8	2.2	1.0	
		15	2.2	1.1	0.7	2.3	1.2	0.7	2.7	1.5	0.8	2.8	1.7	0.9	2.9	1.8	1.0	
		19	2.5	0.9	0.7	2.7	1.0	0.8	3.1	1.2	0.8	3.3	1.3	0.9	3.4	1.4	1.1	
	24	16	2.3	1.4	0.7	2.4	1.6	0.7	2.8	1.9	0.8	2.9	2.1	0.9	3.0	2.3	1.0	
		19	2.6	1.3	0.7	2.7	1.5	0.8	3.2	1.9	0.8	3.3	2.0	0.9	3.4	2.2	1.1	
		23	2.5	0.6	0.7	2.7	0.7	0.8	3.1	0.9	0.8	3.3	1.0	1.0	3.4	1.0	1.1	
	27	16	2.4	1.7	0.7	2.5	1.9	0.7	2.9	2.4	0.8	3.1	2.6	0.9	3.2	2.9	1.1	
		19	2.6	1.7	0.7	2.8	1.9	0.8	3.3	2.4	0.8	3.4	2.6	0.9	3.5	2.8	1.1	
		23	2.8	1.2	0.7	3.0	1.3	0.8	3.5	1.6	0.8	3.6	1.8	1.0	3.7	1.9	1.1	
	29	19	2.7	1.8	0.7	2.9	2.1	0.8	3.3	2.5	0.8	3.5	2.8	0.9	3.6	3.0	1.1	
		30	16	2.5	1.9	0.7	2.7	2.2	0.8	3.1	2.7	0.8	3.2	2.9	0.9	3.3	3.2	1.1
			19	2.7	1.9	0.7	2.9	2.2	0.8	3.4	2.7	0.8	3.5	3.0	0.9	3.6	3.2	1.1
	23		2.8	1.6	0.7	3.0	1.8	0.8	3.5	2.2	0.8	3.7	2.4	1.0	3.8	2.7	1.1	
	32	16	2.6	2.1	0.7	2.8	2.3	0.8	3.2	2.9	0.8	3.4	3.2	0.9	3.5	3.5	1.1	
		19	2.8	2.2	0.7	3.0	2.5	0.8	3.5	3.0	0.8	3.6	3.4	1.0	3.7	3.6	1.1	
		23	2.9	2.0	0.7	3.1	2.2	0.8	3.6	2.8	0.8	3.7	3.0	1.0	3.8	3.3	1.1	

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AFR	Indoor temperature		Outdoor temperature DB (°C)															
			18			21			25			30			35			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
924	18	9	1.7	0.6	0.5	1.9	0.7	0.6	2.2	0.9	0.6	2.2	1.0	0.7	2.3	1.5	0.8	
		12	1.8	0.4	0.6	1.9	0.5	0.6	2.2	0.6	0.6	2.3	0.6	0.7	2.4	1.0	0.9	
		15	2.2	0.4	0.6	2.3	0.5	0.7	2.7	0.6	0.7	2.8	0.7	0.8	2.9	1.0	0.9	
	21	12	2.2	1.0	0.6	2.3	1.1	0.7	2.7	1.4	0.7	2.8	1.5	0.8	2.9	2.3	1.0	
		15	2.2	0.8	0.7	2.4	0.9	0.7	2.7	1.1	0.8	2.9	1.2	0.9	2.9	1.9	1.0	
		19	2.6	0.6	0.7	2.7	0.7	0.8	3.2	0.9	0.8	3.3	1.0	0.9	3.4	1.5	1.1	
	24	16	2.3	1.0	0.7	2.5	1.1	0.7	2.9	1.4	0.8	3.0	1.5	0.9	3.1	2.4	1.0	
		19	2.6	1.0	0.7	2.8	1.1	0.8	3.3	1.4	0.8	3.4	1.5	0.9	3.5	2.3	1.1	
		23	2.6	0.5	0.7	2.7	0.5	0.8	3.2	0.6	0.9	3.3	0.7	1.0	3.4	1.1	1.1	
	27	16	2.4	1.3	0.7	2.6	1.4	0.8	3.0	1.8	0.8	3.1	1.9	0.9	3.2	3.0	1.1	
		19	2.7	1.2	0.7	2.9	1.4	0.8	3.3	1.7	0.8	3.5	1.9	0.9	3.6	3.0	1.1	
		23	2.8	0.8	0.7	3.0	1.0	0.8	3.5	1.2	0.8	3.7	1.3	1.0	3.8	2.0	1.1	
	29	19	2.7	1.3	0.7	2.9	1.5	0.8	3.4	1.9	0.8	3.5	2.1	1.0	3.6	3.2	1.1	
		16	2.5	1.4	0.7	2.7	1.6	0.8	3.1	2.0	0.8	3.3	2.2	0.9	3.4	3.4	1.1	
		19	2.8	1.4	0.7	2.9	1.6	0.8	3.4	2.0	0.8	3.6	2.2	1.0	3.7	3.4	1.1	
	30	23	2.9	1.2	0.7	3.1	1.3	0.8	3.6	1.6	0.9	3.7	1.8	1.0	3.9	2.8	1.1	
		16	2.7	1.5	0.7	2.8	1.7	0.8	3.3	2.1	0.8	3.5	2.3	0.9	3.6	3.6	1.1	
		19	2.8	1.6	0.7	3.0	1.8	0.8	3.5	2.2	0.8	3.7	2.5	1.0	3.8	3.8	1.1	
	32	23	2.9	1.4	0.7	3.1	1.6	0.8	3.6	2.0	0.8	3.7	2.2	1.0	3.8	3.4	1.1	
		18	9	1.8	0.5	0.5	1.9	0.5	0.6	2.2	0.7	0.6	2.3	0.7	0.7	2.3	1.6	0.8
		12	1.8	0.3	0.6	1.9	0.3	0.6	2.3	0.4	0.7	2.4	0.5	0.7	2.4	1.0	0.9	
1008	18	15	2.2	0.3	0.6	2.3	0.4	0.7	2.7	0.4	0.7	2.8	0.5	0.8	2.9	1.0	1.0	
		12	2.2	0.7	0.7	2.3	0.8	0.7	2.7	1.0	0.8	2.8	1.1	0.9	2.9	2.4	1.0	
		15	2.2	0.6	0.7	2.4	0.7	0.7	2.8	0.8	0.8	2.9	0.9	0.9	3.0	1.9	1.0	
	21	19	2.6	0.5	0.7	2.8	0.5	0.8	3.2	0.6	0.8	3.4	0.7	0.9	3.5	1.5	1.1	
		16	2.3	0.7	0.7	2.5	0.8	0.7	2.9	1.0	0.8	3.0	1.1	0.9	3.1	2.4	1.0	
		19	2.6	0.7	0.7	2.8	0.8	0.8	3.3	1.0	0.8	3.4	1.1	0.9	3.5	2.4	1.1	
	24	23	2.6	0.3	0.8	2.8	0.4	0.8	3.2	0.5	0.9	3.4	0.5	1.0	3.5	1.1	1.2	
		16	2.4	0.9	0.7	2.6	1.0	0.8	3.0	1.3	0.8	3.1	1.4	0.9	3.2	3.0	1.1	
		19	2.7	0.9	0.7	2.9	1.0	0.8	3.4	1.3	0.8	3.5	1.4	1.0	3.6	3.0	1.1	
	27	23	2.9	0.6	0.7	3.1	0.7	0.8	3.6	0.9	0.9	3.7	0.9	1.0	3.8	2.0	1.1	
		19	2.8	1.0	0.7	2.9	1.1	0.8	3.4	1.4	0.8	3.6	1.5	1.0	3.7	3.2	1.1	
		16	2.6	1.0	0.7	2.7	1.2	0.8	3.2	1.4	0.8	3.3	1.6	0.9	3.4	3.4	1.1	
	30	19	2.8	1.0	0.7	3.0	1.2	0.8	3.5	1.4	0.8	3.6	1.6	1.0	3.7	3.4	1.1	
		23	2.9	0.9	0.8	3.1	1.0	0.8	3.6	1.2	0.9	3.8	1.3	1.0	3.9	2.8	1.2	
		16	2.7	1.1	0.7	2.9	1.3	0.8	3.3	1.5	0.8	3.5	1.7	1.0	3.6	3.7	1.1	
	32	19	2.9	1.2	0.7	3.1	1.3	0.8	3.6	1.6	0.9	3.7	1.8	1.0	3.8	3.9	1.1	
		23	2.9	1.0	0.7	3.1	1.2	0.8	3.6	1.4	0.8	3.7	1.6	1.0	3.8	3.4	1.1	

AFR	Indoor temperature		Outdoor temperature DB (°C)											
			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
672	18	9	2.1	1.2	0.9	1.7	1.0	0.7	1.6	1.0	0.7	1.5	0.9	0.7
		12	2.1	0.8	0.9	1.8	0.7	0.8	1.6	0.6	0.7	1.5	0.6	0.7
		15	2.6	0.8	1.0	2.1	0.7	0.8	2.0	0.6	0.8	1.8	0.6	0.8
	21	12	2.6	1.8	1.0	2.1	1.5	0.9	2.0	1.5	0.8	1.8	1.4	0.8
		15	2.6	1.5	1.1	2.1	1.2	0.9	2.0	1.2	0.8	1.9	1.1	0.9
		19	3.1	1.2	1.2	2.5	1.0	1.0	2.3	0.9	0.9	2.2	0.9	0.9
	24	16	2.8	1.9	1.1	2.2	1.6	0.9	2.1	1.5	0.8	2.0	1.4	0.9
		19	3.1	1.8	1.2	2.6	1.5	1.0	2.4	1.4	0.9	2.2	1.4	0.9
		23	3.1	0.9	1.2	2.5	0.7	1.0	2.3	0.7	0.9	2.2	0.6	1.0
	27	16	2.9	2.3	1.1	2.3	1.9	0.9	2.2	1.9	0.9	2.1	1.8	0.9
		19	3.2	2.3	1.2	2.6	1.9	1.0	2.4	1.8	0.9	2.3	1.8	0.9
		23	3.4	1.6	1.2	2.8	1.3	1.0	2.6	1.3	0.9	2.4	1.2	1.0
	29	19	3.3	2.5	1.2	2.7	2.1	1.0	2.5	2.0	0.9	2.3	1.9	0.9
		16	3.0	2.6	1.2	2.5	2.2	1.0	2.3	2.1	0.9	2.2	1.9	0.9
		19	3.3	2.7	1.2	2.7	2.2	1.0	2.5	2.1	0.9	2.3	2.0	0.9
	30	23	3.4	2.2	1.2	2.8	1.8	1.0	2.6	1.7	0.9	2.5	1.6	1.0
		16	3.2	2.8	1.2	2.6	2.3	1.0	2.4	2.2	0.9	2.3	2.0	0.9
		19	3.4	3.0	1.2	2.8	2.5	1.0	2.6	2.3	0.9	2.4	2.1	1.0
32	23	3.7	2.9	1.2	3.1	2.4	1.0	2.9	2.3	1.0	2.7	2.2	1.0	
	18	2.2	1.3	0.9	1.8	1.1	0.7	1.7	1.1	0.7	1.6	1.0	0.7	
	12	2.3	0.9	0.9	1.8	0.7	0.8	1.7	0.7	0.7	1.6	0.7	0.7	
756	18	15	2.7	0.9	1.0	2.2	0.7	0.8	2.1	0.7	0.8	1.9	0.7	0.8
		12	2.7	2.0	1.1	2.2	1.7	0.9	2.1	1.6	0.8	1.9	1.5	0.8
		15	2.8	1.6	1.1	2.3	1.4	0.9	2.1	1.3	0.8	2.0	1.2	0.9
	21	19	3.2	1.3	1.2	2.6	1.1	1.0	2.5	1.0	0.9	2.3	1.0	0.9
		16	2.9	2.1	1.1	2.4	1.7	0.9	2.2	1.6	0.8	2.1	1.6	0.9
		19	3.3	2.0	1.2	2.7	1.7	1.0	2.5	1.6	0.9	2.4	1.5	0.9
	24	23	3.2	0.9	1.2	2.6	0.8	1.0	2.5	0.8	1.0	2.3	0.7	1.0
		16	3.0	2.6	1.2	2.5	2.1	1.0	2.3	2.1	0.9	2.2	2.0	0.9
		19	3.4	2.6	1.2	2.7	2.1	1.0	2.6	2.0	0.9	2.4	1.9	0.9
	27	23	3.6	1.7	1.2	2.9	1.4	1.0	2.7	1.4	0.9	2.5	1.3	1.0
		19	3.4	2.7	1.2	2.8	2.3	1.0	2.6	2.2	0.9	2.4	2.1	1.0
		16	3.2	2.9	1.2	2.6	2.4	1.0	2.4	2.3	0.9	2.3	2.1	0.9
	30	19	3.5	2.9	1.2	2.8	2.4	1.0	2.6	2.3	0.9	2.5	2.2	1.0
		23	3.6	2.4	1.2	3.0	2.0	1.0	2.8	1.9	1.0	2.6	1.8	1.0
		16	3.3	3.1	1.2	2.7	2.5	1.0	2.6	2.4	0.9	2.4	2.2	0.9
	32	19	3.6	3.3	1.2	2.9	2.7	1.0	2.7	2.5	0.9	2.5	2.4	1.0
		23	3.7	3.0	1.2	3.1	2.5	1.0	2.9	2.4	1.0	2.7	2.3	1.0
		18	2.2	1.5	0.9	1.8	1.2	0.7	1.7	1.2	0.7	1.6	1.1	0.7
840	18	12	2.3	0.9	0.9	1.9	0.8	0.8	1.8	0.8	0.7	1.6	0.7	0.7
		15	2.8	1.0	1.0	2.3	0.8	0.8	2.1	0.8	0.8	2.0	0.7	0.8
		12	2.8	2.2	1.1	2.3	1.8	0.9	2.1	1.8	0.8	2.0	1.7	0.9
	21	15	2.8	1.8	1.1	2.3	1.5	0.9	2.2	1.4	0.9	2.0	1.4	0.9
		19	3.3	1.4	1.2	2.7	1.2	1.0	2.5	1.1	0.9	2.4	1.1	0.9
		16	3.0	2.3	1.1	2.4	1.9	0.9	2.3	1.8	0.9	2.1	1.7	0.9
	24	19	3.4	2.2	1.2	2.7	1.8	1.0	2.6	1.8	0.9	2.4	1.7	0.9
		23	3.3	1.0	1.2	2.7	0.9	1.0	2.5	0.8	1.0	2.4	0.8	1.0
		16	3.1	2.8	1.2	2.5	2.4	1.0	2.4	2.3	0.9	2.2	2.1	0.9
	27	19	3.4	2.8	1.2	2.8	2.3	1.0	2.6	2.2	0.9	2.5	2.1	1.0
		23	3.6	1.9	1.2	3.0	1.6	1.0	2.8	1.5	1.0	2.6	1.4	1.0
		19	3.5	3.0	1.2	2.9	2.5	1.0	2.7	2.4	0.9	2.5	2.3	1.0
	29	16	3.3	3.2	1.2	2.7	2.6	1.0	2.5	2.5	0.9	2.3	2.3	0.9
		19	3.5	3.2	1.2	2.9	2.7	1.0	2.7	2.6	0.9	2.5	2.4	1.0
		23	3.7	2.6	1.2	3.0	2.2	1.0	2.8	2.1	1.0	2.6	2.0	1.0
	30	16	3.4	3.4	1.2	2.8	2.8	1.0	2.6	2.6	0.9	2.4	2.4	1.0
		19	3.6	3.6	1.2	3.0	3.0	1.0	2.8	2.8	1.0	2.6	2.6	1.0
		23	3.7	3.3	1.2	3.1	2.7	1.0	2.9	2.6	1.0	2.7	2.5	1.0

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AFR	Indoor temperature		Outdoor temperature DB (°C)											
			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
924	18	9	2.3	1.1	0.9	1.9	0.9	0.7	1.7	0.8	0.7	1.6	0.8	0.7
		12	2.4	0.7	0.9	1.9	0.6	0.8	1.8	0.6	0.7	1.7	0.5	0.7
		15	2.8	0.7	1.0	2.3	0.6	0.8	2.2	0.6	0.8	2.0	0.5	0.8
	21	12	2.8	1.6	1.1	2.3	1.3	0.9	2.2	1.3	0.8	2.0	1.2	0.9
		15	2.9	1.3	1.1	2.4	1.1	0.9	2.2	1.1	0.9	2.1	1.0	0.9
		19	3.4	1.0	1.2	2.7	0.9	1.0	2.6	0.8	0.9	2.4	0.8	0.9
	24	16	3.0	1.7	1.1	2.5	1.4	0.9	2.3	1.3	0.9	2.2	1.3	0.9
		19	3.4	1.6	1.2	2.8	1.3	1.0	2.6	1.3	0.9	2.4	1.2	1.0
		23	3.4	0.8	1.2	2.7	0.6	1.0	2.6	0.6	1.0	2.4	0.6	1.0
	27	16	3.1	2.1	1.2	2.6	1.7	1.0	2.4	1.7	0.9	2.2	1.6	0.9
		19	3.5	2.1	1.2	2.9	1.7	1.0	2.7	1.6	0.9	2.5	1.6	1.0
		23	3.7	1.4	1.2	3.0	1.2	1.0	2.8	1.1	1.0	2.6	1.1	1.0
	29	19	3.6	2.2	1.2	2.9	1.8	1.0	2.7	1.8	1.0	2.5	1.7	1.0
		16	3.3	2.3	1.2	2.7	1.9	1.0	2.5	1.8	0.9	2.4	1.7	0.9
	30	19	3.6	2.4	1.2	2.9	2.0	1.0	2.8	1.9	1.0	2.6	1.8	1.0
		23	3.8	1.9	1.2	3.1	1.6	1.0	2.9	1.5	1.0	2.7	1.5	1.0
		16	3.5	2.5	1.2	2.8	2.0	1.0	2.7	1.9	0.9	2.5	1.8	1.0
	32	19	3.7	2.6	1.2	3.0	2.2	1.0	2.8	2.0	1.0	2.6	1.9	1.0
		23	3.7	2.3	1.2	3.1	2.0	1.0	2.9	1.9	1.0	2.7	1.8	1.0
		9	2.3	0.8	0.9	1.9	0.6	0.7	1.8	0.6	0.7	1.6	0.6	0.7
	1008	18	12	2.4	0.5	0.9	1.9	0.4	0.8	1.8	0.4	0.7	1.7	0.4
15			2.9	0.5	1.0	2.3	0.4	0.9	2.2	0.4	0.8	2.0	0.4	0.8
12			2.8	1.2	1.1	2.3	1.0	0.9	2.2	0.9	0.9	2.0	0.9	0.9
21		15	2.9	1.0	1.1	2.4	0.8	0.9	2.2	0.8	0.9	2.1	0.7	0.9
		19	3.4	0.8	1.2	2.8	0.6	1.0	2.6	0.6	0.9	2.4	0.6	1.0
		16	3.0	1.2	1.1	2.5	1.0	0.9	2.3	1.0	0.9	2.2	0.9	0.9
24		19	3.5	1.2	1.2	2.8	1.0	1.0	2.6	0.9	0.9	2.5	0.9	1.0
		23	3.4	0.6	1.3	2.8	0.5	1.0	2.6	0.4	1.0	2.4	0.4	1.0
		16	3.2	1.5	1.2	2.6	1.3	1.0	2.4	1.2	0.9	2.3	1.1	0.9
27		19	3.5	1.5	1.2	2.9	1.2	1.0	2.7	1.2	1.0	2.5	1.1	1.0
		23	3.7	1.0	1.2	3.1	0.8	1.0	2.9	0.8	1.0	2.7	0.8	1.0
		19	3.6	1.6	1.2	2.9	1.3	1.0	2.8	1.3	1.0	2.6	1.2	1.0
29		16	3.3	1.7	1.2	2.7	1.4	1.0	2.6	1.3	0.9	2.4	1.2	1.0
		19	3.6	1.7	1.2	3.0	1.4	1.0	2.8	1.4	1.0	2.6	1.3	1.0
		23	3.8	1.4	1.3	3.1	1.2	1.0	2.9	1.1	1.0	2.7	1.1	1.0
30		16	3.5	1.8	1.2	2.9	1.5	1.0	2.7	1.4	1.0	2.5	1.3	1.0
		19	3.7	1.9	1.2	3.1	1.6	1.0	2.9	1.5	1.0	2.7	1.4	1.0
		23	3.7	1.7	1.2	3.1	1.4	1.0	2.9	1.3	1.0	2.7	1.3	1.0

Outdoor Unit:GUHD18NK3CO Indoor Unit:GFH18K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)														
			18			21			25			30			35		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
800	18	9	2.4	1.1	0.8	2.6	1.3	0.9	3.0	1.5	0.9	3.1	1.7	1.0	3.2	1.8	1.2
		12	2.5	0.7	0.8	2.7	0.8	0.9	3.1	1.0	1.0	3.2	1.1	1.1	3.3	1.2	1.3
		15	3.0	0.7	0.9	3.2	0.8	1.0	3.7	1.0	1.1	3.9	1.1	1.2	4.0	1.2	1.4
	21	12	3.0	1.7	1.0	3.2	1.9	1.0	3.7	2.3	1.1	3.9	2.6	1.3	4.0	2.8	1.5
		15	3.1	1.4	1.0	3.3	1.6	1.1	3.8	1.9	1.1	3.9	2.1	1.3	4.1	2.3	1.5
		19	3.5	1.1	1.1	3.8	1.2	1.1	4.4	1.5	1.2	4.6	1.7	1.4	4.7	1.8	1.6
	24	16	3.2	1.7	1.0	3.4	2.0	1.1	4.0	2.4	1.1	4.1	2.6	1.3	4.3	2.9	1.5
		19	3.6	1.7	1.1	3.9	1.9	1.2	4.5	2.3	1.2	4.7	2.6	1.4	4.8	2.8	1.6
		23	3.6	0.8	1.1	3.8	0.9	1.2	4.4	1.1	1.3	4.6	1.2	1.5	4.7	1.3	1.7
	27	16	3.3	2.1	1.1	3.5	2.4	1.1	4.1	3.0	1.2	4.3	3.3	1.4	4.4	3.6	1.6
		19	3.7	2.1	1.1	3.9	2.4	1.2	4.6	3.0	1.2	4.8	3.3	1.4	4.9	3.6	1.7
		23	3.9	1.4	1.1	4.2	1.6	1.2	4.9	2.0	1.3	5.1	2.2	1.4	5.2	2.4	1.7
	29	19	3.8	2.3	1.1	4.0	2.6	1.2	4.7	3.2	1.3	4.9	3.5	1.4	5.0	3.8	1.7
		16	3.5	2.4	1.1	3.7	2.7	1.1	4.3	3.3	1.2	4.5	3.7	1.4	4.7	4.0	1.6
		19	3.8	2.4	1.1	4.1	2.8	1.2	4.7	3.4	1.3	4.9	3.7	1.4	5.1	4.1	1.7
	30	23	4.0	2.0	1.1	4.3	2.3	1.2	5.0	2.8	1.3	5.2	3.1	1.5	5.3	3.3	1.7
		16	3.7	2.6	1.1	3.9	2.9	1.2	4.6	3.6	1.2	4.8	4.0	1.4	4.9	4.3	1.7
		19	3.9	2.7	1.1	4.2	3.1	1.2	4.9	3.8	1.3	5.1	4.2	1.4	5.2	4.6	1.7
32	23	4.3	2.7	1.1	4.6	3.0	1.2	5.4	3.7	1.3	5.6	4.1	1.5	5.8	4.4	1.8	
	16	3.7	2.6	1.1	3.9	2.9	1.2	4.6	3.6	1.2	4.8	4.0	1.4	4.9	4.3	1.7	
	19	3.9	2.7	1.1	4.2	3.1	1.2	4.9	3.8	1.3	5.1	4.2	1.4	5.2	4.6	1.7	
900	18	9	2.5	1.2	0.8	2.7	1.4	0.9	3.1	1.7	0.9	3.3	1.9	1.1	3.4	2.0	1.2
		12	2.6	0.8	0.8	2.8	0.9	0.9	3.2	1.1	1.0	3.4	1.2	1.1	3.5	1.3	1.3
		15	3.2	0.8	0.9	3.4	0.9	1.0	3.9	1.1	1.1	4.1	1.3	1.2	4.2	1.4	1.4
	21	12	3.1	1.8	1.0	3.4	2.1	1.1	3.9	2.6	1.1	4.1	2.8	1.3	4.2	3.1	1.5
		15	3.2	1.5	1.0	3.4	1.7	1.1	4.0	2.1	1.2	4.2	2.3	1.3	4.3	2.5	1.5
		19	3.7	1.2	1.1	4.0	1.4	1.2	4.6	1.7	1.2	4.8	1.8	1.4	5.0	2.0	1.6
	24	16	3.4	1.9	1.0	3.6	2.1	1.1	4.2	2.6	1.1	4.3	2.9	1.3	4.5	3.2	1.5
		19	3.8	1.8	1.1	4.1	2.1	1.2	4.7	2.6	1.2	4.9	2.8	1.4	5.1	3.1	1.7
		23	3.7	0.9	1.1	4.0	1.0	1.2	4.6	1.2	1.3	4.8	1.3	1.5	5.0	1.4	1.7
	27	16	3.5	2.4	1.1	3.7	2.7	1.1	4.3	3.3	1.2	4.5	3.6	1.4	4.7	3.9	1.6
		19	3.9	2.3	1.1	4.2	2.7	1.2	4.8	3.3	1.3	5.0	3.6	1.4	5.2	3.9	1.7
		23	4.1	1.6	1.1	4.4	1.8	1.2	5.1	2.2	1.3	5.3	2.4	1.5	5.5	2.7	1.7
	29	19	4.0	2.5	1.1	4.2	2.8	1.2	4.9	3.5	1.3	5.1	3.9	1.4	5.3	4.2	1.7
		16	3.7	2.6	1.1	3.9	3.0	1.2	4.6	3.7	1.2	4.8	4.1	1.4	4.9	4.4	1.6
		19	4.0	2.7	1.1	4.3	3.0	1.2	5.0	3.7	1.3	5.2	4.1	1.4	5.3	4.5	1.7
	30	23	4.2	2.2	1.1	4.5	2.5	1.2	5.2	3.1	1.3	5.4	3.4	1.5	5.6	3.7	1.7
		16	3.9	2.9	1.1	4.1	3.2	1.2	4.8	4.0	1.3	5.0	4.4	1.4	5.2	4.8	1.7
		19	4.1	3.0	1.1	4.4	3.4	1.2	5.1	4.2	1.3	5.3	4.6	1.5	5.5	5.0	1.7
32	23	4.3	2.8	1.1	4.6	3.2	1.2	5.4	3.9	1.3	5.6	4.3	1.5	5.8	4.6	1.8	
	16	3.9	2.9	1.1	4.1	3.2	1.2	4.8	4.0	1.3	5.0	4.4	1.4	5.2	4.8	1.7	
	19	4.1	3.0	1.1	4.4	3.4	1.2	5.1	4.2	1.3	5.3	4.6	1.5	5.5	5.0	1.7	
1000	18	9	2.6	1.3	0.8	2.7	1.5	0.9	3.2	1.9	0.9	3.3	2.1	1.1	3.4	2.2	1.3
		12	2.7	0.9	0.9	2.9	1.0	0.9	3.3	1.2	1.0	3.5	1.3	1.1	3.6	1.5	1.3
		15	3.2	0.9	0.9	3.4	1.0	1.0	4.0	1.3	1.1	4.2	1.4	1.2	4.3	1.5	1.4
	21	12	3.2	2.0	1.0	3.4	2.3	1.1	4.0	2.8	1.1	4.1	3.1	1.3	4.3	3.4	1.5
		15	3.3	1.7	1.0	3.5	1.9	1.1	4.1	2.3	1.2	4.2	2.5	1.3	4.4	2.8	1.5
		19	3.8	1.3	1.1	4.1	1.5	1.2	4.7	1.8	1.2	4.9	2.0	1.4	5.1	2.2	1.7
	24	16	3.4	2.1	1.0	3.7	2.4	1.1	4.3	2.9	1.2	4.4	3.2	1.3	4.6	3.5	1.5
		19	3.9	2.0	1.1	4.2	2.3	1.2	4.8	2.8	1.3	5.0	3.1	1.4	5.2	3.4	1.7
		23	3.8	0.9	1.1	4.1	1.1	1.2	4.7	1.3	1.3	4.9	1.5	1.5	5.1	1.6	1.8
	27	16	3.6	2.6	1.1	3.8	2.9	1.2	4.4	3.6	1.2	4.6	4.0	1.4	4.8	4.3	1.6
		19	4.0	2.6	1.1	4.2	2.9	1.2	4.9	3.6	1.3	5.1	4.0	1.4	5.3	4.3	1.7
		23	4.2	1.7	1.1	4.5	2.0	1.2	5.2	2.4	1.3	5.4	2.7	1.5	5.6	2.9	1.7
	29	19	4.1	2.8	1.1	4.3	3.1	1.2	5.0	3.8	1.3	5.2	4.2	1.5	5.4	4.6	1.7
		16	3.8	2.9	1.1	4.0	3.3	1.2	4.7	4.0	1.2	4.9	4.5	1.4	5.0	4.8	1.7
		19	4.1	2.9	1.1	4.4	3.3	1.2	5.1	4.1	1.3	5.3	4.5	1.5	5.5	4.9	1.7
	30	23	4.3	2.4	1.1	4.6	2.7	1.2	5.3	3.4	1.3	5.6	3.7	1.5	5.7	4.0	1.8
		16	4.0	3.1	1.1	4.2	3.6	1.2	4.9	4.4	1.3	5.1	4.8	1.4	5.3	5.2	1.7
		19	4.2	3.3	1.1	4.5	3.7	1.2	5.2	4.6	1.3	5.4	5.1	1.5	5.6	5.5	1.7
32	23	4.3	3.0	1.1	4.6	3.4	1.2	5.4	4.2	1.3	5.6	4.6	1.5	5.8	5.0	1.8	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)															
			18			21			25			30			35			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1100	18	9	2.6	1.0	0.8	2.8	1.1	0.9	3.3	1.4	1.0	3.4	1.5	1.1	3.5	2.3	1.3	
		12	2.7	0.6	0.9	2.9	0.7	0.9	3.4	0.9	1.0	3.5	1.0	1.1	3.6	1.5	1.3	
		15	3.3	0.7	0.9	3.5	0.7	1.0	4.1	0.9	1.1	4.2	1.0	1.2	4.4	1.6	1.5	
	21	12	3.3	1.5	1.0	3.5	1.7	1.1	4.1	2.1	1.1	4.2	2.3	1.3	4.4	3.5	1.5	
		15	3.3	1.2	1.0	3.6	1.4	1.1	4.2	1.7	1.2	4.3	1.9	1.3	4.5	2.9	1.6	
		19	3.9	1.0	1.1	4.2	1.1	1.2	4.8	1.3	1.3	5.0	1.5	1.4	5.2	2.3	1.7	
	24	16	3.5	1.5	1.0	3.7	1.7	1.1	4.3	2.1	1.2	4.5	2.3	1.3	4.7	3.6	1.6	
		19	4.0	1.5	1.1	4.2	1.7	1.2	4.9	2.1	1.3	5.1	2.3	1.4	5.3	3.5	1.7	
		23	3.9	0.7	1.1	4.2	0.8	1.2	4.8	1.0	1.3	5.0	1.1	1.5	5.2	1.7	1.8	
	27	16	3.6	1.9	1.1	3.9	2.2	1.2	4.5	2.7	1.2	4.7	2.9	1.4	4.9	4.5	1.7	
		19	4.1	1.9	1.1	4.3	2.1	1.2	5.0	2.6	1.3	5.2	2.9	1.5	5.4	4.5	1.7	
		23	4.3	1.3	1.1	4.6	1.5	1.2	5.3	1.8	1.3	5.6	2.0	1.5	5.7	3.1	1.8	
	29	19	4.1	2.0	1.1	4.4	2.3	1.2	5.1	2.8	1.3	5.3	3.1	1.5	5.5	4.8	1.7	
		30	16	3.8	2.1	1.1	4.1	2.4	1.2	4.8	3.0	1.3	5.0	3.3	1.4	5.1	5.1	1.7
			19	4.2	2.2	1.1	4.5	2.5	1.2	5.2	3.0	1.3	5.4	3.3	1.5	5.6	5.2	1.7
	23		4.4	1.8	1.1	4.7	2.0	1.2	5.4	2.5	1.3	5.7	2.7	1.5	5.8	4.2	1.8	
	32	16	4.0	2.3	1.1	4.3	2.6	1.2	5.0	3.2	1.3	5.2	3.5	1.5	5.4	5.5	1.7	
		19	4.3	2.4	1.1	4.6	2.7	1.2	5.3	3.4	1.3	5.6	3.7	1.5	5.7	5.8	1.8	
23		4.3	2.2	1.1	4.6	2.4	1.2	5.4	3.0	1.3	5.6	3.3	1.5	5.8	5.1	1.8		
1200	18	9	2.7	0.7	0.8	2.8	0.8	0.9	3.3	1.0	1.0	3.4	1.1	1.1	3.5	2.4	1.3	
		12	2.8	0.5	0.9	2.9	0.5	0.9	3.4	0.6	1.0	3.6	0.7	1.1	3.7	1.5	1.3	
		15	3.3	0.5	1.0	3.5	0.5	1.0	4.1	0.7	1.1	4.3	0.7	1.3	4.4	1.6	1.5	
	21	12	3.3	1.1	1.0	3.5	1.2	1.1	4.1	1.5	1.2	4.3	1.7	1.3	4.4	3.6	1.5	
		15	3.4	0.9	1.0	3.6	1.0	1.1	4.2	1.2	1.2	4.4	1.4	1.3	4.5	2.9	1.6	
		19	3.9	0.7	1.1	4.2	0.8	1.2	4.9	1.0	1.3	5.1	1.1	1.4	5.2	2.3	1.7	
	24	16	3.5	1.1	1.0	3.8	1.3	1.1	4.4	1.5	1.2	4.6	1.7	1.3	4.7	3.7	1.6	
		19	4.0	1.1	1.1	4.3	1.2	1.2	5.0	1.5	1.3	5.2	1.7	1.5	5.3	3.6	1.7	
		23	3.9	0.5	1.2	4.2	0.6	1.2	4.9	0.7	1.3	5.1	0.8	1.5	5.2	1.7	1.8	
	27	16	3.7	1.4	1.1	3.9	1.6	1.2	4.6	1.9	1.3	4.8	2.1	1.4	4.9	4.6	1.7	
		19	4.1	1.4	1.1	4.4	1.6	1.2	5.1	1.9	1.3	5.3	2.1	1.5	5.5	4.6	1.7	
		23	4.3	0.9	1.1	4.6	1.1	1.2	5.4	1.3	1.3	5.6	1.4	1.5	5.8	3.1	1.8	
	29	19	4.2	1.5	1.1	4.5	1.7	1.2	5.2	2.1	1.3	5.4	2.3	1.5	5.6	4.9	1.8	
		30	16	3.9	1.5	1.1	4.1	1.8	1.2	4.8	2.2	1.3	5.0	2.4	1.4	5.2	5.1	1.7
			19	4.2	1.6	1.1	4.5	1.8	1.2	5.2	2.2	1.3	5.5	2.4	1.5	5.6	5.2	1.8
	23		4.4	1.3	1.2	4.7	1.5	1.3	5.5	1.8	1.3	5.7	2.0	1.5	5.9	4.3	1.8	
	32	16	4.1	1.7	1.1	4.4	1.9	1.2	5.1	2.3	1.3	5.3	2.6	1.5	5.4	5.5	1.7	
		19	4.3	1.8	1.1	4.6	2.0	1.2	5.4	2.5	1.3	5.6	2.7	1.5	5.8	5.8	1.8	
23		4.3	1.6	1.1	4.6	1.8	1.2	5.4	2.2	1.3	5.6	2.4	1.5	5.8	5.1	1.8		

AFR	Indoor temperature		Outdoor temperature DB (°C)											
			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
800	18	9	3.1	1.8	1.3	2.6	1.5	1.1	2.4	1.5	1.0	2.2	1.4	1.1
		12	3.2	1.2	1.4	2.7	1.0	1.2	2.5	0.9	1.1	2.3	0.9	1.1
		15	3.9	1.2	1.5	3.2	1.0	1.3	3.0	1.0	1.2	2.8	0.9	1.2
	21	12	3.9	2.8	1.6	3.2	2.3	1.3	3.0	2.2	1.3	2.8	2.1	1.3
		15	4.0	2.3	1.7	3.3	1.9	1.4	3.1	1.8	1.3	2.8	1.7	1.3
		19	4.6	1.8	1.8	3.8	1.5	1.5	3.5	1.4	1.4	3.3	1.4	1.4
	24	16	4.2	2.8	1.7	3.4	2.4	1.4	3.2	2.3	1.3	3.0	2.1	1.3
		19	4.7	2.8	1.8	3.9	2.3	1.5	3.6	2.2	1.4	3.4	2.1	1.4
		23	4.6	1.3	1.9	3.8	1.1	1.5	3.6	1.0	1.5	3.3	1.0	1.5
	27	16	4.3	3.5	1.8	3.5	3.0	1.5	3.3	2.8	1.4	3.1	2.7	1.4
		19	4.8	3.5	1.8	3.9	2.9	1.5	3.7	2.8	1.4	3.5	2.7	1.4
		23	5.1	2.4	1.9	4.2	2.0	1.5	3.9	1.9	1.4	3.7	1.8	1.5
	29	19	4.9	3.8	1.8	4.0	3.1	1.5	3.8	3.0	1.4	3.5	2.9	1.5
		16	4.6	4.0	1.8	3.7	3.3	1.5	3.5	3.1	1.4	3.3	2.9	1.4
		19	5.0	4.0	1.8	4.1	3.3	1.5	3.8	3.2	1.4	3.6	3.0	1.5
30	23	5.2	3.3	1.9	4.3	2.7	1.5	4.0	2.6	1.5	3.7	2.5	1.5	
	16	4.8	4.3	1.8	3.9	3.5	1.5	3.7	3.3	1.4	3.4	3.1	1.4	
	19	5.1	4.5	1.9	4.2	3.7	1.5	3.9	3.5	1.4	3.7	3.3	1.5	
32	23	5.7	4.4	1.9	4.6	3.7	1.6	4.3	3.5	1.5	4.1	3.3	1.5	
	18	9	3.3	2.0	1.4	2.7	1.7	1.1	2.5	1.6	1.1	2.4	1.5	1.1
	12	3.4	1.3	1.4	2.8	1.1	1.2	2.6	1.0	1.1	2.4	1.0	1.1	
900	18	15	4.1	1.3	1.6	3.4	1.1	1.3	3.2	1.1	1.2	2.9	1.0	1.2
		12	4.1	3.0	1.6	3.4	2.5	1.4	3.1	2.4	1.3	2.9	2.3	1.3
		15	4.2	2.5	1.7	3.4	2.1	1.4	3.2	2.0	1.3	3.0	1.9	1.3
	21	19	4.9	2.0	1.8	4.0	1.6	1.5	3.7	1.6	1.4	3.5	1.5	1.4
		16	4.4	3.1	1.7	3.6	2.6	1.4	3.4	2.5	1.3	3.1	2.4	1.3
		19	5.0	3.0	1.8	4.1	2.5	1.5	3.8	2.4	1.4	3.6	2.3	1.4
	24	23	4.9	1.4	1.9	4.0	1.2	1.6	3.7	1.1	1.5	3.5	1.1	1.5
		16	4.6	3.9	1.8	3.7	3.2	1.5	3.5	3.1	1.4	3.3	3.0	1.4
		19	5.1	3.9	1.8	4.2	3.2	1.5	3.9	3.1	1.4	3.6	2.9	1.5
	27	23	5.4	2.6	1.9	4.4	2.2	1.5	4.1	2.1	1.5	3.9	2.0	1.5
		19	5.2	4.1	1.9	4.2	3.5	1.5	4.0	3.3	1.4	3.7	3.1	1.5
		16	4.8	4.4	1.8	3.9	3.6	1.5	3.7	3.4	1.4	3.4	3.2	1.4
	30	19	5.2	4.4	1.9	4.3	3.7	1.5	4.0	3.5	1.4	3.7	3.4	1.5
		23	5.5	3.6	1.9	4.5	3.0	1.6	4.2	2.9	1.5	3.9	2.7	1.5
		16	5.1	4.7	1.8	4.1	3.9	1.5	3.9	3.6	1.4	3.6	3.4	1.5
32	19	5.4	5.0	1.9	4.4	4.1	1.5	4.1	3.8	1.5	3.9	3.6	1.5	
	23	5.7	4.6	1.9	4.6	3.8	1.6	4.3	3.7	1.5	4.1	3.5	1.5	
	18	9	3.4	2.2	1.4	2.7	1.8	1.1	2.6	1.8	1.1	2.4	1.7	1.1
1000	18	12	3.5	1.4	1.4	2.9	1.2	1.2	2.7	1.1	1.1	2.5	1.1	1.1
		15	4.2	1.5	1.6	3.4	1.2	1.3	3.2	1.2	1.2	3.0	1.1	1.3
		12	4.2	3.3	1.7	3.4	2.8	1.4	3.2	2.7	1.3	3.0	2.5	1.3
	21	15	4.3	2.7	1.7	3.5	2.3	1.4	3.3	2.2	1.3	3.1	2.1	1.3
		19	5.0	2.2	1.8	4.1	1.8	1.5	3.8	1.7	1.4	3.6	1.6	1.4
		16	4.5	3.4	1.7	3.7	2.9	1.4	3.4	2.7	1.3	3.2	2.6	1.3
	24	19	5.1	3.3	1.8	4.2	2.8	1.5	3.9	2.7	1.4	3.6	2.5	1.5
		23	5.0	1.6	1.9	4.1	1.3	1.6	3.8	1.2	1.5	3.6	1.2	1.5
		16	4.7	4.3	1.8	3.8	3.6	1.5	3.6	3.4	1.4	3.3	3.2	1.4
	27	19	5.2	4.2	1.9	4.2	3.5	1.5	4.0	3.4	1.4	3.7	3.2	1.5
		23	5.5	2.9	1.9	4.5	2.4	1.6	4.2	2.3	1.5	3.9	2.2	1.5
		19	5.3	4.6	1.9	4.3	3.8	1.5	4.1	3.6	1.5	3.8	3.4	1.5
	30	16	4.9	4.8	1.8	4.0	4.0	1.5	3.8	3.8	1.4	3.5	3.5	1.4
		19	5.3	4.9	1.9	4.4	4.0	1.5	4.1	3.9	1.5	3.8	3.7	1.5
		23	5.6	4.0	1.9	4.6	3.3	1.6	4.3	3.2	1.5	4.0	3.0	1.5
32	16	5.2	5.2	1.9	4.2	4.2	1.5	4.0	4.0	1.4	3.7	3.7	1.5	
	19	5.5	5.5	1.9	4.5	4.5	1.6	4.2	4.2	1.5	3.9	3.9	1.5	
	23	5.7	4.9	1.9	4.6	4.1	1.6	4.3	3.9	1.5	4.1	3.7	1.5	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)												
			39			43			46			48			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1100	18	9	3.4	1.6	1.4	2.8	1.3	1.1	2.6	1.3	1.1	2.5	1.2	1.1	
		12	3.6	1.1	1.4	2.9	0.9	1.2	2.7	0.8	1.1	2.5	0.8	1.2	
		15	4.3	1.1	1.6	3.5	0.9	1.3	3.3	0.9	1.2	3.1	0.8	1.3	
	21	12	4.3	2.5	1.7	3.5	2.0	1.4	3.3	2.0	1.3	3.1	1.9	1.3	
		15	4.4	2.0	1.7	3.6	1.7	1.4	3.3	1.6	1.3	3.1	1.5	1.4	
		19	5.1	1.6	1.8	4.2	1.3	1.5	3.9	1.3	1.4	3.6	1.2	1.5	
	24	16	4.6	2.5	1.7	3.7	2.1	1.4	3.5	2.0	1.3	3.3	1.9	1.4	
		19	5.2	2.4	1.9	4.2	2.0	1.5	4.0	1.9	1.4	3.7	1.9	1.5	
		23	5.1	1.2	1.9	4.2	1.0	1.6	3.9	0.9	1.5	3.6	0.9	1.5	
	27	16	4.8	3.1	1.8	3.9	2.6	1.5	3.6	2.5	1.4	3.4	2.4	1.4	
		19	5.3	3.1	1.9	4.3	2.6	1.5	4.1	2.5	1.5	3.8	2.4	1.5	
		23	5.6	2.1	1.9	4.6	1.8	1.6	4.3	1.7	1.5	4.0	1.6	1.5	
	29	19	5.4	3.3	1.9	4.4	2.8	1.6	4.1	2.7	1.5	3.9	2.5	1.5	
	30	16	5.0	3.5	1.8	4.1	2.9	1.5	3.8	2.8	1.4	3.6	2.6	1.5	
		19	5.5	3.6	1.9	4.5	3.0	1.6	4.2	2.8	1.5	3.9	2.7	1.5	
		23	5.7	2.9	1.9	4.7	2.4	1.6	4.4	2.3	1.5	4.1	2.2	1.5	
	32	16	5.3	3.8	1.9	4.3	3.1	1.5	4.0	2.9	1.5	3.8	2.7	1.5	
		19	5.6	4.0	1.9	4.6	3.3	1.6	4.3	3.1	1.5	4.0	2.9	1.5	
		23	5.7	3.6	1.9	4.6	3.0	1.6	4.3	2.8	1.5	4.1	2.7	1.5	
	1200	18	9	3.5	1.2	1.4	2.8	1.0	1.2	2.7	0.9	1.1	2.5	0.9	1.1
			12	3.6	0.8	1.5	2.9	0.6	1.2	2.8	0.6	1.1	2.6	0.6	1.2
15			4.3	0.8	1.6	3.5	0.7	1.3	3.3	0.6	1.3	3.1	0.6	1.3	
21		12	4.3	1.8	1.7	3.5	1.5	1.4	3.3	1.4	1.3	3.1	1.4	1.3	
		15	4.4	1.5	1.7	3.6	1.2	1.4	3.4	1.2	1.3	3.2	1.1	1.4	
		19	5.1	1.2	1.9	4.2	1.0	1.5	3.9	0.9	1.4	3.7	0.9	1.5	
24		16	4.6	1.8	1.7	3.8	1.5	1.4	3.5	1.5	1.3	3.3	1.4	1.4	
		19	5.2	1.8	1.9	4.3	1.5	1.5	4.0	1.4	1.5	3.7	1.3	1.5	
		23	5.1	0.8	1.9	4.2	0.7	1.6	3.9	0.7	1.5	3.7	0.6	1.6	
27		16	4.8	2.3	1.8	3.9	1.9	1.5	3.7	1.8	1.4	3.4	1.7	1.5	
		19	5.3	2.3	1.9	4.4	1.9	1.6	4.1	1.8	1.5	3.8	1.7	1.5	
		23	5.7	1.5	1.9	4.6	1.3	1.6	4.3	1.2	1.5	4.1	1.2	1.5	
29		19	5.5	2.4	1.9	4.5	2.0	1.6	4.2	1.9	1.5	3.9	1.8	1.5	
30		16	5.1	2.6	1.9	4.1	2.1	1.5	3.9	2.0	1.4	3.6	1.9	1.5	
		19	5.5	2.6	1.9	4.5	2.2	1.6	4.2	2.1	1.5	3.9	2.0	1.5	
		23	5.8	2.1	1.9	4.7	1.8	1.6	4.4	1.7	1.5	4.1	1.6	1.6	
32		16	5.3	2.8	1.9	4.4	2.3	1.6	4.1	2.1	1.5	3.8	2.0	1.5	
		19	5.7	2.9	1.9	4.6	2.4	1.6	4.3	2.2	1.5	4.1	2.1	1.5	
	23	5.7	2.6	1.9	4.6	2.1	1.6	4.3	2.0	1.5	4.1	1.9	1.5		

Outdoor Unit:GUHD24NK3CO Indoor Unit:GFH24K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)															
			18			21			25			30			35			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1280	18	9	3.2	1.5	1.0	3.4	1.7	1.1	3.9	2.0	1.2	4.1	2.2	1.4	4.2	2.4	1.6	
		12	3.3	1.0	1.1	3.5	1.1	1.2	4.1	1.3	1.3	4.2	1.5	1.4	4.4	1.6	1.7	
		15	4.0	1.0	1.2	4.2	1.1	1.3	4.9	1.4	1.4	5.1	1.5	1.6	5.3	1.6	1.8	
	21	12	3.9	2.2	1.2	4.2	2.5	1.3	4.9	3.1	1.4	5.1	3.4	1.6	5.2	3.7	1.9	
		15	4.0	1.8	1.3	4.3	2.1	1.4	5.0	2.5	1.5	5.2	2.8	1.7	5.4	3.0	2.0	
		19	4.7	1.4	1.4	5.0	1.6	1.5	5.8	2.0	1.6	6.1	2.2	1.8	6.2	2.4	2.1	
	24	16	4.2	2.3	1.3	4.5	2.6	1.4	5.2	3.2	1.5	5.4	3.5	1.7	5.6	3.8	2.0	
		19	4.8	2.2	1.4	5.1	2.5	1.5	5.9	3.1	1.6	6.2	3.4	1.8	6.4	3.7	2.1	
		23	4.7	1.0	1.4	5.0	1.2	1.6	5.8	1.4	1.7	6.1	1.6	1.9	6.3	1.7	2.2	
	27	16	4.4	2.8	1.4	4.7	3.2	1.5	5.4	4.0	1.6	5.7	4.4	1.8	5.9	4.7	2.1	
		19	4.9	2.8	1.4	5.2	3.2	1.5	6.1	3.9	1.6	6.3	4.3	1.8	6.5	4.7	2.2	
		23	5.2	1.9	1.4	5.5	2.2	1.5	6.4	2.7	1.6	6.7	2.9	1.9	6.9	3.2	2.2	
	29	19	5.0	3.0	1.4	5.3	3.4	1.5	6.2	4.2	1.6	6.4	4.6	1.9	6.6	5.0	2.2	
		30	16	4.6	3.2	1.4	4.9	3.6	1.5	5.7	4.4	1.6	6.0	4.9	1.8	6.2	5.3	2.1
			19	5.0	3.2	1.4	5.4	3.6	1.5	6.2	4.5	1.6	6.5	4.9	1.9	6.7	5.4	2.2
23	5.3		2.6	1.4	5.6	3.0	1.6	6.5	3.7	1.7	6.8	4.0	1.9	7.0	4.4	2.2		
32	16	4.9	3.4	1.4	5.2	3.9	1.5	6.0	4.8	1.6	6.3	5.3	1.8	6.5	5.7	2.2		
	19	5.2	3.6	1.4	5.5	4.1	1.5	6.4	5.0	1.6	6.7	5.5	1.9	6.9	6.0	2.2		
	23	5.7	3.5	1.5	6.1	4.0	1.6	7.1	4.9	1.7	7.4	5.4	1.9	7.6	5.9	2.3		
1440	18	9	3.3	1.6	1.0	3.6	1.8	1.1	4.1	2.2	1.2	4.3	2.5	1.4	4.4	2.7	1.6	
		12	3.5	1.0	1.1	3.7	1.2	1.2	4.3	1.5	1.3	4.5	1.6	1.4	4.6	1.7	1.7	
		15	4.2	1.1	1.2	4.4	1.2	1.3	5.2	1.5	1.4	5.4	1.7	1.6	5.6	1.8	1.9	
	21	12	4.1	2.4	1.3	4.4	2.8	1.4	5.1	3.4	1.5	5.4	3.7	1.7	5.5	4.1	1.9	
		15	4.2	2.0	1.3	4.5	2.3	1.4	5.3	2.8	1.5	5.5	3.1	1.7	5.7	3.3	2.0	
		19	4.9	1.6	1.4	5.3	1.8	1.5	6.1	2.2	1.6	6.4	2.4	1.8	6.6	2.6	2.1	
	24	16	4.4	2.5	1.3	4.7	2.8	1.4	5.5	3.5	1.5	5.7	3.8	1.7	5.9	4.2	2.0	
		19	5.0	2.4	1.4	5.4	2.8	1.5	6.3	3.4	1.6	6.5	3.7	1.8	6.7	4.1	2.2	
		23	4.9	1.1	1.5	5.3	1.3	1.6	6.1	1.6	1.7	6.4	1.8	1.9	6.6	1.9	2.2	
	27	16	4.6	3.1	1.4	4.9	3.5	1.5	5.7	4.4	1.6	6.0	4.8	1.8	6.2	5.2	2.1	
		19	5.1	3.1	1.4	5.5	3.5	1.5	6.4	4.3	1.6	6.7	4.8	1.9	6.9	5.2	2.2	
		23	5.5	2.1	1.4	5.8	2.4	1.6	6.8	2.9	1.7	7.1	3.2	1.9	7.3	3.5	2.2	
	29	19	5.2	3.3	1.4	5.6	3.8	1.5	6.5	4.6	1.6	6.8	5.1	1.9	7.0	5.5	2.2	
		30	16	4.9	3.5	1.4	5.2	4.0	1.5	6.0	4.9	1.6	6.3	5.4	1.8	6.5	5.8	2.1
			19	5.3	3.5	1.4	5.7	4.0	1.5	6.6	4.9	1.6	6.9	5.4	1.9	7.1	5.9	2.2
23	5.6		2.9	1.5	5.9	3.3	1.6	6.9	4.1	1.7	7.2	4.5	1.9	7.4	4.8	2.2		
32	16	5.1	3.8	1.4	5.5	4.3	1.5	6.4	5.3	1.6	6.6	5.8	1.9	6.8	6.3	2.2		
	19	5.5	4.0	1.4	5.8	4.5	1.6	6.8	5.5	1.7	7.1	6.1	1.9	7.3	6.6	2.2		
	23	5.7	3.7	1.5	6.1	4.2	1.6	7.1	5.1	1.7	7.4	5.6	1.9	7.6	6.1	2.3		
1600	18	9	3.4	1.8	1.1	3.6	2.0	1.1	4.2	2.5	1.2	4.4	2.7	1.4	4.5	2.9	1.6	
		12	3.5	1.2	1.1	3.8	1.3	1.2	4.4	1.6	1.3	4.6	1.8	1.4	4.7	1.9	1.7	
		15	4.3	1.2	1.2	4.5	1.3	1.3	5.3	1.7	1.4	5.5	1.8	1.6	5.7	2.0	1.9	
	21	12	4.2	2.7	1.3	4.5	3.0	1.4	5.2	3.7	1.5	5.5	4.1	1.7	5.6	4.5	2.0	
		15	4.3	2.2	1.3	4.6	2.5	1.4	5.4	3.1	1.5	5.6	3.4	1.7	5.8	3.6	2.0	
		19	5.0	1.7	1.4	5.4	2.0	1.5	6.2	2.4	1.6	6.5	2.7	1.8	6.7	2.9	2.2	
	24	16	4.5	2.7	1.3	4.8	3.1	1.4	5.6	3.8	1.5	5.9	4.2	1.7	6.0	4.6	2.0	
		19	5.1	2.7	1.4	5.5	3.0	1.5	6.4	3.7	1.6	6.7	4.1	1.9	6.9	4.4	2.2	
		23	5.0	1.3	1.5	5.4	1.4	1.6	6.3	1.8	1.7	6.5	1.9	1.9	6.7	2.1	2.3	
	27	16	4.7	3.4	1.4	5.0	3.9	1.5	5.9	4.8	1.6	6.1	5.3	1.8	6.3	5.7	2.1	
		19	5.3	3.4	1.4	5.6	3.9	1.5	6.5	4.7	1.7	6.8	5.2	1.9	7.0	5.7	2.2	
		23	5.6	2.3	1.5	5.9	2.6	1.6	6.9	3.2	1.7	7.2	3.5	1.9	7.4	3.8	2.2	
	29	19	5.4	3.6	1.4	5.7	4.1	1.6	6.6	5.1	1.7	6.9	5.6	1.9	7.1	6.1	2.2	
		30	16	5.0	3.8	1.4	5.3	4.3	1.5	6.2	5.3	1.6	6.4	5.9	1.8	6.6	6.4	2.2
			19	5.4	3.9	1.4	5.8	4.4	1.6	6.7	5.4	1.7	7.0	6.0	1.9	7.2	6.5	2.2
23	5.7		3.2	1.5	6.1	3.6	1.6	7.0	4.4	1.7	7.3	4.9	1.9	7.6	5.3	2.3		
32	16	5.2	4.1	1.4	5.6	4.7	1.5	6.5	5.8	1.6	6.8	6.4	1.9	7.0	6.9	2.2		
	19	5.6	4.4	1.5	5.9	4.9	1.6	6.9	6.1	1.7	7.2	6.7	1.9	7.4	7.3	2.2		
	23	5.7	4.0	1.5	6.1	4.5	1.6	7.1	5.5	1.7	7.4	6.1	1.9	7.6	6.6	2.3		

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AFR	Indoor temperature		Outdoor temperature DB (°C)														
			18			21			25			30			35		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1760	18	9	3.5	1.3	1.1	3.7	1.5	1.2	4.3	1.8	1.2	4.5	2.0	1.4	4.6	3.1	1.6
		12	3.6	0.8	1.1	3.8	1.0	1.2	4.5	1.2	1.3	4.7	1.3	1.5	4.8	2.0	1.7
		15	4.3	0.9	1.2	4.6	1.0	1.3	5.4	1.2	1.4	5.6	1.3	1.6	5.8	2.1	1.9
	21	12	4.3	2.0	1.3	4.6	2.2	1.4	5.4	2.7	1.5	5.6	3.0	1.7	5.8	4.7	2.0
		15	4.4	1.6	1.3	4.7	1.8	1.4	5.5	2.2	1.5	5.7	2.5	1.7	5.9	3.8	2.0
		19	5.1	1.3	1.4	5.5	1.4	1.5	6.4	1.8	1.6	6.6	2.0	1.9	6.9	3.0	2.2
	24	16	4.6	2.0	1.3	4.9	2.3	1.4	5.7	2.8	1.5	6.0	3.1	1.7	6.2	4.8	2.0
		19	5.2	2.0	1.4	5.6	2.2	1.5	6.5	2.7	1.6	6.8	3.0	1.9	7.0	4.7	2.2
		23	5.1	0.9	1.5	5.5	1.0	1.6	6.4	1.3	1.7	6.7	1.4	1.9	6.9	2.2	2.3
	27	16	4.8	2.5	1.4	5.1	2.9	1.5	6.0	3.5	1.6	6.2	3.9	1.8	6.4	6.0	2.2
		19	5.4	2.5	1.4	5.7	2.8	1.6	6.6	3.5	1.7	6.9	3.8	1.9	7.1	6.0	2.2
		23	5.7	1.7	1.5	6.1	1.9	1.6	7.0	2.4	1.7	7.3	2.6	1.9	7.6	4.0	2.3
	29	19	5.5	2.7	1.5	5.8	3.0	1.6	6.8	3.7	1.7	7.1	4.1	1.9	7.3	6.4	2.2
		16	5.1	2.8	1.4	5.4	3.2	1.5	6.3	3.9	1.6	6.6	4.3	1.9	6.8	6.7	2.2
		19	5.5	2.9	1.5	5.9	3.2	1.6	6.8	4.0	1.7	7.1	4.4	1.9	7.4	6.8	2.2
	30	23	5.8	2.3	1.5	6.2	2.7	1.6	7.2	3.3	1.7	7.5	3.6	1.9	7.7	5.6	2.3
		16	5.3	3.0	1.4	5.7	3.4	1.6	6.6	4.2	1.7	6.9	4.7	1.9	7.1	7.3	2.2
		19	5.7	3.2	1.5	6.1	3.6	1.6	7.0	4.5	1.7	7.3	4.9	1.9	7.6	7.6	2.3
32	23	5.7	2.8	1.5	6.1	3.2	1.6	7.1	4.0	1.7	7.4	4.4	1.9	7.6	6.8	2.3	
	18	9	3.5	0.9	1.1	3.7	1.1	1.2	4.3	1.3	1.2	4.5	1.4	1.4	4.7	3.1	1.7
	12	3.6	0.6	1.1	3.9	0.7	1.2	4.5	0.9	1.3	4.7	0.9	1.5	4.8	2.0	1.7	
1920	18	15	4.4	0.6	1.2	4.7	0.7	1.3	5.4	0.9	1.4	5.7	1.0	1.6	5.8	2.1	1.9
		12	4.4	1.4	1.3	4.7	1.6	1.4	5.4	2.0	1.5	5.6	2.2	1.7	5.8	4.7	2.0
		15	4.5	1.2	1.3	4.8	1.3	1.4	5.5	1.6	1.5	5.8	1.8	1.7	6.0	3.9	2.0
	21	19	5.2	0.9	1.4	5.5	1.0	1.5	6.4	1.3	1.6	6.7	1.4	1.9	6.9	3.1	2.2
		16	4.7	1.5	1.3	5.0	1.7	1.4	5.8	2.0	1.5	6.0	2.3	1.7	6.2	4.9	2.0
		19	5.3	1.4	1.4	5.7	1.6	1.6	6.6	2.0	1.7	6.9	2.2	1.9	7.1	4.7	2.2
	24	23	5.2	0.7	1.5	5.5	0.8	1.6	6.4	0.9	1.7	6.7	1.0	2.0	6.9	2.2	2.3
		16	4.9	1.8	1.4	5.2	2.1	1.5	6.0	2.6	1.6	6.3	2.8	1.9	6.5	6.1	2.2
		19	5.4	1.8	1.5	5.8	2.1	1.6	6.7	2.5	1.7	7.0	2.8	1.9	7.2	6.0	2.2
	27	23	5.7	1.2	1.5	6.1	1.4	1.6	7.1	1.7	1.7	7.4	1.9	1.9	7.6	4.1	2.3
		19	5.5	1.9	1.5	5.9	2.2	1.6	6.8	2.7	1.7	7.1	3.0	1.9	7.4	6.4	2.3
		16	5.1	2.0	1.4	5.5	2.3	1.5	6.4	2.9	1.6	6.6	3.1	1.9	6.8	6.8	2.2
	30	19	5.6	2.1	1.5	5.9	2.4	1.6	6.9	2.9	1.7	7.2	3.2	1.9	7.4	6.9	2.3
		23	5.8	1.7	1.5	6.2	1.9	1.6	7.3	2.4	1.7	7.6	2.6	2.0	7.8	5.6	2.3
		16	5.4	2.2	1.5	5.7	2.5	1.6	6.7	3.1	1.7	7.0	3.4	1.9	7.2	7.3	2.2
	32	19	5.7	2.3	1.5	6.1	2.6	1.6	7.1	3.3	1.7	7.4	3.6	1.9	7.6	7.7	2.3
		23	5.7	2.1	1.5	6.1	2.3	1.6	7.1	2.9	1.7	7.4	3.1	1.9	7.6	6.8	2.3

AFR	Indoor temperature		Outdoor temperature DB (°C)											
			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1280	18	9	4.1	2.4	1.7	3.4	2.0	1.4	3.2	1.9	1.4	3.0	1.8	1.4
		12	4.3	1.6	1.8	3.5	1.3	1.5	3.3	1.3	1.4	3.1	1.2	1.5
		15	5.2	1.6	2.0	4.2	1.3	1.6	4.0	1.3	1.6	3.7	1.2	1.6
	21	12	5.1	3.7	2.1	4.2	3.0	1.7	3.9	2.9	1.6	3.7	2.8	1.7
		15	5.3	3.0	2.1	4.3	2.5	1.8	4.0	2.4	1.7	3.8	2.3	1.7
		19	6.1	2.4	2.3	5.0	2.0	1.9	4.7	1.9	1.8	4.4	1.8	1.8
	24	16	5.5	3.7	2.1	4.5	3.1	1.8	4.2	3.0	1.7	3.9	2.8	1.7
		19	6.3	3.6	2.3	5.1	3.0	1.9	4.8	2.9	1.8	4.5	2.8	1.9
		23	6.1	1.7	2.4	5.0	1.4	2.0	4.7	1.4	1.9	4.4	1.3	1.9
	27	16	5.7	4.7	2.3	4.7	3.9	1.9	4.4	3.7	1.8	4.1	3.5	1.8
		19	6.4	4.6	2.4	5.2	3.9	1.9	4.9	3.7	1.8	4.6	3.5	1.9
		23	6.8	3.2	2.4	5.5	2.6	2.0	5.2	2.5	1.9	4.8	2.4	1.9
	29	19	6.5	5.0	2.4	5.3	4.1	2.0	5.0	4.0	1.9	4.6	3.8	1.9
		16	6.0	5.2	2.3	4.9	4.4	1.9	4.6	4.1	1.8	4.3	3.8	1.8
		19	6.6	5.3	2.4	5.4	4.4	2.0	5.0	4.2	1.9	4.7	4.0	1.9
	30	23	6.9	4.3	2.4	5.6	3.6	2.0	5.3	3.5	1.9	4.9	3.3	1.9
		16	6.4	5.7	2.3	5.2	4.6	1.9	4.9	4.3	1.8	4.5	4.0	1.9
		19	6.8	6.0	2.4	5.5	4.9	2.0	5.2	4.6	1.9	4.8	4.3	1.9
32	23	7.5	5.8	2.5	6.1	4.8	2.0	5.7	4.6	1.9	5.3	4.4	2.0	
	18	9	4.4	2.7	1.8	3.6	2.2	1.4	3.3	2.1	1.4	3.1	2.0	1.4
	12	4.5	1.7	1.8	3.7	1.4	1.5	3.5	1.4	1.4	3.2	1.3	1.5	
1440	18	15	5.4	1.8	2.0	4.4	1.5	1.7	4.2	1.4	1.6	3.9	1.3	1.6
		12	5.4	4.0	2.1	4.4	3.3	1.7	4.1	3.2	1.7	3.9	3.0	1.7
		15	5.6	3.3	2.2	4.5	2.7	1.8	4.2	2.6	1.7	4.0	2.5	1.7
	21	19	6.5	2.6	2.3	5.3	2.2	1.9	4.9	2.1	1.8	4.6	2.0	1.9
		16	5.8	4.1	2.2	4.7	3.4	1.8	4.4	3.3	1.7	4.1	3.1	1.7
		19	6.6	4.0	2.4	5.4	3.3	1.9	5.0	3.2	1.8	4.7	3.0	1.9
	24	23	6.5	1.9	2.4	5.3	1.6	2.0	4.9	1.5	1.9	4.6	1.4	2.0
		16	6.1	5.2	2.3	4.9	4.3	1.9	4.6	4.1	1.8	4.3	3.9	1.8
		19	6.7	5.1	2.4	5.5	4.3	2.0	5.1	4.1	1.9	4.8	3.9	1.9
	27	23	7.1	3.5	2.4	5.8	2.9	2.0	5.5	2.8	1.9	5.1	2.6	1.9
		19	6.9	5.5	2.4	5.6	4.6	2.0	5.2	4.4	1.9	4.9	4.1	1.9
		16	6.4	5.8	2.3	5.2	4.8	1.9	4.9	4.5	1.8	4.6	4.2	1.9
	30	19	6.9	5.8	2.4	5.7	4.9	2.0	5.3	4.7	1.9	4.9	4.4	1.9
		23	7.3	4.8	2.4	5.9	4.0	2.0	5.6	3.8	1.9	5.2	3.6	2.0
		16	6.7	6.2	2.4	5.5	5.1	2.0	5.1	4.8	1.9	4.8	4.4	1.9
	32	19	7.1	6.6	2.4	5.8	5.4	2.0	5.5	5.1	1.9	5.1	4.7	1.9
		23	7.5	6.1	2.5	6.1	5.1	2.0	5.7	4.8	1.9	5.3	4.6	2.0
		9	4.4	2.9	1.8	3.6	2.4	1.5	3.4	2.3	1.4	3.2	2.2	1.4
1600	18	12	4.6	1.9	1.9	3.8	1.6	1.5	3.5	1.5	1.4	3.3	1.4	1.5
		15	5.6	2.0	2.0	4.5	1.6	1.7	4.3	1.6	1.6	4.0	1.5	1.6
		12	5.5	4.4	2.1	4.5	3.7	1.8	4.2	3.5	1.7	4.0	3.3	1.7
	21	15	5.7	3.6	2.2	4.6	3.0	1.8	4.3	2.9	1.7	4.0	2.7	1.7
		19	6.6	2.9	2.4	5.4	2.4	1.9	5.0	2.3	1.8	4.7	2.2	1.9
		16	5.9	4.5	2.2	4.8	3.8	1.8	4.5	3.6	1.7	4.2	3.4	1.7
	24	19	6.7	4.4	2.4	5.5	3.7	2.0	5.1	3.5	1.9	4.8	3.3	1.9
		23	6.6	2.1	2.5	5.4	1.7	2.0	5.0	1.6	1.9	4.7	1.6	2.0
		16	6.2	5.7	2.3	5.0	4.7	1.9	4.7	4.5	1.8	4.4	4.3	1.9
	27	19	6.9	5.6	2.4	5.6	4.7	2.0	5.3	4.5	1.9	4.9	4.2	1.9
		23	7.3	3.8	2.4	5.9	3.2	2.0	5.6	3.0	1.9	5.2	2.9	2.0
		19	7.0	6.0	2.4	5.7	5.0	2.0	5.4	4.8	1.9	5.0	4.5	1.9
	30	16	6.5	6.3	2.3	5.3	5.3	1.9	5.0	5.0	1.8	4.6	4.6	1.9
		19	7.1	6.4	2.4	5.8	5.3	2.0	5.4	5.1	1.9	5.0	4.9	1.9
		23	7.4	5.3	2.5	6.1	4.4	2.0	5.7	4.2	1.9	5.3	4.0	2.0
	32	16	6.8	6.8	2.4	5.6	5.6	2.0	5.2	5.2	1.9	4.9	4.9	1.9
		19	7.3	7.2	2.4	5.9	5.9	2.0	5.6	5.6	1.9	5.2	5.2	2.0
		23	7.5	6.5	2.5	6.1	5.4	2.0	5.7	5.2	1.9	5.3	4.9	2.0

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)												
			39			43			46			48			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1760	18	9	4.5	2.1	1.8	3.7	1.8	1.5	3.5	1.7	1.4	3.2	1.6	1.4	
		12	4.7	1.4	1.9	3.8	1.2	1.5	3.6	1.1	1.5	3.4	1.1	1.5	
		15	5.7	1.4	2.1	4.6	1.2	1.7	4.3	1.1	1.6	4.0	1.1	1.6	
	21	12	5.6	3.2	2.2	4.6	2.7	1.8	4.3	2.6	1.7	4.0	2.5	1.7	
		15	5.8	2.7	2.2	4.7	2.2	1.8	4.4	2.1	1.7	4.1	2.0	1.8	
		19	6.7	2.1	2.4	5.5	1.7	2.0	5.1	1.7	1.9	4.8	1.6	1.9	
	24	16	6.0	3.3	2.2	4.9	2.8	1.8	4.6	2.6	1.7	4.3	2.5	1.8	
		19	6.9	3.2	2.4	5.6	2.7	2.0	5.2	2.6	1.9	4.9	2.4	1.9	
		23	6.7	1.5	2.5	5.5	1.3	2.1	5.1	1.2	1.9	4.8	1.2	2.0	
	27	16	6.3	4.2	2.3	5.1	3.5	1.9	4.8	3.3	1.8	4.5	3.1	1.9	
		19	7.0	4.1	2.4	5.7	3.4	2.0	5.4	3.3	1.9	5.0	3.1	1.9	
		23	7.4	2.8	2.5	6.1	2.3	2.0	5.7	2.2	1.9	5.3	2.1	2.0	
	29	19	7.1	4.4	2.4	5.8	3.7	2.0	5.5	3.5	1.9	5.1	3.3	2.0	
		30	16	6.6	4.6	2.4	5.4	3.9	2.0	5.1	3.7	1.9	4.7	3.4	1.9
			19	7.2	4.7	2.4	5.9	3.9	2.0	5.5	3.7	1.9	5.1	3.6	2.0
	23		7.6	3.9	2.5	6.2	3.2	2.1	5.8	3.1	1.9	5.4	2.9	2.0	
	32	16	7.0	5.0	2.4	5.7	4.1	2.0	5.3	3.8	1.9	5.0	3.6	1.9	
		19	7.4	5.3	2.5	6.1	4.4	2.0	5.7	4.1	1.9	5.3	3.8	2.0	
23		7.5	4.7	2.5	6.1	3.9	2.0	5.7	3.7	1.9	5.3	3.6	2.0		
1920	18	9	4.6	1.6	1.8	3.7	1.3	1.5	3.5	1.2	1.4	3.3	1.2	1.4	
		12	4.8	1.0	1.9	3.9	0.8	1.6	3.6	0.8	1.5	3.4	0.8	1.5	
		15	5.7	1.0	2.1	4.7	0.9	1.7	4.4	0.8	1.6	4.1	0.8	1.7	
	21	12	5.7	2.4	2.2	4.7	2.0	1.8	4.4	1.9	1.7	4.1	1.8	1.7	
		15	5.8	1.9	2.2	4.8	1.6	1.8	4.5	1.5	1.7	4.2	1.5	1.8	
		19	6.8	1.5	2.4	5.5	1.3	2.0	5.2	1.2	1.9	4.8	1.2	1.9	
	24	16	6.1	2.4	2.2	5.0	2.0	1.8	4.7	1.9	1.7	4.4	1.8	1.8	
		19	6.9	2.3	2.4	5.7	2.0	2.0	5.3	1.9	1.9	4.9	1.8	1.9	
		23	6.8	1.1	2.5	5.5	0.9	2.1	5.2	0.9	2.0	4.8	0.8	2.0	
	27	16	6.4	3.0	2.4	5.2	2.5	2.0	4.9	2.4	1.9	4.5	2.3	1.9	
		19	7.1	3.0	2.4	5.8	2.5	2.0	5.4	2.4	1.9	5.0	2.3	2.0	
		23	7.5	2.0	2.5	6.1	1.7	2.1	5.7	1.6	1.9	5.3	1.5	2.0	
	29	19	7.2	3.2	2.5	5.9	2.7	2.0	5.5	2.6	1.9	5.1	2.4	2.0	
		30	16	6.7	3.4	2.4	5.5	2.8	2.0	5.1	2.7	1.9	4.8	2.5	1.9
			19	7.3	3.4	2.5	5.9	2.9	2.0	5.6	2.7	1.9	5.2	2.6	2.0
	23		7.6	2.8	2.5	6.2	2.3	2.1	5.8	2.2	2.0	5.5	2.1	2.0	
	32	16	7.0	3.6	2.4	5.7	3.0	2.0	5.4	2.8	1.9	5.0	2.6	2.0	
		19	7.5	3.8	2.5	6.1	3.2	2.1	5.7	3.0	1.9	5.3	2.8	2.0	
23		7.5	3.4	2.5	6.1	2.8	2.0	5.7	2.7	1.9	5.3	2.6	2.0		

Outdoor Unit:GUHD30NK3CO Indoor Unit:GFH30K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)															
			18			21			25			30			35			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1200	18	9	3.7	1.7	1.2	4.0	1.9	1.3	4.6	2.4	1.4	4.8	2.6	1.6	4.9	2.8	1.9	
		12	3.8	1.1	1.3	4.1	1.3	1.4	4.8	1.6	1.5	5.0	1.7	1.7	5.1	1.9	2.0	
		15	4.6	1.1	1.4	4.9	1.3	1.5	5.7	1.6	1.6	6.0	1.8	1.8	6.2	1.9	2.2	
	21	12	4.6	2.6	1.5	4.9	2.9	1.6	5.7	3.6	1.7	6.0	4.0	1.9	6.1	4.3	2.3	
		15	4.7	2.1	1.5	5.0	2.4	1.6	5.9	3.0	1.7	6.1	3.3	2.0	6.3	3.5	2.3	
		19	5.5	1.7	1.6	5.9	1.9	1.7	6.8	2.3	1.9	7.1	2.6	2.1	7.3	2.8	2.5	
	24	16	4.9	2.7	1.5	5.3	3.0	1.6	6.1	3.7	1.7	6.4	4.1	2.0	6.6	4.4	2.3	
		19	5.6	2.6	1.6	6.0	2.9	1.8	7.0	3.6	1.9	7.2	4.0	2.1	7.5	4.3	2.5	
		23	5.5	1.2	1.7	5.9	1.4	1.8	6.8	1.7	2.0	7.1	1.9	2.2	7.3	2.0	2.6	
	27	16	5.1	3.3	1.6	5.5	3.8	1.7	6.4	4.6	1.9	6.7	5.1	2.1	6.9	5.5	2.5	
		19	5.7	3.3	1.7	6.1	3.7	1.8	7.1	4.6	1.9	7.4	5.1	2.2	7.6	5.5	2.5	
		23	6.1	2.2	1.7	6.5	2.5	1.8	7.5	3.1	1.9	7.8	3.4	2.2	8.1	3.7	2.6	
	29	19	5.8	3.5	1.7	6.2	4.0	1.8	7.2	4.9	1.9	7.5	5.4	2.2	7.8	5.9	2.6	
		30	16	5.4	3.7	1.6	5.8	4.2	1.7	6.7	5.2	1.9	7.0	5.7	2.1	7.2	6.2	2.5
			19	5.9	3.8	1.7	6.3	4.3	1.8	7.3	5.3	1.9	7.6	5.8	2.2	7.9	6.3	2.6
	23		6.2	3.1	1.7	6.6	3.5	1.8	7.7	4.3	2.0	8.0	4.7	2.2	8.2	5.1	2.6	
	32	16	5.7	4.0	1.7	6.1	4.6	1.8	7.1	5.6	1.9	7.4	6.2	2.2	7.6	6.7	2.5	
		19	6.1	4.2	1.7	6.5	4.8	1.8	7.5	5.9	1.9	7.8	6.5	2.2	8.1	7.1	2.6	
23		6.7	4.1	1.7	7.2	4.7	1.9	8.3	5.8	2.0	8.7	6.3	2.3	9.0	6.9	2.7		
1350	18	9	3.9	1.9	1.2	4.2	2.1	1.3	4.8	2.6	1.4	5.1	2.9	1.6	5.2	3.1	1.9	
		12	4.1	1.2	1.3	4.3	1.4	1.4	5.0	1.7	1.5	5.2	1.9	1.7	5.4	2.0	2.0	
		15	4.9	1.3	1.4	5.2	1.4	1.5	6.1	1.8	1.6	6.3	1.9	1.9	6.5	2.1	2.2	
	21	12	4.9	2.9	1.5	5.2	3.2	1.6	6.0	4.0	1.7	6.3	4.4	2.0	6.5	4.8	2.3	
		15	5.0	2.3	1.5	5.3	2.6	1.6	6.2	3.3	1.8	6.4	3.6	2.0	6.6	3.9	2.3	
		19	5.8	1.8	1.6	6.2	2.1	1.8	7.2	2.6	1.9	7.5	2.8	2.1	7.7	3.1	2.5	
	24	16	5.2	2.9	1.5	5.5	3.3	1.6	6.4	4.1	1.8	6.7	4.5	2.0	6.9	4.9	2.3	
		19	5.9	2.8	1.7	6.3	3.2	1.8	7.3	4.0	1.9	7.6	4.4	2.2	7.9	4.7	2.5	
		23	5.8	1.3	1.7	6.2	1.5	1.9	7.2	1.9	2.0	7.5	2.1	2.3	7.7	2.2	2.7	
	27	16	5.4	3.7	1.6	5.8	4.1	1.7	6.7	5.1	1.9	7.0	5.6	2.1	7.2	6.1	2.5	
		19	6.0	3.6	1.7	6.4	4.1	1.8	7.5	5.1	1.9	7.8	5.6	2.2	8.0	6.1	2.6	
		23	6.4	2.5	1.7	6.8	2.8	1.8	7.9	3.4	2.0	8.3	3.8	2.2	8.5	4.1	2.6	
	29	19	6.1	3.9	1.7	6.6	4.4	1.8	7.6	5.4	1.9	8.0	6.0	2.2	8.2	6.5	2.6	
		30	16	5.7	4.1	1.6	6.1	4.6	1.8	7.1	5.7	1.9	7.4	6.3	2.1	7.6	6.8	2.5
			19	6.2	4.2	1.7	6.6	4.7	1.8	7.7	5.8	1.9	8.0	6.4	2.2	8.3	6.9	2.6
	23		6.5	3.4	1.7	7.0	3.9	1.9	8.1	4.7	2.0	8.4	5.2	2.3	8.7	5.7	2.7	
	32	16	6.0	4.4	1.7	6.4	5.0	1.8	7.4	6.2	1.9	7.8	6.8	2.2	8.0	7.4	2.6	
		19	6.4	4.7	1.7	6.8	5.3	1.8	7.9	6.5	2.0	8.3	7.2	2.2	8.5	7.8	2.6	
23		6.7	4.3	1.7	7.2	4.9	1.9	8.3	6.0	2.0	8.7	6.6	2.3	9.0	7.2	2.7		
1500	18	9	4.0	2.1	1.2	4.3	2.3	1.3	4.9	2.9	1.4	5.2	3.2	1.6	5.3	3.4	1.9	
		12	4.1	1.3	1.3	4.4	1.5	1.4	5.1	1.9	1.5	5.3	2.1	1.7	5.5	2.2	2.0	
		15	5.0	1.4	1.4	5.3	1.6	1.5	6.2	1.9	1.7	6.4	2.1	1.9	6.6	2.3	2.2	
	21	12	5.0	3.1	1.5	5.3	3.6	1.6	6.1	4.4	1.7	6.4	4.8	2.0	6.6	5.2	2.3	
		15	5.1	2.6	1.5	5.4	2.9	1.7	6.3	3.6	1.8	6.6	3.9	2.0	6.8	4.3	2.4	
		19	5.9	2.0	1.7	6.3	2.3	1.8	7.3	2.8	1.9	7.6	3.1	2.2	7.9	3.4	2.5	
	24	16	5.3	3.2	1.5	5.7	3.6	1.7	6.6	4.5	1.8	6.9	4.9	2.0	7.1	5.4	2.4	
		19	6.0	3.1	1.7	6.4	3.5	1.8	7.5	4.4	1.9	7.8	4.8	2.2	8.0	5.2	2.6	
		23	5.9	1.5	1.7	6.3	1.7	1.9	7.3	2.1	2.0	7.6	2.3	2.3	7.9	2.4	2.7	
	27	16	5.5	4.0	1.6	5.9	4.6	1.8	6.9	5.6	1.9	7.2	6.2	2.1	7.4	6.7	2.5	
		19	6.2	4.0	1.7	6.6	4.5	1.8	7.6	5.6	2.0	8.0	6.1	2.2	8.2	6.6	2.6	
		23	6.5	2.7	1.7	7.0	3.1	1.9	8.1	3.8	2.0	8.4	4.2	2.3	8.7	4.5	2.7	
	29	19	6.3	4.3	1.7	6.7	4.8	1.8	7.8	6.0	2.0	8.1	6.6	2.2	8.4	7.1	2.6	
		30	16	5.8	4.5	1.7	6.2	5.1	1.8	7.2	6.3	1.9	7.5	6.9	2.2	7.8	7.5	2.5
			19	6.3	4.6	1.7	6.8	5.2	1.8	7.9	6.4	2.0	8.2	7.0	2.2	8.4	7.6	2.6
	23		6.7	3.7	1.7	7.1	4.2	1.9	8.2	5.2	2.0	8.6	5.7	2.3	8.9	6.2	2.7	
	32	16	6.1	4.9	1.7	6.5	5.5	1.8	7.6	6.8	1.9	7.9	7.5	2.2	8.2	8.1	2.6	
		19	6.5	5.1	1.7	7.0	5.8	1.9	8.1	7.1	2.0	8.4	7.9	2.3	8.7	8.5	2.7	
23		6.7	4.6	1.7	7.2	5.3	1.9	8.3	6.5	2.0	8.7	7.1	2.3	9.0	7.7	2.7		

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AFR	Indoor temperature		Outdoor temperature DB (°C)														
			18			21			25			30			35		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1650	18	9	4.1	1.5	1.3	4.3	1.7	1.4	5.0	2.1	1.5	5.3	2.3	1.7	5.4	3.6	1.9
		12	4.2	1.0	1.3	4.5	1.1	1.4	5.2	1.4	1.5	5.5	1.5	1.7	5.6	2.4	2.0
		15	5.1	1.0	1.5	5.4	1.2	1.6	6.3	1.4	1.7	6.6	1.6	1.9	6.8	2.4	2.2
	21	12	5.1	2.3	1.5	5.4	2.6	1.6	6.3	3.2	1.8	6.5	3.5	2.0	6.7	5.5	2.3
		15	5.2	1.9	1.6	5.5	2.1	1.7	6.4	2.6	1.8	6.7	2.9	2.0	6.9	4.5	2.4
		19	6.0	1.5	1.7	6.4	1.7	1.8	7.5	2.1	1.9	7.8	2.3	2.2	8.0	3.6	2.6
	24	16	5.4	2.4	1.6	5.8	2.7	1.7	6.7	3.3	1.8	7.0	3.6	2.0	7.2	5.6	2.4
		19	6.1	2.3	1.7	6.6	2.6	1.8	7.6	3.2	1.9	8.0	3.5	2.2	8.2	5.5	2.6
		23	6.0	1.1	1.8	6.4	1.2	1.9	7.5	1.5	2.0	7.8	1.7	2.3	8.0	2.6	2.7
	27	16	5.6	3.0	1.7	6.0	3.3	1.8	7.0	4.1	1.9	7.3	4.5	2.2	7.5	7.0	2.5
		19	6.3	2.9	1.7	6.7	3.3	1.8	7.8	4.1	2.0	8.1	4.5	2.2	8.4	7.0	2.6
		23	6.6	2.0	1.7	7.1	2.3	1.9	8.2	2.8	2.0	8.6	3.0	2.3	8.9	4.7	2.7
	29	19	6.4	3.1	1.7	6.8	3.6	1.9	7.9	4.4	2.0	8.3	4.8	2.3	8.5	7.5	2.7
		16	5.9	3.3	1.7	6.3	3.7	1.8	7.4	4.6	1.9	7.7	5.1	2.2	7.9	7.9	2.6
		19	6.5	3.3	1.7	6.9	3.8	1.9	8.0	4.7	2.0	8.4	5.1	2.3	8.6	8.0	2.7
	30	23	6.8	2.7	1.8	7.2	3.1	1.9	8.4	3.8	2.0	8.8	4.2	2.3	9.0	6.5	2.7
		16	6.3	3.6	1.7	6.7	4.0	1.8	7.8	5.0	2.0	8.1	5.5	2.2	8.3	8.5	2.6
		19	6.6	3.8	1.7	7.1	4.3	1.9	8.2	5.2	2.0	8.6	5.8	2.3	8.9	9.0	2.7
	32	23	6.7	3.3	1.7	7.2	3.8	1.9	8.3	4.7	2.0	8.7	5.1	2.3	9.0	8.0	2.7
		9	4.1	1.1	1.3	4.4	1.2	1.4	5.1	1.5	1.5	5.3	1.7	1.7	5.5	3.7	2.0
		12	4.3	0.7	1.3	4.5	0.8	1.4	5.3	1.0	1.5	5.5	1.1	1.7	5.7	2.4	2.1
1800	18	15	5.1	0.7	1.5	5.5	0.8	1.6	6.4	1.0	1.7	6.6	1.1	1.9	6.8	2.5	2.3
		12	5.1	1.7	1.5	5.4	1.9	1.7	6.3	2.3	1.8	6.6	2.6	2.0	6.8	5.5	2.4
		15	5.2	1.4	1.6	5.6	1.6	1.7	6.5	1.9	1.8	6.8	2.1	2.1	7.0	4.5	2.4
	21	19	6.1	1.1	1.7	6.5	1.2	1.8	7.5	1.5	1.9	7.9	1.7	2.2	8.1	3.6	2.6
		16	5.5	1.7	1.6	5.8	1.9	1.7	6.8	2.4	1.8	7.1	2.6	2.1	7.3	5.7	2.4
		19	6.2	1.7	1.7	6.6	1.9	1.8	7.7	2.3	2.0	8.0	2.6	2.2	8.3	5.5	2.6
	24	23	6.1	0.8	1.8	6.5	0.9	1.9	7.5	1.1	2.0	7.9	1.2	2.3	8.1	2.6	2.7
		16	5.7	2.1	1.7	6.1	2.4	1.8	7.1	3.0	1.9	7.4	3.3	2.2	7.6	7.1	2.6
		19	6.3	2.1	1.7	6.8	2.4	1.9	7.9	3.0	2.0	8.2	3.3	2.3	8.4	7.0	2.7
	27	23	6.7	1.4	1.8	7.2	1.6	1.9	8.3	2.0	2.0	8.7	2.2	2.3	9.0	4.8	2.7
		19	6.5	2.3	1.7	6.9	2.6	1.9	8.0	3.2	2.0	8.4	3.5	2.3	8.6	7.5	2.7
		16	6.0	2.4	1.7	6.4	2.7	1.8	7.4	3.3	1.9	7.8	3.7	2.2	8.0	7.9	2.6
	30	19	6.5	2.4	1.7	7.0	2.8	1.9	8.1	3.4	2.0	8.4	3.7	2.3	8.7	8.1	2.7
		23	6.9	2.0	1.8	7.3	2.3	1.9	8.5	2.8	2.0	8.9	3.1	2.3	9.1	6.6	2.7
		16	6.3	2.6	1.7	6.7	2.9	1.9	7.8	3.6	2.0	8.2	4.0	2.3	8.4	8.6	2.7
	32	19	6.7	2.7	1.8	7.2	3.1	1.9	8.3	3.8	2.0	8.7	4.2	2.3	9.0	9.0	2.7
		23	6.7	2.4	1.7	7.2	2.7	1.9	8.3	3.4	2.0	8.7	3.7	2.3	9.0	8.0	2.7

AFR	Indoor temperature		Outdoor temperature DB (°C)											
			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1200	18	9	4.8	2.8	2.1	4.0	2.3	1.7	3.7	2.2	1.6	3.5	2.1	1.6
		12	5.0	1.8	2.1	4.1	1.5	1.8	3.8	1.5	1.7	3.6	1.4	1.7
		15	6.1	1.9	2.4	4.9	1.6	1.9	4.6	1.5	1.8	4.3	1.4	1.9
	21	12	6.0	4.3	2.5	4.9	3.6	2.0	4.6	3.4	1.9	4.3	3.2	2.0
		15	6.2	3.5	2.5	5.0	2.9	2.1	4.7	2.8	2.0	4.4	2.6	2.0
		19	7.2	2.8	2.7	5.9	2.3	2.2	5.5	2.2	2.1	5.1	2.1	2.2
	24	16	6.4	4.4	2.5	5.3	3.7	2.1	4.9	3.5	2.0	4.6	3.3	2.0
		19	7.3	4.3	2.7	6.0	3.6	2.3	5.6	3.4	2.1	5.2	3.2	2.2
		23	7.2	2.0	2.9	5.9	1.7	2.4	5.5	1.6	2.2	5.1	1.5	2.3
	27	16	6.7	5.5	2.7	5.5	4.6	2.2	5.1	4.4	2.1	4.8	4.2	2.2
		19	7.5	5.4	2.8	6.1	4.5	2.3	5.7	4.3	2.2	5.3	4.1	2.2
		23	7.9	3.7	2.8	6.5	3.1	2.3	6.1	2.9	2.2	5.7	2.8	2.3
29	19	7.6	5.8	2.8	6.2	4.9	2.3	5.8	4.6	2.2	5.4	4.4	2.2	
	16	7.1	6.1	2.7	5.8	5.1	2.2	5.4	4.8	2.1	5.1	4.5	2.2	
	19	7.7	6.2	2.8	6.3	5.2	2.3	5.9	4.9	2.2	5.5	4.7	2.2	
30	23	8.1	5.1	2.9	6.6	4.2	2.4	6.2	4.1	2.2	5.8	3.9	2.3	
	16	7.4	6.6	2.8	6.1	5.4	2.3	5.7	5.1	2.2	5.3	4.7	2.2	
	19	7.9	7.0	2.8	6.5	5.8	2.3	6.1	5.4	2.2	5.7	5.0	2.3	
32	23	8.8	6.8	2.9	7.2	5.7	2.4	6.7	5.4	2.3	6.3	5.1	2.3	
	18	9	5.1	3.1	2.1	4.2	2.6	1.7	3.9	2.5	1.6	3.6	2.3	1.7
	12	5.3	2.0	2.2	4.3	1.7	1.8	4.1	1.6	1.7	3.8	1.5	1.7	
1350	18	12	6.4	2.1	2.4	5.2	1.7	2.0	4.9	1.7	1.9	4.6	1.6	1.9
		15	6.4	4.7	2.5	5.2	3.9	2.1	4.9	3.7	2.0	4.5	3.6	2.0
		19	6.5	3.9	2.6	5.3	3.2	2.1	5.0	3.1	2.0	4.6	2.9	2.0
	21	12	6.4	4.7	2.5	5.2	3.9	2.1	4.9	3.7	2.0	4.5	3.6	2.0
		15	6.5	3.9	2.6	5.3	3.2	2.1	5.0	3.1	2.0	4.6	2.9	2.0
		19	7.6	3.0	2.7	6.2	2.5	2.3	5.8	2.4	2.1	5.4	2.3	2.2
	24	16	6.8	4.8	2.6	5.5	4.0	2.1	5.2	3.8	2.0	4.9	3.7	2.0
		19	7.7	4.7	2.8	6.3	3.9	2.3	5.9	3.7	2.2	5.5	3.6	2.2
		23	7.6	2.2	2.9	6.2	1.8	2.4	5.8	1.8	2.3	5.4	1.7	2.3
	27	16	7.1	6.0	2.7	5.8	5.0	2.2	5.4	4.8	2.1	5.1	4.6	2.2
		19	7.9	6.0	2.8	6.4	5.0	2.3	6.0	4.8	2.2	5.6	4.5	2.2
		23	8.3	4.1	2.9	6.8	3.4	2.4	6.4	3.2	2.2	6.0	3.1	2.3
29	19	8.0	6.4	2.8	6.6	5.3	2.3	6.1	5.1	2.2	5.7	4.9	2.3	
	16	7.5	6.7	2.7	6.1	5.6	2.3	5.7	5.3	2.1	5.3	5.0	2.2	
	19	8.1	6.9	2.8	6.6	5.7	2.3	6.2	5.5	2.2	5.8	5.2	2.3	
30	23	8.5	5.6	2.9	7.0	4.7	2.4	6.5	4.5	2.3	6.1	4.2	2.3	
	16	7.8	7.3	2.8	6.4	6.0	2.3	6.0	5.6	2.2	5.6	5.2	2.2	
	19	8.3	7.7	2.9	6.8	6.3	2.4	6.4	5.9	2.2	6.0	5.5	2.3	
32	23	8.8	7.1	2.9	7.2	5.9	2.4	6.7	5.7	2.3	6.3	5.4	2.3	
	16	7.8	7.3	2.8	6.4	6.0	2.3	6.0	5.6	2.2	5.6	5.2	2.2	
	19	8.3	7.7	2.9	6.8	6.3	2.4	6.4	5.9	2.2	6.0	5.5	2.3	
1500	18	9	5.2	3.4	2.1	4.3	2.8	1.7	4.0	2.7	1.6	3.7	2.6	1.7
		12	5.4	2.2	2.2	4.4	1.9	1.8	4.1	1.8	1.7	3.9	1.7	1.7
		15	6.5	2.3	2.4	5.3	1.9	2.0	5.0	1.8	1.9	4.6	1.7	1.9
	21	12	6.5	5.2	2.5	5.3	4.3	2.1	5.0	4.1	2.0	4.6	3.9	2.0
		15	6.6	4.2	2.6	5.4	3.5	2.1	5.1	3.4	2.0	4.7	3.2	2.1
		19	7.7	3.3	2.8	6.3	2.8	2.3	5.9	2.7	2.2	5.5	2.5	2.2
	24	16	6.9	5.3	2.6	5.7	4.4	2.1	5.3	4.2	2.0	5.0	4.0	2.1
		19	7.9	5.2	2.8	6.4	4.3	2.3	6.0	4.1	2.2	5.6	3.9	2.2
		23	7.7	2.4	2.9	6.3	2.0	2.4	5.9	1.9	2.3	5.5	1.8	2.3
	27	16	7.2	6.6	2.7	5.9	5.5	2.3	5.5	5.3	2.1	5.2	5.0	2.2
		19	8.0	6.6	2.8	6.6	5.5	2.3	6.2	5.2	2.2	5.7	5.0	2.3
		23	8.5	4.5	2.9	7.0	3.7	2.4	6.5	3.5	2.3	6.1	3.4	2.3
29	19	8.2	7.0	2.9	6.7	5.9	2.4	6.3	5.6	2.2	5.9	5.3	2.3	
	16	7.6	7.4	2.8	6.2	6.2	2.3	5.8	5.8	2.2	5.4	5.4	2.2	
	19	8.3	7.5	2.9	6.8	6.3	2.4	6.3	6.0	2.2	5.9	5.7	2.3	
30	23	8.7	6.2	2.9	7.1	5.1	2.4	6.7	4.9	2.3	6.2	4.7	2.3	
	16	8.0	8.0	2.8	6.5	6.5	2.3	6.1	6.1	2.2	5.7	5.7	2.3	
	19	8.5	8.4	2.9	7.0	7.0	2.4	6.5	6.5	2.3	6.1	6.1	2.3	
32	19	8.5	8.4	2.9	7.0	7.0	2.4	6.5	6.5	2.3	6.1	6.1	2.3	
	23	8.8	7.6	2.9	7.2	6.4	2.4	6.7	6.1	2.3	6.3	5.8	2.3	

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AFR	Indoor temperature		Outdoor temperature DB (°C)											
			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1650	18	9	5.3	2.5	2.1	4.3	2.1	1.7	4.1	2.0	1.7	3.8	1.9	1.7
		12	5.5	1.6	2.2	4.5	1.4	1.8	4.2	1.3	1.7	3.9	1.2	1.8
		15	6.6	1.7	2.4	5.4	1.4	2.0	5.1	1.3	1.9	4.7	1.3	1.9
	21	12	6.6	3.8	2.6	5.4	3.2	2.1	5.1	3.0	2.0	4.7	2.9	2.0
		15	6.8	3.1	2.6	5.5	2.6	2.2	5.2	2.5	2.0	4.8	2.4	2.1
		19	7.9	2.5	2.8	6.4	2.0	2.3	6.0	2.0	2.2	5.6	1.9	2.2
	24	16	7.1	3.9	2.6	5.8	3.2	2.2	5.4	3.1	2.0	5.0	2.9	2.1
		19	8.0	3.8	2.8	6.6	3.2	2.3	6.1	3.0	2.2	5.7	2.9	2.3
		23	7.9	1.8	2.9	6.4	1.5	2.4	6.0	1.4	2.3	5.6	1.3	2.4
	27	16	7.4	4.9	2.8	6.0	4.1	2.3	5.6	3.9	2.2	5.3	3.7	2.2
		19	8.2	4.8	2.9	6.7	4.0	2.4	6.3	3.8	2.2	5.9	3.7	2.3
		23	8.7	3.3	2.9	7.1	2.7	2.4	6.6	2.6	2.3	6.2	2.5	2.3
	29	19	8.4	5.2	2.9	6.8	4.3	2.4	6.4	4.1	2.3	6.0	3.9	2.3
	30	16	7.8	5.4	2.8	6.3	4.5	2.3	5.9	4.3	2.2	5.5	4.0	2.2
		19	8.4	5.5	2.9	6.9	4.6	2.4	6.5	4.4	2.3	6.0	4.2	2.3
		23	8.9	4.5	2.9	7.2	3.8	2.4	6.8	3.6	2.3	6.3	3.4	2.4
	32	16	8.2	5.9	2.9	6.7	4.8	2.4	6.3	4.5	2.2	5.8	4.2	2.3
		19	8.7	6.2	2.9	7.1	5.1	2.4	6.6	4.8	2.3	6.2	4.5	2.3
23		8.8	5.5	2.9	7.2	4.6	2.4	6.7	4.4	2.3	6.3	4.2	2.3	
1800	18	9	5.4	1.8	2.1	4.4	1.5	1.8	4.1	1.4	1.7	3.8	1.4	1.7
		12	5.6	1.2	2.2	4.5	1.0	1.8	4.3	0.9	1.7	4.0	0.9	1.8
		15	6.7	1.2	2.5	5.5	1.0	2.0	5.1	1.0	1.9	4.8	0.9	2.0
	21	12	6.7	2.8	2.6	5.4	2.3	2.1	5.1	2.2	2.0	4.8	2.1	2.1
		15	6.8	2.3	2.6	5.6	1.9	2.2	5.2	1.8	2.1	4.9	1.7	2.1
		19	7.9	1.8	2.8	6.5	1.5	2.3	6.1	1.4	2.2	5.7	1.4	2.3
	24	16	7.1	2.8	2.6	5.8	2.4	2.2	5.5	2.3	2.1	5.1	2.1	2.1
		19	8.1	2.8	2.9	6.6	2.3	2.4	6.2	2.2	2.2	5.8	2.1	2.3
		23	7.9	1.3	3.0	6.5	1.1	2.5	6.1	1.0	2.3	5.7	1.0	2.4
	27	16	7.4	3.5	2.8	6.1	2.9	2.3	5.7	2.8	2.2	5.3	2.7	2.2
		19	8.3	3.5	2.9	6.8	2.9	2.4	6.3	2.8	2.3	5.9	2.7	2.3
		23	8.8	2.4	2.9	7.2	2.0	2.4	6.7	1.9	2.3	6.3	1.8	2.4
	29	19	8.4	3.8	2.9	6.9	3.1	2.4	6.5	3.0	2.3	6.0	2.8	2.3
	30	16	7.8	4.0	2.8	6.4	3.3	2.3	6.0	3.1	2.2	5.6	2.9	2.3
		19	8.5	4.0	2.9	7.0	3.3	2.4	6.5	3.2	2.3	6.1	3.0	2.3
		23	9.0	3.3	3.0	7.3	2.7	2.5	6.9	2.6	2.3	6.4	2.5	2.4
	32	16	8.2	4.3	2.9	6.7	3.5	2.4	6.3	3.3	2.3	5.9	3.1	2.3
		19	8.8	4.5	2.9	7.2	3.7	2.4	6.7	3.5	2.3	6.3	3.2	2.4
23		8.8	4.0	2.9	7.2	3.3	2.4	6.7	3.2	2.3	6.3	3.0	2.3	

Outdoor Unit:GUHD36NK3CO Indoor Unit:GFH36K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)															
			18			21			25			30			35			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1840	18	9	4.5	2.1	1.5	4.8	2.4	1.6	5.6	2.9	1.7	5.8	3.2	1.9	6.0	3.5	2.2	
		12	4.7	1.4	1.5	5.0	1.5	1.6	5.8	1.9	1.8	6.1	2.1	2.0	6.3	2.3	2.3	
		15	5.6	1.4	1.7	6.0	1.6	1.8	7.0	2.0	1.9	7.3	2.2	2.2	7.5	2.3	2.6	
	21	12	5.6	3.2	1.8	6.0	3.6	1.9	7.0	4.4	2.0	7.3	4.9	2.3	7.5	5.3	2.7	
		15	5.8	2.6	1.8	6.1	2.9	1.9	7.1	3.6	2.1	7.4	4.0	2.4	7.7	4.3	2.8	
		19	6.7	2.0	1.9	7.1	2.3	2.1	8.3	2.9	2.2	8.7	3.1	2.5	8.9	3.4	3.0	
	24	16	6.0	3.2	1.8	6.4	3.7	1.9	7.5	4.5	2.1	7.8	5.0	2.4	8.0	5.4	2.8	
		19	6.8	3.2	2.0	7.3	3.6	2.1	8.5	4.4	2.3	8.8	4.8	2.6	9.1	5.3	3.0	
		23	6.7	1.5	2.0	7.1	1.7	2.2	8.3	2.1	2.3	8.7	2.3	2.7	8.9	2.5	3.1	
	27	16	6.3	4.1	1.9	6.7	4.6	2.1	7.8	5.7	2.2	8.1	6.2	2.5	8.4	6.8	2.9	
		19	7.0	4.0	2.0	7.4	4.6	2.1	8.6	5.6	2.3	9.0	6.2	2.6	9.3	6.7	3.0	
		23	7.4	2.7	2.0	7.9	3.1	2.2	9.2	3.8	2.3	9.6	4.2	2.6	9.9	4.5	3.1	
	29	19	7.1	4.3	2.0	7.6	4.9	2.1	8.8	6.0	2.3	9.2	6.6	2.6	9.5	7.2	3.1	
		30	16	6.6	4.5	1.9	7.1	5.1	2.1	8.2	6.3	2.2	8.5	7.0	2.5	8.8	7.5	3.0
			19	7.2	4.6	2.0	7.7	5.2	2.1	8.9	6.4	2.3	9.3	7.1	2.6	9.6	7.7	3.1
	23		7.5	3.8	2.0	8.0	4.3	2.2	9.4	5.3	2.3	9.8	5.8	2.7	10.1	6.3	3.1	
	32	16	6.9	4.9	2.0	7.4	5.6	2.1	8.6	6.8	2.3	9.0	7.5	2.6	9.3	8.2	3.0	
		19	7.4	5.2	2.0	7.9	5.8	2.2	9.2	7.2	2.3	9.6	7.9	2.6	9.9	8.6	3.1	
23		8.2	5.0	2.1	8.7	5.7	2.2	10.2	7.0	2.4	10.6	7.7	2.7	10.9	8.4	3.2		
2070	18	9	4.8	2.3	1.5	5.1	2.6	1.6	5.9	3.2	1.7	6.2	3.5	1.9	6.4	3.8	2.3	
		12	4.9	1.5	1.5	5.3	1.7	1.7	6.1	2.1	1.8	6.4	2.3	2.0	6.6	2.5	2.4	
		15	6.0	1.5	1.7	6.4	1.7	1.8	7.4	2.2	2.0	7.7	2.4	2.2	7.9	2.6	2.6	
	21	12	5.9	3.5	1.8	6.3	3.9	1.9	7.3	4.9	2.1	7.7	5.3	2.3	7.9	5.8	2.7	
		15	6.1	2.8	1.8	6.5	3.2	2.0	7.5	4.0	2.1	7.8	4.4	2.4	8.1	4.7	2.8	
		19	7.1	2.3	2.0	7.5	2.6	2.1	8.7	3.1	2.3	9.1	3.5	2.6	9.4	3.8	3.0	
	24	16	6.3	3.6	1.8	6.8	4.1	2.0	7.9	5.0	2.1	8.2	5.5	2.4	8.5	6.0	2.8	
		19	7.2	3.5	2.0	7.7	3.9	2.1	8.9	4.8	2.3	9.3	5.3	2.6	9.6	5.8	3.0	
		23	7.1	1.6	2.1	7.5	1.9	2.2	8.8	2.3	2.4	9.1	2.5	2.7	9.4	2.7	3.2	
	27	16	6.6	4.5	1.9	7.1	5.1	2.1	8.2	6.2	2.2	8.6	6.9	2.5	8.8	7.4	3.0	
		19	7.4	4.4	2.0	7.8	5.0	2.1	9.1	6.2	2.3	9.5	6.8	2.6	9.8	7.4	3.1	
		23	7.8	3.0	2.0	8.3	3.4	2.2	9.7	4.2	2.3	10.1	4.6	2.7	10.4	5.0	3.1	
	29	19	7.5	4.7	2.0	8.0	5.4	2.2	9.3	6.6	2.3	9.7	7.3	2.6	10.0	7.9	3.1	
		30	16	7.0	5.0	2.0	7.4	5.6	2.1	8.6	7.0	2.3	9.0	7.7	2.6	9.3	8.3	3.0
			19	7.6	5.1	2.0	8.1	5.7	2.2	9.4	7.1	2.3	9.8	7.8	2.6	10.1	8.4	3.1
	23		7.9	4.1	2.1	8.5	4.7	2.2	9.9	5.8	2.4	10.3	6.4	2.7	10.6	6.9	3.2	
	32	16	7.3	5.4	2.0	7.8	6.1	2.1	9.1	7.5	2.3	9.5	8.3	2.6	9.8	9.0	3.1	
		19	7.8	5.7	2.0	8.3	6.4	2.2	9.7	7.9	2.3	10.1	8.7	2.7	10.4	9.5	3.1	
23		8.2	5.3	2.1	8.7	6.0	2.2	10.2	7.3	2.4	10.6	8.1	2.7	10.9	8.8	3.2		
2300	18	9	4.9	2.5	1.5	5.2	2.9	1.6	6.0	3.5	1.7	6.3	3.9	1.9	6.5	4.2	2.3	
		12	5.0	1.6	1.6	5.4	1.9	1.7	6.3	2.3	1.8	6.5	2.5	2.0	6.7	2.7	2.4	
		15	6.1	1.7	1.7	6.5	1.9	1.8	7.5	2.4	2.0	7.9	2.6	2.2	8.1	2.8	2.6	
	21	12	6.0	3.8	1.8	6.5	4.3	1.9	7.5	5.3	2.1	7.8	5.9	2.3	8.1	6.4	2.8	
		15	6.2	3.1	1.8	6.6	3.5	2.0	7.7	4.4	2.1	8.0	4.8	2.4	8.3	5.2	2.8	
		19	7.2	2.5	2.0	7.7	2.8	2.1	8.9	3.4	2.3	9.3	3.8	2.6	9.6	4.1	3.0	
	24	16	6.5	3.9	1.8	6.9	4.4	2.0	8.0	5.5	2.1	8.4	6.0	2.4	8.6	6.5	2.8	
		19	7.4	3.8	2.0	7.8	4.3	2.1	9.1	5.3	2.3	9.5	5.9	2.6	9.8	6.4	3.1	
		23	7.2	1.8	2.1	7.7	2.0	2.2	8.9	2.5	2.4	9.3	2.8	2.7	9.6	3.0	3.2	
	27	16	6.8	4.9	2.0	7.2	5.6	2.1	8.4	6.8	2.3	8.7	7.5	2.6	9.0	8.2	3.0	
		19	7.5	4.9	2.0	8.0	5.5	2.2	9.3	6.8	2.3	9.7	7.5	2.6	10.0	8.1	3.1	
		23	8.0	3.3	2.1	8.5	3.7	2.2	9.9	4.6	2.4	10.3	5.1	2.7	10.6	5.5	3.2	
	29	19	7.7	5.2	2.0	8.2	5.9	2.2	9.5	7.3	2.3	9.9	8.0	2.7	10.2	8.7	3.1	
		30	16	7.1	5.5	2.0	7.6	6.2	2.1	8.8	7.6	2.3	9.2	8.4	2.6	9.5	9.1	3.0
			19	7.7	5.6	2.0	8.2	6.3	2.2	9.6	7.8	2.3	10.0	8.5	2.7	10.3	9.3	3.1
	23		8.1	4.6	2.1	8.7	5.2	2.2	10.1	6.3	2.4	10.5	7.0	2.7	10.8	7.6	3.2	
	32	16	7.5	5.9	2.0	8.0	6.7	2.2	9.3	8.3	2.3	9.7	9.1	2.6	10.0	9.9	3.1	
		19	8.0	6.2	2.1	8.5	7.1	2.2	9.9	8.7	2.4	10.3	9.6	2.7	10.6	10.4	3.2	
23		8.2	5.6	2.1	8.7	6.4	2.2	10.2	7.9	2.4	10.6	8.7	2.7	10.9	9.4	3.2		

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AFR	Indoor temperature		Outdoor temperature DB (°C)															
			18			21			25			30			35			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
2530	18	9	5.0	1.8	1.5	5.3	2.1	1.6	6.1	2.6	1.7	6.4	2.8	2.0	6.6	4.4	2.3	
		12	5.1	1.2	1.6	5.5	1.4	1.7	6.4	1.7	1.8	6.7	1.9	2.1	6.9	2.9	2.4	
		15	6.2	1.2	1.7	6.6	1.4	1.9	7.7	1.7	2.0	8.0	1.9	2.3	8.3	3.0	2.7	
	21	12	6.2	2.8	1.8	6.6	3.2	2.0	7.6	3.9	2.1	8.0	4.3	2.4	8.2	6.7	2.8	
		15	6.3	2.3	1.9	6.7	2.6	2.0	7.8	3.2	2.1	8.2	3.5	2.4	8.4	5.5	2.9	
		19	7.3	1.8	2.0	7.8	2.1	2.1	9.1	2.5	2.3	9.5	2.8	2.6	9.8	4.3	3.1	
	24	16	6.6	2.9	1.9	7.0	3.3	2.0	8.2	4.0	2.1	8.5	4.4	2.4	8.8	6.9	2.9	
		19	7.5	2.8	2.0	8.0	3.2	2.2	9.3	3.9	2.3	9.7	4.3	2.6	10.0	6.7	3.1	
		23	7.3	1.3	2.1	7.8	1.5	2.3	9.1	1.8	2.4	9.5	2.0	2.7	9.8	3.1	3.2	
	27	16	6.9	3.6	2.0	7.3	4.1	2.1	8.5	5.0	2.3	8.9	5.5	2.6	9.2	8.6	3.0	
		19	7.7	3.6	2.0	8.2	4.0	2.2	9.5	5.0	2.3	9.9	5.5	2.7	10.2	8.5	3.1	
		23	8.1	2.4	2.1	8.6	2.7	2.2	10.1	3.4	2.4	10.5	3.7	2.7	10.8	5.8	3.2	
	29	19	7.8	3.8	2.1	8.3	4.3	2.2	9.7	5.3	2.4	10.1	5.9	2.7	10.4	9.1	3.2	
		30	16	7.2	4.0	2.0	7.7	4.6	2.1	9.0	5.6	2.3	9.4	6.2	2.6	9.7	9.6	3.1
			19	7.9	4.1	2.1	8.4	4.6	2.2	9.8	5.7	2.4	10.2	6.3	2.7	10.5	9.7	3.2
	23		8.3	3.3	2.1	8.8	3.8	2.3	10.3	4.7	2.4	10.7	5.1	2.7	11.0	8.0	3.2	
	32	16	7.6	4.3	2.0	8.1	4.9	2.2	9.5	6.1	2.3	9.9	6.7	2.7	10.2	10.4	3.1	
		19	8.1	4.6	2.1	8.6	5.2	2.2	10.1	6.4	2.4	10.5	7.0	2.7	10.8	10.9	3.2	
23		8.2	4.1	2.1	8.7	4.6	2.2	10.2	5.7	2.4	10.6	6.2	2.7	10.9	9.7	3.2		
2760	18	9	5.0	1.3	1.5	5.3	1.5	1.6	6.2	1.9	1.8	6.5	2.1	2.0	6.7	4.5	2.3	
		12	5.2	0.9	1.6	5.5	1.0	1.7	6.4	1.2	1.8	6.7	1.3	2.1	6.9	2.9	2.4	
		15	6.3	0.9	1.7	6.7	1.0	1.9	7.8	1.3	2.0	8.1	1.4	2.3	8.3	3.0	2.7	
	21	12	6.2	2.0	1.8	6.6	2.3	2.0	7.7	2.8	2.1	8.1	3.1	2.4	8.3	6.8	2.8	
		15	6.4	1.7	1.9	6.8	1.9	2.0	7.9	2.3	2.2	8.2	2.6	2.4	8.5	5.5	2.9	
		19	7.4	1.3	2.0	7.9	1.5	2.2	9.2	1.8	2.3	9.6	2.0	2.6	9.9	4.4	3.1	
	24	16	6.7	2.1	1.9	7.1	2.4	2.0	8.3	2.9	2.2	8.6	3.2	2.4	8.9	6.9	2.9	
		19	7.6	2.0	2.0	8.1	2.3	2.2	9.4	2.8	2.3	9.8	3.1	2.7	10.1	6.7	3.1	
		23	7.4	1.0	2.1	7.9	1.1	2.3	9.2	1.3	2.4	9.6	1.5	2.8	9.9	3.2	3.3	
	27	16	7.0	2.6	2.0	7.4	3.0	2.1	8.6	3.6	2.3	9.0	4.0	2.6	9.3	8.7	3.1	
		19	7.7	2.6	2.1	8.2	2.9	2.2	9.6	3.6	2.4	10.0	4.0	2.7	10.3	8.6	3.2	
		23	8.2	1.8	2.1	8.7	2.0	2.3	10.2	2.5	2.4	10.6	2.7	2.7	10.9	5.8	3.2	
	29	19	7.9	2.8	2.1	8.4	3.1	2.2	9.8	3.9	2.4	10.2	4.3	2.7	10.5	9.2	3.2	
		30	16	7.3	2.9	2.0	7.8	3.3	2.2	9.1	4.1	2.3	9.5	4.5	2.6	9.8	9.7	3.1
			19	8.0	3.0	2.1	8.5	3.4	2.2	9.9	4.1	2.4	10.3	4.6	2.7	10.6	9.8	3.2
	23		8.4	2.4	2.1	8.9	2.8	2.3	10.4	3.4	2.4	10.8	3.7	2.8	11.1	8.0	3.3	
	32	16	7.7	3.2	2.1	8.2	3.6	2.2	9.5	4.4	2.4	10.0	4.9	2.7	10.3	10.5	3.2	
		19	8.2	3.3	2.1	8.7	3.8	2.3	10.2	4.6	2.4	10.6	5.1	2.7	10.9	11.0	3.2	
23		8.2	2.9	2.1	8.7	3.3	2.2	10.2	4.1	2.4	10.6	4.5	2.7	10.9	9.7	3.2		

AFR	Indoor temperature		Outdoor temperature DB (°C)												
			39			43			46			48			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1840	18	9	5.9	3.4	2.4	4.8	2.9	2.0	4.5	2.7	1.9	4.2	2.6	2.0	
		12	6.1	2.2	2.6	5.0	1.9	2.1	4.7	1.8	2.0	4.4	1.7	2.0	
		15	7.4	2.3	2.8	6.0	1.9	2.3	5.6	1.8	2.2	5.3	1.7	2.2	
	21	12	7.3	5.2	3.0	6.0	4.3	2.4	5.6	4.2	2.3	5.2	3.9	2.4	
		15	7.5	4.3	3.0	6.1	3.6	2.5	5.8	3.4	2.4	5.4	3.2	2.4	
		19	8.7	3.4	3.2	7.1	2.8	2.7	6.7	2.7	2.5	6.2	2.6	2.6	
	24	16	7.9	5.4	3.0	6.4	4.5	2.5	6.0	4.3	2.4	5.6	4.1	2.4	
		19	8.9	5.2	3.3	7.3	4.3	2.7	6.8	4.1	2.6	6.4	3.9	2.6	
		23	8.8	2.4	3.4	7.1	2.0	2.8	6.7	1.9	2.7	6.3	1.9	2.7	
	27	16	8.2	6.7	3.2	6.7	5.6	2.7	6.3	5.3	2.5	5.9	5.1	2.6	
		19	9.1	6.6	3.3	7.4	5.5	2.7	7.0	5.3	2.6	6.5	5.0	2.6	
		23	9.7	4.5	3.4	7.9	3.7	2.8	7.4	3.6	2.6	6.9	3.4	2.7	
	29	19	9.3	7.1	3.3	7.6	5.9	2.8	7.1	5.7	2.6	6.6	5.4	2.7	
		30	16	8.6	7.5	3.2	7.1	6.2	2.7	6.6	5.9	2.5	6.2	5.5	2.6
			19	9.4	7.6	3.3	7.7	6.3	2.8	7.2	6.0	2.6	6.7	5.7	2.7
23	9.9		6.2	3.4	8.0	5.2	2.8	7.5	4.9	2.7	7.0	4.7	2.7		
32	16	9.1	8.1	3.3	7.4	6.6	2.7	6.9	6.2	2.6	6.5	5.8	2.6		
	19	9.7	8.5	3.4	7.9	7.0	2.8	7.4	6.6	2.6	6.9	6.1	2.7		
	23	10.7	8.3	3.5	8.7	6.9	2.9	8.2	6.6	2.7	7.6	6.3	2.8		
2070	18	9	6.2	3.8	2.5	5.1	3.2	2.0	4.8	3.0	1.9	4.4	2.9	2.0	
		12	6.5	2.5	2.6	5.3	2.1	2.1	4.9	2.0	2.0	4.6	1.9	2.1	
		15	7.8	2.5	2.8	6.4	2.1	2.3	6.0	2.0	2.2	5.6	1.9	2.3	
	21	12	7.7	5.7	3.0	6.3	4.8	2.5	5.9	4.6	2.3	5.5	4.3	2.4	
		15	7.9	4.7	3.0	6.5	3.9	2.5	6.1	3.7	2.4	5.7	3.6	2.4	
		19	9.2	3.7	3.3	7.5	3.1	2.7	7.1	3.0	2.6	6.6	2.8	2.6	
	24	16	8.3	5.9	3.0	6.8	4.9	2.5	6.3	4.7	2.4	5.9	4.5	2.4	
		19	9.4	5.7	3.3	7.7	4.8	2.7	7.2	4.6	2.6	6.7	4.3	2.6	
		23	9.2	2.7	3.4	7.5	2.2	2.8	7.1	2.1	2.7	6.6	2.0	2.7	
	27	16	8.6	7.4	3.2	7.1	6.1	2.7	6.6	5.9	2.5	6.2	5.6	2.6	
		19	9.6	7.3	3.3	7.8	6.1	2.8	7.4	5.8	2.6	6.9	5.5	2.7	
		23	10.2	5.0	3.4	8.3	4.1	2.8	7.8	3.9	2.7	7.3	3.8	2.7	
	29	19	9.8	7.8	3.4	8.0	6.5	2.8	7.5	6.2	2.6	7.0	5.9	2.7	
		30	16	9.1	8.2	3.3	7.4	6.8	2.7	7.0	6.5	2.6	6.5	6.0	2.6
			19	9.9	8.4	3.4	8.1	7.0	2.8	7.6	6.6	2.6	7.1	6.3	2.7
23	10.4		6.8	3.4	8.5	5.7	2.8	7.9	5.4	2.7	7.4	5.2	2.8		
32	16	9.6	8.9	3.3	7.8	7.3	2.8	7.3	6.8	2.6	6.8	6.4	2.7		
	19	10.2	9.4	3.4	8.3	7.7	2.8	7.8	7.2	2.7	7.3	6.8	2.7		
	23	10.7	8.7	3.5	8.7	7.2	2.9	8.2	6.9	2.7	7.6	6.6	2.8		
2300	18	9	6.4	4.2	2.5	5.2	3.5	2.1	4.9	3.3	1.9	4.5	3.1	2.0	
		12	6.6	2.7	2.6	5.4	2.3	2.2	5.0	2.2	2.0	4.7	2.1	2.1	
		15	7.9	2.8	2.9	6.5	2.3	2.4	6.1	2.2	2.2	5.7	2.1	2.3	
	21	12	7.9	6.3	3.0	6.5	5.2	2.5	6.0	5.0	2.3	5.6	4.8	2.4	
		15	8.1	5.2	3.1	6.6	4.3	2.5	6.2	4.1	2.4	5.8	3.9	2.5	
		19	9.4	4.1	3.3	7.7	3.4	2.7	7.2	3.2	2.6	6.7	3.1	2.6	
	24	16	8.5	6.5	3.1	6.9	5.4	2.5	6.5	5.1	2.4	6.0	4.9	2.5	
		19	9.6	6.3	3.3	7.8	5.2	2.8	7.4	5.0	2.6	6.9	4.8	2.7	
		23	9.4	3.0	3.5	7.7	2.5	2.9	7.2	2.4	2.7	6.7	2.2	2.8	
	27	16	8.8	8.1	3.3	7.2	6.7	2.7	6.8	6.4	2.6	6.3	6.1	2.6	
		19	9.8	8.0	3.4	8.0	6.7	2.8	7.5	6.4	2.6	7.0	6.1	2.7	
		23	10.4	5.4	3.4	8.5	4.5	2.8	8.0	4.3	2.7	7.4	4.1	2.8	
	29	19	10.0	8.6	3.4	8.2	7.1	2.8	7.7	6.8	2.7	7.1	6.5	2.7	
		30	16	9.3	9.0	3.3	7.6	7.5	2.7	7.1	7.1	2.6	6.6	6.6	2.6
			19	10.1	9.2	3.4	8.2	7.6	2.8	7.7	7.3	2.7	7.2	6.9	2.7
23	10.6		7.5	3.5	8.7	6.2	2.9	8.1	6.0	2.7	7.6	5.7	2.8		
32	16	9.8	9.8	3.4	8.0	8.0	2.8	7.5	7.5	2.6	7.0	7.0	2.7		
	19	10.4	10.3	3.4	8.5	8.5	2.8	8.0	8.0	2.7	7.4	7.4	2.8		
	23	10.7	9.3	3.5	8.7	7.8	2.9	8.2	7.4	2.7	7.6	7.1	2.8		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)											
			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2530	18	9	6.5	3.1	2.5	5.3	2.5	2.1	5.0	2.4	2.0	4.6	2.3	2.0
		12	6.7	2.0	2.6	5.5	1.7	2.2	5.1	1.6	2.1	4.8	1.5	2.1
		15	8.1	2.1	2.9	6.6	1.7	2.4	6.2	1.6	2.3	5.8	1.6	2.3
	21	12	8.1	4.6	3.0	6.6	3.9	2.5	6.2	3.7	2.4	5.8	3.5	2.4
		15	8.3	3.8	3.1	6.7	3.2	2.6	6.3	3.0	2.4	5.9	2.9	2.5
		19	9.6	3.0	3.3	7.8	2.5	2.8	7.3	2.4	2.6	6.9	2.3	2.7
	24	16	8.6	4.8	3.1	7.0	4.0	2.6	6.6	3.8	2.4	6.2	3.6	2.5
		19	9.8	4.6	3.4	8.0	3.8	2.8	7.5	3.7	2.6	7.0	3.5	2.7
		23	9.6	2.2	3.5	7.8	1.8	2.9	7.3	1.7	2.7	6.9	1.6	2.8
	27	16	9.0	5.9	3.3	7.3	4.9	2.7	6.9	4.7	2.6	6.4	4.5	2.6
		19	10.0	5.9	3.4	8.2	4.9	2.8	7.7	4.7	2.7	7.1	4.5	2.7
		23	10.6	4.0	3.5	8.6	3.3	2.9	8.1	3.2	2.7	7.6	3.0	2.8
	29	19	10.2	6.3	3.4	8.3	5.2	2.8	7.8	5.0	2.7	7.3	4.8	2.8
	30	16	9.5	6.6	3.3	7.7	5.5	2.8	7.2	5.2	2.6	6.8	4.9	2.7
		19	10.3	6.7	3.4	8.4	5.6	2.8	7.9	5.4	2.7	7.4	5.1	2.8
		23	10.8	5.5	3.5	8.8	4.6	2.9	8.3	4.4	2.7	7.7	4.2	2.8
	32	16	10.0	7.2	3.4	8.1	5.9	2.8	7.6	5.5	2.7	7.1	5.1	2.7
		19	10.6	7.6	3.5	8.6	6.2	2.9	8.1	5.8	2.7	7.6	5.4	2.8
23		10.7	6.7	3.5	8.7	5.6	2.9	8.2	5.3	2.7	7.6	5.1	2.8	
2760	18	9	6.5	2.2	2.5	5.3	1.8	2.1	5.0	1.8	2.0	4.7	1.7	2.0
		12	6.8	1.4	2.7	5.5	1.2	2.2	5.2	1.2	2.1	4.8	1.1	2.1
		15	8.2	1.5	2.9	6.7	1.2	2.4	6.3	1.2	2.3	5.8	1.1	2.3
	21	12	8.1	3.4	3.1	6.6	2.8	2.5	6.2	2.7	2.4	5.8	2.5	2.5
		15	8.3	2.8	3.1	6.8	2.3	2.6	6.4	2.2	2.4	6.0	2.1	2.5
		19	9.7	2.2	3.4	7.9	1.8	2.8	7.4	1.7	2.6	6.9	1.6	2.7
	24	16	8.7	3.5	3.1	7.1	2.9	2.6	6.7	2.7	2.4	6.2	2.6	2.5
		19	9.9	3.4	3.4	8.1	2.8	2.8	7.6	2.7	2.7	7.1	2.5	2.7
		23	9.7	1.6	3.5	7.9	1.3	2.9	7.4	1.3	2.8	6.9	1.2	2.8
	27	16	9.1	4.3	3.3	7.4	3.6	2.8	7.0	3.4	2.6	6.5	3.3	2.7
		19	10.1	4.3	3.4	8.2	3.6	2.8	7.7	3.4	2.7	7.2	3.2	2.8
		23	10.7	2.9	3.5	8.7	2.4	2.9	8.2	2.3	2.7	7.6	2.2	2.8
	29	19	10.3	4.6	3.5	8.4	3.8	2.9	7.9	3.6	2.7	7.4	3.5	2.8
	30	16	9.6	4.8	3.4	7.8	4.0	2.8	7.3	3.8	2.6	6.8	3.5	2.7
		19	10.4	4.9	3.5	8.5	4.1	2.9	8.0	3.9	2.7	7.4	3.7	2.8
		23	10.9	4.0	3.6	8.9	3.3	2.9	8.4	3.2	2.8	7.8	3.0	2.8
	32	16	10.1	5.2	3.4	8.2	4.3	2.8	7.7	4.0	2.7	7.2	3.7	2.7
		19	10.7	5.5	3.5	8.7	4.5	2.9	8.2	4.2	2.7	7.6	4.0	2.8
23		10.7	4.8	3.5	8.7	4.0	2.9	8.2	3.8	2.7	7.6	3.7	2.8	

Outdoor Unit:GUHD36NM3CO Indoor Unit:GFH36K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)															
			18			21			25			30			35			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1840	18	9	4.7	2.1	1.5	5.0	2.4	1.6	5.8	3.0	1.7	6.0	3.3	2.0	6.2	3.6	2.3	
		12	4.8	1.4	1.6	5.2	1.6	1.7	6.0	2.0	1.8	6.2	2.2	2.1	6.4	2.3	2.4	
		15	5.8	1.4	1.7	6.2	1.6	1.9	7.2	2.0	2.0	7.5	2.2	2.3	7.8	2.4	2.7	
	21	12	5.8	3.3	1.8	6.2	3.7	2.0	7.2	4.5	2.1	7.5	5.0	2.4	7.7	5.4	2.8	
		15	5.9	2.7	1.9	6.3	3.0	2.0	7.4	3.7	2.1	7.7	4.1	2.4	7.9	4.4	2.9	
		19	6.9	2.1	2.0	7.4	2.4	2.2	8.6	2.9	2.3	8.9	3.2	2.6	9.2	3.5	3.1	
	24	16	6.2	3.3	1.9	6.6	3.8	2.0	7.7	4.7	2.1	8.0	5.1	2.4	8.3	5.6	2.9	
		19	7.0	3.2	2.0	7.5	3.7	2.2	8.7	4.5	2.3	9.1	5.0	2.6	9.4	5.4	3.1	
		23	6.9	1.5	2.1	7.4	1.7	2.3	8.6	2.1	2.4	8.9	2.3	2.7	9.2	2.5	3.2	
	27	16	6.5	4.2	2.0	6.9	4.7	2.1	8.0	5.8	2.3	8.4	6.4	2.6	8.6	7.0	3.0	
		19	7.2	4.1	2.0	7.7	4.7	2.2	8.9	5.8	2.4	9.3	6.4	2.7	9.6	6.9	3.1	
		23	7.6	2.8	2.1	8.1	3.2	2.2	9.4	3.9	2.4	9.8	4.3	2.7	10.2	4.7	3.2	
	29	19	7.3	4.4	2.1	7.8	5.0	2.2	9.1	6.2	2.4	9.5	6.8	2.7	9.8	7.4	3.2	
		30	16	6.8	4.7	2.0	7.3	5.3	2.2	8.4	6.5	2.3	8.8	7.2	2.6	9.1	7.8	3.1
			19	7.4	4.7	2.1	7.9	5.4	2.2	9.2	6.6	2.4	9.6	7.3	2.7	9.9	7.9	3.2
	23		7.8	3.9	2.1	8.3	4.4	2.3	9.6	5.4	2.4	10.0	6.0	2.7	10.4	6.5	3.2	
	32	16	7.2	5.0	2.0	7.6	5.7	2.2	8.9	7.0	2.4	9.3	7.7	2.7	9.5	8.4	3.1	
		19	7.6	5.3	2.1	8.1	6.0	2.2	9.4	7.4	2.4	9.8	8.2	2.7	10.2	8.9	3.2	
23		8.4	5.2	2.1	9.0	5.9	2.3	10.5	7.2	2.5	10.9	8.0	2.8	11.2	8.6	3.3		
2070	18	9	4.9	2.4	1.5	5.2	2.7	1.6	6.1	3.3	1.8	6.3	3.6	2.0	6.5	3.9	2.3	
		12	5.1	1.5	1.6	5.4	1.7	1.7	6.3	2.2	1.8	6.6	2.4	2.1	6.8	2.6	2.5	
		15	6.1	1.6	1.8	6.5	1.8	1.9	7.6	2.2	2.0	7.9	2.4	2.3	8.2	2.6	2.7	
	21	12	6.1	3.6	1.8	6.5	4.1	2.0	7.6	5.0	2.1	7.9	5.5	2.4	8.1	6.0	2.8	
		15	6.3	2.9	1.9	6.7	3.3	2.0	7.8	4.1	2.2	8.1	4.5	2.5	8.3	4.9	2.9	
		19	7.3	2.3	2.0	7.8	2.6	2.2	9.0	3.2	2.3	9.4	3.6	2.6	9.7	3.9	3.1	
	24	16	6.5	3.7	1.9	7.0	4.2	2.0	8.1	5.1	2.2	8.4	5.7	2.5	8.7	6.1	2.9	
		19	7.4	3.6	2.0	7.9	4.1	2.2	9.2	5.0	2.4	9.6	5.5	2.7	9.9	6.0	3.1	
		23	7.3	1.7	2.1	7.8	1.9	2.3	9.0	2.3	2.4	9.4	2.6	2.8	9.7	2.8	3.3	
	27	16	6.8	4.6	2.0	7.3	5.2	2.2	8.4	6.4	2.3	8.8	7.1	2.6	9.1	7.7	3.1	
		19	7.6	4.6	2.1	8.1	5.2	2.2	9.4	6.4	2.4	9.8	7.0	2.7	10.1	7.6	3.2	
		23	8.0	3.1	2.1	8.6	3.5	2.3	10.0	4.3	2.4	10.4	4.8	2.7	10.7	5.2	3.2	
	29	19	7.7	4.9	2.1	8.2	5.5	2.2	9.6	6.8	2.4	10.0	7.5	2.7	10.3	8.1	3.2	
		30	16	7.2	5.1	2.0	7.7	5.8	2.2	8.9	7.2	2.3	9.3	7.9	2.6	9.6	8.6	3.1
			19	7.8	5.2	2.1	8.3	5.9	2.2	9.7	7.3	2.4	10.1	8.0	2.7	10.4	8.7	3.2
	23		8.2	4.3	2.1	8.7	4.8	2.3	10.2	6.0	2.4	10.6	6.6	2.8	10.9	7.1	3.3	
	32	16	7.5	5.6	2.1	8.0	6.3	2.2	9.4	7.7	2.4	9.8	8.5	2.7	10.1	9.3	3.2	
		19	8.0	5.9	2.1	8.6	6.6	2.3	10.0	8.2	2.4	10.4	9.0	2.7	10.7	9.8	3.2	
23		8.4	5.4	2.1	9.0	6.1	2.3	10.5	7.5	2.5	10.9	8.3	2.8	11.2	9.0	3.3		
2300	18	9	5.0	2.6	1.5	5.3	2.9	1.7	6.2	3.6	1.8	6.5	4.0	2.0	6.7	4.3	2.4	
		12	5.2	1.7	1.6	5.5	1.9	1.7	6.4	2.4	1.9	6.7	2.6	2.1	6.9	2.8	2.5	
		15	6.3	1.7	1.8	6.7	2.0	1.9	7.8	2.4	2.0	8.1	2.7	2.3	8.3	2.9	2.7	
	21	12	6.2	3.9	1.9	6.6	4.5	2.0	7.7	5.5	2.1	8.1	6.0	2.4	8.3	6.6	2.9	
		15	6.4	3.2	1.9	6.8	3.6	2.0	7.9	4.5	2.2	8.2	4.9	2.5	8.5	5.4	2.9	
		19	7.4	2.5	2.0	7.9	2.9	2.2	9.2	3.6	2.4	9.6	3.9	2.7	9.9	4.2	3.1	
	24	16	6.7	4.0	1.9	7.1	4.6	2.0	8.3	5.6	2.2	8.6	6.2	2.5	8.9	6.7	2.9	
		19	7.6	3.9	2.1	8.1	4.4	2.2	9.4	5.5	2.4	9.8	6.0	2.7	10.1	6.5	3.2	
		23	7.4	1.8	2.1	7.9	2.1	2.3	9.2	2.6	2.5	9.6	2.8	2.8	9.9	3.1	3.3	
	27	16	7.0	5.0	2.0	7.4	5.7	2.2	8.6	7.0	2.3	9.0	7.7	2.6	9.3	8.4	3.1	
		19	7.7	5.0	2.1	8.2	5.7	2.2	9.6	7.0	2.4	10.0	7.7	2.7	10.3	8.3	3.2	
		23	8.2	3.4	2.1	8.7	3.8	2.3	10.2	4.7	2.4	10.6	5.2	2.8	10.9	5.7	3.3	
	29	19	7.9	5.4	2.1	8.4	6.1	2.3	9.8	7.5	2.4	10.2	8.2	2.7	10.5	8.9	3.2	
		30	16	7.3	5.6	2.0	7.8	6.4	2.2	9.1	7.9	2.4	9.5	8.7	2.7	9.8	9.4	3.1
			19	8.0	5.7	2.1	8.5	6.5	2.3	9.9	8.0	2.4	10.3	8.8	2.7	10.6	9.5	3.2
	23		8.4	4.7	2.1	8.9	5.3	2.3	10.4	6.5	2.5	10.8	7.2	2.8	11.1	7.8	3.3	
	32	16	7.7	6.1	2.1	8.2	6.9	2.2	9.5	8.5	2.4	10.0	9.4	2.7	10.3	10.2	3.2	
		19	8.2	6.4	2.1	8.7	7.3	2.3	10.2	9.0	2.4	10.6	9.9	2.8	10.9	10.7	3.3	
23		8.4	5.8	2.1	9.0	6.6	2.3	10.5	8.1	2.5	10.9	8.9	2.8	11.2	9.7	3.3		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)															
			18			21			25			30			35			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
2530	18	9	5.1	1.9	1.6	5.4	2.2	1.7	6.3	2.7	1.8	6.6	2.9	2.0	6.8	4.5	2.4	
		12	5.3	1.2	1.6	5.7	1.4	1.7	6.6	1.7	1.9	6.9	1.9	2.1	7.1	3.0	2.5	
		15	6.4	1.3	1.8	6.8	1.5	1.9	7.9	1.8	2.1	8.3	2.0	2.3	8.5	3.1	2.7	
	21	12	6.4	2.9	1.9	6.8	3.3	2.0	7.9	4.0	2.2	8.2	4.4	2.4	8.5	6.9	2.9	
		15	6.5	2.4	1.9	6.9	2.7	2.1	8.1	3.3	2.2	8.4	3.6	2.5	8.7	5.6	2.9	
		19	7.6	1.9	2.1	8.1	2.1	2.2	9.4	2.6	2.4	9.8	2.9	2.7	10.1	4.5	3.2	
	24	16	6.8	3.0	1.9	7.2	3.4	2.1	8.4	4.1	2.2	8.8	4.6	2.5	9.1	7.1	2.9	
		19	7.7	2.9	2.1	8.2	3.3	2.2	9.6	4.0	2.4	10.0	4.4	2.7	10.3	6.9	3.2	
		23	7.6	1.4	2.2	8.1	1.5	2.3	9.4	1.9	2.5	9.8	2.1	2.8	10.1	3.2	3.3	
	27	16	7.1	3.7	2.0	7.6	4.2	2.2	8.8	5.2	2.4	9.2	5.7	2.7	9.5	8.8	3.1	
		19	7.9	3.7	2.1	8.4	4.2	2.3	9.8	5.1	2.4	10.2	5.6	2.7	10.5	8.8	3.2	
		23	8.4	2.5	2.1	8.9	2.8	2.3	10.4	3.5	2.5	10.8	3.8	2.8	11.1	5.9	3.3	
	29	19	8.0	3.9	2.1	8.6	4.5	2.3	10.0	5.5	2.4	10.4	6.0	2.8	10.7	9.4	3.3	
		30	16	7.5	4.1	2.1	8.0	4.7	2.2	9.3	5.8	2.4	9.7	6.4	2.7	10.0	9.9	3.2
			19	8.1	4.2	2.1	8.7	4.8	2.3	10.1	5.9	2.4	10.5	6.5	2.8	10.8	10.0	3.3
	23		8.5	3.4	2.2	9.1	3.9	2.3	10.6	4.8	2.5	11.0	5.3	2.8	11.4	8.2	3.3	
	32	16	7.9	4.5	2.1	8.4	5.1	2.3	9.7	6.2	2.4	10.2	6.9	2.7	10.5	10.7	3.2	
		19	8.4	4.7	2.1	8.9	5.3	2.3	10.4	6.6	2.5	10.8	7.2	2.8	11.1	11.2	3.3	
23		8.4	4.2	2.1	9.0	4.7	2.3	10.5	5.8	2.5	10.9	6.4	2.8	11.2	10.0	3.3		
2760	18	9	5.2	1.4	1.6	5.5	1.6	1.7	6.4	1.9	1.8	6.7	2.1	2.1	6.9	4.6	2.4	
		12	5.3	0.9	1.6	5.7	1.0	1.8	6.6	1.3	1.9	6.9	1.4	2.1	7.1	3.0	2.5	
		15	6.4	0.9	1.8	6.9	1.1	1.9	8.0	1.3	2.1	8.3	1.4	2.4	8.6	3.1	2.8	
	21	12	6.4	2.1	1.9	6.8	2.4	2.0	8.0	2.9	2.2	8.3	3.2	2.5	8.6	7.0	2.9	
		15	6.6	1.7	1.9	7.0	1.9	2.1	8.1	2.4	2.2	8.5	2.6	2.5	8.8	5.7	3.0	
		19	7.6	1.4	2.1	8.1	1.5	2.2	9.5	1.9	2.4	9.9	2.1	2.7	10.2	4.5	3.2	
	24	16	6.9	2.2	1.9	7.3	2.4	2.1	8.5	3.0	2.2	8.9	3.3	2.5	9.1	7.1	3.0	
		19	7.8	2.1	2.1	8.3	2.4	2.3	9.7	2.9	2.4	10.1	3.2	2.7	10.4	6.9	3.2	
		23	7.6	1.0	2.2	8.2	1.1	2.4	9.5	1.4	2.5	9.9	1.5	2.9	10.2	3.3	3.4	
	27	16	7.2	2.7	2.1	7.6	3.1	2.2	8.9	3.8	2.4	9.3	4.1	2.7	9.5	8.9	3.2	
		19	8.0	2.7	2.1	8.5	3.0	2.3	9.9	3.7	2.4	10.3	4.1	2.8	10.6	8.9	3.3	
		23	8.4	1.8	2.2	9.0	2.1	2.3	10.5	2.5	2.5	10.9	2.8	2.8	11.2	6.0	3.3	
	29	19	8.1	2.9	2.1	8.7	3.2	2.3	10.1	4.0	2.5	10.5	4.4	2.8	10.8	9.5	3.3	
		30	16	7.5	3.0	2.1	8.0	3.4	2.2	9.3	4.2	2.4	9.8	4.6	2.7	10.1	10.0	3.2
			19	8.2	3.1	2.1	8.7	3.5	2.3	10.2	4.3	2.5	10.6	4.7	2.8	10.9	10.1	3.3
	23		8.6	2.5	2.2	9.2	2.8	2.4	10.7	3.5	2.5	11.1	3.8	2.9	11.5	8.3	3.4	
	32	16	7.9	3.3	2.1	8.5	3.7	2.3	9.8	4.5	2.4	10.3	5.0	2.8	10.6	10.8	3.3	
		19	8.4	3.4	2.2	9.0	3.9	2.3	10.5	4.8	2.5	10.9	5.3	2.8	11.2	11.4	3.3	
23		8.4	3.0	2.1	9.0	3.4	2.3	10.5	4.2	2.5	10.9	4.6	2.8	11.2	10.0	3.3		

AFR	Indoor temperature		Outdoor temperature DB (°C)											
			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1840	18	9	6.1	3.5	2.5	5.0	2.9	2.1	4.7	2.8	2.0	4.3	2.7	2.0
		12	6.3	2.3	2.6	5.2	1.9	2.2	4.8	1.8	2.1	4.5	1.7	2.1
		15	7.6	2.4	2.9	6.2	2.0	2.4	5.8	1.9	2.3	5.4	1.8	2.3
	21	12	7.6	5.4	3.0	6.2	4.5	2.5	5.8	4.3	2.4	5.4	4.1	2.4
		15	7.8	4.4	3.1	6.3	3.7	2.6	5.9	3.5	2.4	5.5	3.3	2.5
		19	9.0	3.5	3.3	7.4	2.9	2.8	6.9	2.8	2.6	6.4	2.6	2.7
	24	16	8.1	5.5	3.1	6.6	4.6	2.6	6.2	4.4	2.4	5.8	4.2	2.5
		19	9.2	5.4	3.4	7.5	4.5	2.8	7.0	4.3	2.6	6.6	4.1	2.7
		23	9.0	2.5	3.5	7.4	2.1	2.9	6.9	2.0	2.7	6.4	1.9	2.8
	27	16	8.4	6.9	3.3	6.9	5.7	2.7	6.5	5.5	2.6	6.0	5.2	2.6
		19	9.4	6.8	3.4	7.7	5.7	2.8	7.2	5.4	2.7	6.7	5.2	2.7
		23	10.0	4.6	3.5	8.1	3.9	2.9	7.6	3.7	2.7	7.1	3.5	2.8
	29	19	9.6	7.3	3.5	7.8	6.1	2.9	7.3	5.8	2.7	6.8	5.5	2.8
	30	16	8.9	7.7	3.3	7.3	6.4	2.8	6.8	6.1	2.6	6.4	5.7	2.7
		19	9.7	7.8	3.5	7.9	6.5	2.9	7.4	6.2	2.7	6.9	5.9	2.8
		23	10.2	6.4	3.5	8.3	5.3	2.9	7.8	5.1	2.7	7.3	4.8	2.8
	32	16	9.4	8.3	3.4	7.6	6.8	2.8	7.2	6.4	2.7	6.7	5.9	2.7
		19	10.0	8.8	3.5	8.1	7.2	2.9	7.6	6.8	2.7	7.1	6.3	2.8
23		11.0	8.5	3.6	9.0	7.1	3.0	8.4	6.8	2.8	7.9	6.5	2.9	
2070	18	9	6.4	3.9	2.6	5.2	3.2	2.1	4.9	3.1	2.0	4.6	3.0	2.0
		12	6.7	2.5	2.7	5.4	2.1	2.2	5.1	2.0	2.1	4.8	1.9	2.1
		15	8.0	2.6	2.9	6.5	2.2	2.4	6.1	2.1	2.3	5.7	2.0	2.3
	21	12	8.0	5.9	3.1	6.5	4.9	2.5	6.1	4.7	2.4	5.7	4.5	2.5
		15	8.2	4.8	3.1	6.7	4.0	2.6	6.3	3.9	2.5	5.8	3.7	2.5
		19	9.5	3.8	3.4	7.8	3.2	2.8	7.3	3.0	2.6	6.8	2.9	2.7
	24	16	8.5	6.1	3.1	7.0	5.1	2.6	6.5	4.8	2.5	6.1	4.6	2.5
		19	9.7	5.9	3.4	7.9	4.9	2.8	7.4	4.7	2.7	6.9	4.5	2.7
		23	9.5	2.8	3.6	7.8	2.3	2.9	7.3	2.2	2.8	6.8	2.1	2.8
	27	16	8.9	7.6	3.3	7.3	6.3	2.8	6.8	6.0	2.6	6.4	5.7	2.7
		19	9.9	7.5	3.5	8.1	6.3	2.9	7.6	6.0	2.7	7.1	5.7	2.8
		23	10.5	5.1	3.5	8.6	4.3	2.9	8.0	4.1	2.7	7.5	3.9	2.8
	29	19	10.1	8.1	3.5	8.2	6.7	2.9	7.7	6.4	2.7	7.2	6.1	2.8
	30	16	9.4	8.5	3.4	7.7	7.1	2.8	7.2	6.7	2.6	6.7	6.2	2.7
		19	10.2	8.6	3.5	8.3	7.2	2.9	7.8	6.8	2.7	7.3	6.5	2.8
		23	10.7	7.0	3.6	8.7	5.9	2.9	8.2	5.6	2.8	7.6	5.3	2.8
	32	16	9.9	9.2	3.5	8.0	7.5	2.9	7.5	7.0	2.7	7.0	6.5	2.8
		19	10.5	9.7	3.5	8.6	8.0	2.9	8.0	7.5	2.7	7.5	7.0	2.8
23		11.0	8.9	3.6	9.0	7.4	3.0	8.4	7.1	2.8	7.9	6.8	2.9	
2300	18	9	6.5	4.3	2.6	5.3	3.6	2.1	5.0	3.4	2.0	4.7	3.2	2.1
		12	6.8	2.8	2.7	5.5	2.3	2.2	5.2	2.2	2.1	4.8	2.1	2.2
		15	8.2	2.9	3.0	6.7	2.4	2.4	6.3	2.3	2.3	5.8	2.2	2.4
	21	12	8.1	6.5	3.1	6.6	5.4	2.6	6.2	5.2	2.4	5.8	4.9	2.5
		15	8.3	5.3	3.2	6.8	4.4	2.6	6.4	4.2	2.5	6.0	4.0	2.5
		19	9.7	4.2	3.4	7.9	3.5	2.8	7.4	3.3	2.7	6.9	3.2	2.7
	24	16	8.7	6.7	3.2	7.1	5.5	2.6	6.7	5.3	2.5	6.2	5.0	2.5
		19	9.9	6.5	3.5	8.1	5.4	2.9	7.6	5.2	2.7	7.1	4.9	2.8
		23	9.7	3.0	3.6	7.9	2.5	3.0	7.4	2.4	2.8	6.9	2.3	2.9
	27	16	9.1	8.3	3.4	7.4	6.9	2.8	7.0	6.6	2.6	6.5	6.3	2.7
		19	10.1	8.3	3.5	8.2	6.9	2.9	7.7	6.6	2.7	7.2	6.2	2.8
		23	10.7	5.6	3.6	8.7	4.7	2.9	8.2	4.5	2.8	7.6	4.2	2.8
	29	19	10.3	8.8	3.5	8.4	7.4	2.9	7.9	7.0	2.7	7.4	6.7	2.8
	30	16	9.6	9.3	3.4	7.8	7.7	2.8	7.3	7.3	2.7	6.8	6.8	2.7
		19	10.4	9.4	3.5	8.5	7.9	2.9	8.0	7.5	2.7	7.4	7.1	2.8
		23	10.9	7.7	3.6	8.9	6.4	3.0	8.4	6.2	2.8	7.8	5.9	2.9
	32	16	10.1	10.1	3.5	8.2	8.2	2.9	7.7	7.7	2.7	7.2	7.2	2.8
		19	10.7	10.6	3.6	8.7	8.7	2.9	8.2	8.2	2.8	7.6	7.6	2.8
23		11.0	9.6	3.6	9.0	8.0	3.0	8.4	7.6	2.8	7.9	7.3	2.9	

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AFR	Indoor temperature		Outdoor temperature DB (°C)											
			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2530	18	9	6.7	3.1	2.6	5.4	2.6	2.2	5.1	2.5	2.0	4.8	2.4	2.1
		12	6.9	2.1	2.7	5.7	1.7	2.2	5.3	1.6	2.1	4.9	1.6	2.2
		15	8.3	2.1	3.0	6.8	1.8	2.5	6.4	1.7	2.3	6.0	1.6	2.4
	21	12	8.3	4.8	3.1	6.8	4.0	2.6	6.4	3.8	2.4	5.9	3.6	2.5
		15	8.5	3.9	3.2	6.9	3.2	2.7	6.5	3.1	2.5	6.1	3.0	2.6
		19	9.9	3.1	3.5	8.1	2.6	2.9	7.6	2.5	2.7	7.1	2.3	2.8
	24	16	8.9	4.9	3.2	7.2	4.1	2.6	6.8	3.9	2.5	6.3	3.7	2.6
		19	10.1	4.8	3.5	8.2	4.0	2.9	7.7	3.8	2.7	7.2	3.6	2.8
		23	9.9	2.2	3.6	8.1	1.9	3.0	7.6	1.8	2.8	7.1	1.7	2.9
	27	16	9.3	6.1	3.4	7.6	5.1	2.8	7.1	4.9	2.7	6.6	4.6	2.7
		19	10.3	6.1	3.5	8.4	5.0	2.9	7.9	4.8	2.7	7.4	4.6	2.8
		23	10.9	4.1	3.6	8.9	3.4	3.0	8.4	3.3	2.8	7.8	3.1	2.9
	29	19	10.5	6.5	3.6	8.6	5.4	2.9	8.0	5.2	2.8	7.5	4.9	2.8
		23	9.8	6.8	3.5	8.0	5.7	2.8	7.5	5.4	2.7	7.0	5.0	2.8
	30	19	10.6	6.9	3.6	8.7	5.8	2.9	8.1	5.5	2.8	7.6	5.2	2.8
		23	11.1	5.7	3.6	9.1	4.7	3.0	8.5	4.5	2.8	8.0	4.3	2.9
		23	10.3	7.4	3.5	8.4	6.0	2.9	7.9	5.7	2.7	7.3	5.3	2.8
	32	19	10.9	7.8	3.6	8.9	6.4	3.0	8.4	6.0	2.8	7.8	5.6	2.9
		23	11.0	6.9	3.6	9.0	5.8	3.0	8.4	5.5	2.8	7.9	5.2	2.9
		23	6.7	2.3	2.6	5.5	1.9	2.2	5.2	1.8	2.1	4.8	1.7	2.1
	2760	18	9	6.7	2.3	2.6	5.5	1.9	2.2	5.2	1.8	2.1	4.8	1.7
12			7.0	1.5	2.8	5.7	1.2	2.3	5.3	1.2	2.1	5.0	1.1	2.2
15			8.4	1.5	3.0	6.9	1.3	2.5	6.4	1.2	2.4	6.0	1.2	2.4
21		12	8.4	3.5	3.2	6.8	2.9	2.6	6.4	2.8	2.5	6.0	2.6	2.5
		15	8.6	2.8	3.2	7.0	2.4	2.7	6.6	2.3	2.5	6.1	2.1	2.6
		19	10.0	2.2	3.5	8.1	1.9	2.9	7.6	1.8	2.7	7.1	1.7	2.8
24		16	9.0	3.6	3.2	7.3	3.0	2.7	6.9	2.8	2.5	6.4	2.7	2.6
		19	10.2	3.5	3.5	8.3	2.9	2.9	7.8	2.8	2.7	7.3	2.6	2.8
		23	10.0	1.6	3.7	8.2	1.4	3.0	7.6	1.3	2.9	7.1	1.2	2.9
27		16	9.4	4.4	3.5	7.6	3.7	2.8	7.2	3.5	2.7	6.7	3.4	2.8
		19	10.4	4.4	3.6	8.5	3.7	2.9	8.0	3.5	2.8	7.4	3.3	2.8
		23	11.0	3.0	3.6	9.0	2.5	3.0	8.4	2.4	2.8	7.9	2.3	2.9
29		19	10.6	4.7	3.6	8.7	3.9	3.0	8.1	3.8	2.8	7.6	3.6	2.9
		23	9.9	5.0	3.5	8.0	4.1	2.9	7.5	3.9	2.7	7.0	3.6	2.8
30		19	10.7	5.0	3.6	8.7	4.2	3.0	8.2	4.0	2.8	7.6	3.8	2.9
		23	11.2	4.1	3.7	9.2	3.4	3.0	8.6	3.3	2.9	8.0	3.1	2.9
		23	10.4	5.4	3.6	8.5	4.4	2.9	7.9	4.1	2.8	7.4	3.8	2.8
32		19	11.0	5.7	3.6	9.0	4.7	3.0	8.4	4.4	2.8	7.9	4.1	2.9
		23	11.0	5.0	3.6	9.0	4.1	3.0	8.4	4.0	2.8	7.9	3.8	2.9

Outdoor Unit:GUHD42NK3CO/GUHD42NM3CO Indoor Unit :GFH42K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)														
			18			21			25			30			35		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1840	18	9	5.0	2.3	1.6	5.3	2.6	1.7	6.2	3.2	1.8	6.4	3.5	2.1	6.6	3.8	2.5
		12	5.2	1.5	1.7	5.5	1.7	1.8	6.4	2.1	1.9	6.7	2.3	2.2	6.9	2.5	2.6
		15	6.2	1.5	1.8	6.6	1.7	2.0	7.7	2.1	2.1	8.0	2.4	2.4	8.3	2.6	2.8
	21	12	6.2	3.5	1.9	6.6	3.9	2.1	7.7	4.9	2.2	8.0	5.3	2.5	8.2	5.8	3.0
		15	6.3	2.8	2.0	6.8	3.2	2.1	7.9	4.0	2.3	8.2	4.4	2.6	8.4	4.7	3.0
		19	7.4	2.3	2.1	7.9	2.6	2.3	9.1	3.1	2.4	9.5	3.5	2.8	9.8	3.8	3.3
	24	16	6.6	3.6	2.0	7.1	4.0	2.1	8.2	5.0	2.3	8.6	5.5	2.6	8.8	6.0	3.0
		19	7.5	3.5	2.1	8.0	3.9	2.3	9.3	4.8	2.5	9.7	5.3	2.8	10.0	5.8	3.3
		23	7.4	1.6	2.2	7.9	1.8	2.4	9.1	2.3	2.6	9.5	2.5	2.9	9.8	2.7	3.4
	27	16	6.9	4.5	2.1	7.4	5.1	2.3	8.6	6.2	2.4	8.9	6.9	2.7	9.2	7.4	3.2
		19	7.7	4.4	2.2	8.2	5.0	2.3	9.5	6.2	2.5	9.9	6.8	2.8	10.2	7.4	3.3
		23	8.1	3.0	2.2	8.7	3.4	2.4	10.1	4.2	2.5	10.5	4.6	2.9	10.8	5.0	3.4
29	19	7.8	4.7	2.2	8.3	5.4	2.4	9.7	6.6	2.5	10.1	7.3	2.9	10.4	7.9	3.4	
	30	16	7.3	5.0	2.1	7.8	5.6	2.3	9.0	6.9	2.4	9.4	7.6	2.8	9.7	8.3	3.3
		19	7.9	5.1	2.2	8.4	5.7	2.4	9.8	7.1	2.5	10.2	7.8	2.9	10.5	8.4	3.4
23		8.3	4.1	2.2	8.9	4.7	2.4	10.3	5.8	2.6	10.7	6.4	2.9	11.1	6.9	3.4	
32	16	7.6	5.4	2.2	8.2	6.1	2.3	9.5	7.5	2.5	9.9	8.3	2.8	10.2	9.0	3.3	
	19	8.1	5.7	2.2	8.7	6.4	2.4	10.1	7.9	2.5	10.5	8.7	2.9	10.8	9.5	3.4	
	23	9.0	5.5	2.3	9.6	6.3	2.5	11.2	7.7	2.6	11.6	8.5	3.0	12.0	9.2	3.5	
2070	18	9	5.2	2.5	1.6	5.6	2.9	1.7	6.5	3.5	1.9	6.8	3.9	2.1	7.0	4.2	2.5
		12	5.4	1.6	1.7	5.8	1.9	1.8	6.7	2.3	2.0	7.0	2.5	2.2	7.2	2.7	2.6
		15	6.5	1.7	1.9	7.0	1.9	2.0	8.1	2.4	2.1	8.5	2.6	2.4	8.7	2.8	2.9
	21	12	6.5	3.8	2.0	7.0	4.3	2.1	8.1	5.3	2.3	8.4	5.9	2.6	8.7	6.4	3.0
		15	6.7	3.1	2.0	7.1	3.6	2.1	8.3	4.4	2.3	8.6	4.8	2.6	8.9	5.2	3.1
		19	7.8	2.5	2.1	8.3	2.8	2.3	9.6	3.5	2.5	10.0	3.8	2.8	10.3	4.1	3.3
	24	16	7.0	3.9	2.0	7.4	4.5	2.1	8.6	5.5	2.3	9.0	6.0	2.6	9.3	6.6	3.1
		19	7.9	3.8	2.2	8.5	4.3	2.3	9.8	5.3	2.5	10.2	5.9	2.8	10.6	6.4	3.3
		23	7.8	1.8	2.3	8.3	2.0	2.4	9.6	2.5	2.6	10.0	2.8	2.9	10.4	3.0	3.5
	27	16	7.3	4.9	2.1	7.8	5.6	2.3	9.0	6.9	2.4	9.4	7.5	2.8	9.7	8.2	3.3
		19	8.1	4.9	2.2	8.6	5.5	2.4	10.0	6.8	2.5	10.5	7.5	2.9	10.8	8.1	3.4
		23	8.6	3.3	2.2	9.1	3.7	2.4	10.6	4.6	2.6	11.1	5.1	2.9	11.4	5.5	3.4
29	19	8.2	5.2	2.2	8.8	5.9	2.4	10.2	7.3	2.5	10.7	8.0	2.9	11.0	8.7	3.4	
	30	16	7.7	5.5	2.1	8.2	6.2	2.3	9.5	7.6	2.5	9.9	8.4	2.8	10.2	9.1	3.3
		19	8.3	5.6	2.2	8.9	6.3	2.4	10.3	7.8	2.5	10.8	8.6	2.9	11.1	9.3	3.4
23		8.7	4.6	2.3	9.3	5.2	2.4	10.8	6.4	2.6	11.3	7.0	2.9	11.7	7.6	3.5	
32	16	8.1	5.9	2.2	8.6	6.7	2.4	10.0	8.3	2.5	10.4	9.1	2.9	10.7	9.9	3.4	
	19	8.6	6.2	2.2	9.1	7.1	2.4	10.6	8.7	2.6	11.1	9.6	2.9	11.4	10.4	3.4	
	23	9.0	5.8	2.3	9.6	6.6	2.5	11.2	8.1	2.6	11.6	8.9	3.0	12.0	9.6	3.5	
2300	18	9	5.3	2.8	1.6	5.7	3.1	1.8	6.6	3.9	1.9	6.9	4.3	2.1	7.1	4.6	2.5
		12	5.5	1.8	1.7	5.9	2.0	1.8	6.9	2.5	2.0	7.2	2.8	2.2	7.4	3.0	2.6
		15	6.7	1.9	1.9	7.1	2.1	2.0	8.3	2.6	2.2	8.6	2.9	2.5	8.9	3.1	2.9
	21	12	6.7	4.2	2.0	7.1	4.8	2.1	8.2	5.9	2.3	8.6	6.5	2.6	8.9	7.0	3.0
		15	6.8	3.4	2.0	7.3	3.9	2.2	8.4	4.8	2.3	8.8	5.3	2.6	9.1	5.7	3.1
		19	7.9	2.7	2.2	8.4	3.1	2.3	9.8	3.8	2.5	10.2	4.2	2.8	10.6	4.5	3.3
	24	16	7.1	4.3	2.0	7.6	4.9	2.2	8.8	6.0	2.3	9.2	6.6	2.6	9.5	7.2	3.1
		19	8.1	4.2	2.2	8.6	4.8	2.4	10.0	5.8	2.5	10.5	6.4	2.9	10.8	7.0	3.4
		23	7.9	2.0	2.3	8.5	2.2	2.5	9.8	2.8	2.6	10.2	3.0	3.0	10.6	3.3	3.5
	27	16	7.4	5.4	2.1	7.9	6.1	2.3	9.2	7.5	2.5	9.6	8.3	2.8	9.9	9.0	3.3
		19	8.3	5.3	2.2	8.8	6.1	2.4	10.2	7.5	2.6	10.7	8.2	2.9	11.0	8.9	3.4
		23	8.7	3.6	2.3	9.3	4.1	2.4	10.8	5.1	2.6	11.3	5.6	2.9	11.7	6.0	3.5
29	19	8.4	5.7	2.2	9.0	6.5	2.4	10.4	8.0	2.6	10.9	8.8	2.9	11.2	9.5	3.4	
	30	16	7.8	6.0	2.2	8.3	6.8	2.3	9.7	8.4	2.5	10.1	9.2	2.8	10.4	10.0	3.3
		19	8.5	6.1	2.2	9.1	6.9	2.4	10.5	8.5	2.6	11.0	9.4	2.9	11.3	10.2	3.4
23		8.9	5.0	2.3	9.5	5.7	2.5	11.1	7.0	2.6	11.5	7.7	3.0	11.9	8.3	3.5	
32	16	8.2	6.5	2.2	8.8	7.4	2.4	10.2	9.1	2.5	10.6	10.0	2.9	11.0	10.8	3.4	
	19	8.7	6.9	2.3	9.3	7.8	2.4	10.8	9.6	2.6	11.3	10.5	2.9	11.7	11.4	3.5	
	23	9.0	6.2	2.3	9.6	7.0	2.5	11.2	8.7	2.6	11.6	9.5	3.0	12.0	10.4	3.5	

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AFR	Indoor temperature		Outdoor temperature DB (°C)															
			18			21			25			30			35			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
2530	18	9	5.5	2.0	1.7	5.8	2.3	1.8	6.8	2.8	1.9	7.1	3.1	2.2	7.3	4.9	2.5	
		12	5.7	1.3	1.7	6.0	1.5	1.9	7.0	1.9	2.0	7.3	2.0	2.3	7.5	3.2	2.7	
		15	6.8	1.4	1.9	7.3	1.5	2.0	8.5	1.9	2.2	8.8	2.1	2.5	9.1	3.3	2.9	
	21	12	6.8	3.1	2.0	7.2	3.5	2.1	8.4	4.3	2.3	8.8	4.7	2.6	9.0	7.4	3.1	
		15	6.9	2.5	2.0	7.4	2.9	2.2	8.6	3.5	2.3	9.0	3.9	2.7	9.3	6.0	3.1	
		19	8.1	2.0	2.2	8.6	2.3	2.4	10.0	2.8	2.5	10.4	3.1	2.9	10.8	4.8	3.4	
	24	16	7.3	3.2	2.0	7.7	3.6	2.2	9.0	4.4	2.3	9.4	4.9	2.7	9.7	7.6	3.1	
		19	8.2	3.1	2.2	8.8	3.5	2.4	10.2	4.3	2.5	10.7	4.7	2.9	11.0	7.3	3.4	
		23	8.1	1.4	2.3	8.6	1.6	2.5	10.0	2.0	2.7	10.5	2.2	3.0	10.8	3.5	3.5	
	27	16	7.6	4.0	2.2	8.1	4.5	2.3	9.4	5.5	2.5	9.8	6.1	2.8	10.1	9.4	3.3	
		19	8.4	3.9	2.2	9.0	4.4	2.4	10.4	5.5	2.6	10.9	6.0	2.9	11.2	9.4	3.4	
		23	8.9	2.7	2.3	9.5	3.0	2.5	11.1	3.7	2.6	11.5	4.1	3.0	11.9	6.4	3.5	
	29	19	8.6	4.2	2.3	9.2	4.8	2.4	10.6	5.9	2.6	11.1	6.5	2.9	11.4	10.0	3.5	
		30	16	8.0	4.4	2.2	8.5	5.0	2.4	9.9	6.2	2.5	10.3	6.8	2.9	10.6	10.5	3.4
			19	8.7	4.5	2.3	9.2	5.1	2.4	10.7	6.3	2.6	11.2	6.9	2.9	11.6	10.7	3.5
	23		9.1	3.7	2.3	9.7	4.2	2.5	11.3	5.1	2.7	11.8	5.6	3.0	12.1	8.8	3.5	
	32	16	8.4	4.8	2.2	8.9	5.4	2.4	10.4	6.7	2.6	10.8	7.3	2.9	11.2	11.4	3.4	
		19	8.9	5.0	2.3	9.5	5.7	2.5	11.1	7.0	2.6	11.5	7.7	3.0	11.9	12.0	3.5	
23		9.0	4.5	2.3	9.6	5.1	2.5	11.2	6.2	2.6	11.6	6.9	3.0	12.0	10.7	3.5		
2760	18	9	5.5	1.5	1.7	5.9	1.7	1.8	6.8	2.1	1.9	7.1	2.3	2.2	7.3	4.9	2.6	
		12	5.7	1.0	1.7	6.1	1.1	1.9	7.1	1.3	2.0	7.4	1.5	2.3	7.6	3.2	2.7	
		15	6.9	1.0	1.9	7.3	1.1	2.1	8.5	1.4	2.2	8.9	1.5	2.5	9.2	3.3	2.9	
	21	12	6.9	2.2	2.0	7.3	2.5	2.2	8.5	3.1	2.3	8.9	3.4	2.6	9.1	7.4	3.1	
		15	7.0	1.8	2.1	7.5	2.1	2.2	8.7	2.6	2.4	9.1	2.8	2.7	9.4	6.1	3.2	
		19	8.2	1.5	2.2	8.7	1.6	2.4	10.1	2.0	2.5	10.6	2.2	2.9	10.9	4.8	3.4	
	24	16	7.3	2.3	2.1	7.8	2.6	2.2	9.1	3.2	2.4	9.5	3.5	2.7	9.8	7.6	3.2	
		19	8.3	2.2	2.2	8.9	2.5	2.4	10.3	3.1	2.6	10.8	3.4	2.9	11.1	7.4	3.4	
		23	8.2	1.1	2.3	8.7	1.2	2.5	10.1	1.5	2.7	10.6	1.6	3.0	10.9	3.5	3.6	
	27	16	7.6	2.9	2.2	8.2	3.3	2.4	9.5	4.0	2.5	9.9	4.4	2.9	10.2	9.5	3.4	
		19	8.5	2.9	2.3	9.1	3.2	2.4	10.5	4.0	2.6	11.0	4.4	2.9	11.3	9.5	3.5	
		23	9.0	1.9	2.3	9.6	2.2	2.5	11.2	2.7	2.7	11.6	3.0	3.0	12.0	6.4	3.5	
	29	19	8.7	3.1	2.3	9.2	3.5	2.5	10.7	4.3	2.6	11.2	4.7	3.0	11.6	10.1	3.5	
		30	16	8.1	3.2	2.2	8.6	3.6	2.4	10.0	4.5	2.5	10.4	4.9	2.9	10.7	10.6	3.4
			19	8.8	3.3	2.3	9.3	3.7	2.5	10.9	4.6	2.6	11.3	5.0	3.0	11.7	10.8	3.5
	23		9.2	2.7	2.3	9.8	3.0	2.5	11.4	3.7	2.7	11.9	4.1	3.0	12.3	8.9	3.6	
	32	16	8.5	3.5	2.3	9.0	3.9	2.4	10.5	4.8	2.6	11.0	5.3	2.9	11.3	11.5	3.5	
		19	9.0	3.7	2.3	9.6	4.1	2.5	11.2	5.1	2.7	11.6	5.6	3.0	12.0	12.1	3.5	
23		9.0	3.2	2.3	9.6	3.7	2.5	11.2	4.5	2.6	11.6	4.9	3.0	12.0	10.7	3.5		

AFR	Indoor temperature		Outdoor temperature DB (°C)											
			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1840	18	9	6.5	3.8	2.7	5.3	3.1	2.2	5.0	3.0	2.1	4.6	2.9	2.1
		12	6.7	2.5	2.8	5.5	2.1	2.3	5.2	2.0	2.2	4.8	1.9	2.2
		15	8.1	2.5	3.1	6.6	2.1	2.5	6.2	2.0	2.4	5.8	1.9	2.5
	21	12	8.1	5.7	3.2	6.6	4.8	2.7	6.2	4.6	2.5	5.8	4.3	2.6
		15	8.3	4.7	3.3	6.8	3.9	2.7	6.3	3.7	2.6	5.9	3.6	2.6
		19	9.6	3.7	3.6	7.9	3.1	2.9	7.4	3.0	2.8	6.9	2.8	2.8
	24	16	8.6	5.9	3.3	7.1	4.9	2.7	6.6	4.7	2.6	6.2	4.5	2.6
		19	9.8	5.7	3.6	8.0	4.8	3.0	7.5	4.6	2.8	7.0	4.3	2.9
		23	9.6	2.7	3.7	7.9	2.2	3.1	7.4	2.1	2.9	6.9	2.0	3.0
	27	16	9.0	7.4	3.5	7.4	6.1	2.9	6.9	5.9	2.7	6.4	5.6	2.8
		19	10.0	7.3	3.6	8.2	6.1	3.0	7.7	5.8	2.8	7.2	5.5	2.9
		23	10.6	5.0	3.7	8.7	4.1	3.1	8.1	3.9	2.9	7.6	3.7	3.0
	29	19	10.2	7.8	3.7	8.3	6.5	3.0	7.8	6.2	2.9	7.3	5.9	2.9
		16	9.5	8.2	3.6	7.8	6.8	2.9	7.3	6.5	2.8	6.8	6.0	2.8
		19	10.3	8.3	3.7	8.4	6.9	3.0	7.9	6.6	2.9	7.4	6.3	2.9
	30	23	10.8	6.8	3.7	8.9	5.7	3.1	8.3	5.4	2.9	7.7	5.2	3.0
		16	10.0	8.9	3.6	8.2	7.3	3.0	7.6	6.8	2.8	7.1	6.4	2.9
		19	10.6	9.4	3.7	8.7	7.7	3.1	8.1	7.2	2.9	7.6	6.8	3.0
32	23	11.8	9.1	3.8	9.6	7.6	3.2	9.0	7.3	3.0	8.4	6.9	3.0	
	18	9	6.8	4.2	2.7	5.6	3.5	2.2	5.2	3.3	2.1	4.9	3.2	2.2
	12	7.1	2.7	2.8	5.8	2.3	2.3	5.4	2.2	2.2	5.1	2.1	2.3	
2070	18	15	8.6	2.8	3.1	7.0	2.3	2.6	6.5	2.2	2.4	6.1	2.1	2.5
		12	8.5	6.3	3.3	7.0	5.3	2.7	6.5	5.0	2.6	6.1	4.8	2.6
		15	8.7	5.2	3.3	7.1	4.3	2.8	6.7	4.1	2.6	6.2	3.9	2.7
	21	19	10.1	4.1	3.6	8.3	3.4	3.0	7.8	3.3	2.8	7.2	3.1	2.9
		16	9.1	6.5	3.3	7.4	5.4	2.8	7.0	5.2	2.6	6.5	4.9	2.7
		19	10.4	6.3	3.6	8.5	5.2	3.0	7.9	5.0	2.8	7.4	4.8	2.9
	24	23	10.1	3.0	3.8	8.3	2.5	3.1	7.8	2.4	2.9	7.2	2.2	3.0
		16	9.5	8.1	3.6	7.8	6.7	2.9	7.3	6.4	2.8	6.8	6.1	2.8
		19	10.6	8.0	3.7	8.6	6.7	3.0	8.1	6.4	2.9	7.5	6.1	2.9
	27	23	11.2	5.5	3.7	9.1	4.5	3.1	8.6	4.3	2.9	8.0	4.1	3.0
		19	10.8	8.6	3.7	8.8	7.2	3.1	8.2	6.8	2.9	7.7	6.5	3.0
		16	10.0	9.0	3.6	8.2	7.5	3.0	7.7	7.1	2.8	7.2	6.7	2.9
	30	19	10.9	9.2	3.7	8.9	7.7	3.1	8.3	7.3	2.9	7.8	7.0	3.0
		23	11.4	7.5	3.8	9.3	6.3	3.1	8.7	6.0	2.9	8.2	5.7	3.0
		16	10.5	9.8	3.7	8.6	8.0	3.0	8.1	7.5	2.9	7.5	7.0	2.9
	32	19	11.2	10.3	3.7	9.1	8.5	3.1	8.6	8.0	2.9	8.0	7.4	3.0
		23	11.8	9.5	3.8	9.6	7.9	3.2	9.0	7.6	3.0	8.4	7.2	3.0
		9	7.0	4.6	2.7	5.7	3.8	2.3	5.3	3.6	2.1	5.0	3.5	2.2
2300	18	12	7.2	3.0	2.9	5.9	2.5	2.4	5.5	2.4	2.2	5.2	2.3	2.3
		15	8.7	3.1	3.2	7.1	2.6	2.6	6.7	2.4	2.5	6.2	2.3	2.5
		12	8.7	6.9	3.3	7.1	5.8	2.7	6.7	5.5	2.6	6.2	5.2	2.6
	21	15	8.9	5.7	3.4	7.3	4.7	2.8	6.8	4.5	2.6	6.4	4.3	2.7
		19	10.3	4.5	3.6	8.4	3.7	3.0	7.9	3.6	2.8	7.4	3.4	2.9
		16	9.3	7.1	3.4	7.6	5.9	2.8	7.1	5.7	2.6	6.6	5.4	2.7
	24	19	10.6	6.9	3.7	8.6	5.8	3.0	8.1	5.5	2.9	7.5	5.2	2.9
		23	10.4	3.3	3.8	8.5	2.7	3.2	7.9	2.6	3.0	7.4	2.5	3.0
		16	9.7	8.9	3.6	7.9	7.4	3.0	7.4	7.1	2.8	6.9	6.7	2.9
	27	19	10.8	8.8	3.7	8.8	7.3	3.1	8.3	7.0	2.9	7.7	6.7	3.0
		23	11.4	6.0	3.8	9.3	5.0	3.1	8.7	4.8	2.9	8.2	4.5	3.0
		19	11.0	9.4	3.7	9.0	7.9	3.1	8.4	7.5	2.9	7.9	7.1	3.0
	29	16	10.2	9.9	3.6	8.3	8.3	3.0	7.8	7.8	2.8	7.3	7.3	2.9
		19	11.1	10.1	3.7	9.1	8.4	3.1	8.5	8.0	2.9	7.9	7.6	3.0
		23	11.7	8.3	3.8	9.5	6.9	3.2	8.9	6.6	3.0	8.3	6.2	3.0
	30	16	10.7	10.7	3.7	8.8	8.8	3.1	8.2	8.2	2.9	7.7	7.7	3.0
		19	11.4	11.3	3.8	9.3	9.3	3.1	8.7	8.7	2.9	8.2	8.2	3.0
		23	11.8	10.3	3.8	9.6	8.5	3.2	9.0	8.2	3.0	8.4	7.8	3.0

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)											
			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2530	18	9	7.1	3.4	2.8	5.8	2.8	2.3	5.5	2.7	2.2	5.1	2.5	2.2
		12	7.4	2.2	2.9	6.0	1.8	2.4	5.7	1.7	2.3	5.3	1.7	2.3
		15	8.9	2.3	3.2	7.3	1.9	2.6	6.8	1.8	2.5	6.4	1.7	2.5
	21	12	8.9	5.1	3.3	7.2	4.2	2.8	6.8	4.1	2.6	6.3	3.9	2.7
		15	9.1	4.2	3.4	7.4	3.5	2.8	6.9	3.3	2.7	6.5	3.2	2.7
		19	10.6	3.3	3.7	8.6	2.7	3.0	8.1	2.6	2.9	7.5	2.5	2.9
	24	16	9.5	5.2	3.4	7.7	4.4	2.8	7.3	4.2	2.7	6.8	4.0	2.7
		19	10.8	5.1	3.7	8.8	4.2	3.1	8.2	4.0	2.9	7.7	3.8	3.0
		23	10.6	2.4	3.9	8.6	2.0	3.2	8.1	1.9	3.0	7.5	1.8	3.1
	27	16	9.9	6.5	3.6	8.1	5.4	3.0	7.6	5.2	2.8	7.1	4.9	2.9
		19	11.0	6.5	3.7	9.0	5.4	3.1	8.4	5.2	2.9	7.9	4.9	3.0
		23	11.7	4.4	3.8	9.5	3.7	3.2	8.9	3.5	3.0	8.3	3.3	3.0
	29	19	11.2	6.9	3.8	9.2	5.8	3.1	8.6	5.5	2.9	8.0	5.2	3.0
		16	10.4	7.3	3.7	8.5	6.1	3.0	8.0	5.7	2.9	7.4	5.4	2.9
		19	11.3	7.4	3.8	9.2	6.2	3.1	8.7	5.9	2.9	8.1	5.6	3.0
	30	23	11.9	6.1	3.9	9.7	5.0	3.2	9.1	4.8	3.0	8.5	4.6	3.1
		16	11.0	7.9	3.7	8.9	6.4	3.1	8.4	6.0	2.9	7.8	5.6	3.0
		19	11.7	8.3	3.8	9.5	6.9	3.2	8.9	6.4	3.0	8.3	6.0	3.0
	32	23	11.8	7.4	3.8	9.6	6.1	3.2	9.0	5.9	3.0	8.4	5.6	3.0
		9	7.2	2.4	2.8	5.9	2.0	2.3	5.5	1.9	2.2	5.1	1.8	2.2
		12	7.5	1.6	2.9	6.1	1.3	2.4	5.7	1.3	2.3	5.3	1.2	2.3
2760	18	15	9.0	1.6	3.2	7.3	1.4	2.7	6.9	1.3	2.5	6.4	1.2	2.6
		12	9.0	3.7	3.4	7.3	3.1	2.8	6.9	2.9	2.6	6.4	2.8	2.7
		15	9.2	3.0	3.4	7.5	2.5	2.8	7.0	2.4	2.7	6.5	2.3	2.7
	21	19	10.7	2.4	3.7	8.7	2.0	3.1	8.2	1.9	2.9	7.6	1.8	3.0
		16	9.6	3.8	3.4	7.8	3.2	2.8	7.3	3.0	2.7	6.8	2.9	2.7
		19	10.9	3.7	3.7	8.9	3.1	3.1	8.3	2.9	2.9	7.8	2.8	3.0
	24	23	10.7	1.7	3.9	8.7	1.4	3.2	8.2	1.4	3.0	7.6	1.3	3.1
		16	10.0	4.7	3.7	8.2	4.0	3.0	7.6	3.8	2.9	7.1	3.6	2.9
		19	11.1	4.7	3.8	9.1	3.9	3.1	8.5	3.7	2.9	7.9	3.6	3.0
	27	23	11.8	3.2	3.9	9.6	2.7	3.2	9.0	2.5	3.0	8.4	2.4	3.1
		19	11.3	5.0	3.8	9.2	4.2	3.2	8.7	4.0	3.0	8.1	3.8	3.0
		16	10.5	5.3	3.7	8.6	4.4	3.1	8.1	4.2	2.9	7.5	3.9	3.0
	30	19	11.4	5.4	3.8	9.3	4.5	3.2	8.8	4.3	3.0	8.2	4.1	3.0
		23	12.0	4.4	3.9	9.8	3.7	3.2	9.2	3.5	3.0	8.6	3.3	3.1
		16	11.1	5.7	3.8	9.0	4.7	3.1	8.5	4.4	2.9	7.9	4.1	3.0
	32	19	11.8	6.0	3.9	9.6	5.0	3.2	9.0	4.7	3.0	8.4	4.4	3.1
		23	11.8	5.3	3.8	9.6	4.4	3.2	9.0	4.2	3.0	8.4	4.0	3.0

Outdoor Unit:GUHD48NK3CO/GUHD48NM3CO Indoor Unit :GFH48K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)															
			18			21			25			30			35			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
2000	18	9	6.3	2.9	2.1	6.7	3.3	2.2	7.8	4.1	2.4	8.2	4.5	2.7	8.4	4.9	3.2	
		12	6.6	1.9	2.2	7.0	2.2	2.3	8.1	2.7	2.5	8.5	2.9	2.8	8.8	3.2	3.3	
		15	7.9	2.0	2.4	8.4	2.2	2.6	9.8	2.7	2.7	10.2	3.0	3.1	10.5	3.3	3.7	
	21	12	7.9	4.4	2.5	8.4	5.0	2.7	9.8	6.2	2.9	10.2	6.8	3.3	10.5	7.4	3.8	
		15	8.1	3.6	2.6	8.6	4.1	2.8	10.0	5.1	2.9	10.4	5.6	3.3	10.7	6.0	3.9	
		19	9.4	2.9	2.7	10.0	3.2	3.0	11.6	4.0	3.2	12.1	4.4	3.6	12.5	4.8	4.2	
	24	16	8.4	4.5	2.6	9.0	5.2	2.7	10.4	6.3	2.9	10.9	7.0	3.3	11.2	7.6	3.9	
		19	9.6	4.4	2.8	10.2	5.0	3.0	11.9	6.2	3.2	12.4	6.8	3.6	12.8	7.4	4.3	
		23	9.4	2.1	2.9	10.0	2.4	3.1	11.6	2.9	3.3	12.1	3.2	3.8	12.5	3.5	4.4	
	27	16	8.8	5.7	2.7	9.4	6.4	2.9	10.9	7.9	3.1	11.4	8.7	3.6	11.7	9.5	4.2	
		19	9.8	5.6	2.8	10.4	6.4	3.0	12.1	7.9	3.2	12.6	8.6	3.7	13.0	9.4	4.3	
		23	10.4	3.8	2.9	11.0	4.3	3.1	12.8	5.3	3.3	13.4	5.9	3.7	13.8	6.4	4.4	
	29	19	10.0	6.0	2.8	10.6	6.8	3.0	12.4	8.4	3.3	12.9	9.3	3.7	13.3	10.1	4.4	
		30	16	9.3	6.3	2.7	9.9	7.2	3.0	11.5	8.8	3.2	12.0	9.7	3.6	12.3	10.6	4.2
			19	10.1	6.4	2.8	10.7	7.3	3.0	12.5	9.0	3.3	13.0	9.9	3.7	13.4	10.7	4.4
	23		10.6	5.3	2.9	11.3	6.0	3.1	13.1	7.4	3.3	13.7	8.1	3.8	14.1	8.8	4.4	
	32	16	9.7	6.9	2.8	10.4	7.8	3.0	12.1	9.6	3.2	12.6	10.5	3.7	13.0	11.4	4.3	
		19	10.4	7.2	2.9	11.0	8.2	3.1	12.8	10.1	3.3	13.4	11.1	3.7	13.8	12.0	4.4	
23		11.5	7.0	2.9	12.2	8.0	3.2	14.2	9.8	3.4	14.8	10.8	3.9	15.3	11.7	4.5		
2250	18	9	6.7	3.2	2.1	7.1	3.6	2.3	8.3	4.5	2.4	8.6	4.9	2.7	8.9	5.4	3.2	
		12	6.9	2.1	2.2	7.4	2.4	2.4	8.6	2.9	2.5	8.9	3.2	2.9	9.2	3.5	3.4	
		15	8.3	2.2	2.4	8.9	2.4	2.6	10.3	3.0	2.8	10.8	3.3	3.1	11.1	3.6	3.7	
	21	12	8.3	4.9	2.5	8.9	5.5	2.7	10.3	6.8	2.9	10.7	7.5	3.3	11.1	8.1	3.9	
		15	8.5	4.0	2.6	9.1	4.5	2.8	10.5	5.6	3.0	11.0	6.1	3.4	11.3	6.6	4.0	
		19	9.9	3.2	2.8	10.5	3.6	3.0	12.2	4.4	3.2	12.8	4.8	3.6	13.2	5.3	4.3	
	24	16	8.9	5.0	2.6	9.5	5.7	2.8	11.0	7.0	3.0	11.5	7.7	3.4	11.8	8.3	4.0	
		19	10.1	4.9	2.8	10.8	5.5	3.0	12.5	6.8	3.2	13.0	7.5	3.7	13.4	8.1	4.3	
		23	9.9	2.3	2.9	10.5	2.6	3.1	12.3	3.2	3.4	12.8	3.5	3.8	13.2	3.8	4.5	
	27	16	9.3	6.3	2.7	9.9	7.1	3.0	11.5	8.7	3.2	12.0	9.6	3.6	12.3	10.4	4.2	
		19	10.3	6.2	2.8	11.0	7.0	3.0	12.8	8.7	3.3	13.3	9.5	3.7	13.7	10.3	4.4	
		23	10.9	4.2	2.9	11.6	4.8	3.1	13.5	5.9	3.3	14.1	6.5	3.8	14.5	7.0	4.4	
	29	19	10.5	6.6	2.9	11.2	7.5	3.1	13.0	9.3	3.3	13.6	10.2	3.7	14.0	11.1	4.4	
		30	16	9.8	7.0	2.8	10.4	7.9	3.0	12.1	9.7	3.2	12.6	10.7	3.6	13.0	11.6	4.3
			19	10.6	7.1	2.9	11.3	8.0	3.1	13.1	9.9	3.3	13.7	10.9	3.7	14.1	11.8	4.4
	23		11.1	5.8	2.9	11.9	6.6	3.1	13.8	8.1	3.4	14.4	8.9	3.8	14.8	9.7	4.5	
	32	16	10.3	7.6	2.8	10.9	8.6	3.0	12.7	10.5	3.3	13.3	11.6	3.7	13.7	12.6	4.4	
		19	10.9	8.0	2.9	11.6	9.0	3.1	13.5	11.1	3.3	14.1	12.2	3.8	14.5	13.3	4.4	
23		11.5	7.4	2.9	12.2	8.3	3.2	14.2	10.3	3.4	14.8	11.3	3.9	15.3	12.3	4.5		
2500	18	9	6.8	3.5	2.1	7.3	4.0	2.3	8.4	4.9	2.4	8.8	5.4	2.8	9.1	5.9	3.3	
		12	7.1	2.3	2.2	7.5	2.6	2.4	8.8	3.2	2.6	9.1	3.5	2.9	9.4	3.8	3.4	
		15	8.5	2.4	2.4	9.1	2.7	2.6	10.5	3.3	2.8	11.0	3.6	3.2	11.3	3.9	3.7	
	21	12	8.5	5.4	2.6	9.0	6.1	2.7	10.5	7.5	2.9	11.0	8.2	3.3	11.3	8.9	3.9	
		15	8.7	4.4	2.6	9.2	5.0	2.8	10.7	6.1	3.0	11.2	6.7	3.4	11.6	7.3	4.0	
		19	10.1	3.5	2.8	10.8	3.9	3.0	12.5	4.8	3.2	13.0	5.3	3.7	13.4	5.8	4.3	
	24	16	9.1	5.5	2.6	9.7	6.2	2.8	11.2	7.7	3.0	11.7	8.4	3.4	12.1	9.2	4.0	
		19	10.3	5.3	2.8	11.0	6.0	3.0	12.8	7.4	3.3	13.3	8.2	3.7	13.7	8.9	4.4	
		23	10.1	2.5	2.9	10.8	2.8	3.2	12.5	3.5	3.4	13.0	3.9	3.9	13.4	4.2	4.5	
	27	16	9.5	6.9	2.8	10.1	7.8	3.0	11.7	9.6	3.2	12.2	10.5	3.6	12.6	11.4	4.3	
		19	10.5	6.8	2.9	11.2	7.7	3.1	13.0	9.5	3.3	13.6	10.4	3.7	14.0	11.3	4.4	
		23	11.1	4.6	2.9	11.9	5.2	3.1	13.8	6.4	3.4	14.4	7.1	3.8	14.8	7.7	4.5	
	29	19	10.7	7.3	2.9	11.4	8.3	3.1	13.3	10.2	3.3	13.9	11.2	3.8	14.3	12.1	4.4	
		30	16	9.9	7.7	2.8	10.6	8.7	3.0	12.3	10.7	3.2	12.9	11.8	3.7	13.3	12.8	4.3
			19	10.8	7.8	2.9	11.5	8.8	3.1	13.4	10.9	3.3	14.0	11.9	3.8	14.4	13.0	4.4
	23		11.4	6.4	2.9	12.1	7.2	3.2	14.1	8.9	3.4	14.7	9.8	3.9	15.1	10.6	4.5	
	32	16	10.5	8.3	2.9	11.2	9.4	3.1	13.0	11.6	3.3	13.5	12.7	3.7	13.9	13.8	4.4	
		19	11.1	8.7	2.9	11.9	9.9	3.1	13.8	12.2	3.4	14.4	13.4	3.8	14.8	14.5	4.5	
23		11.5	7.9	2.9	12.2	9.0	3.2	14.2	11.0	3.4	14.8	12.1	3.9	15.3	13.2	4.5		

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AFR	Indoor temperature		Outdoor temperature DB (°C)														
			18			21			25			30			35		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2750	18	9	6.9	2.6	2.1	7.4	2.9	2.3	8.6	3.6	2.5	9.0	4.0	2.8	9.3	6.2	3.3
		12	7.2	1.7	2.2	7.7	1.9	2.4	8.9	2.4	2.6	9.3	2.6	2.9	9.6	4.0	3.4
		15	8.7	1.7	2.5	9.3	2.0	2.6	10.8	2.4	2.8	11.2	2.7	3.2	11.6	4.1	3.8
	21	12	8.6	3.9	2.6	9.2	4.5	2.8	10.7	5.5	3.0	11.2	6.0	3.4	11.5	9.4	4.0
		15	8.8	3.2	2.6	9.4	3.6	2.8	11.0	4.5	3.0	11.4	4.9	3.4	11.8	7.7	4.1
		19	10.3	2.5	2.8	11.0	2.9	3.0	12.7	3.5	3.3	13.3	3.9	3.7	13.7	6.1	4.4
	24	16	9.2	4.0	2.6	9.9	4.6	2.8	11.5	5.6	3.0	11.9	6.2	3.4	12.3	9.6	4.0
		19	10.5	3.9	2.9	11.2	4.4	3.1	13.0	5.5	3.3	13.6	6.0	3.7	14.0	9.3	4.4
		23	10.3	1.8	3.0	11.0	2.1	3.2	12.8	2.6	3.4	13.3	2.8	3.9	13.7	4.4	4.6
	27	16	9.6	5.0	2.8	10.3	5.7	3.0	12.0	7.0	3.2	12.5	7.7	3.7	12.9	12.0	4.3
		19	10.7	5.0	2.9	11.4	5.7	3.1	13.3	7.0	3.3	13.9	7.7	3.8	14.3	11.9	4.4
		23	11.4	3.4	2.9	12.1	3.8	3.2	14.1	4.7	3.4	14.7	5.2	3.9	15.1	8.1	4.5
	29	19	10.9	5.4	2.9	11.7	6.1	3.1	13.5	7.5	3.4	14.1	8.2	3.8	14.6	12.8	4.5
		16	10.1	5.6	2.8	10.8	6.4	3.0	12.6	7.8	3.3	13.1	8.6	3.7	13.5	13.4	4.4
		19	11.0	5.7	2.9	11.8	6.5	3.1	13.7	8.0	3.4	14.3	8.8	3.8	14.7	13.6	4.5
	30	23	11.6	4.7	3.0	12.4	5.3	3.2	14.4	6.5	3.4	15.0	7.2	3.9	15.4	11.2	4.6
		16	10.7	6.1	2.9	11.4	6.9	3.1	13.2	8.5	3.3	13.8	9.3	3.8	14.2	14.5	4.4
		19	11.4	6.4	2.9	12.1	7.3	3.2	14.1	8.9	3.4	14.7	9.8	3.9	15.1	15.3	4.5
	32	23	11.5	5.7	2.9	12.2	6.5	3.2	14.2	7.9	3.4	14.8	8.7	3.9	15.3	13.6	4.5
		9	7.0	1.9	2.2	7.5	2.1	2.3	8.7	2.6	2.5	9.1	2.9	2.8	9.3	6.2	3.3
		12	7.3	1.2	2.3	7.8	1.4	2.4	9.0	1.7	2.6	9.4	1.9	3.0	9.7	4.1	3.5
3000	18	15	8.8	1.3	2.5	9.3	1.4	2.7	10.9	1.8	2.9	11.3	1.9	3.2	11.7	4.2	3.8
		12	8.7	2.9	2.6	9.3	3.2	2.8	10.8	4.0	3.0	11.3	4.4	3.4	11.6	9.5	4.0
		15	8.9	2.3	2.7	9.5	2.6	2.9	11.1	3.3	3.1	11.5	3.6	3.5	11.9	7.7	4.1
	21	19	10.4	1.8	2.9	11.1	2.1	3.1	12.9	2.6	3.3	13.4	2.8	3.7	13.8	6.1	4.4
		16	9.3	2.9	2.7	9.9	3.3	2.9	11.6	4.1	3.1	12.1	4.5	3.5	12.4	9.7	4.1
		19	10.6	2.8	2.9	11.3	3.2	3.1	13.1	4.0	3.3	13.7	4.4	3.8	14.1	9.4	4.4
	24	23	10.4	1.3	3.0	11.1	1.5	3.2	12.9	1.9	3.5	13.4	2.1	3.9	13.8	4.4	4.6
		16	9.7	3.7	2.8	10.4	4.2	3.0	12.1	5.1	3.3	12.6	5.6	3.7	13.0	12.1	4.4
		19	10.8	3.6	2.9	11.5	4.1	3.1	13.4	5.1	3.4	14.0	5.6	3.8	14.4	12.0	4.5
	27	23	11.5	2.5	3.0	12.2	2.8	3.2	14.2	3.4	3.4	14.8	3.8	3.9	15.3	8.2	4.6
		19	11.0	3.9	2.9	11.8	4.4	3.2	13.7	5.4	3.4	14.3	6.0	3.9	14.7	12.9	4.5
		16	10.2	4.1	2.9	10.9	4.6	3.1	12.7	5.7	3.3	13.3	6.3	3.7	13.7	13.5	4.4
	29	19	11.1	4.2	2.9	11.9	4.7	3.2	13.8	5.8	3.4	14.4	6.4	3.9	14.9	13.8	4.5
		23	11.7	3.4	3.0	12.5	3.9	3.2	14.5	4.7	3.5	15.1	5.2	3.9	15.6	11.3	4.6
		16	10.8	4.4	2.9	11.5	5.0	3.1	13.4	6.2	3.4	13.9	6.8	3.8	14.4	14.6	4.5
	30	19	11.5	4.7	3.0	12.2	5.3	3.2	14.2	6.5	3.4	14.8	7.2	3.9	15.3	15.4	4.6
		23	11.5	4.1	2.9	12.2	4.6	3.2	14.2	5.7	3.4	14.8	6.3	3.9	15.3	13.6	4.5
		16	10.8	4.4	2.9	11.5	5.0	3.1	13.4	6.2	3.4	13.9	6.8	3.8	14.4	14.6	4.5

AFR	Indoor temperature		Outdoor temperature DB (°C)											
			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2000	18	9	8.3	4.8	3.5	6.7	4.0	2.9	6.3	3.8	2.7	5.9	3.6	2.8
		12	8.6	3.1	3.6	7.0	2.6	3.0	6.6	2.5	2.8	6.1	2.4	2.9
		15	10.3	3.2	4.0	8.4	2.7	3.3	7.9	2.6	3.1	7.4	2.4	3.2
	21	12	10.3	7.3	4.2	8.4	6.1	3.5	7.9	5.8	3.3	7.3	5.5	3.3
		15	10.5	6.0	4.3	8.6	5.0	3.5	8.1	4.8	3.3	7.5	4.5	3.4
		19	12.2	4.7	4.6	10.0	3.9	3.8	9.4	3.8	3.6	8.7	3.6	3.7
	24	16	11.0	7.5	4.3	9.0	6.2	3.5	8.4	6.0	3.3	7.9	5.7	3.4
		19	12.5	7.3	4.7	10.2	6.1	3.8	9.6	5.8	3.6	8.9	5.5	3.7
		23	12.3	3.4	4.8	10.0	2.9	4.0	9.4	2.7	3.8	8.8	2.6	3.9
	27	16	11.5	9.4	4.6	9.4	7.8	3.8	8.8	7.5	3.6	8.2	7.1	3.6
		19	12.8	9.3	4.7	10.4	7.7	3.9	9.8	7.4	3.7	9.1	7.0	3.8
		23	13.5	6.3	4.8	11.0	5.2	4.0	10.4	5.0	3.7	9.7	4.8	3.8
	29	19	13.0	9.9	4.7	10.6	8.3	3.9	10.0	7.9	3.7	9.3	7.5	3.8
		16	12.1	10.5	4.6	9.9	8.7	3.8	9.3	8.2	3.6	8.6	7.7	3.7
		19	13.1	10.6	4.7	10.7	8.8	3.9	10.1	8.5	3.7	9.4	8.0	3.8
	30	23	13.8	8.7	4.8	11.3	7.2	4.0	10.6	6.9	3.8	9.9	6.6	3.9
		16	12.7	11.3	4.7	10.4	9.2	3.9	9.7	8.7	3.7	9.1	8.1	3.7
		19	13.5	11.9	4.8	11.0	9.8	4.0	10.4	9.2	3.7	9.7	8.6	3.8
32	23	15.0	11.6	4.9	12.2	9.7	4.1	11.5	9.2	3.9	10.7	8.8	3.9	
	18	9	8.7	5.3	3.5	7.1	4.4	2.9	6.7	4.2	2.7	6.2	4.0	2.8
	12	9.0	3.5	3.7	7.4	2.9	3.0	6.9	2.8	2.9	6.5	2.6	2.9	
2250	18	15	10.9	3.6	4.0	8.9	3.0	3.3	8.3	2.8	3.1	7.8	2.7	3.2
		12	10.8	8.0	4.2	8.9	6.7	3.5	8.3	6.4	3.3	7.7	6.1	3.4
		15	11.1	6.6	4.3	9.1	5.5	3.6	8.5	5.2	3.4	7.9	5.0	3.5
	21	19	12.9	5.2	4.7	10.5	4.3	3.8	9.9	4.1	3.6	9.2	3.9	3.7
		16	11.6	8.3	4.3	9.5	6.9	3.6	8.9	6.6	3.4	8.3	6.2	3.5
		19	13.2	8.0	4.7	10.8	6.7	3.9	10.1	6.4	3.7	9.4	6.1	3.8
	24	23	12.9	3.8	4.9	10.5	3.1	4.0	9.9	3.0	3.8	9.2	2.9	3.9
		16	12.1	10.3	4.6	9.9	8.6	3.8	9.3	8.2	3.6	8.6	7.8	3.7
		19	13.4	10.2	4.7	11.0	8.5	3.9	10.3	8.1	3.7	9.6	7.7	3.8
	27	23	14.3	6.9	4.8	11.6	5.8	4.0	10.9	5.5	3.8	10.2	5.3	3.9
		19	13.7	11.0	4.8	11.2	9.1	4.0	10.5	8.7	3.7	9.8	8.3	3.8
		16	12.7	11.5	4.7	10.4	9.6	3.8	9.8	9.1	3.6	9.1	8.5	3.7
	30	19	13.8	11.7	4.8	11.3	9.7	4.0	10.6	9.3	3.7	9.9	8.9	3.8
		23	14.5	9.6	4.9	11.9	8.0	4.0	11.1	7.6	3.8	10.4	7.2	3.9
		16	13.4	12.5	4.7	10.9	10.2	3.9	10.3	9.5	3.7	9.6	8.9	3.8
	32	19	14.3	13.1	4.8	11.6	10.8	4.0	10.9	10.1	3.8	10.2	9.5	3.9
		23	15.0	12.1	4.9	12.2	10.1	4.1	11.5	9.7	3.9	10.7	9.2	3.9
		9	8.9	5.8	3.5	7.3	4.8	2.9	6.8	4.6	2.8	6.4	4.4	2.8
2500	18	12	9.2	3.8	3.7	7.5	3.2	3.1	7.1	3.0	2.9	6.6	2.9	3.0
		15	11.1	3.9	4.1	9.1	3.3	3.4	8.5	3.1	3.2	7.9	3.0	3.3
		12	11.1	8.8	4.3	9.0	7.3	3.5	8.5	7.0	3.3	7.9	6.7	3.4
	21	15	11.3	7.2	4.4	9.2	6.0	3.6	8.7	5.7	3.4	8.1	5.5	3.5
		19	13.2	5.7	4.7	10.8	4.8	3.9	10.1	4.5	3.7	9.4	4.3	3.8
		16	11.8	9.1	4.4	9.7	7.5	3.6	9.1	7.2	3.4	8.5	6.9	3.5
	24	19	13.4	8.8	4.7	11.0	7.3	3.9	10.3	7.0	3.7	9.6	6.7	3.8
		23	13.2	4.1	4.9	10.8	3.4	4.1	10.1	3.3	3.9	9.4	3.1	3.9
		16	12.3	11.3	4.7	10.1	9.4	3.8	9.5	9.0	3.6	8.8	8.6	3.7
	27	19	13.7	11.2	4.8	11.2	9.3	4.0	10.5	8.9	3.7	9.8	8.5	3.8
		23	14.5	7.6	4.9	11.9	6.3	4.0	11.1	6.1	3.8	10.4	5.8	3.9
		19	14.0	12.0	4.8	11.4	10.0	4.0	10.7	9.6	3.8	10.0	9.1	3.9
	29	16	13.0	12.6	4.7	10.6	10.5	3.9	9.9	9.9	3.7	9.3	9.3	3.8
		19	14.1	12.8	4.8	11.5	10.7	4.0	10.8	10.2	3.8	10.1	9.7	3.9
		23	14.8	10.5	4.9	12.1	8.7	4.1	11.4	8.4	3.9	10.6	8.0	3.9
	30	16	13.7	13.7	4.8	11.2	11.2	4.0	10.5	10.5	3.7	9.8	9.8	3.8
		19	14.5	14.4	4.9	11.9	11.9	4.0	11.1	11.1	3.8	10.4	10.4	3.9
		23	15.0	13.0	4.9	12.2	10.9	4.1	11.5	10.4	3.9	10.7	9.9	3.9

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AFR	Indoor temperature		Outdoor temperature DB (°C)											
			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2750	18	9	9.1	4.3	3.6	7.4	3.6	3.0	6.9	3.4	2.8	6.5	3.2	2.9
		12	9.4	2.8	3.7	7.7	2.3	3.1	7.2	2.2	2.9	6.7	2.1	3.0
		15	11.3	2.9	4.1	9.3	2.4	3.4	8.7	2.3	3.2	8.1	2.2	3.3
	21	12	11.3	6.5	4.3	9.2	5.4	3.6	8.6	5.2	3.4	8.1	4.9	3.4
		15	11.6	5.3	4.4	9.4	4.4	3.6	8.8	4.2	3.4	8.3	4.0	3.5
		19	13.4	4.2	4.7	11.0	3.5	3.9	10.3	3.3	3.7	9.6	3.2	3.8
	24	16	12.1	6.7	4.4	9.9	5.5	3.6	9.2	5.3	3.4	8.6	5.0	3.5
		19	13.7	6.5	4.8	11.2	5.4	4.0	10.5	5.1	3.7	9.8	4.9	3.8
		23	13.4	3.0	5.0	11.0	2.5	4.1	10.3	2.4	3.9	9.6	2.3	4.0
	27	16	12.6	8.3	4.7	10.3	6.9	3.9	9.6	6.6	3.7	9.0	6.3	3.8
		19	14.0	8.2	4.8	11.4	6.9	4.0	10.7	6.6	3.8	10.0	6.2	3.9
		23	14.8	5.6	4.9	12.1	4.7	4.1	11.4	4.4	3.9	10.6	4.2	3.9
	29	19	14.3	8.8	4.9	11.7	7.3	4.0	10.9	7.0	3.8	10.2	6.7	3.9
		16	13.3	9.3	4.7	10.8	7.7	3.9	10.1	7.3	3.7	9.5	6.8	3.8
		19	14.4	9.4	4.9	11.8	7.8	4.0	11.0	7.5	3.8	10.3	7.1	3.9
	30	23	15.1	7.7	5.0	12.4	6.4	4.1	11.6	6.1	3.9	10.8	5.8	4.0
		16	13.9	10.0	4.8	11.4	8.2	4.0	10.7	7.7	3.8	10.0	7.2	3.9
		19	14.8	10.6	4.9	12.1	8.7	4.1	11.4	8.2	3.9	10.6	7.6	3.9
32	23	15.0	9.4	4.9	12.2	7.8	4.1	11.5	7.5	3.9	10.7	7.1	3.9	
	9	9.2	3.1	3.6	7.5	2.6	3.0	7.0	2.5	2.8	6.5	2.4	2.9	
	12	9.5	2.0	3.8	7.8	1.7	3.1	7.3	1.6	3.0	6.8	1.5	3.0	
3000	18	15	11.4	2.1	4.2	9.3	1.7	3.4	8.8	1.7	3.2	8.2	1.6	3.3
		12	11.4	4.7	4.4	9.3	3.9	3.6	8.7	3.7	3.4	8.1	3.6	3.5
		15	11.7	3.9	4.5	9.5	3.2	3.7	8.9	3.1	3.5	8.3	2.9	3.6
	21	19	13.6	3.0	4.8	11.1	2.5	4.0	10.4	2.4	3.7	9.7	2.3	3.8
		16	12.2	4.8	4.5	9.9	4.0	3.7	9.3	3.8	3.5	8.7	3.7	3.6
		19	13.8	4.7	4.8	11.3	3.9	4.0	10.6	3.7	3.8	9.9	3.6	3.9
	24	23	13.6	2.2	5.0	11.1	1.8	4.2	10.4	1.8	3.9	9.7	1.7	4.0
		16	12.7	6.0	4.7	10.4	5.0	3.9	9.7	4.8	3.7	9.1	4.6	3.8
		19	14.1	6.0	4.9	11.5	5.0	4.0	10.8	4.8	3.8	10.1	4.5	3.9
	27	23	15.0	4.1	5.0	12.2	3.4	4.1	11.5	3.2	3.9	10.7	3.1	4.0
		19	14.4	6.4	4.9	11.8	5.3	4.1	11.0	5.1	3.9	10.3	4.9	3.9
		16	13.4	6.7	4.8	10.9	5.6	4.0	10.2	5.3	3.7	9.6	5.0	3.8
	30	19	14.6	6.9	4.9	11.9	5.7	4.1	11.1	5.5	3.9	10.4	5.2	3.9
		23	15.3	5.6	5.0	12.5	4.7	4.2	11.7	4.5	3.9	10.9	4.2	4.0
		16	14.1	7.3	4.9	11.5	6.0	4.0	10.8	5.6	3.8	10.1	5.2	3.9
	32	19	15.0	7.7	5.0	12.2	6.3	4.1	11.5	5.9	3.9	10.7	5.5	4.0
		23	15.0	6.8	4.9	12.2	5.6	4.1	11.5	5.4	3.9	10.7	5.1	3.9

Outdoor Unit:GUHD60NM3CO Indoor Unit:GFH60K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)														
			18			21			25			30			35		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2520	18	9	7.7	3.5	2.5	8.2	4.0	2.7	9.5	4.9	2.9	9.9	5.4	3.3	10.2	5.9	3.8
		12	8.0	2.3	2.6	8.5	2.6	2.8	9.9	3.2	3.0	10.3	3.6	3.4	10.6	3.9	4.0
		15	9.6	2.4	2.9	10.2	2.7	3.1	11.9	3.3	3.3	12.4	3.7	3.8	12.8	4.0	4.4
	21	12	9.6	5.4	3.0	10.2	6.1	3.2	11.9	7.5	3.5	12.4	8.3	3.9	12.7	9.0	4.6
		15	9.8	4.4	3.1	10.4	5.0	3.3	12.1	6.1	3.6	12.7	6.8	4.0	13.1	7.3	4.7
		19	11.4	3.5	3.3	12.1	3.9	3.6	14.1	4.9	3.8	14.7	5.3	4.3	15.2	5.8	5.1
	24	16	10.2	5.5	3.1	10.9	6.3	3.3	12.7	7.7	3.5	13.2	8.5	4.0	13.6	9.2	4.7
		19	11.6	5.4	3.3	12.4	6.1	3.6	14.4	7.5	3.9	15.0	8.2	4.4	15.5	8.9	5.1
		23	11.4	2.5	3.5	12.1	2.9	3.7	14.1	3.5	4.0	14.7	3.9	4.5	15.2	4.2	5.3
	27	16	10.7	6.9	3.3	11.4	7.8	3.5	13.2	9.6	3.8	13.8	10.6	4.3	14.2	11.5	5.0
		19	11.9	6.8	3.4	12.6	7.8	3.6	14.7	9.5	3.9	15.3	10.5	4.4	15.8	11.4	5.2
		23	12.6	4.6	3.4	13.4	5.3	3.7	15.6	6.5	4.0	16.3	7.1	4.5	16.8	7.7	5.3
29	19	12.1	7.3	3.4	12.9	8.3	3.7	15.0	10.2	3.9	15.6	11.2	4.5	16.1	12.2	5.2	
	30	16	11.2	7.7	3.3	12.0	8.7	3.6	13.9	10.7	3.8	14.5	11.8	4.3	15.0	12.8	5.1
		19	12.2	7.8	3.4	13.0	8.9	3.7	15.1	10.9	3.9	15.8	12.0	4.5	16.3	13.0	5.2
23		12.8	6.4	3.5	13.7	7.3	3.7	15.9	8.9	4.0	16.6	9.8	4.5	17.1	10.7	5.4	
32	16	11.8	8.3	3.4	12.6	9.4	3.6	14.7	11.6	3.9	15.3	12.8	4.4	15.8	13.9	5.2	
	19	12.6	8.8	3.4	13.4	9.9	3.7	15.6	12.2	4.0	16.3	13.5	4.5	16.8	14.6	5.3	
	23	13.9	8.5	3.5	14.8	9.7	3.8	17.3	11.9	4.1	18.0	13.1	4.6	18.6	14.2	5.5	
2835	18	9	8.1	3.9	2.5	8.6	4.4	2.7	10.0	5.4	2.9	10.5	6.0	3.3	10.8	6.5	3.9
		12	8.4	2.5	2.6	9.0	2.9	2.8	10.4	3.6	3.0	10.9	3.9	3.4	11.2	4.2	4.1
		15	10.1	2.6	2.9	10.8	3.0	3.1	12.5	3.7	3.3	13.1	4.0	3.8	13.5	4.4	4.5
	21	12	10.1	5.9	3.0	10.7	6.7	3.3	12.5	8.3	3.5	13.0	9.1	4.0	13.4	9.9	4.7
		15	10.3	4.8	3.1	11.0	5.5	3.3	12.8	6.8	3.6	13.3	7.4	4.1	13.8	8.1	4.8
		19	12.0	3.8	3.3	12.8	4.3	3.6	14.9	5.3	3.9	15.5	5.9	4.4	16.0	6.4	5.1
	24	16	10.8	6.1	3.1	11.5	6.9	3.3	13.4	8.5	3.6	13.9	9.3	4.1	14.4	10.1	4.8
		19	12.2	5.9	3.4	13.1	6.7	3.6	15.2	8.2	3.9	15.8	9.1	4.4	16.3	9.8	5.2
		23	12.0	2.8	3.5	12.8	3.1	3.8	14.9	3.9	4.1	15.5	4.3	4.6	16.0	4.6	5.4
	27	16	11.2	7.6	3.3	12.0	8.6	3.6	13.9	10.6	3.8	14.5	11.7	4.3	15.0	12.7	5.1
		19	12.5	7.5	3.4	13.3	8.5	3.7	15.5	10.5	3.9	16.2	11.6	4.5	16.7	12.5	5.2
		23	13.2	5.1	3.5	14.1	5.8	3.7	16.4	7.1	4.0	17.1	7.8	4.5	17.7	8.5	5.4
29	19	12.7	8.1	3.4	13.6	9.1	3.7	15.8	11.3	4.0	16.5	12.4	4.5	17.0	13.4	5.3	
	30	16	11.8	8.5	3.3	12.6	9.6	3.6	14.7	11.8	3.9	15.3	13.0	4.4	15.8	14.1	5.1
		19	12.9	8.6	3.4	13.7	9.8	3.7	16.0	12.0	4.0	16.6	13.2	4.5	17.2	14.3	5.3
23		13.5	7.1	3.5	14.4	8.0	3.8	16.8	9.8	4.1	17.5	10.8	4.6	18.0	11.8	5.4	
32	16	12.5	9.2	3.4	13.3	10.4	3.7	15.4	12.8	3.9	16.1	14.1	4.5	16.6	15.3	5.2	
	19	13.2	9.7	3.5	14.1	10.9	3.7	16.4	13.5	4.0	17.1	14.8	4.5	17.7	16.1	5.4	
	23	13.9	8.9	3.5	14.8	10.1	3.8	17.3	12.5	4.1	18.0	13.7	4.6	18.6	14.9	5.5	
3150	18	9	8.3	4.3	2.5	8.8	4.9	2.7	10.2	6.0	2.9	10.7	6.6	3.3	11.0	7.1	3.9
		12	8.6	2.8	2.7	9.1	3.2	2.9	10.6	3.9	3.1	11.1	4.3	3.5	11.4	4.7	4.1
		15	10.3	2.9	2.9	11.0	3.3	3.2	12.8	4.0	3.4	13.4	4.4	3.8	13.8	4.8	4.5
	21	12	10.3	6.5	3.1	11.0	7.4	3.3	12.7	9.1	3.5	13.3	10.0	4.0	13.7	10.8	4.7
		15	10.5	5.3	3.1	11.2	6.0	3.4	13.1	7.4	3.6	13.6	8.2	4.1	14.0	8.9	4.8
		19	12.2	4.2	3.4	13.1	4.8	3.6	15.2	5.9	3.9	15.8	6.5	4.4	16.3	7.0	5.2
	24	16	11.0	6.7	3.1	11.7	7.6	3.4	13.6	9.3	3.6	14.2	10.2	4.1	14.7	11.1	4.8
		19	12.5	6.5	3.4	13.3	7.3	3.7	15.5	9.0	3.9	16.2	9.9	4.5	16.7	10.8	5.2
		23	12.2	3.0	3.5	13.1	3.5	3.8	15.2	4.3	4.1	15.8	4.7	4.6	16.3	5.1	5.5
	27	16	11.5	8.3	3.3	12.2	9.4	3.6	14.2	11.6	3.9	14.8	12.8	4.4	15.3	13.9	5.1
		19	12.8	8.3	3.4	13.6	9.4	3.7	15.8	11.5	4.0	16.5	12.7	4.5	17.0	13.8	5.3
		23	13.5	5.6	3.5	14.4	6.4	3.8	16.8	7.8	4.1	17.5	8.6	4.6	18.0	9.3	5.4
29	19	13.0	8.8	3.5	13.9	10.0	3.7	16.1	12.3	4.0	16.8	13.6	4.6	17.3	14.7	5.4	
	30	16	12.1	9.3	3.4	12.9	10.5	3.6	15.0	13.0	3.9	15.6	14.3	4.4	16.1	15.5	5.2
		19	13.1	9.4	3.5	14.0	10.7	3.7	16.3	13.2	4.0	17.0	14.5	4.6	17.5	15.7	5.4
23		13.8	7.7	3.5	14.7	8.8	3.8	17.1	10.8	4.1	17.8	11.9	4.6	18.4	12.9	5.5	
32	16	12.7	10.1	3.4	13.6	11.4	3.7	15.8	14.0	4.0	16.4	15.5	4.5	16.9	16.8	5.3	
	19	13.5	10.6	3.5	14.4	12.0	3.8	16.8	14.8	4.1	17.5	16.3	4.6	18.0	17.7	5.4	
	23	13.9	9.6	3.5	14.8	10.9	3.8	17.3	13.4	4.1	18.0	14.8	4.6	18.6	16.0	5.5	

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AFR	Indoor temperature		Outdoor temperature DB (°C)															
			18			21			25			30			35			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
3465	18	9	8.4	3.1	2.6	9.0	3.6	2.8	10.4	4.4	3.0	10.9	4.8	3.4	11.2	7.5	4.0	
		12	8.7	2.1	2.7	9.3	2.3	2.9	10.8	2.9	3.1	11.3	3.2	3.5	11.7	4.9	4.1	
		15	10.5	2.1	3.0	11.2	2.4	3.2	13.1	2.9	3.4	13.6	3.2	3.9	14.0	5.0	4.6	
	21	12	10.5	4.8	3.1	11.2	5.4	3.3	13.0	6.7	3.6	13.6	7.3	4.1	14.0	11.4	4.8	
		15	10.7	3.9	3.2	11.5	4.4	3.4	13.3	5.4	3.7	13.9	6.0	4.1	14.3	9.3	4.9	
		19	12.5	3.1	3.4	13.3	3.5	3.7	15.5	4.3	3.9	16.1	4.7	4.5	16.6	7.4	5.2	
	24	16	11.2	4.9	3.2	12.0	5.6	3.4	13.9	6.8	3.7	14.5	7.5	4.1	15.0	11.7	4.9	
		19	12.7	4.8	3.4	13.6	5.4	3.7	15.8	6.6	4.0	16.5	7.3	4.5	17.0	11.3	5.3	
		23	12.5	2.2	3.6	13.3	2.5	3.9	15.5	3.1	4.1	16.2	3.4	4.7	16.7	5.3	5.5	
	27	16	11.7	6.1	3.4	12.5	6.9	3.6	14.5	8.5	3.9	15.1	9.4	4.4	15.6	14.6	5.2	
		19	13.0	6.1	3.5	13.9	6.9	3.7	16.1	8.5	4.0	16.8	9.3	4.6	17.3	14.5	5.4	
		23	13.8	4.1	3.5	14.7	4.7	3.8	17.1	5.7	4.1	17.8	6.3	4.6	18.4	9.8	5.5	
	29	19	13.3	6.5	3.5	14.1	7.4	3.8	16.4	9.1	4.1	17.2	10.0	4.6	17.7	15.5	5.4	
		16	12.3	6.8	3.4	13.1	7.7	3.7	15.3	9.5	3.9	15.9	10.5	4.5	16.4	16.3	5.2	
		19	13.4	6.9	3.5	14.3	7.9	3.8	16.6	9.7	4.1	17.3	10.7	4.6	17.9	16.5	5.4	
	30	23	14.1	5.7	3.6	15.0	6.4	3.9	17.4	7.9	4.1	18.2	8.7	4.7	18.8	13.5	5.5	
		16	13.0	7.4	3.5	13.8	8.4	3.7	16.1	10.3	4.0	16.8	11.3	4.5	17.3	17.6	5.4	
		19	13.8	7.8	3.5	14.7	8.8	3.8	17.1	10.9	4.1	17.8	12.0	4.6	18.4	18.6	5.5	
	32	19	13.9	6.9	3.5	14.8	7.8	3.8	17.3	9.6	4.1	18.0	10.6	4.6	18.6	16.5	5.5	
		18	9	8.5	2.3	2.6	9.1	2.6	2.8	10.6	3.2	3.0	11.0	3.5	3.4	11.3	7.6	4.0
		12	8.8	1.5	2.7	9.4	1.7	2.9	10.9	2.1	3.1	11.4	2.3	3.6	11.8	4.9	4.2	
3780	18	15	10.6	1.5	3.0	11.3	1.7	3.2	13.2	2.1	3.4	13.8	2.4	3.9	14.2	5.1	4.6	
		12	10.6	3.5	3.1	11.3	3.9	3.4	13.1	4.8	3.6	13.7	5.3	4.1	14.1	11.5	4.8	
		15	10.8	2.8	3.2	11.6	3.2	3.4	13.4	4.0	3.7	14.0	4.4	4.2	14.5	9.4	4.9	
	21	19	12.6	2.2	3.4	13.4	2.5	3.7	15.6	3.1	4.0	16.3	3.4	4.5	16.8	7.4	5.3	
		16	11.3	3.6	3.2	12.1	4.0	3.4	14.0	5.0	3.7	14.6	5.5	4.2	15.1	11.8	4.9	
		19	12.9	3.5	3.5	13.7	3.9	3.7	16.0	4.8	4.0	16.6	5.3	4.5	17.2	11.5	5.4	
	24	23	12.6	1.6	3.6	13.5	1.8	3.9	15.6	2.3	4.2	16.3	2.5	4.7	16.8	5.4	5.6	
		16	11.8	4.4	3.4	12.6	5.0	3.7	14.7	6.2	3.9	15.3	6.8	4.5	15.8	14.7	5.2	
		19	13.1	4.4	3.5	14.0	5.0	3.8	16.3	6.2	4.1	17.0	6.8	4.6	17.5	14.6	5.4	
	27	23	13.9	3.0	3.6	14.8	3.4	3.9	17.3	4.2	4.1	18.0	4.6	4.7	18.6	9.9	5.5	
		19	13.4	4.7	3.5	14.3	5.4	3.8	16.6	6.6	4.1	17.3	7.3	4.6	17.9	15.6	5.5	
		16	12.4	5.0	3.4	13.3	5.6	3.7	15.4	6.9	4.0	16.1	7.6	4.5	16.6	16.4	5.3	
	30	19	13.5	5.0	3.5	14.4	5.7	3.8	16.8	7.0	4.1	17.5	7.7	4.6	18.0	16.7	5.5	
		23	14.2	4.1	3.6	15.1	4.7	3.9	17.6	5.8	4.2	18.4	6.3	4.7	18.9	13.7	5.6	
		16	13.1	5.4	3.5	14.0	6.1	3.8	16.2	7.5	4.1	16.9	8.3	4.6	17.4	17.8	5.4	
	32	19	13.9	5.7	3.6	14.8	6.4	3.9	17.3	7.9	4.1	18.0	8.7	4.7	18.6	18.7	5.5	
		23	13.9	5.0	3.5	14.8	5.6	3.8	17.3	6.9	4.1	18.0	7.6	4.6	18.6	16.5	5.5	

AFR	Indoor temperature		Outdoor temperature DB (°C)											
			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2520	18	9	10.0	5.8	4.2	8.2	4.9	3.5	7.7	4.7	3.3	7.2	4.4	3.3
		12	10.4	3.8	4.4	8.5	3.2	3.6	8.0	3.0	3.4	7.4	2.9	3.5
		15	12.5	3.9	4.8	10.2	3.3	4.0	9.6	3.1	3.8	9.0	3.0	3.8
	21	12	12.5	8.9	5.0	10.2	7.4	4.2	9.6	7.1	3.9	8.9	6.7	4.0
		15	12.8	7.3	5.2	10.4	6.0	4.3	9.8	5.8	4.0	9.1	5.5	4.1
		19	14.9	5.7	5.5	12.1	4.8	4.6	11.4	4.6	4.3	10.6	4.3	4.4
	24	16	13.4	9.1	5.2	10.9	7.6	4.3	10.2	7.2	4.0	9.5	6.9	4.1
		19	15.2	8.8	5.6	12.4	7.4	4.6	11.6	7.0	4.4	10.8	6.7	4.5
		23	14.9	4.2	5.8	12.1	3.5	4.8	11.4	3.3	4.5	10.6	3.1	4.7
	27	16	13.9	11.4	5.5	11.4	9.5	4.5	10.7	9.0	4.3	10.0	8.6	4.4
		19	15.5	11.3	5.7	12.6	9.4	4.7	11.9	9.0	4.4	11.1	8.5	4.5
		23	16.4	7.7	5.8	13.4	6.4	4.8	12.6	6.1	4.5	11.7	5.8	4.6
	29	19	15.8	12.1	5.7	12.9	10.1	4.7	12.1	9.6	4.5	11.3	9.1	4.6
		16	14.7	12.7	5.5	12.0	10.6	4.6	11.2	10.0	4.3	10.5	9.3	4.4
		19	16.0	12.9	5.7	13.0	10.7	4.7	12.2	10.3	4.5	11.4	9.8	4.6
30	23	16.8	10.6	5.8	13.7	8.8	4.8	12.8	8.4	4.5	12.0	8.0	4.7	
	16	15.4	13.7	5.7	12.6	11.2	4.7	11.8	10.5	4.4	11.0	9.8	4.5	
	19	16.4	14.5	5.8	13.4	11.9	4.8	12.6	11.2	4.5	11.7	10.4	4.6	
32	23	18.2	14.1	6.0	14.8	11.7	4.9	13.9	11.2	4.6	13.0	10.7	4.8	
	18	9	10.6	6.4	4.2	8.6	5.4	3.5	8.1	5.1	3.3	7.6	4.9	3.4
	12	11.0	4.2	4.4	9.0	3.5	3.7	8.4	3.3	3.4	7.8	3.2	3.5	
2835	18	15	13.2	4.3	4.9	10.8	3.6	4.0	10.1	3.4	3.8	9.4	3.3	3.9
		12	13.2	9.8	5.1	10.7	8.1	4.2	10.1	7.8	4.0	9.4	7.4	4.1
		15	13.5	8.0	5.2	11.0	6.7	4.3	10.3	6.4	4.1	9.6	6.0	4.2
	21	19	15.7	6.3	5.6	12.8	5.3	4.6	12.0	5.0	4.4	11.2	4.8	4.5
		16	14.1	10.0	5.2	11.5	8.3	4.3	10.8	8.0	4.1	10.1	7.6	4.2
		19	16.0	9.7	5.7	13.1	8.1	4.7	12.2	7.7	4.4	11.4	7.4	4.5
	24	23	15.7	4.6	5.9	12.8	3.8	4.9	12.0	3.6	4.6	11.2	3.5	4.7
		16	14.7	12.5	5.5	12.0	10.4	4.6	11.2	10.0	4.3	10.5	9.5	4.4
		19	16.3	12.4	5.7	13.3	10.3	4.7	12.5	9.9	4.5	11.7	9.4	4.6
	27	23	17.3	8.4	5.8	14.1	7.0	4.8	13.2	6.7	4.5	12.4	6.4	4.7
		19	16.7	13.3	5.8	13.6	11.1	4.8	12.7	10.6	4.5	11.9	10.1	4.6
		16	15.5	14.0	5.6	12.6	11.6	4.6	11.8	11.0	4.4	11.1	10.3	4.5
	30	19	16.8	14.2	5.8	13.7	11.8	4.8	12.9	11.3	4.5	12.0	10.7	4.6
		23	17.7	11.6	5.9	14.4	9.7	4.9	13.5	9.3	4.6	12.6	8.8	4.7
		16	16.3	15.1	5.7	13.3	12.4	4.7	12.5	11.6	4.5	11.6	10.8	4.6
32	19	17.3	15.9	5.8	14.1	13.1	4.8	13.2	12.3	4.5	12.4	11.5	4.7	
	23	18.2	14.7	6.0	14.8	12.3	4.9	13.9	11.7	4.6	13.0	11.2	4.8	
	9	10.8	7.1	4.3	8.8	5.9	3.5	8.3	5.6	3.3	7.7	5.3	3.4	
3150	18	12	11.2	4.6	4.5	9.1	3.8	3.7	8.6	3.7	3.5	8.0	3.5	3.6
		15	13.5	4.7	4.9	11.0	4.0	4.1	10.3	3.8	3.8	9.6	3.6	3.9
		12	13.4	10.7	5.2	11.0	8.9	4.3	10.3	8.5	4.0	9.6	8.1	4.1
	21	15	13.8	8.8	5.3	11.2	7.3	4.3	10.5	7.0	4.1	9.8	6.6	4.2
		19	16.0	6.9	5.7	13.1	5.8	4.7	12.2	5.5	4.4	11.4	5.2	4.5
		16	14.4	11.0	5.3	11.7	9.2	4.3	11.0	8.8	4.1	10.3	8.3	4.2
	24	19	16.3	10.7	5.7	13.3	8.9	4.7	12.5	8.5	4.5	11.7	8.1	4.6
		23	16.0	5.0	5.9	13.1	4.2	4.9	12.2	4.0	4.6	11.4	3.8	4.7
		16	15.0	13.7	5.6	12.2	11.4	4.6	11.5	10.9	4.4	10.7	10.4	4.5
	27	19	16.7	13.6	5.8	13.6	11.3	4.8	12.8	10.8	4.5	11.9	10.3	4.6
		23	17.7	9.2	5.9	14.4	7.7	4.9	13.5	7.4	4.6	12.6	7.0	4.7
		19	17.0	14.6	5.8	13.9	12.2	4.8	13.0	11.6	4.6	12.1	11.0	4.7
	30	16	15.8	15.3	5.7	12.9	12.8	4.7	12.1	12.1	4.4	11.3	11.3	4.5
		19	17.2	15.6	5.8	14.0	13.0	4.8	13.1	12.4	4.6	12.3	11.8	4.7
		23	18.0	12.8	6.0	14.7	10.6	4.9	13.8	10.2	4.6	12.9	9.7	4.8
32	16	16.6	16.6	5.8	13.6	13.6	4.8	12.7	12.7	4.5	11.9	11.9	4.6	
	19	17.7	17.5	5.9	14.4	14.4	4.9	13.5	13.5	4.6	12.6	12.6	4.7	
	23	18.2	15.8	6.0	14.8	13.2	4.9	13.9	12.6	4.6	13.0	12.0	4.8	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)											
			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
3465	18	9	11.0	5.2	4.3	9.0	4.3	3.6	8.4	4.1	3.4	7.9	3.9	3.4
		12	11.4	3.4	4.5	9.3	2.8	3.7	8.7	2.7	3.5	8.2	2.6	3.6
		15	13.8	3.5	5.0	11.2	2.9	4.1	10.5	2.8	3.9	9.8	2.6	4.0
	21	12	13.7	7.9	5.2	11.2	6.6	4.3	10.5	6.3	4.1	9.8	6.0	4.2
		15	14.0	6.4	5.3	11.5	5.4	4.4	10.7	5.1	4.1	10.0	4.9	4.2
		19	16.3	5.1	5.7	13.3	4.2	4.7	12.5	4.1	4.5	11.7	3.9	4.6
	24	16	14.7	8.1	5.3	12.0	6.7	4.4	11.2	6.4	4.1	10.5	6.1	4.2
		19	16.7	7.8	5.8	13.6	6.5	4.8	12.7	6.2	4.5	11.9	5.9	4.6
		23	16.3	3.7	6.0	13.3	3.1	5.0	12.5	2.9	4.7	11.7	2.8	4.8
	27	16	15.3	10.1	5.7	12.5	8.4	4.7	11.7	8.0	4.4	10.9	7.6	4.5
		19	17.0	10.0	5.8	13.9	8.3	4.8	13.0	8.0	4.6	12.1	7.6	4.7
		23	18.0	6.8	6.0	14.7	5.7	4.9	13.8	5.4	4.6	12.9	5.1	4.8
	29	19	17.3	10.7	5.9	14.1	8.9	4.9	13.3	8.5	4.6	12.4	8.1	4.7
		16	16.1	11.3	5.7	13.1	9.4	4.7	12.3	8.9	4.5	11.5	8.3	4.6
		19	17.5	11.4	5.9	14.3	9.5	4.9	13.4	9.1	4.6	12.5	8.7	4.7
	30	23	18.4	9.4	6.0	15.0	7.8	5.0	14.1	7.5	4.7	13.1	7.1	4.8
		16	16.9	12.2	5.8	13.8	10.0	4.8	13.0	9.3	4.5	12.1	8.7	4.7
		19	18.0	12.8	6.0	14.7	10.6	4.9	13.8	9.9	4.6	12.9	9.3	4.8
32	23	18.2	11.4	6.0	14.8	9.5	4.9	13.9	9.1	4.6	13.0	8.6	4.8	
	18	9	11.1	3.8	4.4	9.1	3.1	3.6	8.5	3.0	3.4	7.9	2.9	3.5
	12	11.5	2.5	4.6	9.4	2.0	3.8	8.8	2.0	3.6	8.2	1.9	3.6	
3780	18	15	13.9	2.5	5.0	11.3	2.1	4.1	10.6	2.0	3.9	9.9	1.9	4.0
		12	13.8	5.7	5.3	11.3	4.8	4.3	10.6	4.6	4.1	9.9	4.3	4.2
		15	14.2	4.7	5.4	11.6	3.9	4.4	10.8	3.7	4.2	10.1	3.5	4.3
	21	19	16.5	3.7	5.8	13.4	3.1	4.8	12.6	2.9	4.5	11.8	2.8	4.6
		16	14.8	5.9	5.4	12.1	4.9	4.4	11.3	4.7	4.2	10.6	4.4	4.3
		19	16.8	5.7	5.8	13.7	4.7	4.8	12.9	4.5	4.5	12.0	4.3	4.7
	24	23	16.5	2.7	6.1	13.5	2.2	5.0	12.6	2.1	4.7	11.8	2.0	4.8
		16	15.4	7.3	5.7	12.6	6.1	4.7	11.8	5.8	4.5	11.0	5.6	4.6
		19	17.2	7.3	5.9	14.0	6.1	4.9	13.1	5.8	4.6	12.3	5.5	4.7
	27	23	18.2	4.9	6.0	14.8	4.1	5.0	13.9	3.9	4.7	13.0	3.7	4.8
		19	17.5	7.8	6.0	14.3	6.5	4.9	13.4	6.2	4.6	12.5	5.9	4.8
		16	16.3	8.2	5.8	13.3	6.8	4.8	12.4	6.5	4.5	11.6	6.0	4.6
	30	19	17.7	8.3	6.0	14.4	6.9	4.9	13.5	6.6	4.6	12.6	6.3	4.8
		23	18.6	6.8	6.1	15.1	5.7	5.0	14.2	5.4	4.7	13.3	5.2	4.8
		16	17.1	8.9	5.9	14.0	7.2	4.9	13.1	6.8	4.6	12.2	6.3	4.7
	32	19	18.2	9.3	6.0	14.8	7.7	5.0	13.9	7.2	4.7	13.0	6.7	4.8
		23	18.2	8.2	6.0	14.8	6.8	4.9	13.9	6.5	4.6	13.0	6.2	4.8

4.3.2 GUHD*N*3CO with GKH*K3CI

Outdoor Unit:GUHD12NK3CO Indoor Unit:GKH12K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																	
				18			21			25			30			35					
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI			
High	550	18	9	1.7	0.8	0.5	1.8	0.9	0.5	2.0	1.1	0.6	2.1	1.2	0.6	2.2	1.3	0.8			
			12	1.7	0.5	0.5	1.8	0.6	0.6	2.1	0.7	0.6	2.2	0.8	0.7	2.3	0.9	0.8			
			15	2.1	0.5	0.6	2.2	0.6	0.6	2.6	0.8	0.7	2.7	0.8	0.7	2.8	0.9	0.9			
		21	12	2.1	1.2	0.6	2.2	1.4	0.6	2.5	1.7	0.7	2.7	1.9	0.8	2.7	2.0	0.9			
			15	2.1	1.0	0.6	2.2	1.1	0.7	2.6	1.4	0.7	2.7	1.5	0.8	2.8	1.7	0.9			
			19	2.4	0.8	0.7	2.6	0.9	0.7	3.0	1.1	0.8	3.2	1.2	0.9	3.3	1.3	1.0			
		24	16	2.2	1.3	0.6	2.3	1.4	0.7	2.7	1.7	0.7	2.8	1.9	0.8	2.9	2.1	0.9			
			19	2.5	1.2	0.7	2.7	1.4	0.7	3.1	1.7	0.8	3.2	1.9	0.9	3.3	2.0	1.0			
			23	2.4	0.6	0.7	2.6	0.6	0.7	3.0	0.8	0.8	3.2	0.9	0.9	3.3	1.0	1.1			
		27	16	2.3	1.6	0.6	2.4	1.8	0.7	2.8	2.2	0.7	3.0	2.4	0.8	3.1	2.6	1.0			
			19	2.6	1.6	0.7	2.7	1.8	0.7	3.2	2.2	0.8	3.3	2.4	0.9	3.4	2.6	1.0			
			23	2.7	1.1	0.7	2.9	1.2	0.7	3.4	1.5	0.8	3.5	1.6	0.9	3.6	1.8	1.1			
		29	19	2.6	1.7	0.7	2.8	1.9	0.7	3.2	2.3	0.8	3.4	2.6	0.9	3.5	2.8	1.0			
			16	2.4	1.7	0.7	2.6	2.0	0.7	3.0	2.4	0.8	3.1	2.7	0.9	3.2	2.9	1.0			
			19	2.6	1.8	0.7	2.8	2.0	0.7	3.3	2.5	0.8	3.4	2.7	0.9	3.5	3.0	1.0			
		30	23	2.8	1.5	0.7	2.9	1.6	0.7	3.4	2.0	0.8	3.6	2.2	0.9	3.7	2.4	1.1			
			16	2.5	1.9	0.7	2.7	2.1	0.7	3.2	2.6	0.8	3.3	2.9	0.9	3.4	3.1	1.0			
			19	2.7	2.0	0.7	2.9	2.3	0.7	3.4	2.8	0.8	3.5	3.1	0.9	3.6	3.3	1.1			
		32	23	2.8	1.8	0.7	3.0	2.0	0.7	3.5	2.5	0.8	3.6	2.8	0.9	3.7	3.0	1.1			
			Medium	450	18	9	1.6	0.7	0.5	1.7	0.8	0.5	2.0	1.0	0.6	2.1	1.1	0.6	2.2	1.2	0.8
						12	1.7	0.5	0.5	1.8	0.5	0.6	2.1	0.7	0.6	2.2	0.7	0.7	2.2	0.8	0.8
		15				2.0	0.5	0.6	2.2	0.6	0.6	2.5	0.7	0.7	2.6	0.8	0.7	2.7	0.8	0.9	
		21			12	2.0	1.1	0.6	2.1	1.3	0.6	2.5	1.6	0.7	2.6	1.7	0.8	2.7	1.9	0.9	
					15	2.1	0.9	0.6	2.2	1.0	0.7	2.6	1.3	0.7	2.7	1.4	0.8	2.8	1.5	0.9	
19	2.4				0.7	0.6	2.6	0.8	0.7	3.0	1.0	0.7	3.1	1.1	0.8	3.2	1.2	1.0			
24	16	2.2			1.1	0.6	2.3	1.3	0.7	2.7	1.6	0.7	2.8	1.8	0.8	2.9	1.9	0.9			
	19	2.4			1.1	0.7	2.6	1.3	0.7	3.0	1.5	0.8	3.2	1.7	0.9	3.3	1.8	1.0			
	23	2.4			0.5	0.7	2.6	0.6	0.7	3.0	0.7	0.8	3.1	0.8	0.9	3.2	0.9	1.0			
27	16	2.2			1.4	0.6	2.4	1.6	0.7	2.8	2.0	0.7	2.9	2.2	0.8	3.0	2.4	1.0			
	19	2.5			1.4	0.7	2.7	1.6	0.7	3.1	2.0	0.8	3.2	2.2	0.9	3.3	2.4	1.0			
	23	2.6			1.0	0.7	2.8	1.1	0.7	3.3	1.3	0.8	3.4	1.5	0.9	3.5	1.6	1.0			
29	19	2.5			1.5	0.7	2.7	1.7	0.7	3.2	2.1	0.8	3.3	2.3	0.9	3.4	2.5	1.0			
	16	2.4			1.6	0.6	2.5	1.8	0.7	2.9	2.2	0.7	3.1	2.4	0.8	3.2	2.7	1.0			
	19	2.6			1.6	0.7	2.7	1.8	0.7	3.2	2.3	0.8	3.3	2.5	0.9	3.4	2.7	1.0			
30	23	2.7			1.3	0.7	2.9	1.5	0.7	3.4	1.8	0.8	3.5	2.0	0.9	3.6	2.2	1.1			
	16	2.5			1.7	0.7	2.7	2.0	0.7	3.1	2.4	0.8	3.2	2.6	0.9	3.3	2.9	1.0			
	19	2.6			1.8	0.7	2.8	2.1	0.7	3.3	2.5	0.8	3.4	2.8	0.9	3.5	3.0	1.0			
32	23	2.8			1.7	0.7	3.0	1.9	0.7	3.5	2.3	0.8	3.6	2.6	0.9	3.7	2.8	1.1			
	Low	350			18	9	1.5	0.7	0.5	1.6	0.8	0.5	1.9	0.9	0.6	2.0	1.0	0.6	2.0	1.1	0.7
						12	1.6	0.4	0.5	1.7	0.5	0.5	2.0	0.6	0.6	2.1	0.7	0.7	2.1	0.7	0.8
15						1.9	0.4	0.6	2.0	0.5	0.6	2.4	0.6	0.6	2.5	0.7	0.7	2.6	0.7	0.9	
21					12	1.9	1.0	0.6	2.0	1.1	0.6	2.4	1.4	0.7	2.5	1.5	0.8	2.5	1.7	0.9	
					15	2.0	0.8	0.6	2.1	0.9	0.6	2.4	1.2	0.7	2.5	1.3	0.8	2.6	1.4	0.9	
			19	2.3	0.7	0.6	2.4	0.7	0.7	2.8	0.9	0.7	2.9	1.0	0.8	3.0	1.1	1.0			
24			16	2.0	1.0	0.6	2.2	1.2	0.6	2.5	1.4	0.7	2.6	1.6	0.8	2.7	1.7	0.9			
			19	2.3	1.0	0.6	2.5	1.1	0.7	2.9	1.4	0.7	3.0	1.5	0.8	3.1	1.7	1.0			
			23	2.3	0.5	0.7	2.4	0.5	0.7	2.8	0.7	0.8	2.9	0.7	0.9	3.0	0.8	1.0			
27			16	2.1	1.3	0.6	2.3	1.5	0.7	2.6	1.8	0.7	2.8	2.0	0.8	2.8	2.2	1.0			
			19	2.4	1.3	0.7	2.5	1.5	0.7	2.9	1.8	0.8	3.1	2.0	0.9	3.2	2.1	1.0			
			23	2.5	0.9	0.7	2.7	1.0	0.7	3.1	1.2	0.8	3.3	1.3	0.9	3.4	1.5	1.0			
29			19	2.4	1.4	0.7	2.6	1.6	0.7	3.0	1.9	0.8	3.1	2.1	0.9	3.2	2.3	1.0			
			16	2.2	1.4	0.6	2.4	1.6	0.7	2.8	2.0	0.7	2.9	2.2	0.8	3.0	2.4	1.0			
			19	2.4	1.5	0.7	2.6	1.7	0.7	3.0	2.0	0.8	3.2	2.3	0.9	3.3	2.4	1.0			
30			23	2.6	1.2	0.7	2.7	1.4	0.7	3.2	1.7	0.8	3.3	1.8	0.9	3.4	2.0	1.0			
			16	2.4	1.6	0.7	2.5	1.8	0.7	2.9	2.2	0.8	3.1	2.4	0.9	3.2	2.6	1.0			
			19	2.5	1.6	0.7	2.7	1.9	0.7	3.1	2.3	0.8	3.3	2.5	0.9	3.4	2.7	1.0			
32			23	2.8	1.6	0.7	3.0	1.8	0.7	3.5	2.2	0.8	3.6	2.5	0.9	3.7	2.7	1.1			

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)													
				39			43			46			48				
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	550	18	9	2.2	1.3	0.8	1.8	1.1	0.7	1.7	1.1	0.6	1.5	1.0	0.7		
			12	2.2	0.9	0.9	1.8	0.7	0.7	1.7	0.7	0.7	1.6	0.7	0.7		
			15	2.7	0.9	1.0	2.2	0.7	0.8	2.1	0.7	0.7	1.9	0.7	0.8		
		21	12	2.7	2.0	1.0	2.2	1.7	0.8	2.1	1.6	0.8	1.9	1.5	0.8		
			15	2.8	1.6	1.0	2.2	1.4	0.8	2.1	1.3	0.8	2.0	1.2	0.8		
			19	3.2	1.3	1.1	2.6	1.1	0.9	2.4	1.0	0.9	2.3	1.0	0.9		
		24	16	2.9	2.1	1.0	2.3	1.7	0.8	2.2	1.6	0.8	2.1	1.6	0.8		
			19	3.3	2.0	1.1	2.7	1.7	0.9	2.5	1.6	0.9	2.3	1.5	0.9		
			23	3.2	0.9	1.2	2.6	0.8	1.0	2.4	0.8	0.9	2.3	0.7	0.9		
		27	16	3.0	2.6	1.1	2.4	2.1	0.9	2.3	2.1	0.8	2.1	2.0	0.9		
			19	3.3	2.6	1.1	2.7	2.1	0.9	2.6	2.0	0.9	2.4	1.9	0.9		
			23	3.5	1.7	1.1	2.9	1.4	0.9	2.7	1.4	0.9	2.5	1.3	0.9		
		29	19	3.4	2.7	1.1	2.8	2.3	0.9	2.6	2.2	0.9	2.4	2.1	0.9		
			16	3.2	2.9	1.1	2.6	2.4	0.9	2.4	2.3	0.9	2.3	2.2	0.9		
			19	3.4	2.9	1.1	2.8	2.4	0.9	2.6	2.3	0.9	2.5	2.2	0.9		
		30	23	3.6	2.4	1.2	2.9	2.0	1.0	2.8	1.9	0.9	2.6	1.8	0.9		
			16	3.3	3.1	1.1	2.7	2.6	0.9	2.5	2.5	0.9	2.4	2.4	0.9		
			19	3.5	3.3	1.1	2.9	2.7	0.9	2.7	2.6	0.9	2.5	2.5	0.9		
		32	23	3.6	3.0	1.2	3.0	2.5	1.0	2.8	2.4	0.9	2.6	2.3	0.9		
			9	2.1	1.2	0.8	1.7	1.0	0.7	1.6	1.0	0.6	1.5	0.9	0.7		
			12	2.2	0.8	0.9	1.8	0.7	0.7	1.7	0.6	0.7	1.6	0.6	0.7		
		Medium	450	18	12	2.2	0.8	0.9	1.8	0.7	0.7	1.7	0.6	0.7	1.6	0.6	0.7
					15	2.6	0.8	0.9	2.2	0.7	0.8	2.0	0.6	0.7	1.9	0.6	0.8
					12	2.6	1.8	1.0	2.1	1.5	0.8	2.0	1.5	0.8	1.9	1.4	0.8
21	15			2.7	1.5	1.0	2.2	1.2	0.8	2.1	1.2	0.8	1.9	1.1	0.8		
	19			3.1	1.2	1.1	2.6	1.0	0.9	2.4	0.9	0.8	2.2	0.9	0.9		
	16			2.8	1.9	1.0	2.3	1.6	0.8	2.2	1.5	0.8	2.0	1.4	0.8		
24	19			3.2	1.8	1.1	2.6	1.5	0.9	2.4	1.5	0.9	2.3	1.4	0.9		
	23			3.1	0.9	1.1	2.6	0.7	0.9	2.4	0.7	0.9	2.2	0.7	0.9		
	16			2.9	2.3	1.1	2.4	2.0	0.9	2.2	1.9	0.8	2.1	1.8	0.9		
27	19			3.3	2.3	1.1	2.7	1.9	0.9	2.5	1.9	0.9	2.3	1.8	0.9		
	23			3.5	1.6	1.1	2.8	1.3	0.9	2.6	1.3	0.9	2.5	1.2	0.9		
	19			3.3	2.5	1.1	2.7	2.1	0.9	2.5	2.0	0.9	2.4	1.9	0.9		
30	16			3.1	2.6	1.1	2.5	2.2	0.9	2.4	2.1	0.8	2.2	2.0	0.9		
	19			3.4	2.7	1.1	2.7	2.2	0.9	2.6	2.1	0.9	2.4	2.0	0.9		
	23			3.5	2.2	1.1	2.9	1.8	0.9	2.7	1.7	0.9	2.5	1.7	0.9		
32	16			3.3	2.8	1.1	2.7	2.4	0.9	2.5	2.3	0.9	2.3	2.1	0.9		
	19			3.5	3.0	1.1	2.8	2.5	0.9	2.6	2.4	0.9	2.5	2.3	0.9		
	23			3.6	2.8	1.2	3.0	2.3	1.0	2.8	2.2	0.9	2.6	2.1	0.9		
Low	350			18	9	2.0	1.1	0.8	1.6	0.9	0.7	1.5	0.9	0.6	1.4	0.8	0.6
					12	2.1	0.7	0.9	1.7	0.6	0.7	1.6	0.6	0.7	1.5	0.5	0.7
					15	2.5	0.7	0.9	2.0	0.6	0.8	1.9	0.6	0.7	1.8	0.6	0.7
				21	12	2.5	1.7	1.0	2.0	1.4	0.8	1.9	1.3	0.8	1.8	1.3	0.8
					15	2.6	1.4	1.0	2.1	1.1	0.8	2.0	1.1	0.8	1.8	1.0	0.8
					19	3.0	1.1	1.1	2.4	0.9	0.9	2.3	0.9	0.8	2.1	0.8	0.9
		24	16	2.7	1.7	1.0	2.2	1.4	0.8	2.0	1.4	0.8	1.9	1.3	0.8		
			19	3.0	1.7	1.1	2.5	1.4	0.9	2.3	1.3	0.8	2.2	1.3	0.9		
			23	3.0	0.8	1.1	2.4	0.6	0.9	2.3	0.6	0.9	2.1	0.6	0.9		
		27	16	2.8	2.1	1.1	2.3	1.8	0.9	2.1	1.7	0.8	2.0	1.6	0.9		
			19	3.1	2.1	1.1	2.5	1.8	0.9	2.4	1.7	0.9	2.2	1.6	0.9		
			23	3.3	1.4	1.1	2.7	1.2	0.9	2.5	1.1	0.9	2.3	1.1	0.9		
		29	19	3.2	2.3	1.1	2.6	1.9	0.9	2.4	1.8	0.9	2.3	1.7	0.9		
			16	2.9	2.4	1.1	2.4	2.0	0.9	2.2	1.9	0.8	2.1	1.8	0.9		
			19	3.2	2.4	1.1	2.6	2.0	0.9	2.4	1.9	0.9	2.3	1.8	0.9		
		30	23	3.4	2.0	1.1	2.7	1.7	0.9	2.6	1.6	0.9	2.4	1.5	0.9		
			16	3.1	2.6	1.1	2.5	2.1	0.9	2.4	2.1	0.9	2.2	2.0	0.9		
			19	3.3	2.7	1.1	2.7	2.3	0.9	2.5	2.2	0.9	2.3	2.1	0.9		
		32	23	3.6	2.6	1.2	3.0	2.2	1.0	2.8	2.1	0.9	2.6	2.0	0.9		

Outdoor Unit:GUHD18NK3CO Indoor Unit:GKH18K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																
				18			21			25			30			35				
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1180	18	9	2.6	1.3	0.8	2.7	1.4	0.9	3.2	1.7	0.9	3.3	1.9	1.0	3.4	2.1	1.2		
			12	2.7	0.8	0.8	2.9	0.9	0.9	3.3	1.1	1.0	3.5	1.3	1.1	3.6	1.4	1.3		
			15	3.2	0.8	0.9	3.4	1.0	1.0	4.0	1.2	1.1	4.2	1.3	1.2	4.3	1.4	1.4		
		21	12	3.2	1.9	1.0	3.4	2.2	1.0	4.0	2.7	1.1	4.1	2.9	1.3	4.3	3.2	1.5		
			15	3.3	1.6	1.0	3.5	1.8	1.1	4.1	2.2	1.1	4.2	2.4	1.3	4.4	2.6	1.5		
			19	3.8	1.2	1.1	4.1	1.4	1.1	4.7	1.7	1.2	4.9	1.9	1.4	5.1	2.0	1.6		
		24	16	3.4	2.0	1.0	3.7	2.2	1.1	4.3	2.7	1.1	4.4	3.0	1.3	4.6	3.3	1.5		
			19	3.9	1.9	1.1	4.2	2.1	1.1	4.8	2.6	1.2	5.0	2.9	1.4	5.2	3.2	1.6		
			23	3.8	0.9	1.1	4.1	1.0	1.2	4.7	1.2	1.3	4.9	1.4	1.4	5.1	1.5	1.7		
		27	16	3.6	2.4	1.0	3.8	2.8	1.1	4.4	3.4	1.2	4.6	3.7	1.4	4.8	4.1	1.6		
			19	4.0	2.4	1.1	4.2	2.7	1.2	4.9	3.4	1.2	5.1	3.7	1.4	5.3	4.0	1.7		
			23	4.2	1.6	1.1	4.5	1.9	1.2	5.2	2.3	1.3	5.4	2.5	1.4	5.6	2.7	1.7		
		29	19	4.1	2.6	1.1	4.3	2.9	1.2	5.0	3.6	1.2	5.2	4.0	1.4	5.4	4.3	1.7		
			30	16	3.8	2.7	1.1	4.0	3.1	1.1	4.7	3.8	1.2	4.9	4.2	1.4	5.0	4.5	1.6	
				19	4.1	2.8	1.1	4.4	3.1	1.2	5.1	3.9	1.2	5.3	4.2	1.4	5.5	4.6	1.7	
		23		4.3	2.3	1.1	4.6	2.6	1.2	5.3	3.2	1.3	5.6	3.5	1.4	5.7	3.8	1.7		
		32	16	4.0	2.9	1.1	4.2	3.3	1.2	4.9	4.1	1.2	5.1	4.5	1.4	5.3	4.9	1.6		
			19	4.2	3.1	1.1	4.5	3.5	1.2	5.2	4.3	1.3	5.4	4.8	1.4	5.6	5.2	1.7		
			23	4.3	2.8	1.1	4.6	3.2	1.2	5.4	3.9	1.3	5.6	4.3	1.4	5.8	4.7	1.7		
		Medium	1080	18	9	2.5	1.1	0.8	2.7	1.3	0.8	3.1	1.6	0.9	3.3	1.8	1.0	3.4	1.9	1.2
					12	2.6	0.7	0.8	2.8	0.8	0.9	3.2	1.0	0.9	3.4	1.1	1.1	3.5	1.2	1.3
					15	3.2	0.8	0.9	3.4	0.9	1.0	3.9	1.1	1.0	4.1	1.2	1.2	4.2	1.3	1.4
				21	12	3.1	1.7	0.9	3.4	2.0	1.0	3.9	2.4	1.1	4.1	2.7	1.2	4.2	2.9	1.5
					15	3.2	1.4	1.0	3.4	1.6	1.0	4.0	2.0	1.1	4.2	2.2	1.3	4.3	2.4	1.5
19	3.7				1.1	1.0	4.0	1.3	1.1	4.6	1.6	1.2	4.8	1.7	1.4	5.0	1.9	1.6		
24	16			3.4	1.8	1.0	3.6	2.0	1.0	4.2	2.5	1.1	4.3	2.7	1.3	4.5	3.0	1.5		
	19			3.8	1.7	1.1	4.1	2.0	1.1	4.7	2.4	1.2	4.9	2.7	1.4	5.1	2.9	1.6		
	23			3.7	0.8	1.1	4.0	0.9	1.2	4.6	1.1	1.3	4.8	1.2	1.4	5.0	1.4	1.7		
27	16			3.5	2.2	1.0	3.7	2.5	1.1	4.3	3.1	1.2	4.5	3.4	1.3	4.7	3.7	1.6		
	19			3.9	2.2	1.1	4.2	2.5	1.1	4.8	3.1	1.2	5.0	3.4	1.4	5.2	3.7	1.6		
	23			4.1	1.5	1.1	4.4	1.7	1.2	5.1	2.1	1.2	5.3	2.3	1.4	5.5	2.5	1.7		
29	19			4.0	2.4	1.1	4.2	2.7	1.2	4.9	3.3	1.2	5.1	3.6	1.4	5.3	3.9	1.6		
	30			16	3.7	2.5	1.0	3.9	2.8	1.1	4.6	3.5	1.2	4.8	3.8	1.4	4.9	4.1	1.6	
				19	4.0	2.5	1.1	4.3	2.9	1.2	5.0	3.5	1.2	5.2	3.9	1.4	5.3	4.2	1.6	
23				4.2	2.1	1.1	4.5	2.3	1.2	5.2	2.9	1.3	5.4	3.2	1.4	5.6	3.4	1.7		
32	16			3.9	2.7	1.1	4.1	3.0	1.1	4.8	3.7	1.2	5.0	4.1	1.4	5.2	4.5	1.6		
	19			4.1	2.8	1.1	4.4	3.2	1.2	5.1	3.9	1.2	5.3	4.3	1.4	5.5	4.7	1.7		
	23			4.3	2.6	1.1	4.6	3.0	1.2	5.4	3.6	1.3	5.6	4.0	1.4	5.8	4.4	1.7		
Low	1000			18	9	2.4	1.0	0.8	2.6	1.2	0.8	3.0	1.4	0.9	3.1	1.6	1.0	3.2	1.7	1.2
					12	2.5	0.7	0.8	2.7	0.8	0.9	3.1	0.9	0.9	3.2	1.0	1.1	3.3	1.1	1.3
					15	3.0	0.7	0.9	3.2	0.8	1.0	3.7	1.0	1.0	3.9	1.1	1.2	4.0	1.2	1.4
				21	12	3.0	1.6	0.9	3.2	1.8	1.0	3.7	2.2	1.1	3.9	2.4	1.2	4.0	2.6	1.4
					15	3.1	1.3	1.0	3.3	1.5	1.0	3.8	1.8	1.1	3.9	2.0	1.3	4.1	2.1	1.5
		19	3.5		1.0	1.0	3.8	1.2	1.1	4.4	1.4	1.2	4.6	1.6	1.3	4.7	1.7	1.6		
		24	16	3.2	1.6	1.0	3.4	1.8	1.0	4.0	2.3	1.1	4.1	2.5	1.3	4.3	2.7	1.5		
			19	3.6	1.6	1.0	3.9	1.8	1.1	4.5	2.2	1.2	4.7	2.4	1.4	4.8	2.6	1.6		
			23	3.6	0.7	1.1	3.8	0.8	1.2	4.4	1.0	1.2	4.6	1.1	1.4	4.7	1.2	1.7		
		27	16	3.3	2.0	1.0	3.5	2.3	1.1	4.1	2.8	1.2	4.3	3.1	1.3	4.4	3.4	1.6		
			19	3.7	2.0	1.1	3.9	2.3	1.1	4.6	2.8	1.2	4.8	3.1	1.4	4.9	3.3	1.6		
			23	3.9	1.4	1.1	4.2	1.5	1.2	4.9	1.9	1.2	5.1	2.1	1.4	5.2	2.3	1.6		
		29	19	3.8	2.1	1.1	4.0	2.4	1.1	4.7	3.0	1.2	4.9	3.3	1.4	5.0	3.6	1.6		
			30	16	3.5	2.3	1.0	3.7	2.6	1.1	4.3	3.1	1.2	4.5	3.5	1.3	4.7	3.8	1.6	
				19	3.8	2.3	1.1	4.1	2.6	1.1	4.7	3.2	1.2	4.9	3.5	1.4	5.1	3.8	1.6	
		23		4.0	1.9	1.1	4.3	2.1	1.2	5.0	2.6	1.2	5.2	2.9	1.4	5.3	3.1	1.7		
		32	16	3.7	2.4	1.1	3.9	2.8	1.1	4.6	3.4	1.2	4.8	3.7	1.4	4.9	4.1	1.6		
			19	3.9	2.6	1.1	4.2	2.9	1.2	4.9	3.6	1.2	5.1	3.9	1.4	5.2	4.3	1.6		
			23	4.3	2.5	1.1	4.6	2.8	1.2	5.4	3.5	1.3	5.6	3.8	1.4	5.8	4.2	1.7		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)													
				39			43			46			48				
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1180	18	9	3.4	2.1	1.3	2.7	1.7	1.1	2.6	1.6	1.0	2.4	1.6	1.1		
			12	3.5	1.3	1.4	2.9	1.1	1.1	2.7	1.1	1.1	2.5	1.0	1.1		
			15	4.2	1.4	1.5	3.4	1.2	1.3	3.2	1.1	1.2	3.0	1.1	1.2		
		21	12	4.2	3.1	1.6	3.4	2.6	1.3	3.2	2.5	1.3	3.0	2.4	1.3		
			15	4.3	2.6	1.6	3.5	2.1	1.4	3.3	2.0	1.3	3.1	1.9	1.3		
			19	5.0	2.0	1.8	4.1	1.7	1.5	3.8	1.6	1.4	3.6	1.5	1.4		
		24	16	4.5	3.2	1.6	3.7	2.7	1.4	3.4	2.6	1.3	3.2	2.4	1.3		
			19	5.1	3.1	1.8	4.2	2.6	1.5	3.9	2.5	1.4	3.6	2.4	1.4		
			23	5.0	1.5	1.9	4.1	1.2	1.5	3.8	1.2	1.4	3.6	1.1	1.5		
		27	16	4.7	4.0	1.7	3.8	3.3	1.4	3.6	3.2	1.4	3.3	3.0	1.4		
			19	5.2	4.0	1.8	4.2	3.3	1.5	4.0	3.2	1.4	3.7	3.0	1.4		
			23	5.5	2.7	1.8	4.5	2.3	1.5	4.2	2.2	1.4	3.9	2.0	1.5		
		29	19	5.3	4.3	1.8	4.3	3.6	1.5	4.1	3.4	1.4	3.8	3.2	1.4		
			30	16	4.9	4.5	1.8	4.0	3.7	1.5	3.8	3.6	1.4	3.5	3.4	1.4	
				19	5.3	4.6	1.8	4.4	3.8	1.5	4.1	3.6	1.4	3.8	3.4	1.4	
		23		5.6	3.7	1.9	4.6	3.1	1.5	4.3	3.0	1.4	4.0	2.8	1.5		
		32	16	5.2	4.9	1.8	4.2	4.0	1.5	4.0	3.9	1.4	3.7	3.7	1.4		
			19	5.5	5.1	1.8	4.5	4.3	1.5	4.2	4.1	1.4	3.9	3.9	1.5		
			23	5.7	4.6	1.9	4.6	3.9	1.5	4.3	3.7	1.4	4.1	3.5	1.5		
		Medium	1080	18	9	3.3	1.9	1.3	2.7	1.6	1.1	2.5	1.5	1.0	2.4	1.4	1.1
					12	3.4	1.2	1.4	2.8	1.0	1.1	2.6	1.0	1.1	2.4	0.9	1.1
					15	4.1	1.3	1.5	3.4	1.1	1.2	3.2	1.0	1.2	2.9	1.0	1.2
				21	12	4.1	2.9	1.6	3.4	2.4	1.3	3.1	2.3	1.2	2.9	2.2	1.3
					15	4.2	2.3	1.6	3.4	1.9	1.3	3.2	1.9	1.3	3.0	1.8	1.3
19	4.9				1.8	1.7	4.0	1.5	1.4	3.7	1.5	1.4	3.5	1.4	1.4		
24	16			4.4	2.9	1.6	3.6	2.4	1.3	3.4	2.3	1.3	3.1	2.2	1.3		
	19			5.0	2.8	1.8	4.1	2.4	1.5	3.8	2.3	1.4	3.6	2.2	1.4		
	23			4.9	1.3	1.8	4.0	1.1	1.5	3.7	1.1	1.4	3.5	1.0	1.5		
27	16			4.6	3.7	1.7	3.7	3.0	1.4	3.5	2.9	1.3	3.3	2.8	1.4		
	19			5.1	3.6	1.8	4.2	3.0	1.5	3.9	2.9	1.4	3.6	2.7	1.4		
	23			5.4	2.5	1.8	4.4	2.1	1.5	4.1	2.0	1.4	3.9	1.9	1.4		
29	19			5.2	3.9	1.8	4.2	3.2	1.5	4.0	3.1	1.4	3.7	2.9	1.4		
	30			16	4.8	4.1	1.7	3.9	3.4	1.4	3.7	3.3	1.4	3.4	3.1	1.4	
				19	5.2	4.2	1.8	4.3	3.5	1.5	4.0	3.3	1.4	3.7	3.1	1.4	
23				5.5	3.4	1.8	4.5	2.8	1.5	4.2	2.7	1.4	3.9	2.6	1.5		
32	16			5.1	4.4	1.8	4.1	3.7	1.5	3.9	3.5	1.4	3.6	3.3	1.4		
	19			5.4	4.7	1.8	4.4	3.9	1.5	4.1	3.7	1.4	3.9	3.5	1.4		
	23			5.7	4.3	1.9	4.6	3.6	1.5	4.3	3.4	1.4	4.1	3.3	1.5		
Low	1000			18	9	3.1	1.7	1.3	2.6	1.4	1.1	2.4	1.4	1.0	2.2	1.3	1.0
					12	3.2	1.1	1.4	2.7	0.9	1.1	2.5	0.9	1.1	2.3	0.8	1.1
					15	3.9	1.1	1.5	3.2	1.0	1.2	3.0	0.9	1.2	2.8	0.9	1.2
				21	12	3.9	2.6	1.6	3.2	2.2	1.3	3.0	2.1	1.2	2.8	2.0	1.3
					15	4.0	2.1	1.6	3.3	1.8	1.3	3.1	1.7	1.3	2.8	1.6	1.3
		19	4.6		1.7	1.7	3.8	1.4	1.4	3.5	1.3	1.3	3.3	1.3	1.4		
		24	16	4.2	2.7	1.6	3.4	2.2	1.3	3.2	2.1	1.3	3.0	2.0	1.3		
			19	4.7	2.6	1.7	3.9	2.2	1.4	3.6	2.1	1.4	3.4	2.0	1.4		
			23	4.6	1.2	1.8	3.8	1.0	1.5	3.6	1.0	1.4	3.3	0.9	1.4		
		27	16	4.3	3.3	1.7	3.5	2.8	1.4	3.3	2.6	1.3	3.1	2.5	1.4		
			19	4.8	3.3	1.8	3.9	2.7	1.5	3.7	2.6	1.4	3.5	2.5	1.4		
			23	5.1	2.2	1.8	4.2	1.9	1.5	3.9	1.8	1.4	3.7	1.7	1.4		
		29	19	4.9	3.5	1.8	4.0	2.9	1.5	3.8	2.8	1.4	3.5	2.7	1.4		
			30	16	4.6	3.7	1.7	3.7	3.1	1.4	3.5	3.0	1.3	3.3	2.8	1.4	
				19	5.0	3.8	1.8	4.1	3.1	1.5	3.8	3.0	1.4	3.6	2.9	1.4	
		23		5.2	3.1	1.8	4.3	2.6	1.5	4.0	2.5	1.4	3.7	2.3	1.4		
		32	16	4.8	4.0	1.8	3.9	3.3	1.5	3.7	3.2	1.4	3.4	3.0	1.4		
			19	5.1	4.2	1.8	4.2	3.5	1.5	3.9	3.4	1.4	3.7	3.2	1.4		
			23	5.7	4.1	1.9	4.6	3.4	1.5	4.3	3.3	1.4	4.1	3.1	1.5		

Outdoor Unit:GUHD24NK3CO Indoor Unit:GKH24K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																
		DB(°C)	WB(°C)	18			21			25			30			35				
				TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1400	18	9	3.4	1.7	1.1	3.6	1.9	1.1	4.2	2.3	1.2	4.4	2.5	1.4	4.5	2.8	1.6		
			12	3.5	1.1	1.1	3.8	1.2	1.2	4.4	1.5	1.3	4.6	1.7	1.4	4.7	1.8	1.7		
			15	4.3	1.1	1.2	4.5	1.3	1.3	5.3	1.6	1.4	5.5	1.7	1.6	5.7	1.9	1.9		
		21	12	4.2	2.5	1.3	4.5	2.8	1.4	5.2	3.5	1.5	5.5	3.9	1.7	5.6	4.2	2.0		
			15	4.3	2.1	1.3	4.6	2.3	1.4	5.4	2.9	1.5	5.6	3.2	1.7	5.8	3.4	2.0		
			19	5.0	1.6	1.4	5.4	1.8	1.5	6.2	2.3	1.6	6.5	2.5	1.8	6.7	2.7	2.2		
		24	16	4.5	2.6	1.3	4.8	2.9	1.4	5.6	3.6	1.5	5.9	4.0	1.7	6.0	4.3	2.0		
			19	5.1	2.5	1.4	5.5	2.8	1.5	6.4	3.5	1.6	6.7	3.8	1.9	6.9	4.2	2.2		
			23	5.0	1.2	1.5	5.4	1.3	1.6	6.3	1.6	1.7	6.5	1.8	1.9	6.7	2.0	2.3		
		27	16	4.7	3.2	1.4	5.0	3.6	1.5	5.9	4.5	1.6	6.1	4.9	1.8	6.3	5.4	2.1		
			19	5.3	3.2	1.4	5.6	3.6	1.5	6.5	4.5	1.7	6.8	4.9	1.9	7.0	5.3	2.2		
			23	5.6	2.2	1.5	5.9	2.5	1.6	6.9	3.0	1.7	7.2	3.3	1.9	7.4	3.6	2.2		
		29	19	5.4	3.4	1.4	5.7	3.9	1.6	6.6	4.8	1.7	6.9	5.3	1.9	7.1	5.7	2.2		
			30	16	5.0	3.6	1.4	5.3	4.1	1.5	6.2	5.0	1.6	6.4	5.5	1.8	6.6	6.0	2.2	
				19	5.4	3.6	1.4	5.8	4.1	1.6	6.7	5.1	1.7	7.0	5.6	1.9	7.2	6.1	2.2	
		23		5.7	3.0	1.5	6.1	3.4	1.6	7.0	4.2	1.7	7.3	4.6	1.9	7.6	5.0	2.3		
		32	16	5.2	3.9	1.4	5.6	4.4	1.5	6.5	5.4	1.6	6.8	6.0	1.9	7.0	6.5	2.2		
			19	5.6	4.1	1.5	5.9	4.6	1.6	6.9	5.7	1.7	7.2	6.3	1.9	7.4	6.8	2.2		
			23	5.7	3.7	1.5	6.1	4.2	1.6	7.1	5.2	1.7	7.4	5.7	1.9	7.6	6.2	2.3		
		Medium	1270	18	9	3.3	1.5	1.0	3.6	1.7	1.1	4.1	2.1	1.2	4.3	2.3	1.4	4.4	2.5	1.6
					12	3.5	1.0	1.1	3.7	1.1	1.2	4.3	1.4	1.3	4.5	1.5	1.4	4.6	1.6	1.7
					15	4.2	1.0	1.2	4.4	1.1	1.3	5.2	1.4	1.4	5.4	1.6	1.6	5.6	1.7	1.9
				21	12	4.1	2.3	1.3	4.4	2.6	1.4	5.1	3.2	1.5	5.4	3.5	1.7	5.5	3.8	1.9
					15	4.2	1.9	1.3	4.5	2.1	1.4	5.3	2.6	1.5	5.5	2.9	1.7	5.7	3.1	2.0
19	4.9				1.5	1.4	5.3	1.7	1.5	6.1	2.1	1.6	6.4	2.3	1.8	6.6	2.5	2.1		
24	16			4.4	2.3	1.3	4.7	2.7	1.4	5.5	3.3	1.5	5.7	3.6	1.7	5.9	3.9	2.0		
	19			5.0	2.3	1.4	5.4	2.6	1.5	6.3	3.2	1.6	6.5	3.5	1.8	6.7	3.8	2.2		
	23			4.9	1.1	1.5	5.3	1.2	1.6	6.1	1.5	1.7	6.4	1.6	1.9	6.6	1.8	2.2		
27	16			4.6	2.9	1.4	4.9	3.3	1.5	5.7	4.1	1.6	6.0	4.5	1.8	6.2	4.9	2.1		
	19			5.1	2.9	1.4	5.5	3.3	1.5	6.4	4.1	1.6	6.7	4.5	1.9	6.9	4.8	2.2		
	23			5.5	2.0	1.4	5.8	2.2	1.6	6.8	2.8	1.7	7.1	3.0	1.9	7.3	3.3	2.2		
29	19			5.2	3.1	1.4	5.6	3.5	1.5	6.5	4.3	1.6	6.8	4.8	1.9	7.0	5.2	2.2		
	30			16	4.9	3.3	1.4	5.2	3.7	1.5	6.0	4.6	1.6	6.3	5.0	1.8	6.5	5.5	2.1	
				19	5.3	3.3	1.4	5.7	3.8	1.5	6.6	4.6	1.6	6.9	5.1	1.9	7.1	5.5	2.2	
23				5.6	2.7	1.5	5.9	3.1	1.6	6.9	3.8	1.7	7.2	4.2	1.9	7.4	4.5	2.2		
32	16			5.1	3.5	1.4	5.5	4.0	1.5	6.4	4.9	1.6	6.6	5.4	1.9	6.8	5.9	2.2		
	19			5.5	3.7	1.4	5.8	4.2	1.6	6.8	5.2	1.7	7.1	5.7	1.9	7.3	6.2	2.2		
	23			5.7	3.5	1.5	6.1	3.9	1.6	7.1	4.8	1.7	7.4	5.3	1.9	7.6	5.8	2.3		
Low	1170			18	9	3.2	1.4	1.0	3.4	1.6	1.1	3.9	1.9	1.2	4.1	2.1	1.4	4.2	2.3	1.6
					12	3.3	0.9	1.1	3.5	1.0	1.2	4.1	1.2	1.3	4.2	1.4	1.4	4.4	1.5	1.7
					15	4.0	0.9	1.2	4.2	1.0	1.3	4.9	1.3	1.4	5.1	1.4	1.6	5.3	1.5	1.8
				21	12	3.9	2.1	1.2	4.2	2.4	1.3	4.9	2.9	1.4	5.1	3.2	1.6	5.2	3.5	1.9
					15	4.0	1.7	1.3	4.3	1.9	1.4	5.0	2.4	1.5	5.2	2.6	1.7	5.4	2.8	2.0
		19	4.7		1.3	1.4	5.0	1.5	1.5	5.8	1.9	1.6	6.1	2.1	1.8	6.2	2.2	2.1		
		24	16	4.2	2.1	1.3	4.5	2.4	1.4	5.2	3.0	1.5	5.4	3.3	1.7	5.6	3.6	2.0		
			19	4.8	2.1	1.4	5.1	2.3	1.5	5.9	2.9	1.6	6.2	3.2	1.8	6.4	3.5	2.1		
			23	4.7	1.0	1.4	5.0	1.1	1.6	5.8	1.4	1.7	6.1	1.5	1.9	6.3	1.6	2.2		
		27	16	4.4	2.7	1.4	4.7	3.0	1.5	5.4	3.7	1.6	5.7	4.1	1.8	5.9	4.4	2.1		
			19	4.9	2.6	1.4	5.2	3.0	1.5	6.1	3.7	1.6	6.3	4.1	1.8	6.5	4.4	2.2		
			23	5.2	1.8	1.4	5.5	2.0	1.5	6.4	2.5	1.6	6.7	2.8	1.9	6.9	3.0	2.2		
		29	19	5.0	2.8	1.4	5.3	3.2	1.5	6.2	3.9	1.6	6.4	4.3	1.9	6.6	4.7	2.2		
			30	16	4.6	3.0	1.4	4.9	3.4	1.5	5.7	4.1	1.6	6.0	4.6	1.8	6.2	5.0	2.1	
				19	5.0	3.0	1.4	5.4	3.4	1.5	6.2	4.2	1.6	6.5	4.6	1.9	6.7	5.0	2.2	
		23		5.3	2.5	1.4	5.6	2.8	1.6	6.5	3.5	1.7	6.8	3.8	1.9	7.0	4.1	2.2		
		32	16	4.9	3.2	1.4	5.2	3.6	1.5	6.0	4.5	1.6	6.3	4.9	1.8	6.5	5.4	2.2		
			19	5.2	3.4	1.4	5.5	3.8	1.5	6.4	4.7	1.6	6.7	5.2	1.9	6.9	5.6	2.2		
			23	5.7	3.3	1.5	6.1	3.7	1.6	7.1	4.6	1.7	7.4	5.1	1.9	7.6	5.5	2.3		

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Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)												
				39			43			46			48			
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	1400	18	9	4.4	2.7	1.8	3.6	2.3	1.5	3.4	2.2	1.4	3.2	2.1	1.4	
			12	4.6	1.8	1.9	3.8	1.5	1.5	3.5	1.4	1.4	3.3	1.3	1.5	
			15	5.6	1.8	2.0	4.5	1.5	1.7	4.3	1.5	1.6	4.0	1.4	1.6	
		21	12	5.5	4.1	2.1	4.5	3.4	1.8	4.2	3.3	1.7	4.0	3.1	1.7	
			15	5.7	3.4	2.2	4.6	2.8	1.8	4.3	2.7	1.7	4.0	2.6	1.7	
			19	6.6	2.7	2.4	5.4	2.2	1.9	5.0	2.1	1.8	4.7	2.0	1.9	
		24	16	5.9	4.3	2.2	4.8	3.5	1.8	4.5	3.4	1.7	4.2	3.2	1.7	
			19	6.7	4.1	2.4	5.5	3.4	2.0	5.1	3.3	1.9	4.8	3.1	1.9	
			23	6.6	1.9	2.5	5.4	1.6	2.0	5.0	1.5	1.9	4.7	1.5	2.0	
		27	16	6.2	5.3	2.3	5.0	4.4	1.9	4.7	4.2	1.8	4.4	4.0	1.9	
			19	6.9	5.3	2.4	5.6	4.4	2.0	5.3	4.2	1.9	4.9	4.0	1.9	
			23	7.3	3.6	2.4	5.9	3.0	2.0	5.6	2.8	1.9	5.2	2.7	2.0	
		29	19	7.0	5.6	2.4	5.7	4.7	2.0	5.4	4.5	1.9	5.0	4.3	1.9	
			30	16	6.5	5.9	2.3	5.3	4.9	1.9	5.0	4.7	1.8	4.6	4.5	1.9
				19	7.1	6.0	2.4	5.8	5.0	2.0	5.4	4.8	1.9	5.0	4.6	1.9
		23		7.4	4.9	2.5	6.1	4.1	2.0	5.7	3.9	1.9	5.3	3.7	2.0	
		32	16	6.8	6.4	2.4	5.6	5.3	2.0	5.2	5.1	1.9	4.9	4.9	1.9	
			19	7.3	6.8	2.4	5.9	5.6	2.0	5.6	5.4	1.9	5.2	5.1	2.0	
23	7.5		6.1	2.5	6.1	5.1	2.0	5.7	4.9	1.9	5.3	4.6	2.0			
Medium	1270	18	9	4.4	2.5	1.8	3.6	2.1	1.4	3.3	2.0	1.4	3.1	1.9	1.4	
			12	4.5	1.6	1.8	3.7	1.4	1.5	3.5	1.3	1.4	3.2	1.2	1.5	
			15	5.4	1.7	2.0	4.4	1.4	1.7	4.2	1.3	1.6	3.9	1.3	1.6	
		21	12	5.4	3.8	2.1	4.4	3.1	1.7	4.1	3.0	1.7	3.9	2.9	1.7	
			15	5.6	3.1	2.2	4.5	2.6	1.8	4.2	2.5	1.7	4.0	2.3	1.7	
			19	6.5	2.4	2.3	5.3	2.0	1.9	4.9	1.9	1.8	4.6	1.8	1.9	
		24	16	5.8	3.9	2.2	4.7	3.2	1.8	4.4	3.1	1.7	4.1	2.9	1.7	
			19	6.6	3.8	2.4	5.4	3.1	1.9	5.0	3.0	1.8	4.7	2.8	1.9	
			23	6.5	1.8	2.4	5.3	1.5	2.0	4.9	1.4	1.9	4.6	1.3	2.0	
		27	16	6.1	4.8	2.3	4.9	4.0	1.9	4.6	3.8	1.8	4.3	3.7	1.8	
			19	6.7	4.8	2.4	5.5	4.0	2.0	5.1	3.8	1.9	4.8	3.6	1.9	
			23	7.1	3.3	2.4	5.8	2.7	2.0	5.5	2.6	1.9	5.1	2.5	1.9	
		29	19	6.9	5.1	2.4	5.6	4.3	2.0	5.2	4.1	1.9	4.9	3.9	1.9	
			30	16	6.4	5.4	2.3	5.2	4.5	1.9	4.9	4.3	1.8	4.6	4.1	1.9
				19	6.9	5.5	2.4	5.7	4.6	2.0	5.3	4.4	1.9	4.9	4.2	1.9
		23		7.3	4.5	2.4	5.9	3.7	2.0	5.6	3.6	1.9	5.2	3.4	2.0	
		32	16	6.7	5.8	2.4	5.5	4.9	2.0	5.1	4.6	1.9	4.8	4.4	1.9	
			19	7.1	6.2	2.4	5.8	5.1	2.0	5.5	4.9	1.9	5.1	4.7	1.9	
23	7.5		5.7	2.5	6.1	4.7	2.0	5.7	4.5	1.9	5.3	4.3	2.0			
Low	1170	18	9	4.1	2.3	1.7	3.4	1.9	1.4	3.2	1.8	1.4	3.0	1.7	1.4	
			12	4.3	1.5	1.8	3.5	1.2	1.5	3.3	1.2	1.4	3.1	1.1	1.5	
			15	5.2	1.5	2.0	4.2	1.3	1.6	4.0	1.2	1.6	3.7	1.1	1.6	
		21	12	5.1	3.4	2.1	4.2	2.9	1.7	3.9	2.7	1.6	3.7	2.6	1.7	
			15	5.3	2.8	2.1	4.3	2.3	1.8	4.0	2.2	1.7	3.8	2.1	1.7	
			19	6.1	2.2	2.3	5.0	1.8	1.9	4.7	1.8	1.8	4.4	1.7	1.8	
		24	16	5.5	3.5	2.1	4.5	2.9	1.8	4.2	2.8	1.7	3.9	2.7	1.7	
			19	6.3	3.4	2.3	5.1	2.8	1.9	4.8	2.7	1.8	4.5	2.6	1.9	
			23	6.1	1.6	2.4	5.0	1.3	2.0	4.7	1.3	1.9	4.4	1.2	1.9	
		27	16	5.7	4.4	2.3	4.7	3.7	1.9	4.4	3.5	1.8	4.1	3.3	1.8	
			19	6.4	4.4	2.4	5.2	3.6	1.9	4.9	3.5	1.8	4.6	3.3	1.9	
			23	6.8	3.0	2.4	5.5	2.5	2.0	5.2	2.4	1.9	4.8	2.2	1.9	
		29	19	6.5	4.7	2.4	5.3	3.9	2.0	5.0	3.7	1.9	4.6	3.5	1.9	
			30	16	6.0	4.9	2.3	4.9	4.1	1.9	4.6	3.9	1.8	4.3	3.7	1.8
				19	6.6	5.0	2.4	5.4	4.1	2.0	5.0	4.0	1.9	4.7	3.8	1.9
		23		6.9	4.1	2.4	5.6	3.4	2.0	5.3	3.2	1.9	4.9	3.1	1.9	
		32	16	6.4	5.3	2.3	5.2	4.4	1.9	4.9	4.2	1.8	4.5	4.0	1.9	
			19	6.8	5.6	2.4	5.5	4.7	2.0	5.2	4.4	1.9	4.8	4.2	1.9	
23	7.5		5.4	2.5	6.1	4.5	2.0	5.7	4.3	1.9	5.3	4.1	2.0			

Outdoor Unit:GUHD30NK3CO Indoor Unit:GKH30K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)															
				18			21			25			30			35			
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	1660	18	9	4.3	2.1	1.3	4.6	2.4	1.4	5.3	2.9	1.5	5.5	3.2	1.7	5.7	3.5	2.0	
			12	4.4	1.4	1.4	4.7	1.5	1.5	5.5	1.9	1.6	5.7	2.1	1.8	5.9	2.3	2.1	
			15	5.3	1.4	1.5	5.7	1.6	1.6	6.6	1.9	1.7	6.9	2.1	2.0	7.1	2.3	2.3	
		21	12	5.3	3.2	1.6	5.7	3.6	1.7	6.6	4.4	1.8	6.9	4.8	2.1	7.1	5.3	2.4	
			15	5.4	2.6	1.6	5.8	2.9	1.7	6.8	3.6	1.9	7.0	4.0	2.1	7.3	4.3	2.5	
			19	6.3	2.0	1.7	6.8	2.3	1.9	7.9	2.8	2.0	8.2	3.1	2.3	8.4	3.4	2.7	
		24	16	5.7	3.2	1.6	6.1	3.7	1.7	7.1	4.5	1.9	7.4	5.0	2.1	7.6	5.4	2.5	
			19	6.5	3.1	1.8	6.9	3.6	1.9	8.0	4.4	2.0	8.4	4.8	2.3	8.6	5.2	2.7	
			23	6.3	1.5	1.8	6.8	1.7	2.0	7.9	2.1	2.1	8.2	2.3	2.4	8.5	2.5	2.8	
		27	16	5.9	4.0	1.7	6.3	4.6	1.9	7.4	5.6	2.0	7.7	6.2	2.3	7.9	6.7	2.7	
			19	6.6	4.0	1.8	7.0	4.5	1.9	8.2	5.6	2.1	8.5	6.2	2.3	8.8	6.7	2.7	
			23	7.0	2.7	1.8	7.5	3.1	2.0	8.7	3.8	2.1	9.0	4.2	2.4	9.3	4.5	2.8	
		29	19	6.7	4.3	1.8	7.2	4.9	1.9	8.3	6.0	2.1	8.7	6.6	2.4	9.0	7.2	2.8	
			30	16	6.3	4.5	1.7	6.7	5.1	1.9	7.8	6.3	2.0	8.1	6.9	2.3	8.3	7.5	2.7
				19	6.8	4.6	1.8	7.3	5.2	1.9	8.4	6.4	2.1	8.8	7.0	2.4	9.1	7.6	2.8
		23		7.1	3.8	1.8	7.6	4.3	2.0	8.9	5.2	2.1	9.2	5.8	2.4	9.5	6.3	2.8	
		32	16	6.6	4.9	1.8	7.0	5.5	1.9	8.2	6.8	2.1	8.5	7.5	2.3	8.8	8.1	2.7	
			19	7.0	5.1	1.8	7.5	5.8	2.0	8.7	7.2	2.1	9.0	7.9	2.4	9.3	8.6	2.8	
23	7.2		4.7	1.8	7.7	5.3	2.0	8.9	6.5	2.1	9.3	7.2	2.4	9.6	7.8	2.8			
Medium	1570	18	9	4.2	1.9	1.3	4.5	2.1	1.4	5.2	2.6	1.5	5.4	2.9	1.7	5.6	3.2	2.0	
			12	4.3	1.2	1.4	4.6	1.4	1.5	5.4	1.7	1.6	5.6	1.9	1.8	5.8	2.1	2.1	
			15	5.2	1.3	1.5	5.6	1.4	1.6	6.5	1.8	1.7	6.8	2.0	2.0	7.0	2.1	2.3	
		21	12	5.2	2.9	1.6	5.6	3.3	1.7	6.5	4.0	1.8	6.7	4.4	2.1	7.0	4.8	2.4	
			15	5.3	2.4	1.6	5.7	2.7	1.7	6.6	3.3	1.9	6.9	3.6	2.1	7.1	3.9	2.5	
			19	6.2	1.9	1.7	6.6	2.1	1.9	7.7	2.6	2.0	8.0	2.9	2.3	8.3	3.1	2.7	
		24	16	5.6	3.0	1.6	5.9	3.3	1.7	6.9	4.1	1.9	7.2	4.5	2.1	7.4	4.9	2.5	
			19	6.3	2.9	1.7	6.8	3.2	1.9	7.9	4.0	2.0	8.2	4.4	2.3	8.5	4.8	2.7	
			23	6.2	1.3	1.8	6.6	1.5	2.0	7.7	1.9	2.1	8.0	2.1	2.4	8.3	2.2	2.8	
		27	16	5.8	3.7	1.7	6.2	4.2	1.8	7.2	5.1	2.0	7.5	5.7	2.2	7.8	6.1	2.6	
			19	6.5	3.7	1.8	6.9	4.1	1.9	8.0	5.1	2.0	8.4	5.6	2.3	8.6	6.1	2.7	
			23	6.9	2.5	1.8	7.3	2.8	1.9	8.5	3.5	2.1	8.9	3.8	2.4	9.1	4.1	2.8	
		29	19	6.6	3.9	1.8	7.0	4.4	1.9	8.2	5.5	2.1	8.5	6.0	2.3	8.8	6.5	2.7	
			30	16	6.1	4.1	1.7	6.5	4.7	1.9	7.6	5.7	2.0	7.9	6.3	2.3	8.2	6.9	2.7
				19	6.7	4.2	1.8	7.1	4.7	1.9	8.3	5.8	2.1	8.6	6.4	2.3	8.9	7.0	2.7
		23		7.0	3.4	1.8	7.5	3.9	2.0	8.7	4.8	2.1	9.0	5.3	2.4	9.3	5.7	2.8	
		32	16	6.4	4.5	1.8	6.9	5.0	1.9	8.0	6.2	2.0	8.3	6.8	2.3	8.6	7.4	2.7	
			19	6.9	4.7	1.8	7.3	5.3	1.9	8.5	6.5	2.1	8.9	7.2	2.4	9.1	7.8	2.8	
23	7.2		4.3	1.8	7.7	4.9	2.0	8.9	6.1	2.1	9.3	6.7	2.4	9.6	7.2	2.8			
Low	1500	18	9	4.0	1.7	1.3	4.2	2.0	1.4	4.9	2.4	1.5	5.1	2.6	1.7	5.3	2.9	2.0	
			12	4.1	1.1	1.4	4.4	1.3	1.5	5.1	1.6	1.6	5.3	1.7	1.8	5.5	1.9	2.1	
			15	5.0	1.2	1.5	5.3	1.3	1.6	6.2	1.6	1.7	6.4	1.8	1.9	6.6	1.9	2.3	
		21	12	4.9	2.6	1.6	5.3	3.0	1.7	6.1	3.6	1.8	6.4	4.0	2.0	6.6	4.4	2.4	
			15	5.1	2.1	1.6	5.4	2.4	1.7	6.3	3.0	1.8	6.6	3.3	2.1	6.8	3.6	2.4	
			19	5.9	1.7	1.7	6.3	1.9	1.8	7.3	2.4	2.0	7.6	2.6	2.2	7.9	2.8	2.6	
		24	16	5.3	2.7	1.6	5.6	3.0	1.7	6.6	3.7	1.8	6.8	4.1	2.1	7.1	4.5	2.4	
			19	6.0	2.6	1.7	6.4	3.0	1.9	7.5	3.6	2.0	7.8	4.0	2.3	8.0	4.3	2.7	
			23	5.9	1.2	1.8	6.3	1.4	1.9	7.3	1.7	2.1	7.6	1.9	2.3	7.9	2.0	2.8	
		27	16	5.5	3.3	1.7	5.9	3.8	1.8	6.9	4.7	2.0	7.1	5.1	2.2	7.4	5.6	2.6	
			19	6.1	3.3	1.7	6.5	3.8	1.9	7.6	4.6	2.0	7.9	5.1	2.3	8.2	5.5	2.7	
			23	6.5	2.3	1.8	6.9	2.6	1.9	8.1	3.1	2.1	8.4	3.5	2.3	8.7	3.8	2.7	
		29	19	6.3	3.6	1.8	6.7	4.0	1.9	7.8	5.0	2.0	8.1	5.5	2.3	8.3	5.9	2.7	
			30	16	5.8	3.7	1.7	6.2	4.2	1.8	7.2	5.2	2.0	7.5	5.7	2.2	7.8	6.2	2.6
				19	6.3	3.8	1.8	6.7	4.3	1.9	7.8	5.3	2.0	8.2	5.8	2.3	8.4	6.3	2.7
		23		6.6	3.1	1.8	7.1	3.5	1.9	8.2	4.3	2.1	8.6	4.8	2.4	8.9	5.2	2.8	
		32	16	6.1	4.0	1.7	6.5	4.6	1.9	7.6	5.6	2.0	7.9	6.2	2.3	8.2	6.7	2.7	
			19	6.5	4.3	1.8	6.9	4.8	1.9	8.1	5.9	2.1	8.4	6.5	2.3	8.7	7.1	2.7	
23	7.2		4.2	1.8	7.7	4.7	2.0	8.9	5.8	2.1	9.3	6.4	2.4	9.6	6.9	2.8			

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Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)												
				39			43			46			48			
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	1660	18	9	5.6	3.4	2.2	4.6	2.9	1.8	4.3	2.7	1.7	4.0	2.6	1.8	
			12	5.8	2.2	2.3	4.7	1.9	1.9	4.4	1.8	1.8	4.1	1.7	1.8	
			15	7.0	2.3	2.5	5.7	1.9	2.1	5.3	1.8	2.0	5.0	1.7	2.0	
		21	12	7.0	5.2	2.7	5.7	4.3	2.2	5.3	4.1	2.1	5.0	3.9	2.1	
			15	7.1	4.3	2.7	5.8	3.5	2.2	5.4	3.4	2.1	5.1	3.2	2.2	
			19	8.3	3.4	2.9	6.8	2.8	2.4	6.3	2.7	2.3	5.9	2.5	2.3	
		24	16	7.4	5.3	2.7	6.1	4.4	2.2	5.7	4.3	2.1	5.3	4.0	2.2	
			19	8.5	5.2	3.0	6.9	4.3	2.4	6.5	4.1	2.3	6.0	3.9	2.4	
			23	8.3	2.4	3.1	6.8	2.0	2.5	6.3	1.9	2.4	5.9	1.8	2.5	
		27	16	7.8	6.7	2.9	6.3	5.6	2.4	5.9	5.3	2.3	5.5	5.0	2.3	
			19	8.6	6.6	3.0	7.0	5.5	2.5	6.6	5.3	2.3	6.2	5.0	2.4	
			23	9.1	4.5	3.0	7.5	3.7	2.5	7.0	3.6	2.4	6.5	3.4	2.4	
		29	19	8.8	7.1	3.0	7.2	5.9	2.5	6.7	5.6	2.4	6.3	5.4	2.4	
			30	16	8.2	7.5	2.9	6.7	6.2	2.4	6.3	5.9	2.3	5.8	5.6	2.3
				19	8.9	7.6	3.0	7.3	6.3	2.5	6.8	6.0	2.4	6.3	5.7	2.4
		23		9.3	6.2	3.1	7.6	5.2	2.5	7.1	4.9	2.4	6.7	4.7	2.5	
		32	16	8.6	8.1	3.0	7.0	6.7	2.5	6.6	6.4	2.3	6.1	6.1	2.4	
			19	9.1	8.5	3.0	7.5	7.1	2.5	7.0	6.8	2.4	6.5	6.4	2.4	
23	9.4		7.7	3.1	7.7	6.4	2.5	7.2	6.1	2.4	6.7	5.8	2.5			
Medium	1570	18	9	5.5	3.1	2.2	4.5	2.6	1.8	4.2	2.5	1.7	3.9	2.4	1.7	
			12	5.7	2.0	2.3	4.6	1.7	1.9	4.3	1.6	1.8	4.1	1.5	1.8	
			15	6.8	2.1	2.5	5.6	1.7	2.1	5.2	1.7	2.0	4.9	1.6	2.0	
		21	12	6.8	4.7	2.6	5.6	3.9	2.2	5.2	3.8	2.1	4.9	3.6	2.1	
			15	7.0	3.9	2.7	5.7	3.2	2.2	5.3	3.1	2.1	5.0	2.9	2.2	
			19	8.1	3.1	2.9	6.6	2.6	2.4	6.2	2.4	2.3	5.8	2.3	2.3	
		24	16	7.3	4.9	2.7	5.9	4.1	2.2	5.6	3.9	2.1	5.2	3.7	2.1	
			19	8.3	4.7	2.9	6.8	3.9	2.4	6.3	3.8	2.3	5.9	3.6	2.3	
			23	8.1	2.2	3.0	6.6	1.9	2.5	6.2	1.8	2.4	5.8	1.7	2.4	
		27	16	7.6	6.1	2.9	6.2	5.1	2.4	5.8	4.8	2.2	5.4	4.6	2.3	
			19	8.5	6.0	3.0	6.9	5.0	2.4	6.5	4.8	2.3	6.0	4.6	2.4	
			23	9.0	4.1	3.0	7.3	3.4	2.5	6.9	3.3	2.4	6.4	3.1	2.4	
		29	19	8.6	6.5	3.0	7.0	5.4	2.5	6.6	5.1	2.3	6.2	4.9	2.4	
			30	16	8.0	6.8	2.9	6.5	5.7	2.4	6.1	5.4	2.3	5.7	5.1	2.3
				19	8.7	6.9	3.0	7.1	5.7	2.5	6.7	5.5	2.3	6.2	5.2	2.4
		23		9.1	5.6	3.0	7.5	4.7	2.5	7.0	4.5	2.4	6.5	4.3	2.4	
		32	16	8.4	7.3	3.0	6.9	6.1	2.4	6.4	5.8	2.3	6.0	5.6	2.4	
			19	9.0	7.7	3.0	7.3	6.4	2.5	6.9	6.2	2.4	6.4	5.9	2.4	
23	9.4		7.2	3.1	7.7	6.0	2.5	7.2	5.7	2.4	6.7	5.4	2.5			
Low	1500	18	9	5.2	2.8	2.2	4.2	2.4	1.8	4.0	2.3	1.7	3.7	2.1	1.7	
			12	5.4	1.9	2.3	4.4	1.5	1.9	4.1	1.5	1.8	3.9	1.4	1.8	
			15	6.5	1.9	2.5	5.3	1.6	2.1	5.0	1.5	1.9	4.6	1.4	2.0	
		21	12	6.5	4.3	2.6	5.3	3.6	2.2	4.9	3.4	2.0	4.6	3.3	2.1	
			15	6.6	3.5	2.7	5.4	2.9	2.2	5.1	2.8	2.1	4.7	2.7	2.1	
			19	7.7	2.8	2.9	6.3	2.3	2.4	5.9	2.2	2.2	5.5	2.1	2.3	
		24	16	6.9	4.4	2.7	5.6	3.7	2.2	5.3	3.5	2.1	4.9	3.3	2.1	
			19	7.9	4.3	2.9	6.4	3.6	2.4	6.0	3.4	2.3	5.6	3.3	2.3	
			23	7.7	2.0	3.0	6.3	1.7	2.5	5.9	1.6	2.3	5.5	1.5	2.4	
		27	16	7.2	5.5	2.8	5.9	4.6	2.3	5.5	4.4	2.2	5.2	4.2	2.3	
			19	8.0	5.5	2.9	6.5	4.6	2.4	6.1	4.4	2.3	5.7	4.1	2.3	
			23	8.5	3.7	3.0	6.9	3.1	2.5	6.5	3.0	2.3	6.1	2.8	2.4	
		29	19	8.2	5.9	3.0	6.7	4.9	2.4	6.3	4.7	2.3	5.8	4.4	2.4	
			30	16	7.6	6.2	2.9	6.2	5.1	2.4	5.8	4.9	2.2	5.4	4.7	2.3
				19	8.3	6.3	3.0	6.7	5.2	2.4	6.3	5.0	2.3	5.9	4.7	2.4
		23		8.7	5.1	3.0	7.1	4.3	2.5	6.6	4.1	2.4	6.2	3.9	2.4	
		32	16	8.0	6.7	2.9	6.5	5.6	2.4	6.1	5.3	2.3	5.7	5.0	2.3	
			19	8.5	7.0	3.0	6.9	5.9	2.5	6.5	5.6	2.3	6.1	5.3	2.4	
23	9.4		6.8	3.1	7.7	5.7	2.5	7.2	5.4	2.4	6.7	5.2	2.5			

Outdoor Unit:GUHD36NK3CO/GUHD36NM3CO Indoor Unit:GKH36K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																
				18			21			25			30			35				
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1660	18	9	4.9	2.4	1.5	5.2	2.7	1.6	6.0	3.3	1.7	6.3	3.6	1.9	6.5	3.9	2.3		
			12	5.0	1.5	1.6	5.4	1.7	1.7	6.3	2.2	1.8	6.5	2.4	2.0	6.7	2.6	2.4		
			15	6.1	1.6	1.7	6.5	1.8	1.8	7.5	2.2	2.0	7.9	2.4	2.2	8.1	2.6	2.6		
		21	12	6.0	3.6	1.8	6.5	4.1	1.9	7.5	5.0	2.1	7.8	5.5	2.3	8.1	6.0	2.8		
			15	6.2	2.9	1.8	6.6	3.3	2.0	7.7	4.1	2.1	8.0	4.5	2.4	8.3	4.9	2.8		
			19	7.2	2.3	2.0	7.7	2.6	2.1	8.9	3.2	2.3	9.3	3.6	2.6	9.6	3.9	3.0		
		24	16	6.5	3.7	1.8	6.9	4.2	2.0	8.0	5.1	2.1	8.4	5.7	2.4	8.6	6.1	2.8		
			19	7.4	3.6	2.0	7.8	4.1	2.1	9.1	5.0	2.3	9.5	5.5	2.6	9.8	6.0	3.1		
			23	7.2	1.7	2.1	7.7	1.9	2.2	8.9	2.3	2.4	9.3	2.6	2.7	9.6	2.8	3.2		
		27	16	6.8	4.6	2.0	7.2	5.2	2.1	8.4	6.4	2.3	8.7	7.1	2.6	9.0	7.7	3.0		
			19	7.5	4.6	2.0	8.0	5.2	2.2	9.3	6.4	2.3	9.7	7.0	2.6	10.0	7.6	3.1		
			23	8.0	3.1	2.1	8.5	3.5	2.2	9.9	4.3	2.4	10.3	4.8	2.7	10.6	5.2	3.2		
		29	19	7.7	4.9	2.0	8.2	5.5	2.2	9.5	6.8	2.3	9.9	7.5	2.7	10.2	8.1	3.1		
			30	16	7.1	5.1	2.0	7.6	5.8	2.1	8.8	7.2	2.3	9.2	7.9	2.6	9.5	8.6	3.0	
				19	7.7	5.2	2.0	8.2	5.9	2.2	9.6	7.3	2.3	10.0	8.0	2.7	10.3	8.7	3.1	
		23		8.1	4.3	2.1	8.7	4.8	2.2	10.1	6.0	2.4	10.5	6.6	2.7	10.8	7.1	3.2		
		32	16	7.5	5.6	2.0	8.0	6.3	2.2	9.3	7.7	2.3	9.7	8.5	2.6	10.0	9.3	3.1		
			19	8.0	5.8	2.1	8.5	6.6	2.2	9.9	8.2	2.4	10.3	9.0	2.7	10.6	9.7	3.2		
			23	8.2	5.3	2.1	8.7	6.0	2.2	10.2	7.4	2.4	10.6	8.1	2.7	10.9	8.8	3.2		
		Medium	1570	18	9	4.8	2.2	1.5	5.1	2.4	1.6	5.9	3.0	1.7	6.2	3.3	1.9	6.4	3.6	2.3
					12	4.9	1.4	1.5	5.3	1.6	1.7	6.1	2.0	1.8	6.4	2.2	2.0	6.6	2.3	2.4
					15	6.0	1.4	1.7	6.4	1.6	1.8	7.4	2.0	2.0	7.7	2.2	2.2	7.9	2.4	2.6
				21	12	5.9	3.3	1.8	6.3	3.7	1.9	7.3	4.6	2.1	7.7	5.0	2.3	7.9	5.4	2.7
					15	6.1	2.7	1.8	6.5	3.0	2.0	7.5	3.7	2.1	7.8	4.1	2.4	8.1	4.5	2.8
19	7.1				2.1	2.0	7.5	2.4	2.1	8.7	2.9	2.3	9.1	3.2	2.6	9.4	3.5	3.0		
24	16			6.3	3.4	1.8	6.8	3.8	2.0	7.9	4.7	2.1	8.2	5.2	2.4	8.5	5.6	2.8		
	19			7.2	3.3	2.0	7.7	3.7	2.1	8.9	4.5	2.3	9.3	5.0	2.6	9.6	5.4	3.0		
	23			7.1	1.5	2.1	7.5	1.7	2.2	8.8	2.1	2.4	9.1	2.4	2.7	9.4	2.6	3.2		
27	16			6.6	4.2	1.9	7.1	4.7	2.1	8.2	5.8	2.2	8.6	6.4	2.5	8.8	7.0	3.0		
	19			7.4	4.2	2.0	7.8	4.7	2.1	9.1	5.8	2.3	9.5	6.4	2.6	9.8	6.9	3.1		
	23			7.8	2.8	2.0	8.3	3.2	2.2	9.7	3.9	2.3	10.1	4.3	2.7	10.4	4.7	3.1		
29	19			7.5	4.5	2.0	8.0	5.0	2.2	9.3	6.2	2.3	9.7	6.8	2.6	10.0	7.4	3.1		
	30			16	7.0	4.7	2.0	7.4	5.3	2.1	8.6	6.5	2.3	9.0	7.2	2.6	9.3	7.8	3.0	
				19	7.6	4.8	2.0	8.1	5.4	2.2	9.4	6.6	2.3	9.8	7.3	2.6	10.1	7.9	3.1	
23				7.9	3.9	2.1	8.5	4.4	2.2	9.9	5.4	2.4	10.3	6.0	2.7	10.6	6.5	3.2		
32	16			7.3	5.1	2.0	7.8	5.7	2.1	9.1	7.1	2.3	9.5	7.8	2.6	9.8	8.4	3.1		
	19			7.8	5.3	2.0	8.3	6.0	2.2	9.7	7.4	2.3	10.1	8.2	2.7	10.4	8.9	3.1		
	23			8.2	4.9	2.1	8.7	5.6	2.2	10.2	6.9	2.4	10.6	7.6	2.7	10.9	8.2	3.2		
Low	1500			18	9	4.5	2.0	1.5	4.8	2.2	1.6	5.6	2.7	1.7	5.8	3.0	1.9	6.0	3.3	2.2
					12	4.7	1.3	1.5	5.0	1.4	1.6	5.8	1.8	1.8	6.1	2.0	2.0	6.3	2.1	2.3
					15	5.6	1.3	1.7	6.0	1.5	1.8	7.0	1.8	1.9	7.3	2.0	2.2	7.5	2.2	2.6
				21	12	5.6	3.0	1.8	6.0	3.4	1.9	7.0	4.1	2.0	7.3	4.6	2.3	7.5	4.9	2.7
					15	5.8	2.4	1.8	6.1	2.8	1.9	7.1	3.4	2.1	7.4	3.7	2.4	7.7	4.0	2.8
		19	6.7		1.9	1.9	7.1	2.2	2.1	8.3	2.7	2.2	8.7	2.9	2.5	8.9	3.2	3.0		
		24	16	6.0	3.0	1.8	6.4	3.5	1.9	7.5	4.3	2.1	7.8	4.7	2.4	8.0	5.1	2.8		
			19	6.8	3.0	2.0	7.3	3.4	2.1	8.5	4.1	2.3	8.8	4.5	2.6	9.1	4.9	3.0		
			23	6.7	1.4	2.0	7.1	1.6	2.2	8.3	1.9	2.3	8.7	2.1	2.7	8.9	2.3	3.1		
		27	16	6.3	3.8	1.9	6.7	4.3	2.1	7.8	5.3	2.2	8.1	5.8	2.5	8.4	6.3	2.9		
			19	7.0	3.8	2.0	7.4	4.3	2.1	8.6	5.3	2.3	9.0	5.8	2.6	9.3	6.3	3.0		
			23	7.4	2.6	2.0	7.9	2.9	2.2	9.2	3.6	2.3	9.6	3.9	2.6	9.9	4.3	3.1		
		29	19	7.1	4.0	2.0	7.6	4.6	2.1	8.8	5.6	2.3	9.2	6.2	2.6	9.5	6.7	3.1		
			30	16	6.6	4.2	1.9	7.1	4.8	2.1	8.2	5.9	2.2	8.5	6.5	2.5	8.8	7.1	3.0	
				19	7.2	4.3	2.0	7.7	4.9	2.1	8.9	6.0	2.3	9.3	6.6	2.6	9.6	7.2	3.1	
		23		7.5	3.5	2.0	8.0	4.0	2.2	9.4	4.9	2.3	9.8	5.4	2.7	10.1	5.9	3.1		
		32	16	6.9	4.6	2.0	7.4	5.2	2.1	8.6	6.4	2.3	9.0	7.1	2.6	9.3	7.7	3.0		
			19	7.4	4.8	2.0	7.9	5.5	2.2	9.2	6.8	2.3	9.6	7.4	2.6	9.9	8.1	3.1		
			23	8.2	4.7	2.1	8.7	5.3	2.2	10.2	6.6	2.4	10.6	7.2	2.7	10.9	7.9	3.2		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)													
				39			43			46			48				
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1660	18	9	6.4	3.9	2.5	5.2	3.2	2.1	4.9	3.1	1.9	4.5	3.0	2.0		
			12	6.6	2.5	2.6	5.4	2.1	2.2	5.0	2.0	2.0	4.7	1.9	2.1		
			15	7.9	2.6	2.9	6.5	2.2	2.4	6.1	2.1	2.2	5.7	2.0	2.3		
		21	12	7.9	5.9	3.0	6.5	4.9	2.5	6.0	4.7	2.3	5.6	4.5	2.4		
			15	8.1	4.8	3.1	6.6	4.0	2.5	6.2	3.8	2.4	5.8	3.7	2.5		
			19	9.4	3.8	3.3	7.7	3.2	2.7	7.2	3.0	2.6	6.7	2.9	2.6		
		24	16	8.5	6.1	3.1	6.9	5.1	2.5	6.5	4.8	2.4	6.0	4.6	2.5		
			19	9.6	5.9	3.3	7.8	4.9	2.8	7.4	4.7	2.6	6.9	4.5	2.7		
			23	9.4	2.8	3.5	7.7	2.3	2.9	7.2	2.2	2.7	6.7	2.1	2.8		
		27	16	8.8	7.6	3.3	7.2	6.3	2.7	6.8	6.0	2.6	6.3	5.7	2.6		
			19	9.8	7.5	3.4	8.0	6.3	2.8	7.5	6.0	2.6	7.0	5.7	2.7		
			23	10.4	5.1	3.4	8.5	4.2	2.8	8.0	4.1	2.7	7.4	3.9	2.8		
		29	19	10.0	8.1	3.4	8.2	6.7	2.8	7.7	6.4	2.7	7.1	6.1	2.7		
			30	16	9.3	8.5	3.3	7.6	7.0	2.7	7.1	6.7	2.6	6.6	6.4	2.6	
				19	10.1	8.6	3.4	8.2	7.2	2.8	7.7	6.8	2.7	7.2	6.5	2.7	
		23		10.6	7.0	3.5	8.7	5.9	2.9	8.1	5.6	2.7	7.6	5.3	2.8		
		32	16	9.8	9.2	3.4	8.0	7.6	2.8	7.5	7.3	2.6	7.0	6.9	2.7		
			19	10.4	9.6	3.4	8.5	8.0	2.8	8.0	7.7	2.7	7.4	7.3	2.8		
			23	10.7	8.7	3.5	8.7	7.3	2.9	8.2	7.0	2.7	7.6	6.6	2.8		
		Medium	1570	18	9	6.2	3.6	2.5	5.1	3.0	2.0	4.8	2.8	1.9	4.4	2.7	2.0
					12	6.5	2.3	2.6	5.3	1.9	2.1	4.9	1.8	2.0	4.6	1.8	2.1
					15	7.8	2.4	2.8	6.4	2.0	2.3	6.0	1.9	2.2	5.6	1.8	2.3
				21	12	7.7	5.4	3.0	6.3	4.5	2.5	5.9	4.3	2.3	5.5	4.1	2.4
					15	7.9	4.4	3.0	6.5	3.7	2.5	6.1	3.5	2.4	5.7	3.3	2.4
19	9.2				3.5	3.3	7.5	2.9	2.7	7.1	2.8	2.6	6.6	2.6	2.6		
24	16			8.3	5.5	3.0	6.8	4.6	2.5	6.3	4.4	2.4	5.9	4.2	2.4		
	19			9.4	5.4	3.3	7.7	4.5	2.7	7.2	4.3	2.6	6.7	4.1	2.6		
	23			9.2	2.5	3.4	7.5	2.1	2.8	7.1	2.0	2.7	6.6	1.9	2.7		
27	16			8.6	6.9	3.2	7.1	5.8	2.7	6.6	5.5	2.5	6.2	5.2	2.6		
	19			9.6	6.9	3.3	7.8	5.7	2.8	7.4	5.5	2.6	6.9	5.2	2.7		
	23			10.2	4.7	3.4	8.3	3.9	2.8	7.8	3.7	2.7	7.3	3.5	2.7		
29	19			9.8	7.3	3.4	8.0	6.1	2.8	7.5	5.8	2.6	7.0	5.6	2.7		
	30			16	9.1	7.7	3.3	7.4	6.4	2.7	7.0	6.1	2.6	6.5	5.8	2.6	
				19	9.9	7.8	3.4	8.1	6.5	2.8	7.6	6.2	2.6	7.1	5.9	2.7	
23				10.4	6.4	3.4	8.5	5.3	2.8	7.9	5.1	2.7	7.4	4.9	2.8		
32	16			9.6	8.3	3.3	7.8	7.0	2.8	7.3	6.6	2.6	6.8	6.3	2.7		
	19			10.2	8.8	3.4	8.3	7.3	2.8	7.8	7.0	2.7	7.3	6.7	2.7		
	23			10.7	8.1	3.5	8.7	6.8	2.9	8.2	6.5	2.7	7.6	6.2	2.8		
Low	1500			18	9	5.9	3.2	2.4	4.8	2.7	2.0	4.5	2.6	1.9	4.2	2.4	2.0
					12	6.1	2.1	2.6	5.0	1.8	2.1	4.7	1.7	2.0	4.4	1.6	2.0
					15	7.4	2.2	2.8	6.0	1.8	2.3	5.6	1.7	2.2	5.3	1.6	2.2
				21	12	7.3	4.9	3.0	6.0	4.1	2.4	5.6	3.9	2.3	5.2	3.7	2.4
					15	7.5	4.0	3.0	6.1	3.3	2.5	5.8	3.2	2.4	5.4	3.0	2.4
		19	8.7		3.2	3.2	7.1	2.6	2.7	6.7	2.5	2.5	6.2	2.4	2.6		
		24	16	7.9	5.0	3.0	6.4	4.2	2.5	6.0	4.0	2.4	5.6	3.8	2.4		
			19	8.9	4.9	3.3	7.3	4.1	2.7	6.8	3.9	2.6	6.4	3.7	2.6		
			23	8.8	2.3	3.4	7.1	1.9	2.8	6.7	1.8	2.7	6.3	1.7	2.7		
		27	16	8.2	6.3	3.2	6.7	5.2	2.7	6.3	5.0	2.5	5.9	4.7	2.6		
			19	9.1	6.2	3.3	7.4	5.2	2.7	7.0	5.0	2.6	6.5	4.7	2.6		
			23	9.7	4.2	3.4	7.9	3.5	2.8	7.4	3.4	2.6	6.9	3.2	2.7		
		29	19	9.3	6.7	3.3	7.6	5.6	2.8	7.1	5.3	2.6	6.6	5.0	2.7		
			30	16	8.6	7.0	3.2	7.1	5.8	2.7	6.6	5.6	2.5	6.2	5.3	2.6	
				19	9.4	7.1	3.3	7.7	5.9	2.8	7.2	5.7	2.6	6.7	5.4	2.7	
		23		9.9	5.8	3.4	8.0	4.9	2.8	7.5	4.6	2.7	7.0	4.4	2.7		
		32	16	9.1	7.6	3.3	7.4	6.3	2.7	6.9	6.0	2.6	6.5	5.7	2.6		
			19	9.7	8.0	3.4	7.9	6.6	2.8	7.4	6.4	2.6	6.9	6.0	2.7		
			23	10.7	7.8	3.5	8.7	6.5	2.9	8.2	6.2	2.7	7.6	5.9	2.8		

Outdoor Unit:GUHD42NK3CO/GHD42NM3CO Indoor Unit:GKH42K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)															
				18			21			25			30			35			
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	1660	18	9	5.3	2.6	1.6	5.7	2.9	1.8	6.6	3.6	1.9	6.9	4.0	2.1	7.1	4.3	2.5	
			12	5.5	1.7	1.7	5.9	1.9	1.9	6.9	2.4	2.0	7.2	2.6	2.2	7.4	2.8	2.6	
			15	6.7	1.7	1.9	7.1	2.0	2.0	8.3	2.4	2.2	8.6	2.7	2.5	8.9	2.9	2.9	
		21	12	6.7	3.9	2.0	7.1	4.5	2.1	8.2	5.5	2.3	8.6	6.1	2.6	8.9	6.6	3.0	
			15	6.8	3.2	2.0	7.3	3.7	2.2	8.4	4.5	2.3	8.8	5.0	2.6	9.1	5.4	3.1	
			19	7.9	2.6	2.2	8.4	2.9	2.3	9.8	3.6	2.5	10.2	3.9	2.8	10.6	4.3	3.4	
		24	16	7.1	4.0	2.0	7.6	4.6	2.2	8.8	5.6	2.3	9.2	6.2	2.6	9.5	6.7	3.1	
			19	8.1	3.9	2.2	8.6	4.5	2.4	10.0	5.5	2.5	10.5	6.0	2.9	10.8	6.6	3.4	
			23	7.9	1.8	2.3	8.5	2.1	2.5	9.8	2.6	2.6	10.2	2.8	3.0	10.6	3.1	3.5	
		27	16	7.4	5.1	2.2	7.9	5.7	2.3	9.2	7.1	2.5	9.6	7.8	2.8	9.9	8.4	3.3	
			19	8.3	5.0	2.2	8.8	5.7	2.4	10.2	7.0	2.6	10.7	7.7	2.9	11.0	8.4	3.4	
			23	8.7	3.4	2.3	9.3	3.9	2.4	10.8	4.7	2.6	11.3	5.2	3.0	11.7	5.7	3.5	
	29	19	8.4	5.4	2.2	9.0	6.1	2.4	10.4	7.5	2.6	10.9	8.3	2.9	11.2	9.0	3.5		
		30	16	7.8	5.6	2.2	8.3	6.4	2.3	9.7	7.9	2.5	10.1	8.7	2.8	10.4	9.4	3.4	
			19	8.5	5.7	2.2	9.1	6.5	2.4	10.5	8.0	2.6	11.0	8.8	2.9	11.3	9.6	3.5	
	23		8.9	4.7	2.3	9.5	5.3	2.5	11.1	6.6	2.6	11.5	7.2	3.0	11.9	7.8	3.5		
	32	16	8.2	6.1	2.2	8.8	6.9	2.4	10.2	8.5	2.6	10.6	9.4	2.9	11.0	10.2	3.4		
		19	8.7	6.4	2.3	9.3	7.3	2.4	10.8	9.0	2.6	11.3	9.9	3.0	11.7	10.7	3.5		
		23	9.0	5.8	2.3	9.6	6.6	2.5	11.2	8.1	2.6	11.6	9.0	3.0	12.0	9.7	3.5		
	Medium	1570	18	9	5.2	2.4	1.6	5.6	2.7	1.8	6.5	3.3	1.9	6.8	3.6	2.1	7.0	3.9	2.5
				12	5.4	1.5	1.7	5.8	1.8	1.8	6.7	2.2	2.0	7.0	2.4	2.2	7.2	2.6	2.6
				15	6.5	1.6	1.9	7.0	1.8	2.0	8.1	2.2	2.2	8.5	2.4	2.4	8.7	2.7	2.9
			21	12	6.5	3.6	2.0	7.0	4.1	2.1	8.1	5.0	2.3	8.4	5.5	2.6	8.7	6.0	3.0
				15	6.7	2.9	2.0	7.1	3.3	2.2	8.3	4.1	2.3	8.6	4.5	2.6	8.9	4.9	3.1
19				7.8	2.3	2.2	8.3	2.6	2.3	9.6	3.2	2.5	10.0	3.6	2.8	10.3	3.9	3.3	
24			16	7.0	3.7	2.0	7.4	4.2	2.2	8.6	5.1	2.3	9.0	5.7	2.6	9.3	6.2	3.1	
			19	7.9	3.6	2.2	8.5	4.1	2.3	9.8	5.0	2.5	10.2	5.5	2.8	10.6	6.0	3.4	
			23	7.8	1.7	2.3	8.3	1.9	2.4	9.6	2.4	2.6	10.0	2.6	3.0	10.4	2.8	3.5	
27			16	7.3	4.6	2.1	7.8	5.2	2.3	9.0	6.4	2.5	9.4	7.1	2.8	9.7	7.7	3.3	
			19	8.1	4.6	2.2	8.6	5.2	2.4	10.0	6.4	2.5	10.5	7.0	2.9	10.8	7.6	3.4	
			23	8.6	3.1	2.2	9.1	3.5	2.4	10.6	4.3	2.6	11.1	4.8	2.9	11.4	5.2	3.5	
29		19	8.2	4.9	2.2	8.8	5.5	2.4	10.2	6.8	2.6	10.7	7.5	2.9	11.0	8.2	3.4		
		30	16	7.7	5.1	2.2	8.2	5.8	2.3	9.5	7.2	2.5	9.9	7.9	2.8	10.2	8.6	3.3	
			19	8.3	5.2	2.2	8.9	5.9	2.4	10.3	7.3	2.6	10.8	8.0	2.9	11.1	8.7	3.4	
23			8.7	4.3	2.3	9.3	4.9	2.4	10.8	6.0	2.6	11.3	6.6	3.0	11.7	7.1	3.5		
32		16	8.1	5.6	2.2	8.6	6.3	2.4	10.0	7.8	2.5	10.4	8.5	2.9	10.7	9.3	3.4		
		19	8.6	5.9	2.2	9.1	6.6	2.4	10.6	8.2	2.6	11.1	9.0	2.9	11.4	9.8	3.5		
		23	9.0	5.4	2.3	9.6	6.1	2.5	11.2	7.6	2.6	11.6	8.3	3.0	12.0	9.0	3.5		
Low		1500	18	9	5.0	2.2	1.6	5.3	2.4	1.7	6.2	3.0	1.9	6.4	3.3	2.1	6.6	3.6	2.5
				12	5.2	1.4	1.7	5.5	1.6	1.8	6.4	2.0	1.9	6.7	2.2	2.2	6.9	2.3	2.6
				15	6.2	1.4	1.9	6.6	1.6	2.0	7.7	2.0	2.1	8.0	2.2	2.4	8.3	2.4	2.8
			21	12	6.2	3.3	1.9	6.6	3.7	2.1	7.7	4.6	2.2	8.0	5.0	2.5	8.2	5.4	3.0
				15	6.3	2.7	2.0	6.8	3.0	2.1	7.9	3.7	2.3	8.2	4.1	2.6	8.4	4.5	3.1
	19			7.4	2.1	2.1	7.9	2.4	2.3	9.1	2.9	2.5	9.5	3.2	2.8	9.8	3.5	3.3	
	24		16	6.6	3.4	2.0	7.1	3.8	2.1	8.2	4.7	2.3	8.6	5.1	2.6	8.8	5.6	3.1	
			19	7.5	3.3	2.2	8.0	3.7	2.3	9.3	4.5	2.5	9.7	5.0	2.8	10.0	5.4	3.3	
			23	7.4	1.5	2.2	7.9	1.7	2.4	9.1	2.1	2.6	9.5	2.4	2.9	9.8	2.6	3.5	
	27		16	6.9	4.2	2.1	7.4	4.7	2.3	8.6	5.8	2.4	8.9	6.4	2.8	9.2	7.0	3.3	
			19	7.7	4.2	2.2	8.2	4.7	2.3	9.5	5.8	2.5	9.9	6.4	2.8	10.2	6.9	3.4	
			23	8.1	2.8	2.2	8.7	3.2	2.4	10.1	3.9	2.6	10.5	4.3	2.9	10.8	4.7	3.4	
	29	19	7.8	4.4	2.2	8.3	5.0	2.4	9.7	6.2	2.5	10.1	6.8	2.9	10.4	7.4	3.4		
		30	16	7.3	4.7	2.1	7.8	5.3	2.3	9.0	6.5	2.5	9.4	7.2	2.8	9.7	7.8	3.3	
			19	7.9	4.7	2.2	8.4	5.4	2.4	9.8	6.6	2.5	10.2	7.3	2.9	10.5	7.9	3.4	
	23		8.3	3.9	2.2	8.9	4.4	2.4	10.3	5.4	2.6	10.7	6.0	2.9	11.1	6.5	3.5		
	32	16	7.6	5.1	2.2	8.2	5.7	2.3	9.5	7.1	2.5	9.9	7.8	2.8	10.2	8.4	3.4		
		19	8.1	5.3	2.2	8.7	6.0	2.4	10.1	7.4	2.6	10.5	8.2	2.9	10.8	8.9	3.4		
		23	9.0	5.2	2.3	9.6	5.9	2.5	11.2	7.2	2.6	11.6	8.0	3.0	12.0	8.6	3.5		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)											
				39			43			46			48		
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
High	1660	18	9	7.0	4.3	2.8	5.7	3.6	2.3	5.3	3.4	2.1	5.0	3.2	2.2
			12	7.2	2.8	2.9	5.9	2.3	2.4	5.5	2.2	2.2	5.2	2.1	2.3
			15	8.7	2.9	3.2	7.1	2.4	2.6	6.7	2.3	2.5	6.2	2.2	2.5
		21	12	8.7	6.5	3.3	7.1	5.4	2.7	6.7	5.2	2.6	6.2	4.9	2.7
			15	8.9	5.3	3.4	7.3	4.4	2.8	6.8	4.2	2.6	6.4	4.0	2.7
			19	10.3	4.2	3.7	8.4	3.5	3.0	7.9	3.3	2.8	7.4	3.2	2.9
		24	16	9.3	6.7	3.4	7.6	5.6	2.8	7.1	5.3	2.6	6.6	5.1	2.7
			19	10.6	6.5	3.7	8.6	5.4	3.0	8.1	5.2	2.9	7.5	4.9	2.9
			23	10.4	3.1	3.8	8.5	2.5	3.2	7.9	2.4	3.0	7.4	2.3	3.1
		27	16	9.7	8.3	3.6	7.9	6.9	3.0	7.4	6.6	2.8	6.9	6.3	2.9
			19	10.8	8.3	3.7	8.8	6.9	3.1	8.3	6.6	2.9	7.7	6.3	3.0
			23	11.4	5.6	3.8	9.3	4.7	3.1	8.7	4.5	3.0	8.2	4.2	3.0
		29	19	11.0	8.9	3.8	9.0	7.4	3.1	8.4	7.1	2.9	7.9	6.7	3.0
			16	10.2	9.3	3.7	8.3	7.8	3.0	7.8	7.4	2.8	7.3	7.0	2.9
			19	11.1	9.5	3.8	9.1	7.9	3.1	8.5	7.5	2.9	7.9	7.2	3.0
		30	23	11.7	7.7	3.8	9.5	6.5	3.2	8.9	6.2	3.0	8.3	5.9	3.1
			16	10.7	10.1	3.7	8.8	8.4	3.1	8.2	8.0	2.9	7.7	7.6	3.0
			19	11.4	10.6	3.8	9.3	8.8	3.1	8.7	8.4	3.0	8.2	8.0	3.0
32	23	11.8	9.6	3.8	9.6	8.0	3.2	9.0	7.7	3.0	8.4	7.3	3.1		
	9	6.8	3.9	2.7	5.6	3.3	2.3	5.2	3.1	2.1	4.9	3.0	2.2		
	12	7.1	2.6	2.9	5.8	2.1	2.4	5.4	2.0	2.2	5.1	1.9	2.3		
Medium	1570	18	15	8.6	2.6	3.1	7.0	2.2	2.6	6.5	2.1	2.4	6.1	2.0	2.5
			12	8.5	5.9	3.3	7.0	4.9	2.7	6.5	4.7	2.6	6.1	4.5	2.6
			15	8.7	4.9	3.4	7.1	4.0	2.8	6.7	3.9	2.6	6.2	3.7	2.7
		21	19	10.1	3.8	3.6	8.3	3.2	3.0	7.8	3.1	2.8	7.2	2.9	2.9
			16	9.1	6.1	3.4	7.4	5.1	2.8	7.0	4.8	2.6	6.5	4.6	2.7
			19	10.4	5.9	3.7	8.5	4.9	3.0	7.9	4.7	2.8	7.4	4.5	2.9
		24	23	10.1	2.8	3.8	8.3	2.3	3.1	7.8	2.2	3.0	7.2	2.1	3.0
			16	9.5	7.6	3.6	7.8	6.3	3.0	7.3	6.0	2.8	6.8	5.8	2.9
			19	10.6	7.5	3.7	8.6	6.3	3.0	8.1	6.0	2.9	7.5	5.7	2.9
		27	23	11.2	5.1	3.8	9.1	4.3	3.1	8.6	4.1	2.9	8.0	3.9	3.0
			19	10.8	8.1	3.7	8.8	6.7	3.1	8.2	6.4	2.9	7.7	6.1	3.0
			16	10.0	8.5	3.6	8.2	7.1	3.0	7.7	6.8	2.8	7.2	6.4	2.9
		30	19	10.9	8.6	3.7	8.9	7.2	3.1	8.3	6.9	2.9	7.8	6.5	3.0
			23	11.4	7.1	3.8	9.3	5.9	3.1	8.7	5.6	3.0	8.2	5.3	3.0
			16	10.5	9.2	3.7	8.6	7.6	3.0	8.1	7.3	2.9	7.5	6.9	2.9
		32	19	11.2	9.7	3.8	9.1	8.1	3.1	8.6	7.7	2.9	8.0	7.3	3.0
			23	11.8	8.9	3.8	9.6	7.4	3.2	9.0	7.1	3.0	8.4	6.8	3.1
			9	6.5	3.5	2.7	5.3	3.0	2.2	5.0	2.8	2.1	4.6	2.7	2.2
Low	1500	18	12	6.7	2.3	2.8	5.5	1.9	2.3	5.2	1.8	2.2	4.8	1.8	2.3
			15	8.1	2.4	3.1	6.6	2.0	2.6	6.2	1.9	2.4	5.8	1.8	2.5
			12	8.1	5.4	3.3	6.6	4.5	2.7	6.2	4.3	2.5	5.8	4.1	2.6
		21	15	8.3	4.4	3.3	6.8	3.7	2.7	6.3	3.5	2.6	5.9	3.3	2.7
			19	9.6	3.5	3.6	7.9	2.9	3.0	7.4	2.8	2.8	6.9	2.6	2.9
			16	8.6	5.5	3.3	7.1	4.6	2.7	6.6	4.4	2.6	6.2	4.2	2.7
		24	19	9.8	5.4	3.6	8.0	4.5	3.0	7.5	4.3	2.8	7.0	4.1	2.9
			23	9.6	2.5	3.8	7.9	2.1	3.1	7.4	2.0	2.9	6.9	1.9	3.0
			16	9.0	6.9	3.5	7.4	5.7	2.9	6.9	5.5	2.8	6.4	5.2	2.8
		27	19	10.0	6.8	3.7	8.2	5.7	3.0	7.7	5.4	2.8	7.2	5.2	2.9
			23	10.6	4.6	3.7	8.7	3.9	3.1	8.1	3.7	2.9	7.6	3.5	3.0
			19	10.2	7.3	3.7	8.3	6.1	3.0	7.8	5.8	2.9	7.3	5.6	2.9
		29	16	9.5	7.7	3.6	7.8	6.4	3.0	7.3	6.1	2.8	6.8	5.8	2.9
			19	10.3	7.8	3.7	8.4	6.5	3.0	7.9	6.2	2.9	7.4	5.9	2.9
			23	10.8	6.4	3.8	8.9	5.3	3.1	8.3	5.1	2.9	7.7	4.9	3.0
		30	16	10.0	8.3	3.7	8.2	6.9	3.0	7.6	6.6	2.8	7.1	6.3	2.9
			19	10.6	8.8	3.7	8.7	7.3	3.1	8.1	7.0	2.9	7.6	6.6	3.0
			23	11.8	8.6	3.8	9.6	7.1	3.2	9.0	6.8	3.0	8.4	6.5	3.1

4.3.3 GUHD*N*3CO with GTH*K3CI

Outdoor Unit:GUHD09NK3CO Indoor Unit:GTH09K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)															
				18			21			25			30			35			
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	650	18	9	1.5	0.7	0.4	1.6	0.8	0.4	1.8	1.0	0.5	1.9	1.1	0.5	1.9	1.2	0.6	
			12	1.5	0.5	0.4	1.6	0.5	0.5	1.9	0.7	0.5	2.0	0.7	0.6	2.0	0.8	0.7	
			15	1.8	0.5	0.5	1.9	0.6	0.5	2.3	0.7	0.5	2.4	0.8	0.6	2.4	0.8	0.7	
		21	12	1.8	1.1	0.5	1.9	1.3	0.5	2.2	1.6	0.6	2.3	1.7	0.6	2.4	1.9	0.8	
			15	1.9	0.9	0.5	2.0	1.0	0.5	2.3	1.3	0.6	2.4	1.4	0.7	2.5	1.5	0.8	
			19	2.2	0.7	0.5	2.3	0.8	0.6	2.7	1.0	0.6	2.8	1.1	0.7	2.9	1.2	0.8	
		24	16	1.9	1.1	0.5	2.1	1.3	0.5	2.4	1.6	0.6	2.5	1.8	0.7	2.6	1.9	0.8	
			19	2.2	1.1	0.6	2.4	1.3	0.6	2.7	1.6	0.6	2.9	1.7	0.7	2.9	1.9	0.8	
			23	2.2	0.5	0.6	2.3	0.6	0.6	2.7	0.7	0.7	2.8	0.8	0.8	2.9	0.9	0.9	
		27	16	2.0	1.4	0.5	2.2	1.6	0.6	2.5	2.0	0.6	2.6	2.2	0.7	2.7	2.4	0.8	
			19	2.3	1.4	0.6	2.4	1.6	0.6	2.8	2.0	0.6	2.9	2.2	0.7	3.0	2.4	0.9	
			23	2.4	1.0	0.6	2.5	1.1	0.6	3.0	1.3	0.7	3.1	1.5	0.7	3.2	1.6	0.9	
	29	19	2.3	1.5	0.6	2.4	1.7	0.6	2.8	2.1	0.6	3.0	2.3	0.7	3.1	2.5	0.9		
		16	2.1	1.6	0.5	2.3	1.8	0.6	2.6	2.2	0.6	2.8	2.5	0.7	2.8	2.7	0.8		
		19	2.3	1.6	0.6	2.5	1.8	0.6	2.9	2.3	0.6	3.0	2.5	0.7	3.1	2.7	0.9		
	30	23	2.4	1.3	0.6	2.6	1.5	0.6	3.0	1.9	0.7	3.1	2.0	0.8	3.2	2.2	0.9		
		16	2.2	1.7	0.6	2.4	2.0	0.6	2.8	2.4	0.6	2.9	2.7	0.7	3.0	2.9	0.9		
		19	2.4	1.8	0.6	2.5	2.1	0.6	3.0	2.5	0.7	3.1	2.8	0.7	3.2	3.0	0.9		
	32	23	2.5	1.7	0.6	2.6	1.9	0.6	3.0	2.3	0.7	3.2	2.5	0.8	3.3	2.8	0.9		
		9	1.4	0.7	0.4	1.5	0.8	0.4	1.8	0.9	0.5	1.8	1.0	0.5	1.9	1.1	0.6		
		12	1.5	0.4	0.4	1.6	0.5	0.5	1.8	0.6	0.5	1.9	0.7	0.6	2.0	0.7	0.7		
	Medium	550	18	15	1.8	0.5	0.5	1.9	0.5	0.5	2.2	0.6	0.5	2.3	0.7	0.6	2.4	0.8	0.7
				12	1.8	1.0	0.5	1.9	1.2	0.5	2.2	1.4	0.6	2.3	1.6	0.6	2.4	1.7	0.8
				15	1.8	0.8	0.5	1.9	0.9	0.5	2.3	1.2	0.6	2.4	1.3	0.7	2.4	1.4	0.8
21			19	2.1	0.7	0.5	2.3	0.7	0.6	2.6	0.9	0.6	2.7	1.0	0.7	2.8	1.1	0.8	
			16	1.9	1.0	0.5	2.0	1.2	0.5	2.4	1.5	0.6	2.5	1.6	0.7	2.5	1.7	0.8	
			19	2.2	1.0	0.5	2.3	1.2	0.6	2.7	1.4	0.6	2.8	1.6	0.7	2.9	1.7	0.8	
24			23	2.1	0.5	0.6	2.3	0.5	0.6	2.6	0.7	0.7	2.7	0.7	0.7	2.8	0.8	0.9	
			16	2.0	1.3	0.5	2.1	1.5	0.6	2.5	1.8	0.6	2.6	2.0	0.7	2.6	2.2	0.8	
			19	2.2	1.3	0.6	2.4	1.5	0.6	2.7	1.8	0.6	2.9	2.0	0.7	2.9	2.2	0.8	
27			23	2.3	0.9	0.6	2.5	1.0	0.6	2.9	1.2	0.6	3.0	1.4	0.7	3.1	1.5	0.9	
			19	2.2	1.4	0.6	2.4	1.6	0.6	2.8	1.9	0.6	2.9	2.1	0.7	3.0	2.3	0.9	
			16	2.1	1.5	0.5	2.2	1.7	0.6	2.6	2.0	0.6	2.7	2.2	0.7	2.8	2.4	0.8	
30		19	2.3	1.5	0.6	2.4	1.7	0.6	2.8	2.1	0.6	2.9	2.3	0.7	3.0	2.5	0.9		
		23	2.4	1.2	0.6	2.5	1.4	0.6	3.0	1.7	0.7	3.1	1.9	0.7	3.2	2.0	0.9		
		16	2.2	1.6	0.6	2.3	1.8	0.6	2.7	2.2	0.6	2.8	2.4	0.7	2.9	2.6	0.8		
32		19	2.3	1.7	0.6	2.5	1.9	0.6	2.9	2.3	0.6	3.0	2.6	0.7	3.1	2.8	0.9		
		23	2.5	1.5	0.6	2.6	1.7	0.6	3.0	2.1	0.7	3.2	2.4	0.8	3.3	2.6	0.9		
		9	1.4	0.6	0.4	1.4	0.7	0.4	1.7	0.9	0.5	1.8	0.9	0.5	1.8	1.0	0.6		
Low		450	18	12	1.4	0.4	0.4	1.5	0.5	0.5	1.7	0.6	0.5	1.8	0.6	0.6	1.9	0.7	0.6
				15	1.7	0.4	0.5	1.8	0.5	0.5	2.1	0.6	0.5	2.2	0.6	0.6	2.3	0.7	0.7
				12	1.7	0.9	0.5	1.8	1.0	0.5	2.1	1.3	0.6	2.2	1.4	0.6	2.2	1.5	0.7
			21	15	1.7	0.8	0.5	1.8	0.9	0.5	2.1	1.1	0.6	2.2	1.2	0.7	2.3	1.3	0.8
				19	2.0	0.6	0.5	2.1	0.7	0.6	2.5	0.8	0.6	2.6	0.9	0.7	2.7	1.0	0.8
				16	1.8	1.0	0.5	1.9	1.1	0.5	2.2	1.3	0.6	2.3	1.5	0.7	2.4	1.6	0.8
	24		19	2.1	0.9	0.5	2.2	1.0	0.6	2.5	1.3	0.6	2.7	1.4	0.7	2.7	1.5	0.8	
			23	2.0	0.4	0.6	2.1	0.5	0.6	2.5	0.6	0.6	2.6	0.7	0.7	2.7	0.7	0.9	
			16	1.9	1.2	0.5	2.0	1.3	0.6	2.3	1.7	0.6	2.4	1.8	0.7	2.5	2.0	0.8	
	27		19	2.1	1.2	0.5	2.2	1.3	0.6	2.6	1.6	0.6	2.7	1.8	0.7	2.8	2.0	0.8	
			23	2.2	0.8	0.6	2.4	0.9	0.6	2.8	1.1	0.6	2.9	1.2	0.7	3.0	1.3	0.9	
			19	2.1	1.3	0.6	2.3	1.4	0.6	2.6	1.8	0.6	2.8	1.9	0.7	2.8	2.1	0.8	
	29	16	2.0	1.3	0.5	2.1	1.5	0.6	2.5	1.8	0.6	2.6	2.0	0.7	2.6	2.2	0.8		
		19	2.2	1.3	0.6	2.3	1.5	0.6	2.7	1.9	0.6	2.8	2.1	0.7	2.9	2.2	0.8		
		23	2.3	1.1	0.6	2.4	1.2	0.6	2.8	1.5	0.6	2.9	1.7	0.7	3.0	1.8	0.9		
	30	16	2.1	1.4	0.5	2.2	1.6	0.6	2.6	2.0	0.6	2.7	2.2	0.7	2.8	2.4	0.8		
		19	2.2	1.5	0.6	2.4	1.7	0.6	2.8	2.1	0.6	2.9	2.3	0.7	3.0	2.5	0.9		
		23	2.5	1.5	0.6	2.6	1.7	0.6	3.0	2.1	0.7	3.2	2.3	0.8	3.3	2.5	0.9		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)													
				39			43			46			48				
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	650	18	9	1.9	1.2	0.7	1.6	1.0	0.6	1.5	1.0	0.5	1.4	0.9	0.6		
			12	2.0	0.8	0.7	1.6	0.7	0.6	1.5	0.6	0.6	1.4	0.6	0.6		
			15	2.4	0.8	0.8	1.9	0.7	0.7	1.8	0.7	0.6	1.7	0.6	0.6		
		21	12	2.4	1.8	0.8	1.9	1.5	0.7	1.8	1.5	0.6	1.7	1.4	0.7		
			15	2.4	1.5	0.9	2.0	1.3	0.7	1.9	1.2	0.7	1.7	1.1	0.7		
			19	2.8	1.2	0.9	2.3	1.0	0.8	2.2	0.9	0.7	2.0	0.9	0.7		
		24	16	2.5	1.9	0.9	2.1	1.6	0.7	1.9	1.5	0.7	1.8	1.4	0.7		
			19	2.9	1.8	0.9	2.4	1.5	0.8	2.2	1.5	0.7	2.1	1.4	0.7		
			23	2.8	0.9	1.0	2.3	0.7	0.8	2.2	0.7	0.8	2.0	0.7	0.8		
		27	16	2.6	2.4	0.9	2.2	2.0	0.7	2.0	1.9	0.7	1.9	1.8	0.7		
			19	2.9	2.3	0.9	2.4	2.0	0.8	2.3	1.9	0.7	2.1	1.8	0.7		
			23	3.1	1.6	1.0	2.5	1.3	0.8	2.4	1.3	0.7	2.2	1.2	0.8		
		29	19	3.0	2.5	0.9	2.4	2.1	0.8	2.3	2.0	0.7	2.1	1.9	0.8		
			30	16	2.8	2.6	0.9	2.3	2.2	0.8	2.1	2.1	0.7	2.0	2.0	0.7	
				19	3.0	2.7	0.9	2.5	2.2	0.8	2.3	2.1	0.7	2.2	2.0	0.8	
		23		3.2	2.2	1.0	2.6	1.8	0.8	2.4	1.7	0.8	2.3	1.7	0.8		
		32	16	2.9	2.9	0.9	2.4	2.4	0.8	2.2	2.3	0.7	2.1	2.2	0.7		
			19	3.1	3.0	1.0	2.5	2.5	0.8	2.4	2.4	0.7	2.2	2.3	0.8		
			23	3.2	2.7	1.0	2.6	2.3	0.8	2.5	2.2	0.8	2.3	2.1	0.8		
		Medium	550	18	9	1.9	1.1	0.7	1.5	0.9	0.6	1.4	0.9	0.5	1.3	0.8	0.5
					12	1.9	0.7	0.7	1.6	0.6	0.6	1.5	0.6	0.6	1.4	0.5	0.6
					15	2.3	0.7	0.8	1.9	0.6	0.6	1.8	0.6	0.6	1.7	0.6	0.6
				21	12	2.3	1.7	0.8	1.9	1.4	0.7	1.8	1.3	0.6	1.7	1.3	0.7
					15	2.4	1.4	0.8	1.9	1.1	0.7	1.8	1.1	0.7	1.7	1.0	0.7
19	2.8				1.1	0.9	2.3	0.9	0.7	2.1	0.9	0.7	2.0	0.8	0.7		
24	16			2.5	1.7	0.8	2.0	1.4	0.7	1.9	1.4	0.7	1.8	1.3	0.7		
	19			2.8	1.7	0.9	2.3	1.4	0.8	2.2	1.3	0.7	2.0	1.3	0.7		
	23			2.8	0.8	1.0	2.3	0.7	0.8	2.1	0.6	0.7	2.0	0.6	0.8		
27	16			2.6	2.2	0.9	2.1	1.8	0.7	2.0	1.7	0.7	1.9	1.6	0.7		
	19			2.9	2.1	0.9	2.4	1.8	0.8	2.2	1.7	0.7	2.1	1.6	0.7		
	23			3.1	1.5	0.9	2.5	1.2	0.8	2.3	1.2	0.7	2.2	1.1	0.8		
29	19			2.9	2.3	0.9	2.4	1.9	0.8	2.2	1.8	0.7	2.1	1.7	0.7		
	30			16	2.7	2.4	0.9	2.2	2.0	0.7	2.1	1.9	0.7	2.0	1.8	0.7	
				19	3.0	2.4	0.9	2.4	2.0	0.8	2.3	1.9	0.7	2.1	1.8	0.7	
23				3.1	2.0	1.0	2.5	1.7	0.8	2.4	1.6	0.7	2.2	1.5	0.8		
32	16			2.9	2.6	0.9	2.3	2.2	0.8	2.2	2.1	0.7	2.1	2.0	0.7		
	19			3.1	2.7	0.9	2.5	2.3	0.8	2.3	2.2	0.7	2.2	2.1	0.8		
	23			3.2	2.5	1.0	2.6	2.1	0.8	2.5	2.0	0.8	2.3	1.9	0.8		
Low	450			18	9	1.8	1.0	0.7	1.4	0.8	0.6	1.4	0.8	0.5	1.3	0.8	0.5
					12	1.8	0.7	0.7	1.5	0.5	0.6	1.4	0.5	0.6	1.3	0.5	0.6
					15	2.2	0.7	0.8	1.8	0.6	0.6	1.7	0.5	0.6	1.6	0.5	0.6
				21	12	2.2	1.5	0.8	1.8	1.3	0.7	1.7	1.2	0.6	1.6	1.2	0.7
					15	2.3	1.2	0.8	1.8	1.0	0.7	1.7	1.0	0.7	1.6	0.9	0.7
		19	2.6		1.0	0.9	2.1	0.8	0.7	2.0	0.8	0.7	1.9	0.7	0.7		
		24	16	2.4	1.6	0.8	1.9	1.3	0.7	1.8	1.2	0.7	1.7	1.2	0.7		
			19	2.7	1.5	0.9	2.2	1.3	0.7	2.1	1.2	0.7	1.9	1.2	0.7		
			23	2.6	0.7	0.9	2.1	0.6	0.8	2.0	0.6	0.7	1.9	0.5	0.8		
		27	16	2.5	2.0	0.9	2.0	1.6	0.7	1.9	1.6	0.7	1.8	1.5	0.7		
			19	2.7	1.9	0.9	2.2	1.6	0.8	2.1	1.5	0.7	2.0	1.5	0.7		
			23	2.9	1.3	0.9	2.4	1.1	0.8	2.2	1.0	0.7	2.1	1.0	0.7		
		29	19	2.8	2.1	0.9	2.3	1.7	0.8	2.1	1.7	0.7	2.0	1.6	0.7		
			30	16	2.6	2.2	0.9	2.1	1.8	0.7	2.0	1.7	0.7	1.9	1.7	0.7	
				19	2.8	2.2	0.9	2.3	1.8	0.8	2.2	1.8	0.7	2.0	1.7	0.7	
		23		3.0	1.8	0.9	2.4	1.5	0.8	2.3	1.4	0.7	2.1	1.4	0.8		
		32	16	2.7	2.4	0.9	2.2	2.0	0.8	2.1	1.9	0.7	1.9	1.8	0.7		
			19	2.9	2.5	0.9	2.4	2.1	0.8	2.2	2.0	0.7	2.1	1.9	0.7		
			23	3.2	2.4	1.0	2.6	2.0	0.8	2.5	1.9	0.8	2.3	1.8	0.8		

Outdoor Unit:GUHD12NK3CO Indoor Unit:GTH12K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)															
				18			21			25			30			35			
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	700	18	9	1.7	0.8	0.5	1.8	0.9	0.5	2.0	1.2	0.6	2.1	1.3	0.7	2.2	1.4	0.8	
			12	1.7	0.5	0.5	1.8	0.6	0.6	2.1	0.8	0.6	2.2	0.8	0.7	2.3	0.9	0.8	
			15	2.1	0.6	0.6	2.2	0.6	0.6	2.6	0.8	0.7	2.7	0.9	0.8	2.8	0.9	0.9	
		21	12	2.1	1.3	0.6	2.2	1.4	0.7	2.5	1.8	0.7	2.7	1.9	0.8	2.7	2.1	0.9	
			15	2.1	1.0	0.6	2.2	1.2	0.7	2.6	1.4	0.7	2.7	1.6	0.8	2.8	1.7	1.0	
			19	2.4	0.8	0.7	2.6	0.9	0.7	3.0	1.1	0.8	3.2	1.3	0.9	3.3	1.4	1.0	
		24	16	2.2	1.3	0.6	2.3	1.5	0.7	2.7	1.8	0.7	2.8	2.0	0.8	2.9	2.2	1.0	
			19	2.5	1.3	0.7	2.7	1.4	0.7	3.1	1.8	0.8	3.2	1.9	0.9	3.3	2.1	1.0	
			23	2.4	0.6	0.7	2.6	0.7	0.8	3.0	0.8	0.8	3.2	0.9	0.9	3.3	1.0	1.1	
		27	16	2.3	1.6	0.7	2.4	1.8	0.7	2.8	2.3	0.8	3.0	2.5	0.9	3.1	2.7	1.0	
			19	2.6	1.6	0.7	2.7	1.8	0.7	3.2	2.2	0.8	3.3	2.5	0.9	3.4	2.7	1.1	
			23	2.7	1.1	0.7	2.9	1.2	0.8	3.4	1.5	0.8	3.5	1.7	0.9	3.6	1.8	1.1	
	29	19	2.6	1.7	0.7	2.8	2.0	0.7	3.2	2.4	0.8	3.4	2.7	0.9	3.5	2.9	1.1		
		30	16	2.4	1.8	0.7	2.6	2.1	0.7	3.0	2.5	0.8	3.1	2.8	0.9	3.2	3.0	1.0	
			19	2.6	1.8	0.7	2.8	2.1	0.7	3.3	2.6	0.8	3.4	2.8	0.9	3.5	3.1	1.1	
	23		2.8	1.5	0.7	2.9	1.7	0.8	3.4	2.1	0.8	3.6	2.3	0.9	3.7	2.5	1.1		
	32	16	2.5	2.0	0.7	2.7	2.2	0.7	3.2	2.7	0.8	3.3	3.0	0.9	3.4	3.3	1.1		
		19	2.7	2.1	0.7	2.9	2.3	0.8	3.4	2.9	0.8	3.5	3.2	0.9	3.6	3.4	1.1		
		23	2.8	1.9	0.7	3.0	2.1	0.8	3.5	2.6	0.8	3.6	2.9	0.9	3.7	3.1	1.1		
	Medium	600	18	9	1.6	0.8	0.5	1.7	0.9	0.5	2.0	1.1	0.6	2.1	1.2	0.7	2.2	1.3	0.8
				12	1.7	0.5	0.5	1.8	0.6	0.6	2.1	0.7	0.6	2.2	0.8	0.7	2.2	0.8	0.8
				15	2.0	0.5	0.6	2.2	0.6	0.6	2.5	0.7	0.7	2.6	0.8	0.8	2.7	0.9	0.9
			21	12	2.0	1.2	0.6	2.1	1.3	0.7	2.5	1.6	0.7	2.6	1.8	0.8	2.7	1.9	0.9
				15	2.1	0.9	0.6	2.2	1.1	0.7	2.6	1.3	0.7	2.7	1.5	0.8	2.8	1.6	1.0
19				2.4	0.7	0.7	2.6	0.8	0.7	3.0	1.0	0.8	3.1	1.1	0.9	3.2	1.2	1.0	
24			16	2.2	1.2	0.6	2.3	1.3	0.7	2.7	1.7	0.7	2.8	1.8	0.8	2.9	2.0	1.0	
			19	2.4	1.2	0.7	2.6	1.3	0.7	3.0	1.6	0.8	3.2	1.8	0.9	3.3	1.9	1.0	
			23	2.4	0.5	0.7	2.6	0.6	0.8	3.0	0.8	0.8	3.1	0.8	0.9	3.2	0.9	1.1	
27			16	2.2	1.5	0.7	2.4	1.7	0.7	2.8	2.1	0.8	2.9	2.3	0.9	3.0	2.5	1.0	
			19	2.5	1.5	0.7	2.7	1.7	0.7	3.1	2.0	0.8	3.2	2.3	0.9	3.3	2.4	1.0	
			23	2.6	1.0	0.7	2.8	1.1	0.7	3.3	1.4	0.8	3.4	1.5	0.9	3.5	1.7	1.1	
29		19	2.5	1.6	0.7	2.7	1.8	0.7	3.2	2.2	0.8	3.3	2.4	0.9	3.4	2.6	1.1		
		30	16	2.4	1.7	0.7	2.5	1.9	0.7	2.9	2.3	0.8	3.1	2.5	0.9	3.2	2.8	1.0	
			19	2.6	1.7	0.7	2.7	1.9	0.7	3.2	2.3	0.8	3.3	2.6	0.9	3.4	2.8	1.1	
23			2.7	1.4	0.7	2.9	1.6	0.8	3.4	1.9	0.8	3.5	2.1	0.9	3.6	2.3	1.1		
32		16	2.5	1.8	0.7	2.7	2.0	0.7	3.1	2.5	0.8	3.2	2.7	0.9	3.3	3.0	1.0		
		19	2.6	1.9	0.7	2.8	2.1	0.7	3.3	2.6	0.8	3.4	2.9	0.9	3.5	3.1	1.1		
		23	2.8	1.7	0.7	3.0	2.0	0.8	3.5	2.4	0.8	3.6	2.7	0.9	3.7	2.9	1.1		
Low		500	18	9	1.5	0.7	0.5	1.6	0.8	0.5	1.9	1.0	0.6	2.0	1.1	0.7	2.0	1.2	0.8
				12	1.6	0.5	0.5	1.7	0.5	0.6	2.0	0.6	0.6	2.1	0.7	0.7	2.1	0.8	0.8
				15	1.9	0.5	0.6	2.0	0.5	0.6	2.4	0.6	0.7	2.5	0.7	0.7	2.6	0.8	0.9
			21	12	1.9	1.0	0.6	2.0	1.2	0.6	2.4	1.5	0.7	2.5	1.6	0.8	2.5	1.7	0.9
				15	2.0	0.9	0.6	2.1	1.0	0.7	2.4	1.2	0.7	2.5	1.3	0.8	2.6	1.4	0.9
	19			2.3	0.7	0.7	2.4	0.8	0.7	2.8	0.9	0.8	2.9	1.0	0.9	3.0	1.1	1.0	
	24		16	2.0	1.1	0.6	2.2	1.2	0.7	2.5	1.5	0.7	2.6	1.7	0.8	2.7	1.8	0.9	
			19	2.3	1.0	0.7	2.5	1.2	0.7	2.9	1.5	0.8	3.0	1.6	0.9	3.1	1.7	1.0	
			23	2.3	0.5	0.7	2.4	0.6	0.7	2.8	0.7	0.8	2.9	0.8	0.9	3.0	0.8	1.1	
	27		16	2.1	1.3	0.7	2.3	1.5	0.7	2.6	1.9	0.8	2.8	2.1	0.9	2.8	2.2	1.0	
			19	2.4	1.3	0.7	2.5	1.5	0.7	2.9	1.9	0.8	3.1	2.0	0.9	3.2	2.2	1.0	
			23	2.5	0.9	0.7	2.7	1.0	0.7	3.1	1.3	0.8	3.3	1.4	0.9	3.4	1.5	1.1	
	29	19	2.4	1.4	0.7	2.6	1.6	0.7	3.0	2.0	0.8	3.1	2.2	0.9	3.2	2.4	1.0		
		30	16	2.2	1.5	0.7	2.4	1.7	0.7	2.8	2.1	0.8	2.9	2.3	0.9	3.0	2.5	1.0	
			19	2.4	1.5	0.7	2.6	1.7	0.7	3.0	2.1	0.8	3.2	2.3	0.9	3.3	2.5	1.0	
	23		2.6	1.2	0.7	2.7	1.4	0.7	3.2	1.7	0.8	3.3	1.9	0.9	3.4	2.1	1.1		
	32	16	2.4	1.6	0.7	2.5	1.8	0.7	2.9	2.3	0.8	3.1	2.5	0.9	3.2	2.7	1.0		
		19	2.5	1.7	0.7	2.7	1.9	0.7	3.1	2.4	0.8	3.3	2.6	0.9	3.4	2.9	1.1		
		23	2.8	1.7	0.7	3.0	1.9	0.8	3.5	2.3	0.8	3.6	2.6	0.9	3.7	2.8	1.1		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)											
				39			43			46			48		
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
High	700	18	9	2.2	1.4	0.9	1.8	1.1	0.7	1.7	1.1	0.7	1.5	1.0	0.7
			12	2.2	0.9	0.9	1.8	0.7	0.7	1.7	0.7	0.7	1.6	0.7	0.7
			15	2.7	0.9	1.0	2.2	0.8	0.8	2.1	0.7	0.8	1.9	0.7	0.8
		21	12	2.7	2.1	1.0	2.2	1.7	0.8	2.1	1.7	0.8	1.9	1.6	0.8
			15	2.8	1.7	1.1	2.2	1.4	0.9	2.1	1.4	0.8	2.0	1.3	0.8
			19	3.2	1.4	1.1	2.6	1.1	0.9	2.4	1.1	0.9	2.3	1.0	0.9
		24	16	2.9	2.1	1.1	2.3	1.8	0.9	2.2	1.7	0.8	2.1	1.6	0.8
			19	3.3	2.1	1.1	2.7	1.7	0.9	2.5	1.7	0.9	2.3	1.6	0.9
			23	3.2	1.0	1.2	2.6	0.8	1.0	2.4	0.8	0.9	2.3	0.7	0.9
		27	16	3.0	2.7	1.1	2.4	2.2	0.9	2.3	2.1	0.9	2.1	2.0	0.9
			19	3.3	2.7	1.2	2.7	2.2	1.0	2.6	2.1	0.9	2.4	2.0	0.9
			23	3.5	1.8	1.2	2.9	1.5	1.0	2.7	1.4	0.9	2.5	1.4	0.9
29	19	3.4	2.8	1.2	2.8	2.4	1.0	2.6	2.3	0.9	2.4	2.2	0.9		
	16	3.2	3.0	1.1	2.6	2.5	0.9	2.4	2.4	0.9	2.3	2.3	0.9		
	19	3.4	3.0	1.2	2.8	2.5	1.0	2.6	2.4	0.9	2.5	2.3	0.9		
30	23	3.6	2.5	1.2	2.9	2.1	1.0	2.8	2.0	0.9	2.6	1.9	0.9		
	16	3.3	3.2	1.2	2.7	2.7	1.0	2.5	2.6	0.9	2.4	2.4	0.9		
	19	3.5	3.4	1.2	2.9	2.8	1.0	2.7	2.7	0.9	2.5	2.6	0.9		
32	23	3.6	3.1	1.2	3.0	2.6	1.0	2.8	2.5	0.9	2.6	2.3	0.9		
	9	2.1	1.3	0.8	1.7	1.0	0.7	1.6	1.0	0.7	1.5	1.0	0.7		
	12	2.2	0.8	0.9	1.8	0.7	0.7	1.7	0.7	0.7	1.6	0.6	0.7		
Medium	600	18	15	2.6	0.8	1.0	2.2	0.7	0.8	2.0	0.7	0.8	1.9	0.6	0.8
			12	2.6	1.9	1.0	2.1	1.6	0.8	2.0	1.5	0.8	1.9	1.4	0.8
			15	2.7	1.6	1.0	2.2	1.3	0.9	2.1	1.2	0.8	1.9	1.2	0.8
		21	19	3.1	1.2	1.1	2.6	1.0	0.9	2.4	1.0	0.9	2.2	0.9	0.9
			16	2.8	2.0	1.0	2.3	1.6	0.9	2.2	1.6	0.8	2.0	1.5	0.8
			19	3.2	1.9	1.1	2.6	1.6	0.9	2.4	1.5	0.9	2.3	1.4	0.9
		24	23	3.1	0.9	1.2	2.6	0.7	1.0	2.4	0.7	0.9	2.2	0.7	0.9
			16	2.9	2.4	1.1	2.4	2.0	0.9	2.2	1.9	0.9	2.1	1.8	0.9
			19	3.3	2.4	1.1	2.7	2.0	0.9	2.5	1.9	0.9	2.3	1.8	0.9
		27	23	3.5	1.6	1.2	2.8	1.4	1.0	2.6	1.3	0.9	2.5	1.2	0.9
			19	3.3	2.6	1.2	2.7	2.2	1.0	2.5	2.1	0.9	2.4	2.0	0.9
			16	3.1	2.7	1.1	2.5	2.3	0.9	2.4	2.2	0.9	2.2	2.1	0.9
30	19	3.4	2.8	1.2	2.7	2.3	1.0	2.6	2.2	0.9	2.4	2.1	0.9		
	23	3.5	2.3	1.2	2.9	1.9	1.0	2.7	1.8	0.9	2.5	1.7	0.9		
	16	3.3	3.0	1.1	2.7	2.5	0.9	2.5	2.3	0.9	2.3	2.2	0.9		
32	19	3.5	3.1	1.2	2.8	2.6	1.0	2.6	2.5	0.9	2.5	2.4	0.9		
	23	3.6	2.9	1.2	3.0	2.4	1.0	2.8	2.3	0.9	2.6	2.2	0.9		
	9	2.0	1.1	0.8	1.6	0.9	0.7	1.5	0.9	0.7	1.4	0.9	0.7		
Low	500	18	12	2.1	0.7	0.9	1.7	0.6	0.7	1.6	0.6	0.7	1.5	0.6	0.7
			15	2.5	0.8	1.0	2.0	0.6	0.8	1.9	0.6	0.7	1.8	0.6	0.8
			12	2.5	1.7	1.0	2.0	1.4	0.8	1.9	1.4	0.8	1.8	1.3	0.8
		21	15	2.6	1.4	1.0	2.1	1.2	0.9	2.0	1.1	0.8	1.8	1.1	0.8
			19	3.0	1.1	1.1	2.4	0.9	0.9	2.3	0.9	0.9	2.1	0.8	0.9
			16	2.7	1.8	1.0	2.2	1.5	0.9	2.0	1.4	0.8	1.9	1.3	0.8
		24	19	3.0	1.7	1.1	2.5	1.4	0.9	2.3	1.4	0.9	2.2	1.3	0.9
			23	3.0	0.8	1.2	2.4	0.7	1.0	2.3	0.6	0.9	2.1	0.6	0.9
			16	2.8	2.2	1.1	2.3	1.8	0.9	2.1	1.8	0.9	2.0	1.7	0.9
		27	19	3.1	2.2	1.1	2.5	1.8	0.9	2.4	1.8	0.9	2.2	1.7	0.9
			23	3.3	1.5	1.2	2.7	1.2	1.0	2.5	1.2	0.9	2.3	1.1	0.9
			19	3.2	2.4	1.1	2.6	2.0	0.9	2.4	1.9	0.9	2.3	1.8	0.9
29	16	2.9	2.5	1.1	2.4	2.1	0.9	2.2	2.0	0.9	2.1	1.9	0.9		
	19	3.2	2.5	1.1	2.6	2.1	0.9	2.4	2.0	0.9	2.3	1.9	0.9		
	23	3.4	2.1	1.2	2.7	1.7	1.0	2.6	1.6	0.9	2.4	1.6	0.9		
30	16	3.1	2.7	1.1	2.5	2.2	0.9	2.4	2.1	0.9	2.2	2.0	0.9		
	19	3.3	2.8	1.2	2.7	2.3	1.0	2.5	2.2	0.9	2.3	2.1	0.9		
	23	3.6	2.8	1.2	3.0	2.3	1.0	2.8	2.2	0.9	2.6	2.1	0.9		

Outdoor Unit:GUHD18NK3CO Indoor Unit:GTH18K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																
				18			21			25			30			35				
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	900	18	9	2.6	1.3	0.8	2.7	1.5	0.9	3.2	1.8	0.9	3.3	2.0	1.0	3.4	2.2	1.2		
			12	2.7	0.8	0.8	2.9	1.0	0.9	3.3	1.2	1.0	3.5	1.3	1.1	3.6	1.4	1.3		
			15	3.2	0.9	0.9	3.4	1.0	1.0	4.0	1.2	1.1	4.2	1.3	1.2	4.3	1.5	1.4		
		21	12	3.2	2.0	1.0	3.4	2.2	1.0	4.0	2.8	1.1	4.1	3.0	1.3	4.3	3.3	1.5		
			15	3.3	1.6	1.0	3.5	1.8	1.1	4.1	2.3	1.1	4.2	2.5	1.3	4.4	2.7	1.5		
			19	3.8	1.3	1.1	4.1	1.4	1.1	4.7	1.8	1.2	4.9	2.0	1.4	5.1	2.1	1.6		
		24	16	3.4	2.0	1.0	3.7	2.3	1.1	4.3	2.8	1.1	4.4	3.1	1.3	4.6	3.4	1.5		
			19	3.9	2.0	1.1	4.2	2.2	1.1	4.8	2.7	1.2	5.0	3.0	1.4	5.2	3.3	1.6		
			23	3.8	0.9	1.1	4.1	1.1	1.2	4.7	1.3	1.3	4.9	1.4	1.4	5.1	1.5	1.7		
		27	16	3.6	2.5	1.0	3.8	2.9	1.1	4.4	3.5	1.2	4.6	3.9	1.4	4.8	4.2	1.6		
			19	4.0	2.5	1.1	4.2	2.8	1.2	4.9	3.5	1.2	5.1	3.9	1.4	5.3	4.2	1.7		
			23	4.2	1.7	1.1	4.5	1.9	1.2	5.2	2.4	1.3	5.4	2.6	1.4	5.6	2.8	1.7		
		29	19	4.1	2.7	1.1	4.3	3.0	1.2	5.0	3.8	1.2	5.2	4.1	1.4	5.4	4.5	1.7		
			30	16	3.8	2.8	1.1	4.0	3.2	1.1	4.7	3.9	1.2	4.9	4.3	1.4	5.0	4.7	1.6	
				19	4.1	2.9	1.1	4.4	3.3	1.2	5.1	4.0	1.2	5.3	4.4	1.4	5.5	4.8	1.7	
		23		4.3	2.4	1.1	4.6	2.7	1.2	5.3	3.3	1.3	5.6	3.6	1.4	5.7	3.9	1.7		
		32	16	4.0	3.1	1.1	4.2	3.5	1.2	4.9	4.3	1.2	5.1	4.7	1.4	5.3	5.1	1.6		
			19	4.2	3.2	1.1	4.5	3.7	1.2	5.2	4.5	1.3	5.4	4.9	1.4	5.6	5.4	1.7		
			23	4.3	2.9	1.1	4.6	3.3	1.2	5.4	4.1	1.3	5.6	4.5	1.4	5.8	4.9	1.7		
		Medium	800	18	9	2.5	1.2	0.8	2.7	1.3	0.8	3.1	1.7	0.9	3.3	1.8	1.0	3.4	2.0	1.2
					12	2.6	0.8	0.8	2.8	0.9	0.9	3.2	1.1	0.9	3.4	1.2	1.1	3.5	1.3	1.3
					15	3.2	0.8	0.9	3.4	0.9	1.0	3.9	1.1	1.0	4.1	1.2	1.2	4.2	1.3	1.4
				21	12	3.1	1.8	0.9	3.4	2.0	1.0	3.9	2.5	1.1	4.1	2.8	1.2	4.2	3.0	1.5
					15	3.2	1.5	1.0	3.4	1.7	1.0	4.0	2.1	1.1	4.2	2.3	1.3	4.3	2.5	1.5
19	3.7				1.2	1.0	4.0	1.3	1.1	4.6	1.6	1.2	4.8	1.8	1.4	5.0	1.9	1.6		
24	16			3.4	1.8	1.0	3.6	2.1	1.0	4.2	2.6	1.1	4.3	2.8	1.3	4.5	3.1	1.5		
	19			3.8	1.8	1.1	4.1	2.0	1.1	4.7	2.5	1.2	4.9	2.8	1.4	5.1	3.0	1.6		
	23			3.7	0.8	1.1	4.0	1.0	1.2	4.6	1.2	1.3	4.8	1.3	1.4	5.0	1.4	1.7		
27	16			3.5	2.3	1.0	3.7	2.6	1.1	4.3	3.2	1.2	4.5	3.5	1.3	4.7	3.8	1.6		
	19			3.9	2.3	1.1	4.2	2.6	1.1	4.8	3.2	1.2	5.0	3.5	1.4	5.2	3.8	1.6		
	23			4.1	1.6	1.1	4.4	1.8	1.2	5.1	2.2	1.2	5.3	2.4	1.4	5.5	2.6	1.7		
29	19			4.0	2.5	1.1	4.2	2.8	1.2	4.9	3.4	1.2	5.1	3.8	1.4	5.3	4.1	1.6		
	30			16	3.7	2.6	1.0	3.9	2.9	1.1	4.6	3.6	1.2	4.8	4.0	1.4	4.9	4.3	1.6	
				19	4.0	2.6	1.1	4.3	3.0	1.2	5.0	3.7	1.2	5.2	4.0	1.4	5.3	4.4	1.6	
23				4.2	2.1	1.1	4.5	2.4	1.2	5.2	3.0	1.3	5.4	3.3	1.4	5.6	3.6	1.7		
32	16			3.9	2.8	1.1	4.1	3.2	1.1	4.8	3.9	1.2	5.0	4.3	1.4	5.2	4.6	1.6		
	19			4.1	2.9	1.1	4.4	3.3	1.2	5.1	4.1	1.2	5.3	4.5	1.4	5.5	4.9	1.7		
	23			4.3	2.7	1.1	4.6	3.1	1.2	5.4	3.8	1.3	5.6	4.2	1.4	5.8	4.5	1.7		
Low	700			18	9	2.4	1.1	0.8	2.6	1.2	0.8	3.0	1.5	0.9	3.1	1.7	1.0	3.2	1.8	1.2
					12	2.5	0.7	0.8	2.7	0.8	0.9	3.1	1.0	0.9	3.2	1.1	1.1	3.3	1.2	1.3
					15	3.0	0.7	0.9	3.2	0.8	1.0	3.7	1.0	1.0	3.9	1.1	1.2	4.0	1.2	1.4
				21	12	3.0	1.6	0.9	3.2	1.9	1.0	3.7	2.3	1.1	3.9	2.5	1.2	4.0	2.7	1.4
					15	3.1	1.3	1.0	3.3	1.5	1.0	3.8	1.9	1.1	3.9	2.1	1.3	4.1	2.2	1.5
		19	3.5		1.1	1.0	3.8	1.2	1.1	4.4	1.5	1.2	4.6	1.6	1.3	4.7	1.8	1.6		
		24	16	3.2	1.7	1.0	3.4	1.9	1.0	4.0	2.3	1.1	4.1	2.6	1.3	4.3	2.8	1.5		
			19	3.6	1.6	1.0	3.9	1.8	1.1	4.5	2.3	1.2	4.7	2.5	1.4	4.8	2.7	1.6		
			23	3.6	0.8	1.1	3.8	0.9	1.2	4.4	1.1	1.2	4.6	1.2	1.4	4.7	1.3	1.7		
		27	16	3.3	2.1	1.0	3.5	2.4	1.1	4.1	2.9	1.2	4.3	3.2	1.3	4.4	3.5	1.6		
			19	3.7	2.1	1.1	3.9	2.4	1.1	4.6	2.9	1.2	4.8	3.2	1.4	4.9	3.5	1.6		
			23	3.9	1.4	1.1	4.2	1.6	1.2	4.9	2.0	1.2	5.1	2.2	1.4	5.2	2.4	1.6		
		29	19	3.8	2.2	1.1	4.0	2.5	1.1	4.7	3.1	1.2	4.9	3.4	1.4	5.0	3.7	1.6		
			30	16	3.5	2.3	1.0	3.7	2.7	1.1	4.3	3.3	1.2	4.5	3.6	1.3	4.7	3.9	1.6	
				19	3.8	2.4	1.1	4.1	2.7	1.1	4.7	3.3	1.2	4.9	3.7	1.4	5.1	4.0	1.6	
		23		4.0	1.9	1.1	4.3	2.2	1.2	5.0	2.7	1.2	5.2	3.0	1.4	5.3	3.2	1.7		
		32	16	3.7	2.5	1.1	3.9	2.9	1.1	4.6	3.5	1.2	4.8	3.9	1.4	4.9	4.2	1.6		
			19	3.9	2.7	1.1	4.2	3.0	1.2	4.9	3.7	1.2	5.1	4.1	1.4	5.2	4.4	1.6		
			23	4.3	2.6	1.1	4.6	2.9	1.2	5.4	3.6	1.3	5.6	4.0	1.4	5.8	4.3	1.7		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)													
				39			43			46			48				
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	900	18	9	3.4	2.1	1.3	2.7	1.8	1.1	2.6	1.7	1.0	2.4	1.6	1.1		
			12	3.5	1.4	1.4	2.9	1.2	1.1	2.7	1.1	1.1	2.5	1.1	1.1		
			15	4.2	1.4	1.5	3.4	1.2	1.3	3.2	1.1	1.2	3.0	1.1	1.2		
		21	12	4.2	3.3	1.6	3.4	2.7	1.3	3.2	2.6	1.3	3.0	2.5	1.3		
			15	4.3	2.7	1.6	3.5	2.2	1.4	3.3	2.1	1.3	3.1	2.0	1.3		
			19	5.0	2.1	1.8	4.1	1.8	1.5	3.8	1.7	1.4	3.6	1.6	1.4		
		24	16	4.5	3.3	1.6	3.7	2.8	1.4	3.4	2.7	1.3	3.2	2.5	1.3		
			19	5.1	3.2	1.8	4.2	2.7	1.5	3.9	2.6	1.4	3.6	2.5	1.4		
			23	5.0	1.5	1.9	4.1	1.3	1.5	3.8	1.2	1.4	3.6	1.2	1.5		
		27	16	4.7	4.2	1.7	3.8	3.5	1.4	3.6	3.3	1.4	3.3	3.2	1.4		
			19	5.2	4.1	1.8	4.2	3.5	1.5	4.0	3.3	1.4	3.7	3.1	1.4		
			23	5.5	2.8	1.8	4.5	2.3	1.5	4.2	2.2	1.4	3.9	2.1	1.5		
		29	19	5.3	4.4	1.8	4.3	3.7	1.5	4.1	3.5	1.4	3.8	3.4	1.4		
			16	4.9	4.7	1.8	4.0	3.9	1.5	3.8	3.7	1.4	3.5	3.5	1.4		
			19	5.3	4.7	1.8	4.4	3.9	1.5	4.1	3.8	1.4	3.8	3.6	1.4		
		30	23	5.6	3.9	1.9	4.6	3.2	1.5	4.3	3.1	1.4	4.0	2.9	1.5		
			16	5.2	5.0	1.8	4.2	4.2	1.5	4.0	4.0	1.4	3.7	3.8	1.4		
			19	5.5	5.3	1.8	4.5	4.4	1.5	4.2	4.2	1.4	3.9	4.0	1.5		
		32	23	5.7	4.8	1.9	4.6	4.0	1.5	4.3	3.8	1.4	4.1	3.6	1.5		
			18	9	3.3	2.0	1.3	2.7	1.6	1.1	2.5	1.6	1.0	2.4	1.5	1.1	
			12	3.4	1.3	1.4	2.8	1.1	1.1	2.6	1.0	1.1	2.4	1.0	1.1		
		Medium	800	18	15	4.1	1.3	1.5	3.4	1.1	1.2	3.2	1.0	1.2	2.9	1.0	1.2
					12	4.1	3.0	1.6	3.4	2.5	1.3	3.1	2.4	1.2	2.9	2.2	1.3
					15	4.2	2.4	1.6	3.4	2.0	1.3	3.2	1.9	1.3	3.0	1.8	1.3
21	19			4.9	1.9	1.7	4.0	1.6	1.4	3.7	1.5	1.4	3.5	1.5	1.4		
	16			4.4	3.0	1.6	3.6	2.5	1.3	3.4	2.4	1.3	3.1	2.3	1.3		
	19			5.0	3.0	1.8	4.1	2.5	1.5	3.8	2.4	1.4	3.6	2.2	1.4		
24	23			4.9	1.4	1.8	4.0	1.2	1.5	3.7	1.1	1.4	3.5	1.1	1.5		
	16			4.6	3.8	1.7	3.7	3.2	1.4	3.5	3.0	1.3	3.3	2.9	1.4		
	19			5.1	3.8	1.8	4.2	3.1	1.5	3.9	3.0	1.4	3.6	2.9	1.4		
27	23			5.4	2.6	1.8	4.4	2.1	1.5	4.1	2.0	1.4	3.9	1.9	1.4		
	19			5.2	4.0	1.8	4.2	3.4	1.5	4.0	3.2	1.4	3.7	3.1	1.4		
	16			4.8	4.3	1.7	3.9	3.5	1.4	3.7	3.4	1.4	3.4	3.2	1.4		
30	19			5.2	4.3	1.8	4.3	3.6	1.5	4.0	3.4	1.4	3.7	3.3	1.4		
	23			5.5	3.5	1.8	4.5	2.9	1.5	4.2	2.8	1.4	3.9	2.7	1.5		
	16			5.1	4.6	1.8	4.1	3.8	1.5	3.9	3.7	1.4	3.6	3.5	1.4		
32	19			5.4	4.8	1.8	4.4	4.0	1.5	4.1	3.9	1.4	3.9	3.7	1.4		
	23			5.7	4.5	1.9	4.6	3.7	1.5	4.3	3.6	1.4	4.1	3.4	1.5		
	18			9	3.1	1.8	1.3	2.6	1.5	1.1	2.4	1.4	1.0	2.2	1.3	1.0	
Low	700			18	12	3.2	1.2	1.4	2.7	1.0	1.1	2.5	0.9	1.1	2.3	0.9	1.1
					15	3.9	1.2	1.5	3.2	1.0	1.2	3.0	1.0	1.2	2.8	0.9	1.2
					12	3.9	2.7	1.6	3.2	2.2	1.3	3.0	2.1	1.2	2.8	2.0	1.3
				21	15	4.0	2.2	1.6	3.3	1.8	1.3	3.1	1.8	1.3	2.8	1.7	1.3
					19	4.6	1.7	1.7	3.8	1.5	1.4	3.5	1.4	1.3	3.3	1.3	1.4
					16	4.2	2.8	1.6	3.4	2.3	1.3	3.2	2.2	1.3	3.0	2.1	1.3
		24	19	4.7	2.7	1.7	3.9	2.2	1.4	3.6	2.1	1.4	3.4	2.0	1.4		
			23	4.6	1.3	1.8	3.8	1.1	1.5	3.6	1.0	1.4	3.3	1.0	1.4		
			16	4.3	3.5	1.7	3.5	2.9	1.4	3.3	2.8	1.3	3.1	2.6	1.4		
		27	19	4.8	3.4	1.8	3.9	2.9	1.5	3.7	2.7	1.4	3.5	2.6	1.4		
			23	5.1	2.3	1.8	4.2	1.9	1.5	3.9	1.9	1.4	3.7	1.8	1.4		
			19	4.9	3.7	1.8	4.0	3.1	1.5	3.8	2.9	1.4	3.5	2.8	1.4		
		29	16	4.6	3.9	1.7	3.7	3.2	1.4	3.5	3.1	1.3	3.3	2.9	1.4		
			19	5.0	3.9	1.8	4.1	3.3	1.5	3.8	3.1	1.4	3.6	3.0	1.4		
			23	5.2	3.2	1.8	4.3	2.7	1.5	4.0	2.6	1.4	3.7	2.4	1.4		
		30	16	4.8	4.2	1.8	3.9	3.5	1.5	3.7	3.3	1.4	3.4	3.2	1.4		
			19	5.1	4.4	1.8	4.2	3.7	1.5	3.9	3.5	1.4	3.7	3.3	1.4		
			23	5.7	4.3	1.9	4.6	3.6	1.5	4.3	3.4	1.4	4.1	3.2	1.5		

Outdoor Unit:GUHD24NK3CO Indoor Unit:GTH24K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																
				18			21			25			30			35				
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1200	18	9	3.4	1.7	1.0	3.6	1.9	1.1	4.2	2.4	1.2	4.4	2.6	1.4	4.5	2.9	1.6		
			12	3.5	1.1	1.1	3.8	1.3	1.2	4.4	1.6	1.3	4.6	1.7	1.4	4.7	1.9	1.7		
			15	4.3	1.2	1.2	4.5	1.3	1.3	5.3	1.6	1.4	5.5	1.8	1.6	5.7	1.9	1.9		
		21	12	4.2	2.6	1.3	4.5	3.0	1.4	5.2	3.6	1.5	5.5	4.0	1.7	5.6	4.3	1.9		
			15	4.3	2.1	1.3	4.6	2.4	1.4	5.4	3.0	1.5	5.6	3.3	1.7	5.8	3.6	2.0		
			19	5.0	1.7	1.4	5.4	1.9	1.5	6.2	2.4	1.6	6.5	2.6	1.8	6.7	2.8	2.1		
		24	16	4.5	2.7	1.3	4.8	3.0	1.4	5.6	3.7	1.5	5.9	4.1	1.7	6.0	4.5	2.0		
			19	5.1	2.6	1.4	5.5	2.9	1.5	6.4	3.6	1.6	6.7	4.0	1.8	6.9	4.3	2.2		
			23	5.0	1.2	1.5	5.4	1.4	1.6	6.3	1.7	1.7	6.5	1.9	1.9	6.7	2.0	2.2		
		27	16	4.7	3.3	1.4	5.0	3.8	1.5	5.9	4.7	1.6	6.1	5.1	1.8	6.3	5.6	2.1		
			19	5.3	3.3	1.4	5.6	3.8	1.5	6.5	4.6	1.6	6.8	5.1	1.9	7.0	5.5	2.2		
			23	5.6	2.3	1.4	5.9	2.6	1.6	6.9	3.1	1.7	7.2	3.5	1.9	7.4	3.8	2.2		
		29	19	5.4	3.6	1.4	5.7	4.0	1.5	6.6	5.0	1.7	6.9	5.5	1.9	7.1	5.9	2.2		
			16	5.0	3.7	1.4	5.3	4.2	1.5	6.2	5.2	1.6	6.4	5.7	1.8	6.6	6.2	2.1		
			19	5.4	3.8	1.4	5.8	4.3	1.5	6.7	5.3	1.7	7.0	5.8	1.9	7.2	6.3	2.2		
		30	23	5.7	3.1	1.5	6.1	3.5	1.6	7.0	4.3	1.7	7.3	4.8	1.9	7.6	5.2	2.2		
			16	5.2	4.0	1.4	5.6	4.6	1.5	6.5	5.6	1.6	6.8	6.2	1.9	7.0	6.7	2.2		
			19	5.6	4.3	1.4	5.9	4.8	1.6	6.9	5.9	1.7	7.2	6.5	1.9	7.4	7.1	2.2		
		32	23	5.7	3.9	1.5	6.1	4.4	1.6	7.1	5.4	1.7	7.4	5.9	1.9	7.6	6.4	2.2		
			16	5.2	4.0	1.4	5.6	4.6	1.5	6.5	5.6	1.6	6.8	6.2	1.9	7.0	6.7	2.2		
			19	5.6	4.3	1.4	5.9	4.8	1.6	6.9	5.9	1.7	7.2	6.5	1.9	7.4	7.1	2.2		
		Medium	1050	18	9	3.3	1.6	1.0	3.6	1.8	1.1	4.1	2.2	1.2	4.3	2.4	1.4	4.4	2.6	1.6
					12	3.5	1.0	1.1	3.7	1.2	1.2	4.3	1.4	1.3	4.5	1.6	1.4	4.6	1.7	1.7
					15	4.2	1.1	1.2	4.4	1.2	1.3	5.2	1.5	1.4	5.4	1.6	1.6	5.6	1.8	1.8
21	12			4.1	2.4	1.3	4.4	2.7	1.3	5.1	3.3	1.4	5.4	3.7	1.6	5.5	4.0	1.9		
	15			4.2	1.9	1.3	4.5	2.2	1.4	5.3	2.7	1.5	5.5	3.0	1.7	5.7	3.2	2.0		
	19			4.9	1.5	1.4	5.3	1.7	1.5	6.1	2.1	1.6	6.4	2.4	1.8	6.6	2.6	2.1		
24	16			4.4	2.4	1.3	4.7	2.8	1.4	5.5	3.4	1.5	5.7	3.7	1.7	5.9	4.1	2.0		
	19			5.0	2.4	1.4	5.4	2.7	1.5	6.3	3.3	1.6	6.5	3.6	1.8	6.7	4.0	2.1		
	23			4.9	1.1	1.4	5.3	1.3	1.6	6.1	1.6	1.7	6.4	1.7	1.9	6.6	1.9	2.2		
27	16			4.6	3.0	1.4	4.9	3.5	1.5	5.7	4.3	1.6	6.0	4.7	1.8	6.2	5.1	2.1		
	19			5.1	3.0	1.4	5.5	3.4	1.5	6.4	4.2	1.6	6.7	4.6	1.8	6.9	5.0	2.2		
	23			5.5	2.1	1.4	5.8	2.3	1.5	6.8	2.9	1.7	7.1	3.2	1.9	7.3	3.4	2.2		
29	19			5.2	3.2	1.4	5.6	3.7	1.5	6.5	4.5	1.6	6.8	5.0	1.9	7.0	5.4	2.2		
	16			4.9	3.4	1.4	5.2	3.9	1.5	6.0	4.7	1.6	6.3	5.2	1.8	6.5	5.7	2.1		
	19			5.3	3.5	1.4	5.7	3.9	1.5	6.6	4.8	1.6	6.9	5.3	1.9	7.1	5.8	2.2		
30	23			5.6	2.8	1.4	5.9	3.2	1.6	6.9	4.0	1.7	7.2	4.3	1.9	7.4	4.7	2.2		
	16			5.1	3.7	1.4	5.5	4.2	1.5	6.4	5.1	1.6	6.6	5.7	1.8	6.8	6.1	2.2		
	19			5.5	3.9	1.4	5.8	4.4	1.5	6.8	5.4	1.7	7.1	6.0	1.9	7.3	6.5	2.2		
32	23			5.7	3.6	1.5	6.1	4.1	1.6	7.1	5.0	1.7	7.4	5.5	1.9	7.6	6.0	2.2		
	16			5.1	3.7	1.4	5.5	4.2	1.5	6.4	5.1	1.6	6.6	5.7	1.8	6.8	6.1	2.2		
	19			5.5	3.9	1.4	5.8	4.4	1.5	6.8	5.4	1.7	7.1	6.0	1.9	7.3	6.5	2.2		
Low	900			18	9	3.2	1.4	1.0	3.4	1.6	1.1	3.9	2.0	1.2	4.1	2.2	1.3	4.2	2.4	1.6
					12	3.3	0.9	1.1	3.5	1.1	1.2	4.1	1.3	1.2	4.2	1.4	1.4	4.4	1.5	1.7
					15	4.0	1.0	1.2	4.2	1.1	1.3	4.9	1.3	1.4	5.1	1.5	1.5	5.3	1.6	1.8
		21	12	3.9	2.2	1.2	4.2	2.4	1.3	4.9	3.0	1.4	5.1	3.3	1.6	5.2	3.6	1.9		
			15	4.0	1.8	1.3	4.3	2.0	1.4	5.0	2.5	1.5	5.2	2.7	1.7	5.4	2.9	1.9		
			19	4.7	1.4	1.4	5.0	1.6	1.5	5.8	1.9	1.6	6.1	2.1	1.8	6.2	2.3	2.1		
		24	16	4.2	2.2	1.3	4.5	2.5	1.4	5.2	3.1	1.5	5.4	3.4	1.7	5.6	3.7	1.9		
			19	4.8	2.2	1.4	5.1	2.4	1.5	5.9	3.0	1.6	6.2	3.3	1.8	6.4	3.6	2.1		
			23	4.7	1.0	1.4	5.0	1.1	1.5	5.8	1.4	1.6	6.1	1.6	1.9	6.3	1.7	2.2		
		27	16	4.4	2.8	1.3	4.7	3.1	1.5	5.4	3.9	1.6	5.7	4.3	1.8	5.9	4.6	2.1		
			19	4.9	2.7	1.4	5.2	3.1	1.5	6.1	3.8	1.6	6.3	4.2	1.8	6.5	4.6	2.1		
			23	5.2	1.9	1.4	5.5	2.1	1.5	6.4	2.6	1.6	6.7	2.9	1.9	6.9	3.1	2.2		
		29	19	5.0	2.9	1.4	5.3	3.3	1.5	6.2	4.1	1.6	6.4	4.5	1.8	6.6	4.9	2.2		
			16	4.6	3.1	1.4	4.9	3.5	1.5	5.7	4.3	1.6	6.0	4.7	1.8	6.2	5.2	2.1		
			19	5.0	3.1	1.4	5.4	3.6	1.5	6.2	4.4	1.6	6.5	4.8	1.8	6.7	5.2	2.2		
		30	23	5.3	2.6	1.4	5.6	2.9	1.5	6.5	3.6	1.7	6.8	3.9	1.9	7.0	4.3	2.2		
			16	4.9	3.3	1.4	5.2	3.8	1.5	6.0	4.7	1.6	6.3	5.1	1.8	6.5	5.6	2.1		
			19	5.2	3.5	1.4	5.5	4.0	1.5	6.4	4.9	1.6	6.7	5.4	1.9	6.9	5.9	2.2		
		32	23	5.7	3.4	1.5	6.1	3.9	1.6	7.1	4.8	1.7	7.4	5.3	1.9	7.6	5.7	2.2		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)													
				39			43			46			48				
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1200	18	9	4.4	2.8	1.8	3.6	2.4	1.5	3.4	2.3	1.4	3.2	2.1	1.4		
			12	4.6	1.9	1.8	3.8	1.5	1.5	3.5	1.5	1.4	3.3	1.4	1.5		
			15	5.6	1.9	2.0	4.5	1.6	1.7	4.3	1.5	1.6	4.0	1.4	1.6		
		21	12	5.5	4.3	2.1	4.5	3.6	1.7	4.2	3.4	1.7	4.0	3.3	1.7		
			15	5.7	3.5	2.2	4.6	2.9	1.8	4.3	2.8	1.7	4.0	2.7	1.7		
			19	6.6	2.8	2.3	5.4	2.3	1.9	5.0	2.2	1.8	4.7	2.1	1.9		
		24	16	5.9	4.4	2.2	4.8	3.7	1.8	4.5	3.5	1.7	4.2	3.3	1.7		
			19	6.7	4.3	2.4	5.5	3.6	1.9	5.1	3.4	1.8	4.8	3.2	1.9		
			23	6.6	2.0	2.4	5.4	1.7	2.0	5.0	1.6	1.9	4.7	1.5	2.0		
		27	16	6.2	5.5	2.3	5.0	4.6	1.9	4.7	4.4	1.8	4.4	4.2	1.8		
			19	6.9	5.5	2.4	5.6	4.6	2.0	5.3	4.4	1.9	4.9	4.1	1.9		
			23	7.3	3.7	2.4	5.9	3.1	2.0	5.6	3.0	1.9	5.2	2.8	1.9		
		29	19	7.0	5.9	2.4	5.7	4.9	2.0	5.4	4.7	1.9	5.0	4.4	1.9		
			16	6.5	6.2	2.3	5.3	5.1	1.9	5.0	4.9	1.8	4.6	4.7	1.9		
			19	7.1	6.3	2.4	5.8	5.2	2.0	5.4	5.0	1.9	5.0	4.7	1.9		
		30	23	7.4	5.1	2.4	6.1	4.3	2.0	5.7	4.1	1.9	5.3	3.9	2.0		
			16	6.8	6.7	2.4	5.6	5.5	2.0	5.2	5.3	1.9	4.9	5.0	1.9		
			19	7.3	7.0	2.4	5.9	5.8	2.0	5.6	5.6	1.9	5.2	5.3	1.9		
		32	23	7.5	6.4	2.4	6.1	5.3	2.0	5.7	5.1	1.9	5.3	4.8	2.0		
			9	4.4	2.6	1.7	3.6	2.2	1.4	3.3	2.1	1.4	3.1	2.0	1.4		
			12	4.5	1.7	1.8	3.7	1.4	1.5	3.5	1.3	1.4	3.2	1.3	1.5		
		Medium	1050	18	12	5.4	1.7	2.0	4.4	1.4	1.7	4.2	1.4	1.6	3.9	1.3	1.6
					15	5.4	3.9	2.1	4.4	3.3	1.7	4.1	3.1	1.6	3.9	3.0	1.7
					19	5.6	3.2	2.1	4.5	2.7	1.8	4.2	2.6	1.7	4.0	2.4	1.7
21	15			6.5	2.5	2.3	5.3	2.1	1.9	4.9	2.0	1.8	4.6	1.9	1.8		
	16			5.8	4.0	2.1	4.7	3.4	1.8	4.4	3.2	1.7	4.1	3.0	1.7		
	19			6.6	3.9	2.3	5.4	3.3	1.9	5.0	3.1	1.8	4.7	3.0	1.9		
24	23			6.5	1.8	2.4	5.3	1.5	2.0	4.9	1.5	1.9	4.6	1.4	1.9		
	16			6.1	5.0	2.3	4.9	4.2	1.9	4.6	4.0	1.8	4.3	3.8	1.8		
	19			6.7	5.0	2.4	5.5	4.2	1.9	5.1	4.0	1.8	4.8	3.8	1.9		
27	23			7.1	3.4	2.4	5.8	2.8	2.0	5.5	2.7	1.9	5.1	2.6	1.9		
	19			6.9	5.3	2.4	5.6	4.4	2.0	5.2	4.3	1.9	4.9	4.0	1.9		
	16			6.4	5.6	2.3	5.2	4.7	1.9	4.9	4.5	1.8	4.6	4.2	1.8		
30	19			6.9	5.7	2.4	5.7	4.7	2.0	5.3	4.5	1.9	4.9	4.3	1.9		
	23			7.3	4.7	2.4	5.9	3.9	2.0	5.6	3.7	1.9	5.2	3.5	1.9		
	16			6.7	6.1	2.4	5.5	5.1	1.9	5.1	4.8	1.8	4.8	4.6	1.9		
32	19			7.1	6.4	2.4	5.8	5.3	2.0	5.5	5.1	1.9	5.1	4.8	1.9		
	23			7.5	5.9	2.4	6.1	4.9	2.0	5.7	4.7	1.9	5.3	4.5	2.0		
	9			4.1	2.3	1.7	3.4	2.0	1.4	3.2	1.9	1.3	3.0	1.8	1.4		
Low	900			18	12	4.3	1.5	1.8	3.5	1.3	1.5	3.3	1.2	1.4	3.1	1.2	1.4
					15	5.2	1.6	2.0	4.2	1.3	1.6	4.0	1.3	1.5	3.7	1.2	1.6
					12	5.1	3.6	2.1	4.2	3.0	1.7	3.9	2.8	1.6	3.7	2.7	1.7
				21	15	5.3	2.9	2.1	4.3	2.4	1.8	4.0	2.3	1.7	3.8	2.2	1.7
					19	6.1	2.3	2.3	5.0	1.9	1.9	4.7	1.8	1.8	4.4	1.7	1.8
					16	5.5	3.7	2.1	4.5	3.0	1.8	4.2	2.9	1.7	3.9	2.8	1.7
		24	19	6.3	3.6	2.3	5.1	3.0	1.9	4.8	2.8	1.8	4.5	2.7	1.8		
			23	6.1	1.7	2.4	5.0	1.4	2.0	4.7	1.3	1.9	4.4	1.3	1.9		
			16	5.7	4.6	2.3	4.7	3.8	1.9	4.4	3.6	1.8	4.1	3.5	1.8		
		27	19	6.4	4.5	2.3	5.2	3.8	1.9	4.9	3.6	1.8	4.6	3.4	1.9		
			23	6.8	3.1	2.4	5.5	2.6	2.0	5.2	2.4	1.9	4.8	2.3	1.9		
			19	6.5	4.9	2.4	5.3	4.0	1.9	5.0	3.9	1.8	4.6	3.7	1.9		
		29	16	6.0	5.1	2.3	4.9	4.2	1.9	4.6	4.1	1.8	4.3	3.9	1.8		
			19	6.6	5.2	2.4	5.4	4.3	1.9	5.0	4.1	1.8	4.7	3.9	1.9		
			23	6.9	4.2	2.4	5.6	3.5	2.0	5.3	3.4	1.9	4.9	3.2	1.9		
		30	16	6.4	5.5	2.3	5.2	4.6	1.9	4.9	4.4	1.8	4.5	4.2	1.9		
			19	6.8	5.8	2.4	5.5	4.8	2.0	5.2	4.6	1.9	4.8	4.4	1.9		
			23	7.5	5.7	2.4	6.1	4.7	2.0	5.7	4.5	1.9	5.3	4.3	2.0		

Outdoor Unit:GUHD30NK3CO Indoor Unit:GTH30K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																	
				18			21			25			30			35					
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI			
High	1600	18	9	4.3	2.2	1.3	4.6	2.5	1.4	5.3	3.0	1.5	5.5	3.3	1.7	5.7	3.6	2.0			
			12	4.4	1.4	1.4	4.7	1.6	1.5	5.5	2.0	1.6	5.7	2.2	1.8	5.9	2.4	2.1			
			15	5.3	1.5	1.5	5.7	1.6	1.6	6.6	2.0	1.7	6.9	2.2	2.0	7.1	2.4	2.3			
		21	12	5.3	3.3	1.6	5.7	3.7	1.7	6.6	4.6	1.8	6.9	5.0	2.1	7.1	5.5	2.4			
			15	5.4	2.7	1.6	5.8	3.0	1.7	6.8	3.7	1.9	7.0	4.1	2.1	7.3	4.5	2.5			
			19	6.3	2.1	1.7	6.8	2.4	1.9	7.9	3.0	2.0	8.2	3.3	2.3	8.4	3.5	2.7			
		24	16	5.7	3.4	1.6	6.1	3.8	1.7	7.1	4.7	1.9	7.4	5.2	2.1	7.6	5.6	2.5			
			19	6.5	3.3	1.8	6.9	3.7	1.9	8.0	4.6	2.0	8.4	5.0	2.3	8.6	5.5	2.7			
			23	6.3	1.5	1.8	6.8	1.7	2.0	7.9	2.1	2.1	8.2	2.4	2.4	8.5	2.6	2.8			
		27	16	5.9	4.2	1.7	6.3	4.8	1.9	7.4	5.9	2.0	7.7	6.5	2.3	7.9	7.0	2.7			
			19	6.6	4.2	1.8	7.0	4.7	1.9	8.2	5.8	2.1	8.5	6.4	2.3	8.8	7.0	2.7			
			23	7.0	2.8	1.8	7.5	3.2	2.0	8.7	3.9	2.1	9.0	4.3	2.4	9.3	4.7	2.8			
		29	19	6.7	4.5	1.8	7.2	5.1	1.9	8.3	6.2	2.1	8.7	6.9	2.4	9.0	7.4	2.8			
			16	6.3	4.7	1.7	6.7	5.3	1.9	7.8	6.5	2.0	8.1	7.2	2.3	8.3	7.8	2.7			
			19	6.8	4.8	1.8	7.3	5.4	1.9	8.4	6.7	2.1	8.8	7.3	2.4	9.1	7.9	2.8			
		30	23	7.1	3.9	1.8	7.6	4.4	2.0	8.9	5.4	2.1	9.2	6.0	2.4	9.5	6.5	2.8			
			16	6.6	5.1	1.8	7.0	5.8	1.9	8.2	7.1	2.1	8.5	7.8	2.3	8.8	8.5	2.7			
			19	7.0	5.3	1.8	7.5	6.1	2.0	8.7	7.5	2.1	9.0	8.2	2.4	9.3	8.9	2.8			
		32	23	7.2	4.8	1.8	7.7	5.5	2.0	8.9	6.8	2.1	9.3	7.4	2.4	9.6	8.1	2.8			
			Medium	1450	18	9	4.2	2.0	1.3	4.5	2.2	1.4	5.2	2.7	1.5	5.4	3.0	1.7	5.6	3.3	2.0
						12	4.3	1.3	1.4	4.6	1.5	1.5	5.4	1.8	1.6	5.6	2.0	1.8	5.8	2.1	2.1
		15				5.2	1.3	1.5	5.6	1.5	1.6	6.5	1.8	1.7	6.8	2.0	2.0	7.0	2.2	2.3	
		21			12	5.2	3.0	1.6	5.6	3.4	1.7	6.5	4.2	1.8	6.7	4.6	2.1	7.0	5.0	2.4	
					15	5.3	2.4	1.6	5.7	2.8	1.7	6.6	3.4	1.9	6.9	3.8	2.1	7.1	4.1	2.5	
19	6.2				1.9	1.7	6.6	2.2	1.9	7.7	2.7	2.0	8.0	3.0	2.3	8.3	3.2	2.7			
24	16	5.6			3.1	1.6	5.9	3.5	1.7	6.9	4.3	1.9	7.2	4.7	2.1	7.4	5.1	2.5			
	19	6.3			3.0	1.7	6.8	3.4	1.9	7.9	4.2	2.0	8.2	4.6	2.3	8.5	5.0	2.7			
	23	6.2			1.4	1.8	6.6	1.6	2.0	7.7	2.0	2.1	8.0	2.2	2.4	8.3	2.3	2.8			
27	16	5.8			3.8	1.7	6.2	4.3	1.8	7.2	5.3	2.0	7.5	5.9	2.2	7.8	6.4	2.6			
	19	6.5			3.8	1.8	6.9	4.3	1.9	8.0	5.3	2.0	8.4	5.8	2.3	8.6	6.3	2.7			
	23	6.9			2.6	1.8	7.3	2.9	1.9	8.5	3.6	2.1	8.9	4.0	2.4	9.1	4.3	2.8			
29	19	6.6			4.1	1.8	7.0	4.6	1.9	8.2	5.7	2.1	8.5	6.3	2.3	8.8	6.8	2.7			
	16	6.1			4.3	1.7	6.5	4.8	1.9	7.6	6.0	2.0	7.9	6.6	2.3	8.2	7.1	2.7			
	19	6.7			4.3	1.8	7.1	4.9	1.9	8.3	6.1	2.1	8.6	6.7	2.3	8.9	7.2	2.7			
30	23	7.0			3.6	1.8	7.5	4.0	2.0	8.7	5.0	2.1	9.0	5.5	2.4	9.3	5.9	2.8			
	16	6.4			4.6	1.8	6.9	5.2	1.9	8.0	6.5	2.0	8.3	7.1	2.3	8.6	7.7	2.7			
	19	6.9			4.9	1.8	7.3	5.5	1.9	8.5	6.8	2.1	8.9	7.5	2.4	9.1	8.1	2.8			
32	23	7.2			4.5	1.8	7.7	5.1	2.0	8.9	6.3	2.1	9.3	6.9	2.4	9.6	7.5	2.8			
	Low	1300			18	9	4.0	1.8	1.3	4.2	2.0	1.4	4.9	2.5	1.5	5.1	2.7	1.7	5.3	3.0	2.0
						12	4.1	1.2	1.4	4.4	1.3	1.5	5.1	1.6	1.6	5.3	1.8	1.8	5.5	1.9	2.1
15						5.0	1.2	1.5	5.3	1.4	1.6	6.2	1.7	1.7	6.4	1.8	1.9	6.6	2.0	2.3	
21					12	4.9	2.7	1.6	5.3	3.1	1.7	6.1	3.8	1.8	6.4	4.2	2.0	6.6	4.5	2.4	
					15	5.1	2.2	1.6	5.4	2.5	1.7	6.3	3.1	1.8	6.6	3.4	2.1	6.8	3.7	2.4	
			19	5.9	1.8	1.7	6.3	2.0	1.8	7.3	2.5	2.0	7.6	2.7	2.2	7.9	2.9	2.6			
24			16	5.3	2.8	1.6	5.6	3.2	1.7	6.6	3.9	1.8	6.8	4.3	2.1	7.1	4.6	2.4			
			19	6.0	2.7	1.7	6.4	3.1	1.9	7.5	3.8	2.0	7.8	4.2	2.3	8.0	4.5	2.7			
			23	5.9	1.3	1.8	6.3	1.4	1.9	7.3	1.8	2.1	7.6	2.0	2.3	7.9	2.1	2.8			
27			16	5.5	3.5	1.7	5.9	3.9	1.8	6.9	4.9	2.0	7.1	5.3	2.2	7.4	5.8	2.6			
			19	6.1	3.5	1.7	6.5	3.9	1.9	7.6	4.8	2.0	7.9	5.3	2.3	8.2	5.8	2.7			
			23	6.5	2.3	1.8	6.9	2.7	1.9	8.1	3.3	2.1	8.4	3.6	2.3	8.7	3.9	2.7			
29			19	6.3	3.7	1.8	6.7	4.2	1.9	7.8	5.2	2.0	8.1	5.7	2.3	8.3	6.2	2.7			
			16	5.8	3.9	1.7	6.2	4.4	1.8	7.2	5.4	2.0	7.5	6.0	2.2	7.8	6.5	2.6			
			19	6.3	3.9	1.8	6.7	4.5	1.9	7.8	5.5	2.0	8.2	6.1	2.3	8.4	6.6	2.7			
30			23	6.6	3.2	1.8	7.1	3.7	1.9	8.2	4.5	2.1	8.6	5.0	2.4	8.9	5.4	2.8			
			16	6.1	4.2	1.7	6.5	4.8	1.9	7.6	5.9	2.0	7.9	6.5	2.3	8.2	7.0	2.7			
			19	6.5	4.4	1.8	6.9	5.0	1.9	8.1	6.2	2.1	8.4	6.8	2.3	8.7	7.4	2.7			
32			23	7.2	4.3	1.8	7.7	4.9	2.0	8.9	6.0	2.1	9.3	6.6	2.4	9.6	7.2	2.8			

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Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)													
				39			43			46			48				
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1600	18	9	5.6	3.6	2.2	4.6	3.0	1.8	4.3	2.8	1.7	4.0	2.7	1.8		
			12	5.8	2.3	2.3	4.7	1.9	1.9	4.4	1.9	1.8	4.1	1.8	1.8		
			15	7.0	2.4	2.5	5.7	2.0	2.1	5.3	1.9	2.0	5.0	1.8	2.0		
		21	12	7.0	5.4	2.7	5.7	4.5	2.2	5.3	4.3	2.1	5.0	4.1	2.1		
			15	7.1	4.4	2.7	5.8	3.7	2.2	5.4	3.5	2.1	5.1	3.3	2.2		
			19	8.3	3.5	2.9	6.8	2.9	2.4	6.3	2.8	2.3	5.9	2.6	2.3		
		24	16	7.4	5.6	2.7	6.1	4.6	2.2	5.7	4.4	2.1	5.3	4.2	2.2		
			19	8.5	5.4	3.0	6.9	4.5	2.4	6.5	4.3	2.3	6.0	4.1	2.4		
			23	8.3	2.5	3.1	6.8	2.1	2.5	6.3	2.0	2.4	5.9	1.9	2.5		
		27	16	7.8	6.9	2.9	6.3	5.8	2.4	5.9	5.5	2.3	5.5	5.2	2.3		
			19	8.6	6.9	3.0	7.0	5.7	2.5	6.6	5.5	2.3	6.2	5.2	2.4		
		29	23	9.1	4.7	3.0	7.5	3.9	2.5	7.0	3.7	2.4	6.5	3.5	2.4		
			19	8.8	7.4	3.0	7.2	6.1	2.5	6.7	5.9	2.4	6.3	5.6	2.4		
		30	16	8.2	7.7	2.9	6.7	6.4	2.4	6.3	6.2	2.3	5.8	5.9	2.3		
			19	8.9	7.9	3.0	7.3	6.5	2.5	6.8	6.3	2.4	6.3	6.0	2.4		
			23	9.3	6.4	3.1	7.6	5.4	2.5	7.1	5.1	2.4	6.7	4.9	2.5		
		32	16	8.6	8.4	3.0	7.0	7.0	2.5	6.6	6.7	2.3	6.1	6.3	2.4		
			19	9.1	8.8	3.0	7.5	7.3	2.5	7.0	7.0	2.4	6.5	6.7	2.4		
			23	9.4	8.0	3.1	7.7	6.7	2.5	7.2	6.4	2.4	6.7	6.1	2.5		
		Medium	1450	18	9	5.5	3.3	2.2	4.5	2.7	1.8	4.2	2.6	1.7	3.9	2.5	1.7
					12	5.7	2.1	2.3	4.6	1.8	1.9	4.3	1.7	1.8	4.1	1.6	1.8
					15	6.8	2.2	2.5	5.6	1.8	2.1	5.2	1.7	2.0	4.9	1.7	2.0
				21	12	6.8	4.9	2.6	5.6	4.1	2.2	5.2	3.9	2.1	4.9	3.7	2.1
					15	7.0	4.0	2.7	5.7	3.4	2.2	5.3	3.2	2.1	5.0	3.1	2.2
19	8.1				3.2	2.9	6.6	2.7	2.4	6.2	2.5	2.3	5.8	2.4	2.3		
24	16			7.3	5.1	2.7	5.9	4.2	2.2	5.6	4.0	2.1	5.2	3.8	2.1		
	19			8.3	4.9	2.9	6.8	4.1	2.4	6.3	3.9	2.3	5.9	3.7	2.3		
	23			8.1	2.3	3.0	6.6	1.9	2.5	6.2	1.8	2.4	5.8	1.8	2.4		
27	16			7.6	6.3	2.9	6.2	5.3	2.4	5.8	5.0	2.2	5.4	4.8	2.3		
	19			8.5	6.3	3.0	6.9	5.2	2.4	6.5	5.0	2.3	6.0	4.7	2.4		
29	23			9.0	4.3	3.0	7.3	3.5	2.5	6.9	3.4	2.4	6.4	3.2	2.4		
	19			8.6	6.7	3.0	7.0	5.6	2.5	6.6	5.3	2.3	6.2	5.1	2.4		
30	16			8.0	7.1	2.9	6.5	5.9	2.4	6.1	5.6	2.3	5.7	5.3	2.3		
	19			8.7	7.2	3.0	7.1	6.0	2.5	6.7	5.7	2.3	6.2	5.4	2.4		
	23			9.1	5.9	3.0	7.5	4.9	2.5	7.0	4.7	2.4	6.5	4.4	2.4		
32	16			8.4	7.6	3.0	6.9	6.4	2.4	6.4	6.1	2.3	6.0	5.8	2.4		
	19			9.0	8.0	3.0	7.3	6.7	2.5	6.9	6.4	2.4	6.4	6.1	2.4		
	23			9.4	7.4	3.1	7.7	6.2	2.5	7.2	5.9	2.4	6.7	5.6	2.5		
Low	1300			18	9	5.2	3.0	2.2	4.2	2.5	1.8	4.0	2.3	1.7	3.7	2.2	1.7
					12	5.4	1.9	2.3	4.4	1.6	1.9	4.1	1.5	1.8	3.9	1.5	1.8
					15	6.5	2.0	2.5	5.3	1.7	2.1	5.0	1.6	1.9	4.6	1.5	2.0
				21	12	6.5	4.5	2.6	5.3	3.7	2.2	4.9	3.6	2.0	4.6	3.4	2.1
					15	6.6	3.7	2.7	5.4	3.0	2.2	5.1	2.9	2.1	4.7	2.8	2.1
		19	7.7		2.9	2.9	6.3	2.4	2.4	5.9	2.3	2.2	5.5	2.2	2.3		
		24	16	6.9	4.6	2.7	5.6	3.8	2.2	5.3	3.7	2.1	4.9	3.5	2.1		
			19	7.9	4.5	2.9	6.4	3.7	2.4	6.0	3.6	2.3	5.6	3.4	2.3		
			23	7.7	2.1	3.0	6.3	1.7	2.5	5.9	1.7	2.3	5.5	1.6	2.4		
		27	16	7.2	5.7	2.8	5.9	4.8	2.3	5.5	4.6	2.2	5.2	4.3	2.3		
			19	8.0	5.7	2.9	6.5	4.7	2.4	6.1	4.5	2.3	5.7	4.3	2.3		
			23	8.5	3.9	3.0	6.9	3.2	2.5	6.5	3.1	2.3	6.1	2.9	2.4		
		29	19	8.2	6.1	3.0	6.7	5.1	2.4	6.3	4.9	2.3	5.8	4.6	2.4		
			16	7.6	6.4	2.9	6.2	5.3	2.4	5.8	5.1	2.2	5.4	4.9	2.3		
		30	19	8.3	6.5	3.0	6.7	5.4	2.4	6.3	5.2	2.3	5.9	4.9	2.4		
			23	8.7	5.3	3.0	7.1	4.4	2.5	6.6	4.2	2.4	6.2	4.0	2.4		
			16	8.0	6.9	2.9	6.5	5.8	2.4	6.1	5.5	2.3	5.7	5.2	2.3		
		32	19	8.5	7.3	3.0	6.9	6.1	2.5	6.5	5.8	2.3	6.1	5.5	2.4		
			23	9.4	7.1	3.1	7.7	5.9	2.5	7.2	5.7	2.4	6.7	5.4	2.5		

Outdoor Unit:GUHD36NK3CO/GUHD36NM3CO Indoor Unit:GTH36K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																
				18			21			25			30			35				
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	2000	18	9	5.1	2.6	1.6	5.4	2.9	1.7	6.3	3.6	1.8	6.6	4.0	2.1	6.8	4.3	2.4		
			12	5.3	1.7	1.6	5.6	1.9	1.8	6.6	2.3	1.9	6.8	2.6	2.1	7.1	2.8	2.5		
			15	6.4	1.7	1.8	6.8	2.0	1.9	7.9	2.4	2.1	8.2	2.7	2.4	8.5	2.9	2.8		
		21	12	6.4	3.9	1.9	6.8	4.4	2.0	7.9	5.5	2.2	8.2	6.0	2.5	8.5	6.5	2.9		
			15	6.5	3.2	1.9	6.9	3.6	2.1	8.1	4.5	2.2	8.4	4.9	2.5	8.7	5.3	3.0		
			19	7.6	2.5	2.1	8.1	2.9	2.2	9.4	3.5	2.4	9.8	3.9	2.7	10.1	4.2	3.2		
		24	16	6.8	4.0	1.9	7.2	4.6	2.1	8.4	5.6	2.2	8.8	6.2	2.5	9.1	6.7	3.0		
			19	7.7	3.9	2.1	8.2	4.4	2.3	9.6	5.4	2.4	10.0	6.0	2.8	10.3	6.5	3.2		
			23	7.6	1.8	2.2	8.1	2.1	2.4	9.4	2.6	2.5	9.8	2.8	2.9	10.1	3.1	3.4		
		27	16	7.1	5.0	2.1	7.6	5.7	2.2	8.8	7.0	2.4	9.2	7.7	2.7	9.5	8.4	3.2		
			19	7.9	5.0	2.1	8.4	5.6	2.3	9.8	6.9	2.5	10.2	7.6	2.8	10.5	8.3	3.3		
			23	8.3	3.4	2.2	8.9	3.8	2.3	10.4	4.7	2.5	10.8	5.2	2.8	11.1	5.6	3.3		
		29	19	8.0	5.3	2.1	8.6	6.0	2.3	10.0	7.4	2.5	10.4	8.2	2.8	10.7	8.9	3.3		
			30	16	7.5	5.6	2.1	8.0	6.3	2.2	9.3	7.8	2.4	9.7	8.6	2.7	9.9	9.3	3.2	
				19	8.1	5.7	2.1	8.7	6.4	2.3	10.1	7.9	2.5	10.5	8.7	2.8	10.8	9.5	3.3	
		23		8.5	4.7	2.2	9.1	5.3	2.4	10.6	6.5	2.5	11.0	7.2	2.9	11.4	7.8	3.4		
		32	16	7.8	6.1	2.1	8.4	6.9	2.3	9.7	8.5	2.5	10.1	9.3	2.8	10.5	10.1	3.3		
			19	8.3	6.4	2.2	8.9	7.2	2.3	10.4	8.9	2.5	10.8	9.8	2.8	11.1	10.6	3.3		
			23	8.6	5.8	2.2	9.2	6.6	2.4	10.7	8.1	2.5	11.1	8.9	2.9	11.5	9.6	3.4		
		Medium	1630	18	9	5.0	2.4	1.6	5.3	2.7	1.7	6.2	3.3	1.8	6.5	3.6	2.0	6.7	3.9	2.4
					12	5.2	1.5	1.6	5.5	1.7	1.8	6.4	2.1	1.9	6.7	2.4	2.1	6.9	2.6	2.5
					15	6.3	1.6	1.8	6.7	1.8	1.9	7.8	2.2	2.1	8.1	2.4	2.3	8.3	2.6	2.8
				21	12	6.2	3.6	1.9	6.6	4.0	2.0	7.7	5.0	2.2	8.0	5.5	2.5	8.3	5.9	2.9
					15	6.4	2.9	1.9	6.8	3.3	2.1	7.9	4.1	2.2	8.2	4.5	2.5	8.5	4.9	3.0
19	7.4				2.3	2.1	7.9	2.6	2.2	9.2	3.2	2.4	9.6	3.5	2.7	9.9	3.8	3.2		
24	16			6.7	3.7	1.9	7.1	4.1	2.1	8.3	5.1	2.2	8.6	5.6	2.5	8.9	6.1	2.9		
	19			7.6	3.6	2.1	8.1	4.0	2.2	9.4	5.0	2.4	9.8	5.5	2.7	10.1	5.9	3.2		
	23			7.4	1.7	2.2	7.9	1.9	2.3	9.2	2.3	2.5	9.6	2.6	2.8	9.9	2.8	3.3		
27	16			6.9	4.6	2.0	7.4	5.2	2.2	8.6	6.4	2.4	9.0	7.0	2.7	9.3	7.6	3.1		
	19			7.7	4.5	2.1	8.2	5.1	2.3	9.6	6.3	2.4	10.0	7.0	2.8	10.3	7.6	3.2		
	23			8.2	3.1	2.1	8.7	3.5	2.3	10.1	4.3	2.5	10.6	4.7	2.8	10.9	5.1	3.3		
29	19			7.9	4.9	2.1	8.4	5.5	2.3	9.8	6.8	2.5	10.2	7.5	2.8	10.5	8.1	3.3		
	30			16	7.3	5.1	2.1	7.8	5.8	2.2	9.1	7.1	2.4	9.5	7.8	2.7	9.8	8.5	3.2	
				19	7.9	5.2	2.1	8.5	5.9	2.3	9.9	7.2	2.5	10.3	8.0	2.8	10.6	8.6	3.3	
23				8.3	4.2	2.2	8.9	4.8	2.3	10.3	5.9	2.5	10.8	6.5	2.8	11.1	7.1	3.3		
32	16			7.7	5.5	2.1	8.2	6.3	2.3	9.5	7.7	2.4	9.9	8.5	2.8	10.3	9.2	3.2		
	19			8.2	5.8	2.1	8.7	6.6	2.3	10.1	8.1	2.5	10.6	8.9	2.8	10.9	9.7	3.3		
	23			8.6	5.4	2.2	9.2	6.1	2.4	10.7	7.5	2.5	11.1	8.3	2.9	11.5	9.0	3.4		
Low	1520			18	9	4.7	2.1	1.5	5.1	2.4	1.7	5.9	3.0	1.8	6.1	3.3	2.0	6.3	3.6	2.4
					12	4.9	1.4	1.6	5.3	1.6	1.7	6.1	1.9	1.9	6.4	2.1	2.1	6.6	2.3	2.5
					15	5.9	1.4	1.8	6.3	1.6	1.9	7.4	2.0	2.0	7.7	2.2	2.3	7.9	2.4	2.7
				21	12	5.9	3.2	1.9	6.3	3.7	2.0	7.3	4.5	2.1	7.6	5.0	2.4	7.9	5.4	2.9
					15	6.0	2.6	1.9	6.4	3.0	2.0	7.5	3.7	2.2	7.8	4.1	2.5	8.1	4.4	2.9
		19	7.0		2.1	2.0	7.5	2.4	2.2	8.7	2.9	2.4	9.1	3.2	2.7	9.4	3.5	3.1		
		24	16	6.3	3.3	1.9	6.7	3.8	2.0	7.8	4.6	2.2	8.2	5.1	2.5	8.4	5.5	2.9		
			19	7.2	3.2	2.1	7.7	3.7	2.2	8.9	4.5	2.4	9.3	5.0	2.7	9.6	5.4	3.2		
			23	7.0	1.5	2.1	7.5	1.7	2.3	8.7	2.1	2.5	9.1	2.3	2.8	9.4	2.5	3.3		
		27	16	6.6	4.2	2.0	7.0	4.7	2.2	8.2	5.8	2.3	8.5	6.4	2.6	8.8	6.9	3.1		
			19	7.3	4.1	2.1	7.8	4.7	2.2	9.1	5.7	2.4	9.5	6.3	2.7	9.8	6.9	3.2		
			23	7.8	2.8	2.1	8.3	3.2	2.3	9.6	3.9	2.5	10.0	4.3	2.8	10.4	4.7	3.3		
		29	19	7.5	4.4	2.1	8.0	5.0	2.3	9.3	6.2	2.4	9.7	6.8	2.8	10.0	7.4	3.2		
			30	16	6.9	4.6	2.0	7.4	5.3	2.2	8.6	6.5	2.4	9.0	7.1	2.7	9.3	7.7	3.1	
				19	7.5	4.7	2.1	8.0	5.3	2.3	9.4	6.6	2.4	9.8	7.2	2.8	10.1	7.8	3.2	
		23		7.9	3.9	2.1	8.4	4.4	2.3	9.8	5.4	2.5	10.2	5.9	2.8	10.6	6.4	3.3		
		32	16	7.3	5.0	2.1	7.8	5.7	2.2	9.0	7.0	2.4	9.4	7.7	2.7	9.7	8.4	3.2		
			19	7.8	5.3	2.1	8.3	6.0	2.3	9.6	7.4	2.5	10.0	8.1	2.8	10.4	8.8	3.3		
			23	8.6	5.1	2.2	9.2	5.8	2.4	10.7	7.2	2.5	11.1	7.9	2.9	11.5	8.6	3.4		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)													
				39			43			46			48				
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	2000	18	9	6.7	4.3	2.6	5.4	3.5	2.2	5.1	3.4	2.1	4.8	3.2	2.1		
			12	6.9	2.8	2.8	5.6	2.3	2.3	5.3	2.2	2.1	4.9	2.1	2.2		
			15	8.3	2.9	3.0	6.8	2.4	2.5	6.4	2.3	2.4	6.0	2.2	2.4		
		21	12	8.3	6.5	3.2	6.8	5.4	2.6	6.4	5.1	2.5	5.9	4.9	2.5		
			15	8.5	5.3	3.2	6.9	4.4	2.7	6.5	4.2	2.5	6.1	4.0	2.6		
			19	9.9	4.2	3.5	8.1	3.5	2.9	7.6	3.3	2.7	7.1	3.2	2.8		
		24	16	8.9	6.6	3.2	7.2	5.5	2.7	6.8	5.3	2.5	6.3	5.0	2.6		
			19	10.1	6.4	3.5	8.2	5.4	2.9	7.7	5.1	2.8	7.2	4.9	2.8		
			23	9.9	3.0	3.7	8.1	2.5	3.0	7.6	2.4	2.9	7.1	2.3	2.9		
		27	16	9.3	8.3	3.5	7.6	6.9	2.9	7.1	6.6	2.7	6.6	6.3	2.8		
			19	10.3	8.2	3.6	8.4	6.8	2.9	7.9	6.5	2.8	7.4	6.2	2.8		
			23	10.9	5.6	3.6	8.9	4.6	3.0	8.3	4.4	2.8	7.8	4.2	2.9		
		29	19	10.5	8.8	3.6	8.6	7.3	3.0	8.0	7.0	2.8	7.5	6.7	2.9		
			23	10.5	9.2	3.5	8.0	7.7	2.9	7.5	7.4	2.7	7.0	7.0	2.8		
		30	19	10.6	9.4	3.6	8.7	7.8	3.0	8.1	7.5	2.8	7.6	7.1	2.9		
			23	11.1	7.7	3.7	9.1	6.4	3.0	8.5	6.1	2.9	7.9	5.8	2.9		
			23	10.3	10.0	3.6	8.4	8.3	2.9	7.8	8.0	2.8	7.3	7.6	2.8		
		32	19	10.9	10.5	3.6	8.9	8.8	3.0	8.3	8.4	2.8	7.8	8.0	2.9		
			23	11.2	9.5	3.7	9.2	7.9	3.0	8.6	7.6	2.9	8.0	7.2	2.9		
			23	11.2	9.5	3.7	9.2	7.9	3.0	8.6	7.6	2.9	8.0	7.2	2.9		
		Medium	1630	18	9	6.5	3.9	2.6	5.3	3.2	2.2	5.0	3.1	2.0	4.7	2.9	2.1
					12	6.8	2.5	2.7	5.5	2.1	2.3	5.2	2.0	2.1	4.8	1.9	2.2
					15	8.2	2.6	3.0	6.7	2.2	2.5	6.3	2.1	2.3	5.8	2.0	2.4
				21	12	8.1	5.9	3.1	6.6	4.9	2.6	6.2	4.7	2.5	5.8	4.5	2.5
15	8.3				4.8	3.2	6.8	4.0	2.7	6.4	3.8	2.5	5.9	3.6	2.6		
19	9.7				3.8	3.5	7.9	3.2	2.9	7.4	3.0	2.7	6.9	2.9	2.8		
24	16			8.7	6.0	3.2	7.1	5.0	2.7	6.7	4.8	2.5	6.2	4.6	2.6		
	19			9.9	5.9	3.5	8.1	4.9	2.9	7.6	4.7	2.7	7.1	4.4	2.8		
	23			9.7	2.8	3.6	7.9	2.3	3.0	7.4	2.2	2.8	6.9	2.1	2.9		
27	16			9.1	7.5	3.4	7.4	6.3	2.8	6.9	6.0	2.7	6.5	5.7	2.7		
	19			10.1	7.5	3.5	8.2	6.2	2.9	7.7	6.0	2.8	7.2	5.7	2.8		
	23			10.7	5.1	3.6	8.7	4.2	3.0	8.2	4.0	2.8	7.6	3.8	2.9		
29	19			10.3	8.0	3.6	8.4	6.7	2.9	7.9	6.4	2.8	7.3	6.1	2.8		
	23			10.3	9.6	8.4	3.5	7.8	7.0	2.9	7.3	6.7	2.7	6.8	6.4	2.8	
	23			10.4	8.6	3.6	8.5	7.1	2.9	7.9	6.8	2.8	7.4	6.5	2.8		
30	19			10.9	7.0	3.6	8.9	5.8	3.0	8.3	5.6	2.8	7.8	5.3	2.9		
	23			10.9	10.0	9.1	3.5	8.2	7.6	2.9	7.7	7.2	2.8	7.2	6.9	2.8	
	23			10.9	10.0	9.1	3.5	8.2	7.6	2.9	7.7	7.2	2.8	7.2	6.9	2.8	
32	19			10.7	9.6	3.6	8.7	8.0	3.0	8.2	7.6	2.8	7.6	7.3	2.9		
	23			11.2	8.9	3.7	9.2	7.4	3.0	8.6	7.1	2.9	8.0	6.7	2.9		
	23			11.2	8.9	3.7	9.2	7.4	3.0	8.6	7.1	2.9	8.0	6.7	2.9		
Low	1520			18	9	6.2	3.5	2.6	5.1	2.9	2.1	4.7	2.8	2.0	4.4	2.7	2.1
					12	6.4	2.3	2.7	5.3	1.9	2.2	4.9	1.8	2.1	4.6	1.7	2.2
					15	7.8	2.4	3.0	6.3	2.0	2.5	5.9	1.9	2.3	5.5	1.8	2.4
		21	12	7.7	5.3	3.1	6.3	4.4	2.6	5.9	4.3	2.4	5.5	4.0	2.5		
			15	7.9	4.4	3.2	6.4	3.6	2.6	6.0	3.5	2.5	5.6	3.3	2.5		
			19	9.2	3.5	3.4	7.5	2.9	2.8	7.0	2.8	2.7	6.6	2.6	2.7		
		24	16	8.3	5.5	3.2	6.7	4.6	2.6	6.3	4.4	2.5	5.9	4.2	2.5		
			19	9.4	5.3	3.5	7.7	4.4	2.9	7.2	4.2	2.7	6.7	4.0	2.8		
			23	9.2	2.5	3.6	7.5	2.1	3.0	7.0	2.0	2.8	6.6	1.9	2.9		
		27	16	8.6	6.9	3.4	7.0	5.7	2.8	6.6	5.5	2.6	6.2	5.2	2.7		
			19	9.6	6.8	3.5	7.8	5.7	2.9	7.3	5.4	2.7	6.8	5.1	2.8		
			23	10.1	4.6	3.6	8.3	3.8	2.9	7.8	3.7	2.8	7.2	3.5	2.8		
		29	19	9.8	7.3	3.5	8.0	6.1	2.9	7.5	5.8	2.8	7.0	5.5	2.8		
			23	9.8	9.1	7.6	3.4	7.4	6.4	2.8	6.9	6.1	2.7	6.5	5.8	2.7	
			23	9.9	9.9	7.8	3.5	8.0	6.5	2.9	7.5	6.2	2.8	7.0	5.9	2.8	
		30	19	10.3	6.4	3.6	8.4	5.3	3.0	7.9	5.1	2.8	7.4	4.8	2.9		
			23	10.3	6.4	3.6	8.4	5.3	3.0	7.9	5.1	2.8	7.4	4.8	2.9		
			23	10.3	6.4	3.6	8.4	5.3	3.0	7.9	5.1	2.8	7.4	4.8	2.9		
		32	16	9.5	8.3	3.5	7.8	6.9	2.9	7.3	6.6	2.7	6.8	6.3	2.8		
			19	10.1	8.7	3.6	8.3	7.3	2.9	7.8	6.9	2.8	7.2	6.6	2.8		
			23	11.2	8.5	3.7	9.2	7.1	3.0	8.6	6.8	2.9	8.0	6.4	2.9		

Outdoor Unit:GUHD42NK3CO/GUHD42NM3CO Indoor Unit:GTH42K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																
				18			21			25			30			35				
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	2000	18	9	5.6	2.8	1.7	6.0	3.2	1.9	6.9	3.9	2.0	7.2	4.3	2.3	7.5	4.7	2.6		
			12	5.8	1.8	1.8	6.2	2.1	1.9	7.2	2.6	2.1	7.5	2.8	2.4	7.7	3.1	2.8		
			15	7.0	1.9	2.0	7.5	2.2	2.1	8.7	2.6	2.3	9.0	2.9	2.6	9.3	3.2	3.0		
		21	12	7.0	4.3	2.1	7.4	4.9	2.2	8.6	6.0	2.4	9.0	6.6	2.7	9.3	7.1	3.2		
			15	7.1	3.5	2.1	7.6	4.0	2.3	8.8	4.9	2.4	9.2	5.4	2.8	9.5	5.8	3.3		
			19	8.3	2.8	2.3	8.8	3.1	2.5	10.3	3.9	2.6	10.7	4.3	3.0	11.0	4.6	3.5		
		24	16	7.4	4.4	2.1	7.9	5.0	2.3	9.2	6.1	2.4	9.6	6.8	2.8	9.9	7.3	3.3		
			19	8.5	4.3	2.3	9.0	4.8	2.5	10.5	6.0	2.7	10.9	6.6	3.0	11.3	7.1	3.5		
			23	8.3	2.0	2.4	8.8	2.3	2.6	10.3	2.8	2.8	10.7	3.1	3.1	11.0	3.4	3.7		
		27	16	7.8	5.5	2.3	8.3	6.2	2.4	9.6	7.7	2.6	10.0	8.4	3.0	10.4	9.2	3.5		
			19	8.6	5.5	2.3	9.2	6.2	2.5	10.7	7.6	2.7	11.2	8.4	3.0	11.5	9.1	3.6		
			23	9.1	3.7	2.4	9.8	4.2	2.6	11.3	5.2	2.7	11.8	5.7	3.1	12.2	6.2	3.7		
		29	19	8.8	5.8	2.4	9.4	6.6	2.5	10.9	8.1	2.7	11.4	9.0	3.1	11.7	9.7	3.6		
			16	8.2	6.1	2.3	8.7	7.0	2.5	10.1	8.6	2.6	10.6	9.4	3.0	10.9	10.2	3.5		
			19	8.9	6.2	2.4	9.5	7.1	2.5	11.0	8.7	2.7	11.5	9.6	3.1	11.8	10.4	3.6		
		30	23	9.3	5.1	2.4	9.9	5.8	2.6	11.6	7.1	2.8	12.1	7.8	3.1	12.4	8.5	3.7		
			16	8.6	6.6	2.3	9.2	7.5	2.5	10.7	9.3	2.7	11.1	10.2	3.0	11.5	11.1	3.6		
			19	9.1	7.0	2.4	9.8	7.9	2.6	11.3	9.8	2.7	11.8	10.7	3.1	12.2	11.7	3.7		
		32	23	9.4	6.3	2.4	10.0	7.2	2.6	11.7	8.8	2.8	12.2	9.7	3.1	12.6	10.6	3.7		
			9	5.5	2.6	1.7	5.8	2.9	1.8	6.8	3.6	2.0	7.1	4.0	2.2	7.3	4.3	2.6		
			12	5.7	1.7	1.8	6.1	1.9	1.9	7.0	2.3	2.1	7.3	2.6	2.3	7.6	2.8	2.7		
		Medium	1630	18	15	6.8	1.7	2.0	7.3	2.0	2.1	8.5	2.4	2.3	8.9	2.7	2.6	9.1	2.9	3.0
					12	6.8	3.9	2.1	7.3	4.4	2.2	8.5	5.5	2.4	8.8	6.0	2.7	9.1	6.5	3.2
					15	7.0	3.2	2.1	7.4	3.6	2.3	8.7	4.5	2.4	9.0	4.9	2.7	9.3	5.3	3.2
21	19			8.1	2.5	2.3	8.7	2.9	2.4	10.1	3.5	2.6	10.5	3.9	3.0	10.8	4.2	3.5		
	16			7.3	4.0	2.1	7.8	4.5	2.3	9.0	5.6	2.4	9.4	6.2	2.7	9.7	6.7	3.2		
	19			8.3	3.9	2.3	8.8	4.4	2.5	10.3	5.4	2.6	10.7	6.0	3.0	11.0	6.5	3.5		
24	23			8.1	1.8	2.4	8.7	2.1	2.6	10.1	2.6	2.7	10.5	2.8	3.1	10.8	3.1	3.6		
	16			7.6	5.0	2.2	8.1	5.7	2.4	9.4	7.0	2.6	9.8	7.7	2.9	10.1	8.3	3.4		
	19			8.5	5.0	2.3	9.0	5.6	2.5	10.5	6.9	2.7	10.9	7.6	3.0	11.3	8.3	3.5		
27	23			9.0	3.4	2.3	9.6	3.8	2.5	11.1	4.7	2.7	11.6	5.2	3.1	11.9	5.6	3.6		
	19			8.6	5.3	2.3	9.2	6.0	2.5	10.7	7.4	2.7	11.2	8.2	3.0	11.5	8.9	3.6		
	16			8.0	5.6	2.3	8.5	6.3	2.4	9.9	7.8	2.6	10.4	8.6	3.0	10.7	9.3	3.5		
30	19			8.7	5.7	2.3	9.3	6.4	2.5	10.8	7.9	2.7	11.3	8.7	3.0	11.6	9.5	3.6		
	23			9.1	4.7	2.4	9.8	5.3	2.6	11.3	6.5	2.7	11.8	7.1	3.1	12.2	7.8	3.7		
	16			8.4	6.0	2.3	9.0	6.9	2.5	10.4	8.4	2.7	10.9	9.3	3.0	11.2	10.1	3.5		
32	19			9.0	6.4	2.3	9.6	7.2	2.5	11.1	8.9	2.7	11.6	9.8	3.1	11.9	10.6	3.6		
	23			9.4	5.9	2.4	10.0	6.7	2.6	11.7	8.2	2.8	12.2	9.1	3.1	12.6	9.8	3.7		
	9			5.2	2.3	1.7	5.5	2.7	1.8	6.4	3.3	1.9	6.7	3.6	2.2	6.9	3.9	2.6		
Low	1520			18	12	5.4	1.5	1.8	5.8	1.7	1.9	6.7	2.1	2.0	7.0	2.3	2.3	7.2	2.5	2.7
					15	6.5	1.6	1.9	6.9	1.8	2.1	8.1	2.2	2.2	8.4	2.4	2.5	8.7	2.6	3.0
					12	6.5	3.5	2.0	6.9	4.0	2.2	8.0	4.9	2.3	8.4	5.4	2.7	8.6	5.9	3.1
				21	15	6.6	2.9	2.1	7.1	3.3	2.2	8.2	4.0	2.4	8.6	4.5	2.7	8.8	4.8	3.2
					19	7.7	2.3	2.2	8.2	2.6	2.4	9.5	3.2	2.6	10.0	3.5	2.9	10.3	3.8	3.4
					16	6.9	3.6	2.1	7.4	4.1	2.2	8.6	5.1	2.4	8.9	5.6	2.7	9.2	6.1	3.2
		24	19	7.9	3.5	2.3	8.4	4.0	2.4	9.7	4.9	2.6	10.2	5.4	3.0	10.5	5.9	3.5		
			23	7.7	1.7	2.3	8.2	1.9	2.5	9.6	2.3	2.7	10.0	2.6	3.1	10.3	2.8	3.6		
			16	7.2	4.5	2.2	7.7	5.2	2.4	9.0	6.3	2.6	9.3	7.0	2.9	9.6	7.6	3.4		
		27	19	8.0	4.5	2.3	8.6	5.1	2.5	9.9	6.3	2.6	10.4	6.9	3.0	10.7	7.5	3.5		
			23	8.5	3.1	2.3	9.1	3.5	2.5	10.5	4.3	2.7	11.0	4.7	3.0	11.3	5.1	3.6		
			19	8.2	4.8	2.3	8.7	5.5	2.5	10.1	6.7	2.7	10.6	7.4	3.0	10.9	8.1	3.5		
		29	16	7.6	5.1	2.2	8.1	5.8	2.4	9.4	7.1	2.6	9.8	7.8	2.9	10.1	8.5	3.4		
			19	8.3	5.2	2.3	8.8	5.8	2.5	10.2	7.2	2.7	10.7	7.9	3.0	11.0	8.6	3.5		
			23	8.7	4.2	2.3	9.3	4.8	2.5	10.8	5.9	2.7	11.2	6.5	3.1	11.6	7.0	3.6		
		30	16	8.0	5.5	2.3	8.5	6.2	2.5	9.9	7.7	2.6	10.3	8.4	3.0	10.7	9.2	3.5		
			19	8.5	5.8	2.3	9.1	6.6	2.5	10.5	8.1	2.7	11.0	8.9	3.0	11.3	9.6	3.6		
			23	9.4	5.6	2.4	10.0	6.4	2.6	11.7	7.9	2.8	12.2	8.7	3.1	12.6	9.4	3.7		

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Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)											
				39			43			46			48		
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
High	2000	18	9	7.3	4.7	2.9	6.0	3.9	2.4	5.6	3.7	2.3	5.2	3.5	2.3
			12	7.6	3.0	3.0	6.2	2.5	2.5	5.8	2.4	2.4	5.4	2.3	2.4
			15	9.1	3.1	3.3	7.5	2.6	2.7	7.0	2.5	2.6	6.5	2.4	2.6
		21	12	9.1	7.1	3.5	7.4	5.9	2.9	7.0	5.6	2.7	6.5	5.4	2.8
			15	9.3	5.8	3.6	7.6	4.8	2.9	7.1	4.6	2.8	6.6	4.4	2.8
			19	10.8	4.6	3.8	8.8	3.8	3.2	8.3	3.6	3.0	7.7	3.5	3.1
		24	16	9.7	7.3	3.6	7.9	6.0	2.9	7.4	5.8	2.8	6.9	5.5	2.8
			19	11.0	7.0	3.9	9.0	5.9	3.2	8.5	5.6	3.0	7.9	5.3	3.1
			23	10.8	3.3	4.0	8.8	2.8	3.3	8.3	2.6	3.1	7.7	2.5	3.2
		27	16	10.1	9.1	3.8	8.3	7.5	3.1	7.8	7.2	3.0	7.2	6.9	3.0
			19	11.3	9.0	3.9	9.2	7.5	3.2	8.6	7.2	3.0	8.1	6.8	3.1
			23	11.9	6.1	4.0	9.8	5.1	3.3	9.1	4.9	3.1	8.5	4.6	3.2
		29	19	11.5	9.6	3.9	9.4	8.0	3.3	8.8	7.7	3.1	8.2	7.3	3.1
			16	10.7	10.1	3.8	8.7	8.4	3.2	8.2	8.1	3.0	7.6	7.7	3.1
			19	11.6	10.3	3.9	9.5	8.6	3.3	8.9	8.2	3.1	8.3	7.8	3.1
		30	23	12.2	8.4	4.0	9.9	7.0	3.3	9.3	6.7	3.1	8.7	6.4	3.2
			16	11.2	10.9	3.9	9.2	9.1	3.2	8.6	8.7	3.0	8.0	8.3	3.1
			19	11.9	11.5	4.0	9.8	9.6	3.3	9.1	9.2	3.1	8.5	8.7	3.2
32	23	12.3	10.5	4.0	10.0	8.7	3.3	9.4	8.3	3.1	8.8	7.9	3.2		
	18	9	7.2	4.2	2.9	5.8	3.5	2.4	5.5	3.4	2.2	5.1	3.2	2.3	
	12	7.4	2.8	3.0	6.1	2.3	2.5	5.7	2.2	2.3	5.3	2.1	2.4		
Medium	1630	18	15	8.9	2.9	3.3	7.3	2.4	2.7	6.8	2.3	2.6	6.4	2.2	2.6
			12	8.9	6.4	3.4	7.3	5.4	2.8	6.8	5.1	2.7	6.4	4.9	2.7
			15	9.1	5.3	3.5	7.4	4.4	2.9	7.0	4.2	2.7	6.5	4.0	2.8
		21	19	10.6	4.2	3.8	8.7	3.5	3.1	8.1	3.3	3.0	7.6	3.2	3.0
			16	9.5	6.6	3.5	7.8	5.5	2.9	7.3	5.3	2.7	6.8	5.0	2.8
			19	10.8	6.4	3.8	8.8	5.3	3.2	8.3	5.1	3.0	7.7	4.9	3.1
		24	23	10.6	3.0	4.0	8.7	2.5	3.3	8.1	2.4	3.1	7.6	2.3	3.2
			16	9.9	8.3	3.7	8.1	6.9	3.1	7.6	6.6	2.9	7.1	6.3	3.0
			19	11.0	8.2	3.9	9.0	6.8	3.2	8.5	6.5	3.0	7.9	6.2	3.1
		27	23	11.7	5.6	3.9	9.6	4.6	3.3	9.0	4.4	3.1	8.4	4.2	3.1
			19	11.3	8.8	3.9	9.2	7.3	3.2	8.6	7.0	3.0	8.0	6.6	3.1
			16	10.5	9.2	3.8	8.5	7.7	3.1	8.0	7.3	3.0	7.5	7.0	3.0
		30	19	11.4	9.4	3.9	9.3	7.8	3.2	8.7	7.5	3.0	8.1	7.1	3.1
			23	11.9	7.7	4.0	9.8	6.4	3.3	9.1	6.1	3.1	8.5	5.8	3.2
			16	11.0	10.0	3.9	9.0	8.3	3.2	8.4	7.9	3.0	7.9	7.6	3.1
		32	19	11.7	10.5	3.9	9.6	8.8	3.3	9.0	8.4	3.1	8.4	8.0	3.1
			23	12.3	9.7	4.0	10.0	8.1	3.3	9.4	7.7	3.1	8.8	7.4	3.2
			9	6.8	3.9	2.8	5.5	3.2	2.3	5.2	3.1	2.2	4.9	2.9	2.3
Low	1520	18	12	7.0	2.5	3.0	5.8	2.1	2.4	5.4	2.0	2.3	5.0	1.9	2.4
			15	8.5	2.6	3.3	6.9	2.2	2.7	6.5	2.1	2.5	6.1	2.0	2.6
			12	8.5	5.9	3.4	6.9	4.9	2.8	6.5	4.7	2.7	6.0	4.4	2.7
		21	15	8.7	4.8	3.5	7.1	4.0	2.9	6.6	3.8	2.7	6.2	3.6	2.8
			19	10.1	3.8	3.7	8.2	3.2	3.1	7.7	3.0	2.9	7.2	2.9	3.0
			16	9.0	6.0	3.5	7.4	5.0	2.9	6.9	4.8	2.7	6.5	4.5	2.8
		24	19	10.3	5.8	3.8	8.4	4.9	3.1	7.9	4.6	3.0	7.3	4.4	3.0
			23	10.1	2.7	3.9	8.2	2.3	3.3	7.7	2.2	3.1	7.2	2.1	3.1
			16	9.4	7.5	3.7	7.7	6.2	3.1	7.2	6.0	2.9	6.7	5.7	3.0
		27	19	10.5	7.4	3.8	8.6	6.2	3.2	8.0	5.9	3.0	7.5	5.6	3.1
			23	11.1	5.0	3.9	9.1	4.2	3.2	8.5	4.0	3.0	7.9	3.8	3.1
			19	10.7	8.0	3.9	8.7	6.6	3.2	8.2	6.3	3.0	7.6	6.0	3.1
		30	16	9.9	8.4	3.7	8.1	7.0	3.1	7.6	6.7	2.9	7.1	6.3	3.0
			19	10.8	8.5	3.9	8.8	7.1	3.2	8.3	6.8	3.0	7.7	6.4	3.1
			23	11.3	7.0	3.9	9.3	5.8	3.3	8.7	5.5	3.1	8.1	5.3	3.1
		32	16	10.4	9.1	3.8	8.5	7.5	3.2	8.0	7.2	3.0	7.5	6.9	3.1
			19	11.1	9.5	3.9	9.1	7.9	3.2	8.5	7.6	3.0	7.9	7.2	3.1
			23	12.3	9.3	4.0	10.0	7.7	3.3	9.4	7.4	3.1	8.8	7.0	3.2

Outdoor Unit:GUHD48NK3CO/GUHD48NM3CO Indoor Unit:GTH48K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																
				18			21			25			30			35				
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	2300	18	9	6.8	3.4	2.0	7.3	3.9	2.2	8.4	4.8	2.3	8.8	5.3	2.6	9.1	5.7	3.1		
			12	7.1	2.2	2.1	7.5	2.5	2.3	8.8	3.1	2.4	9.1	3.4	2.8	9.4	3.7	3.2		
			15	8.5	2.3	2.3	9.1	2.6	2.5	10.5	3.2	2.7	11.0	3.5	3.0	11.3	3.9	3.6		
		21	12	8.5	5.2	2.4	9.0	5.9	2.6	10.5	7.3	2.8	11.0	8.0	3.2	11.3	8.7	3.7		
			15	8.7	4.3	2.5	9.2	4.8	2.7	10.7	6.0	2.9	11.2	6.6	3.3	11.6	7.1	3.8		
			19	10.1	3.4	2.7	10.8	3.8	2.9	12.5	4.7	3.1	13.0	5.2	3.5	13.4	5.6	4.1		
		24	16	9.1	5.4	2.5	9.7	6.1	2.7	11.2	7.5	2.9	11.7	8.2	3.3	12.1	8.9	3.8		
			19	10.3	5.2	2.7	11.0	5.9	2.9	12.8	7.3	3.1	13.3	8.0	3.5	13.7	8.7	4.2		
			23	10.1	2.4	2.8	10.8	2.8	3.0	12.5	3.4	3.2	13.0	3.8	3.7	13.4	4.1	4.3		
		27	16	9.5	6.7	2.6	10.1	7.6	2.9	11.7	9.3	3.1	12.2	10.3	3.5	12.6	11.1	4.1		
			19	10.5	6.6	2.7	11.2	7.5	2.9	13.0	9.3	3.2	13.6	10.2	3.6	14.0	11.1	4.2		
			23	11.1	4.5	2.8	11.9	5.1	3.0	13.8	6.3	3.2	14.4	6.9	3.6	14.8	7.5	4.3		
		29	19	10.7	7.1	2.8	11.4	8.1	3.0	13.3	9.9	3.2	13.9	10.9	3.6	14.3	11.8	4.2		
			16	9.9	7.5	2.7	10.6	8.5	2.9	12.3	10.4	3.1	12.9	11.5	3.5	13.3	12.4	4.1		
			19	10.8	7.6	2.8	11.5	8.6	3.0	13.4	10.6	3.2	14.0	11.7	3.6	14.4	12.6	4.2		
		30	23	11.4	6.2	2.8	12.1	7.0	3.0	14.1	8.7	3.2	14.7	9.5	3.7	15.1	10.4	4.3		
			16	10.5	8.1	2.7	11.2	9.2	2.9	13.0	11.3	3.1	13.5	12.4	3.6	13.9	13.5	4.2		
			19	11.1	8.5	2.8	11.9	9.6	3.0	13.8	11.9	3.2	14.4	13.1	3.6	14.8	14.2	4.3		
		32	23	11.5	7.7	2.8	12.2	8.7	3.0	14.2	10.8	3.2	14.8	11.8	3.7	15.3	12.9	4.3		
			16	10.5	8.1	2.7	11.2	9.2	2.9	13.0	11.3	3.1	13.5	12.4	3.6	13.9	13.5	4.2		
			19	11.1	8.5	2.8	11.9	9.6	3.0	13.8	11.9	3.2	14.4	13.1	3.6	14.8	14.2	4.3		
		Medium	2100	18	9	6.7	3.1	2.0	7.1	3.6	2.2	8.3	4.4	2.3	8.6	4.8	2.6	8.9	5.2	3.1
					12	6.9	2.0	2.1	7.4	2.3	2.3	8.6	2.9	2.4	8.9	3.1	2.7	9.2	3.4	3.2
					15	8.3	2.1	2.3	8.9	2.4	2.5	10.3	2.9	2.7	10.8	3.2	3.0	11.1	3.5	3.5
21	12			8.3	4.8	2.4	8.9	5.4	2.6	10.3	6.6	2.8	10.7	7.3	3.2	11.1	7.9	3.7		
	15			8.5	3.9	2.5	9.1	4.4	2.7	10.5	5.4	2.8	11.0	6.0	3.2	11.3	6.5	3.8		
	19			9.9	3.1	2.6	10.5	3.5	2.9	12.2	4.3	3.1	12.8	4.7	3.5	13.2	5.1	4.1		
24	16			8.9	4.9	2.5	9.5	5.5	2.7	11.0	6.8	2.8	11.5	7.5	3.2	11.8	8.1	3.8		
	19			10.1	4.7	2.7	10.8	5.4	2.9	12.5	6.6	3.1	13.0	7.3	3.5	13.4	7.9	4.1		
	23			9.9	2.2	2.8	10.5	2.5	3.0	12.3	3.1	3.2	12.8	3.4	3.6	13.2	3.7	4.3		
27	16			9.3	6.1	2.6	9.9	6.9	2.8	11.5	8.5	3.0	12.0	9.4	3.4	12.3	10.2	4.0		
	19			10.3	6.0	2.7	11.0	6.9	2.9	12.8	8.4	3.1	13.3	9.3	3.5	13.7	10.1	4.2		
	23			10.9	4.1	2.8	11.6	4.7	3.0	13.5	5.7	3.2	14.1	6.3	3.6	14.5	6.8	4.2		
29	19			10.5	6.5	2.7	11.2	7.3	2.9	13.0	9.0	3.1	13.6	9.9	3.6	14.0	10.8	4.2		
	16			9.8	6.8	2.6	10.4	7.7	2.9	12.1	9.5	3.1	12.6	10.5	3.5	13.0	11.3	4.1		
	19			10.6	6.9	2.7	11.3	7.8	2.9	13.1	9.6	3.1	13.7	10.6	3.6	14.1	11.5	4.2		
30	23			11.1	5.7	2.8	11.9	6.4	3.0	13.8	7.9	3.2	14.4	8.7	3.6	14.8	9.4	4.3		
	16			10.3	7.4	2.7	10.9	8.3	2.9	12.7	10.3	3.1	13.3	11.3	3.5	13.7	12.3	4.2		
	19			10.9	7.8	2.8	11.6	8.8	3.0	13.5	10.8	3.2	14.1	11.9	3.6	14.5	12.9	4.2		
32	23			11.5	7.2	2.8	12.2	8.1	3.0	14.2	10.0	3.2	14.8	11.0	3.7	15.3	12.0	4.3		
	16			10.3	7.4	2.7	10.9	8.3	2.9	12.7	10.3	3.1	13.3	11.3	3.5	13.7	12.3	4.2		
	19			10.9	7.8	2.8	11.6	8.8	3.0	13.5	10.8	3.2	14.1	11.9	3.6	14.5	12.9	4.2		
Low	1900			18	9	6.3	2.8	2.0	6.7	3.2	2.1	7.8	4.0	2.3	8.2	4.4	2.6	8.4	4.7	3.0
					12	6.6	1.9	2.1	7.0	2.1	2.2	8.1	2.6	2.4	8.5	2.9	2.7	8.8	3.1	3.2
					15	7.9	1.9	2.3	8.4	2.2	2.4	9.8	2.7	2.6	10.2	2.9	3.0	10.5	3.2	3.5
		21	12	7.9	4.3	2.4	8.4	4.9	2.6	9.8	6.0	2.8	10.2	6.6	3.1	10.5	7.2	3.7		
			15	8.1	3.5	2.4	8.6	4.0	2.6	10.0	4.9	2.8	10.4	5.4	3.2	10.7	5.9	3.8		
			19	9.4	2.8	2.6	10.0	3.2	2.8	11.6	3.9	3.0	12.1	4.3	3.4	12.5	4.7	4.0		
		24	16	8.4	4.4	2.4	9.0	5.0	2.6	10.4	6.2	2.8	10.9	6.8	3.2	11.2	7.4	3.7		
			19	9.6	4.3	2.6	10.2	4.9	2.9	11.9	6.0	3.1	12.4	6.6	3.5	12.8	7.2	4.1		
			23	9.4	2.0	2.8	10.0	2.3	3.0	11.6	2.8	3.2	12.1	3.1	3.6	12.5	3.4	4.2		
		27	16	8.8	5.5	2.6	9.4	6.3	2.8	10.9	7.7	3.0	11.4	8.5	3.4	11.7	9.2	4.0		
			19	9.8	5.5	2.7	10.4	6.2	2.9	12.1	7.7	3.1	12.6	8.4	3.5	13.0	9.2	4.1		
			23	10.4	3.7	2.7	11.0	4.2	2.9	12.8	5.2	3.1	13.4	5.7	3.6	13.8	6.2	4.2		
		29	19	10.0	5.9	2.7	10.6	6.7	2.9	12.4	8.2	3.1	12.9	9.0	3.5	13.3	9.8	4.2		
			16	9.3	6.2	2.6	9.9	7.0	2.8	11.5	8.6	3.0	12.0	9.5	3.4	12.3	10.3	4.0		
			19	10.1	6.3	2.7	10.7	7.1	2.9	12.5	8.8	3.1	13.0	9.6	3.5	13.4	10.5	4.2		
		30	23	10.6	5.1	2.8	11.3	5.8	3.0	13.1	7.2	3.2	13.7	7.9	3.6	14.1	8.6	4.2		
			16	9.7	6.7	2.7	10.4	7.6	2.9	12.1	9.3	3.1	12.6	10.3	3.5	13.0	11.1	4.1		
			19	10.4	7.0	2.7	11.0	8.0	2.9	12.8	9.8	3.1	13.4	10.8	3.6	13.8	11.7	4.2		
		32	23	11.5	6.9	2.8	12.2	7.8	3.0	14.2	9.6	3.2	14.8	10.5	3.7	15.3	11.4	4.3		
			16	10.3	7.4	2.7	10.9	8.3	2.9	12.7	10.3	3.1	13.3	11.3	3.5	13.7	12.3	4.2		
			19	10.9	7.8	2.8	11.6	8.8	3.0	13.5	10.8	3.2	14.1	11.9	3.6	14.5	12.9	4.2		

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Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)													
				39			43			46			48				
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	2300	18	9	8.9	5.7	3.4	7.3	4.7	2.8	6.8	4.5	2.6	6.4	4.3	2.7		
			12	9.2	3.7	3.5	7.5	3.1	2.9	7.1	2.9	2.8	6.6	2.8	2.8		
			15	11.1	3.8	3.9	9.1	3.2	3.2	8.5	3.0	3.0	7.9	2.9	3.1		
		21	12	11.1	8.6	4.1	9.0	7.2	3.4	8.5	6.8	3.2	7.9	6.5	3.3		
			15	11.3	7.0	4.2	9.2	5.9	3.4	8.7	5.6	3.3	8.1	5.3	3.3		
			19	13.2	5.6	4.5	10.8	4.6	3.7	10.1	4.4	3.5	9.4	4.2	3.6		
		24	16	11.8	8.8	4.2	9.7	7.4	3.4	9.1	7.0	3.3	8.5	6.7	3.3		
			19	13.4	8.6	4.5	11.0	7.1	3.7	10.3	6.8	3.5	9.6	6.5	3.6		
			23	13.2	4.0	4.7	10.8	3.4	3.9	10.1	3.2	3.7	9.4	3.1	3.8		
		27	16	12.3	11.0	4.4	10.1	9.2	3.7	9.5	8.8	3.5	8.8	8.4	3.5		
			19	13.7	10.9	4.6	11.2	9.1	3.8	10.5	8.7	3.6	9.8	8.3	3.7		
			23	14.5	7.4	4.7	11.9	6.2	3.9	11.1	5.9	3.6	10.4	5.6	3.7		
		29	19	14.0	11.7	4.6	11.4	9.8	3.8	10.7	9.3	3.6	10.0	8.9	3.7		
			16	13.0	12.3	4.5	10.6	10.3	3.7	9.9	9.8	3.5	9.3	9.3	3.6		
			19	14.1	12.5	4.6	11.5	10.4	3.8	10.8	10.0	3.6	10.1	9.5	3.7		
		30	23	14.8	10.3	4.7	12.1	8.5	3.9	11.4	8.2	3.7	10.6	7.8	3.8		
			16	13.7	13.3	4.6	11.2	11.1	3.8	10.5	10.6	3.6	9.8	10.1	3.7		
			19	14.5	14.0	4.7	11.9	11.7	3.9	11.1	11.2	3.6	10.4	10.6	3.7		
		32	23	15.0	12.7	4.7	12.2	10.6	3.9	11.5	10.1	3.7	10.7	9.6	3.8		
			9	8.7	5.2	3.4	7.1	4.3	2.8	6.7	4.1	2.6	6.2	3.9	2.7		
			12	9.0	3.4	3.5	7.4	2.8	2.9	6.9	2.7	2.7	6.5	2.6	2.8		
		Medium	2100	18	15	10.9	3.5	3.9	8.9	2.9	3.2	8.3	2.8	3.0	7.8	2.6	3.1
					12	10.8	7.8	4.0	8.9	6.5	3.3	8.3	6.2	3.2	7.7	5.9	3.2
					15	11.1	6.4	4.1	9.1	5.3	3.4	8.5	5.1	3.2	7.9	4.9	3.3
21	19			12.9	5.1	4.4	10.5	4.2	3.7	9.9	4.0	3.5	9.2	3.8	3.5		
	16			11.6	8.1	4.1	9.5	6.7	3.4	8.9	6.4	3.2	8.3	6.1	3.3		
	19			13.2	7.8	4.5	10.8	6.5	3.7	10.1	6.2	3.5	9.4	5.9	3.6		
24	23			12.9	3.7	4.7	10.5	3.1	3.9	9.9	2.9	3.6	9.2	2.8	3.7		
	16			12.1	10.1	4.4	9.9	8.4	3.6	9.3	8.0	3.4	8.6	7.6	3.5		
	19			13.4	10.0	4.5	11.0	8.3	3.7	10.3	7.9	3.5	9.6	7.5	3.6		
27	23			14.3	6.8	4.6	11.6	5.6	3.8	10.9	5.4	3.6	10.2	5.1	3.7		
	19			13.7	10.7	4.6	11.2	8.9	3.8	10.5	8.5	3.6	9.8	8.1	3.7		
	16			12.7	11.2	4.4	10.4	9.3	3.7	9.8	8.9	3.5	9.1	8.5	3.5		
30	19			13.8	11.4	4.6	11.3	9.5	3.8	10.6	9.1	3.6	9.9	8.6	3.7		
	23			14.5	9.3	4.7	11.9	7.8	3.9	11.1	7.4	3.6	10.4	7.1	3.7		
	16			13.4	12.1	4.5	10.9	10.1	3.7	10.3	9.7	3.5	9.6	9.2	3.6		
32	19			14.3	12.8	4.6	11.6	10.7	3.8	10.9	10.2	3.6	10.2	9.7	3.7		
	23			15.0	11.8	4.7	12.2	9.9	3.9	11.5	9.4	3.7	10.7	9.0	3.8		
	9			8.3	4.7	3.3	6.7	3.9	2.7	6.3	3.7	2.6	5.9	3.6	2.6		
Low	1900			18	12	8.6	3.1	3.5	7.0	2.6	2.9	6.6	2.4	2.7	6.1	2.3	2.8
					15	10.3	3.2	3.8	8.4	2.6	3.1	7.9	2.5	3.0	7.4	2.4	3.0
					12	10.3	7.1	4.0	8.4	5.9	3.3	7.9	5.7	3.1	7.3	5.4	3.2
				21	15	10.5	5.8	4.1	8.6	4.9	3.4	8.1	4.6	3.2	7.5	4.4	3.3
					19	12.2	4.6	4.4	10.0	3.8	3.6	9.4	3.7	3.4	8.7	3.5	3.5
					16	11.0	7.3	4.1	9.0	6.1	3.4	8.4	5.8	3.2	7.9	5.5	3.3
		24	19	12.5	7.1	4.4	10.2	5.9	3.7	9.6	5.7	3.5	8.9	5.4	3.5		
			23	12.3	3.3	4.6	10.0	2.8	3.8	9.4	2.7	3.6	8.8	2.5	3.7		
			16	11.5	9.1	4.4	9.4	7.6	3.6	8.8	7.3	3.4	8.2	6.9	3.5		
		27	19	12.8	9.1	4.5	10.4	7.5	3.7	9.8	7.2	3.5	9.1	6.9	3.6		
			23	13.5	6.1	4.6	11.0	5.1	3.8	10.4	4.9	3.6	9.7	4.7	3.7		
			19	13.0	9.7	4.5	10.6	8.1	3.7	10.0	7.7	3.5	9.3	7.3	3.6		
		29	16	12.1	10.2	4.4	9.9	8.5	3.6	9.3	8.1	3.4	8.6	7.7	3.5		
			19	13.1	10.4	4.5	10.7	8.6	3.7	10.1	8.2	3.5	9.4	7.8	3.6		
			23	13.8	8.5	4.6	11.3	7.1	3.8	10.6	6.8	3.6	9.9	6.4	3.7		
		30	16	12.7	11.0	4.5	10.4	9.2	3.7	9.7	8.8	3.5	9.1	8.3	3.6		
			19	13.5	11.6	4.6	11.0	9.7	3.8	10.4	9.2	3.6	9.7	8.8	3.7		
			23	15.0	11.3	4.7	12.2	9.4	3.9	11.5	9.0	3.7	10.7	8.6	3.8		

Outdoor Unit:GUHD60NM3CO Indoor Unit:GTH60K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)															
				18			21			25			30			35			
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	2300	18	9	7.8	3.9	2.4	8.3	4.5	2.6	9.6	5.5	2.8	10.1	6.0	3.1	10.4	6.6	3.7	
			12	8.1	2.6	2.5	8.6	2.9	2.7	10.0	3.6	2.9	10.4	3.9	3.3	10.8	4.3	3.9	
			15	9.7	2.6	2.8	10.4	3.0	3.0	12.1	3.7	3.2	12.6	4.1	3.6	13.0	4.4	4.2	
		21	12	9.7	6.0	2.9	10.3	6.8	3.1	12.0	8.3	3.3	12.5	9.2	3.8	12.9	9.9	4.4	
			15	9.9	4.9	3.0	10.6	5.5	3.2	12.3	6.8	3.4	12.8	7.5	3.9	13.2	8.1	4.5	
			19	11.5	3.9	3.2	12.3	4.4	3.4	14.3	5.4	3.7	14.9	5.9	4.1	15.4	6.4	4.9	
		24	16	10.3	6.1	2.9	11.0	6.9	3.2	12.8	8.5	3.4	13.4	9.4	3.9	13.8	10.2	4.5	
			19	11.8	5.9	3.2	12.5	6.7	3.5	14.6	8.3	3.7	15.2	9.1	4.2	15.7	9.9	4.9	
			23	11.5	2.8	3.3	12.3	3.2	3.6	14.3	3.9	3.8	14.9	4.3	4.4	15.4	4.7	5.1	
		27	16	10.8	7.6	3.1	11.5	8.7	3.4	13.4	10.7	3.6	14.0	11.7	4.1	14.4	12.7	4.8	
			19	12.0	7.6	3.2	12.8	8.6	3.5	14.9	10.6	3.7	15.5	11.6	4.2	16.0	12.6	5.0	
			23	12.7	5.1	3.3	13.6	5.8	3.6	15.8	7.2	3.8	16.5	7.9	4.3	17.0	8.6	5.1	
	29	19	12.2	8.1	3.3	13.1	9.2	3.5	15.2	11.3	3.8	15.8	12.5	4.3	16.3	13.5	5.0		
		30	16	11.4	8.5	3.2	12.1	9.7	3.4	14.1	11.9	3.7	14.7	13.1	4.1	15.2	14.2	4.9	
			19	12.4	8.7	3.3	13.2	9.8	3.5	15.3	12.1	3.8	16.0	13.3	4.3	16.5	14.5	5.0	
	23		13.0	7.1	3.3	13.8	8.0	3.6	16.1	9.9	3.8	16.8	10.9	4.4	17.3	11.8	5.1		
	32	16	12.0	9.2	3.2	12.8	10.5	3.5	14.8	12.9	3.7	15.5	14.2	4.2	15.9	15.4	5.0		
		19	12.7	9.7	3.3	13.6	11.0	3.6	15.8	13.6	3.8	16.5	14.9	4.3	17.0	16.2	5.1		
		23	13.1	8.8	3.3	14.0	10.0	3.6	16.2	12.3	3.8	16.9	13.5	4.4	17.5	14.7	5.1		
	Medium	2100	18	9	7.6	3.6	2.4	8.1	4.1	2.6	9.4	5.0	2.7	9.9	5.5	3.1	10.2	6.0	3.6
				12	7.9	2.3	2.5	8.4	2.6	2.7	9.8	3.3	2.9	10.2	3.6	3.2	10.5	3.9	3.8
				15	9.5	2.4	2.7	10.2	2.7	2.9	11.8	3.4	3.1	12.3	3.7	3.6	12.7	4.0	4.2
			21	12	9.5	5.4	2.9	10.1	6.2	3.1	11.8	7.6	3.3	12.3	8.3	3.7	12.6	9.1	4.4
				15	9.7	4.4	2.9	10.4	5.0	3.1	12.0	6.2	3.4	12.6	6.8	3.8	12.9	7.4	4.5
19				11.3	3.5	3.1	12.0	4.0	3.4	14.0	4.9	3.6	14.6	5.4	4.1	15.1	5.9	4.8	
24			16	10.1	5.6	2.9	10.8	6.3	3.1	12.6	7.8	3.4	13.1	8.6	3.8	13.5	9.3	4.5	
			19	11.5	5.4	3.2	12.3	6.1	3.4	14.3	7.6	3.7	14.9	8.3	4.1	15.4	9.0	4.9	
			23	11.3	2.5	3.3	12.0	2.9	3.6	14.0	3.6	3.8	14.6	3.9	4.3	15.1	4.2	5.1	
27			16	10.6	7.0	3.1	11.3	7.9	3.3	13.1	9.7	3.6	13.7	10.7	4.1	14.1	11.6	4.8	
			19	11.8	6.9	3.2	12.5	7.8	3.5	14.6	9.6	3.7	15.2	10.6	4.2	15.7	11.5	4.9	
			23	12.5	4.7	3.3	13.3	5.3	3.5	15.5	6.5	3.8	16.1	7.2	4.3	16.6	7.8	5.0	
29		19	12.0	7.4	3.2	12.8	8.4	3.5	14.9	10.3	3.7	15.5	11.4	4.2	16.0	12.3	5.0		
		30	16	11.1	7.8	3.1	11.9	8.8	3.4	13.8	10.9	3.6	14.4	11.9	4.1	14.9	13.0	4.8	
			19	12.1	7.9	3.2	12.9	9.0	3.5	15.0	11.0	3.7	15.7	12.1	4.2	16.2	13.2	5.0	
23			12.7	6.5	3.3	13.6	7.3	3.6	15.8	9.0	3.8	16.4	9.9	4.3	17.0	10.8	5.1		
32		16	11.7	8.4	3.2	12.5	9.5	3.4	14.5	11.7	3.7	15.2	12.9	4.2	15.6	14.0	4.9		
		19	12.5	8.9	3.3	13.3	10.0	3.5	15.5	12.4	3.8	16.1	13.6	4.3	16.6	14.8	5.0		
		23	13.1	8.2	3.3	14.0	9.3	3.6	16.2	11.4	3.8	16.9	12.6	4.4	17.5	13.7	5.1		
Low		1900	18	9	7.2	3.3	2.3	7.7	3.7	2.5	9.0	4.5	2.7	9.4	5.0	3.1	9.6	5.4	3.6
				12	7.5	2.1	2.5	8.0	2.4	2.6	9.3	3.0	2.8	9.7	3.3	3.2	10.0	3.5	3.8
				15	9.0	2.2	2.7	9.6	2.5	2.9	11.2	3.0	3.1	11.7	3.4	3.5	12.1	3.6	4.1
			21	12	9.0	4.9	2.8	9.6	5.6	3.0	11.2	6.9	3.3	11.6	7.6	3.7	12.0	8.2	4.4
				15	9.2	4.0	2.9	9.8	4.6	3.1	11.4	5.6	3.3	11.9	6.2	3.8	12.3	6.7	4.4
	19			10.7	3.2	3.1	11.4	3.6	3.3	13.3	4.5	3.6	13.9	4.9	4.1	14.3	5.3	4.8	
	24		16	9.6	5.1	2.9	10.3	5.7	3.1	11.9	7.1	3.3	12.4	7.8	3.8	12.8	8.4	4.4	
			19	10.9	4.9	3.1	11.7	5.6	3.4	13.6	6.9	3.6	14.1	7.6	4.1	14.6	8.2	4.8	
			23	10.7	2.3	3.3	11.4	2.6	3.5	13.3	3.2	3.8	13.9	3.6	4.3	14.3	3.9	5.0	
	27		16	10.0	6.3	3.1	10.7	7.2	3.3	12.5	8.8	3.6	13.0	9.7	4.0	13.4	10.5	4.7	
			19	11.2	6.3	3.2	11.9	7.1	3.4	13.8	8.8	3.7	14.4	9.6	4.1	14.9	10.5	4.9	
			23	11.8	4.3	3.2	12.6	4.8	3.5	14.7	5.9	3.7	15.3	6.5	4.2	15.8	7.1	5.0	
	29	19	11.4	6.7	3.2	12.1	7.6	3.5	14.1	9.4	3.7	14.7	10.3	4.2	15.2	11.2	4.9		
		30	16	10.6	7.1	3.1	11.3	8.0	3.3	13.1	9.9	3.6	13.7	10.9	4.1	14.1	11.8	4.8	
			19	11.5	7.2	3.2	12.3	8.1	3.5	14.3	10.0	3.7	14.9	11.0	4.2	15.3	12.0	4.9	
	23		12.1	5.9	3.3	12.9	6.7	3.5	15.0	8.2	3.8	15.6	9.0	4.3	16.1	9.8	5.0		
	32	16	11.1	7.6	3.2	11.9	8.7	3.4	13.8	10.7	3.7	14.4	11.7	4.1	14.8	12.7	4.9		
		19	11.8	8.1	3.2	12.6	9.1	3.5	14.7	11.2	3.7	15.3	12.4	4.2	15.8	13.4	5.0		
		23	13.1	7.8	3.3	14.0	8.9	3.6	16.2	10.9	3.8	16.9	12.1	4.4	17.5	13.1	5.1		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)													
				39			43			46			48				
		WB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	2300	18	9	10.2	6.5	4.0	8.3	5.4	3.3	7.8	5.2	3.1	7.3	4.9	3.2		
			12	10.5	4.2	4.2	8.6	3.5	3.5	8.1	3.4	3.3	7.5	3.2	3.4		
			15	12.7	4.4	4.6	10.4	3.6	3.8	9.7	3.5	3.6	9.1	3.3	3.7		
		21	12	12.6	9.8	4.8	10.3	8.2	4.0	9.7	7.8	3.8	9.0	7.4	3.9		
			15	12.9	8.0	4.9	10.6	6.7	4.1	9.9	6.4	3.9	9.2	6.1	3.9		
			19	15.1	6.4	5.3	12.3	5.3	4.4	11.5	5.1	4.1	10.8	4.8	4.2		
		24	16	13.5	10.1	4.9	11.0	8.4	4.1	10.3	8.0	3.9	9.7	7.6	3.9		
			19	15.4	9.8	5.4	12.5	8.2	4.4	11.8	7.8	4.2	11.0	7.4	4.3		
			23	15.1	4.6	5.6	12.3	3.8	4.6	11.5	3.7	4.4	10.8	3.5	4.5		
		27	16	14.1	12.6	5.3	11.5	10.5	4.3	10.8	10.0	4.1	10.1	9.5	4.2		
			19	15.7	12.5	5.4	12.8	10.4	4.5	12.0	10.0	4.2	11.2	9.5	4.3		
			23	16.6	8.5	5.5	13.6	7.1	4.6	12.7	6.8	4.3	11.9	6.4	4.4		
		29	19	16.0	13.4	5.5	13.1	11.2	4.5	12.2	10.7	4.3	11.4	10.1	4.4		
			16	14.9	14.1	5.3	12.1	11.7	4.4	11.4	11.2	4.1	10.6	10.7	4.2		
			19	16.2	14.3	5.5	13.2	11.9	4.5	12.4	11.4	4.3	11.5	10.8	4.4		
		30	23	17.0	11.7	5.6	13.8	9.8	4.6	13.0	9.3	4.4	12.1	8.9	4.5		
			16	15.6	15.2	5.4	12.8	12.7	4.5	12.0	12.1	4.2	11.2	11.5	4.3		
			19	16.6	16.0	5.5	13.6	13.4	4.6	12.7	12.8	4.3	11.9	12.1	4.4		
		32	23	17.1	14.5	5.6	14.0	12.1	4.6	13.1	11.6	4.4	12.2	11.0	4.5		
			9	10.0	5.9	4.0	8.1	4.9	3.3	7.6	4.7	3.1	7.1	4.5	3.2		
			12	10.3	3.9	4.2	8.4	3.2	3.4	7.9	3.1	3.2	7.4	2.9	3.3		
		Medium	2100	18	15	12.4	4.0	4.6	10.2	3.3	3.8	9.5	3.2	3.6	8.9	3.0	3.6
					12	12.4	9.0	4.8	10.1	7.5	4.0	9.5	7.1	3.7	8.9	6.8	3.8
					15	12.7	7.3	4.9	10.4	6.1	4.0	9.7	5.8	3.8	9.1	5.6	3.9
21	19			14.8	5.8	5.3	12.0	4.8	4.3	11.3	4.6	4.1	10.5	4.4	4.2		
	16			13.3	9.2	4.9	10.8	7.7	4.0	10.1	7.3	3.8	9.5	7.0	3.9		
	19			15.1	8.9	5.3	12.3	7.4	4.4	11.5	7.1	4.1	10.8	6.8	4.2		
24	23			14.8	4.2	5.5	12.0	3.5	4.6	11.3	3.3	4.3	10.5	3.2	4.4		
	16			13.8	11.5	5.2	11.3	9.6	4.3	10.6	9.1	4.1	9.9	8.7	4.2		
	19			15.4	11.4	5.4	12.5	9.5	4.4	11.8	9.1	4.2	11.0	8.6	4.3		
27	23			16.3	7.7	5.5	13.3	6.4	4.5	12.5	6.2	4.3	11.6	5.9	4.4		
	19			15.7	12.2	5.4	12.8	10.2	4.5	12.0	9.7	4.2	11.2	9.2	4.3		
	16			14.6	12.8	5.3	11.9	10.7	4.3	11.1	10.2	4.1	10.4	9.7	4.2		
30	19			15.8	13.0	5.4	12.9	10.9	4.5	12.1	10.4	4.2	11.3	9.9	4.3		
	23			16.6	10.7	5.5	13.6	8.9	4.6	12.7	8.5	4.3	11.9	8.1	4.4		
	16			15.3	13.9	5.4	12.5	11.6	4.4	11.7	11.0	4.2	10.9	10.5	4.3		
32	19			16.3	14.6	5.5	13.3	12.2	4.5	12.5	11.6	4.3	11.6	11.1	4.4		
	23			17.1	13.5	5.6	14.0	11.3	4.6	13.1	10.8	4.4	12.2	10.2	4.5		
	9			9.4	5.4	3.9	7.7	4.5	3.2	7.2	4.3	3.1	6.7	4.1	3.1		
Low	1900			18	12	9.8	3.5	4.1	8.0	2.9	3.4	7.5	2.8	3.2	7.0	2.7	3.3
					15	11.8	3.6	4.5	9.6	3.0	3.7	9.0	2.9	3.5	8.4	2.7	3.6
					12	11.8	8.1	4.7	9.6	6.8	3.9	9.0	6.5	3.7	8.4	6.2	3.8
				21	15	12.0	6.7	4.8	9.8	5.5	4.0	9.2	5.3	3.8	8.6	5.0	3.9
					19	14.0	5.3	5.2	11.4	4.4	4.3	10.7	4.2	4.1	10.0	4.0	4.2
					16	12.6	8.4	4.8	10.3	7.0	4.0	9.6	6.7	3.8	9.0	6.3	3.9
		24	19	14.3	8.1	5.3	11.7	6.8	4.3	10.9	6.5	4.1	10.2	6.1	4.2		
			23	14.0	3.8	5.5	11.4	3.2	4.5	10.7	3.0	4.3	10.0	2.9	4.4		
			16	13.1	10.4	5.2	10.7	8.7	4.3	10.0	8.3	4.0	9.4	7.9	4.1		
		27	19	14.6	10.4	5.3	11.9	8.6	4.4	11.2	8.2	4.1	10.4	7.8	4.2		
			23	15.5	7.0	5.4	12.6	5.8	4.5	11.8	5.6	4.2	11.0	5.3	4.3		
			19	14.9	11.1	5.4	12.1	9.2	4.4	11.4	8.8	4.2	10.6	8.4	4.3		
		29	16	13.8	11.7	5.2	11.3	9.7	4.3	10.6	9.3	4.1	9.9	8.8	4.2		
			19	15.0	11.8	5.4	12.3	9.9	4.4	11.5	9.4	4.2	10.7	9.0	4.3		
			23	15.8	9.7	5.5	12.9	8.1	4.5	12.1	7.7	4.3	11.3	7.3	4.4		
		30	16	14.5	12.6	5.3	11.9	10.5	4.4	11.1	10.0	4.1	10.4	9.5	4.2		
			19	15.5	13.3	5.4	12.6	11.1	4.5	11.8	10.6	4.2	11.0	10.1	4.3		
			23	17.1	12.9	5.6	14.0	10.8	4.6	13.1	10.3	4.4	12.2	9.8	4.5		

4.3.4 GUHD*N*3C10 with GFH*K3CI

Outdoor Unit:GUHD09NK3C10 Indoor Unit:GFH09K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)														
			-15			-10			-7			-5			0		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
640	18	9	1.1	0.4	0.3	1.1	0.5	0.3	1.1	0.5	0.3	1.1	0.5	0.3	1.1	0.5	0.4
		12	1.1	0.3	0.3	1.1	0.3	0.4	1.1	0.3	0.4	1.2	0.3	0.4	1.2	0.3	0.4
		15	1.3	0.3	0.4	1.4	0.3	0.4	1.4	0.3	0.4	1.4	0.3	0.4	1.4	0.3	0.4
	21	12	1.3	0.7	0.4	1.4	0.7	0.4	1.4	0.7	0.4	1.4	0.7	0.4	1.4	0.8	0.4
		15	1.4	0.6	0.4	1.4	0.6	0.4	1.4	0.6	0.4	1.4	0.6	0.4	1.5	0.6	0.4
		19	1.6	0.4	0.4	1.6	0.5	0.4	1.6	0.5	0.5	1.7	0.5	0.5	1.7	0.5	0.5
	24	16	1.4	0.7	0.4	1.5	0.7	0.4	1.5	0.7	0.4	1.5	0.8	0.4	1.5	0.8	0.4
		19	1.6	0.7	0.4	1.6	0.7	0.5	1.7	0.7	0.5	1.7	0.7	0.5	1.7	0.8	0.5
		23	1.6	0.3	0.5	1.6	0.3	0.5	1.6	0.3	0.5	1.7	0.3	0.5	1.7	0.4	0.5
	27	16	1.5	0.9	0.4	1.5	0.9	0.4	1.5	0.9	0.4	1.6	0.9	0.5	1.6	1.0	0.5
		19	1.7	0.9	0.4	1.7	0.9	0.5	1.7	0.9	0.5	1.7	0.9	0.5	1.8	1.0	0.5
		23	1.8	0.6	0.5	1.8	0.6	0.5	1.8	0.6	0.5	1.8	0.6	0.5	1.9	0.7	0.5
	29	19	1.7	0.9	0.5	1.7	0.9	0.5	1.7	1.0	0.5	1.8	1.0	0.5	1.8	1.0	0.5
		16	1.6	1.0	0.4	1.6	1.0	0.4	1.6	1.0	0.5	1.6	1.1	0.5	1.7	1.1	0.5
		19	1.7	1.0	0.5	1.7	1.0	0.5	1.8	1.0	0.5	1.8	1.1	0.5	1.8	1.1	0.5
30	23	1.8	0.8	0.5	1.8	0.8	0.5	1.8	0.9	0.5	1.9	0.9	0.5	1.9	0.9	0.5	
	16	1.7	1.0	0.4	1.7	1.1	0.5	1.7	1.1	0.5	1.7	1.1	0.5	1.8	1.2	0.5	
	19	1.8	1.1	0.5	1.8	1.1	0.5	1.8	1.2	0.5	1.8	1.2	0.5	1.9	1.2	0.5	
32	23	1.9	1.1	0.5	2.0	1.1	0.5	2.0	1.1	0.5	2.0	1.2	0.5	2.1	1.2	0.5	
	18	1.2	0.3	0.3	1.2	0.3	0.4	1.2	0.3	0.4	1.2	0.3	0.4	1.2	0.4	0.4	
	15	1.4	0.3	0.4	1.4	0.3	0.4	1.5	0.3	0.4	1.5	0.4	0.4	1.5	0.4	0.4	
720	18	12	1.4	0.7	0.4	1.4	0.8	0.4	1.5	0.8	0.4	1.5	0.8	0.4	1.5	0.8	0.4
		15	1.4	0.6	0.4	1.5	0.6	0.4	1.5	0.6	0.4	1.5	0.7	0.4	1.5	0.7	0.4
		19	1.7	0.5	0.4	1.7	0.5	0.5	1.7	0.5	0.5	1.8	0.5	0.5	1.8	0.5	0.5
	21	16	1.5	0.8	0.4	1.5	0.8	0.4	1.6	0.8	0.4	1.6	0.8	0.4	1.6	0.9	0.4
		19	1.7	0.7	0.4	1.7	0.8	0.5	1.8	0.8	0.5	1.8	0.8	0.5	1.8	0.8	0.5
		23	1.7	0.3	0.5	1.7	0.4	0.5	1.7	0.4	0.5	1.8	0.4	0.5	1.8	0.4	0.5
	24	16	1.6	1.0	0.4	1.6	1.0	0.4	1.6	1.0	0.5	1.6	1.0	0.5	1.7	1.1	0.5
		19	1.7	0.9	0.5	1.8	1.0	0.5	1.8	1.0	0.5	1.8	1.0	0.5	1.9	1.1	0.5
		23	1.9	0.6	0.5	1.9	0.7	0.5	1.9	0.7	0.5	1.9	0.7	0.5	2.0	0.7	0.5
	27	19	1.8	1.0	0.5	1.8	1.0	0.5	1.8	1.1	0.5	1.9	1.1	0.5	1.9	1.1	0.5
		16	1.7	1.1	0.4	1.7	1.1	0.5	1.7	1.1	0.5	1.7	1.2	0.5	1.8	1.2	0.5
		19	1.8	1.1	0.5	1.8	1.1	0.5	1.9	1.1	0.5	1.9	1.2	0.5	1.9	1.2	0.5
	30	23	1.9	0.9	0.5	1.9	0.9	0.5	1.9	0.9	0.5	2.0	1.0	0.5	2.0	1.0	0.5
		16	1.7	1.2	0.5	1.8	1.2	0.5	1.8	1.2	0.5	1.8	1.3	0.5	1.8	1.3	0.5
		19	1.9	1.2	0.5	1.9	1.3	0.5	1.9	1.3	0.5	1.9	1.3	0.5	2.0	1.4	0.5
32	23	1.9	1.1	0.5	2.0	1.2	0.5	2.0	1.2	0.5	2.0	1.2	0.5	2.1	1.3	0.5	
	18	1.2	0.5	0.3	1.2	0.6	0.3	1.2	0.6	0.3	1.2	0.6	0.4	1.2	0.6	0.4	
	15	1.4	0.4	0.4	1.5	0.4	0.4	1.5	0.4	0.4	1.5	0.4	0.4	1.5	0.4	0.4	
800	18	12	1.4	0.8	0.4	1.5	0.8	0.4	1.5	0.9	0.4	1.5	0.9	0.4	1.5	0.9	0.4
		15	1.5	0.7	0.4	1.5	0.7	0.4	1.5	0.7	0.4	1.5	0.7	0.4	1.6	0.7	0.4
		19	1.7	0.5	0.4	1.7	0.5	0.5	1.8	0.6	0.5	1.8	0.6	0.5	1.8	0.6	0.5
	21	16	1.5	0.8	0.4	1.6	0.9	0.4	1.6	0.9	0.4	1.6	0.9	0.4	1.6	0.9	0.4
		19	1.7	0.8	0.5	1.8	0.8	0.5	1.8	0.9	0.5	1.8	0.9	0.5	1.9	0.9	0.5
		23	1.7	0.4	0.5	1.7	0.4	0.5	1.8	0.4	0.5	1.8	0.4	0.5	1.8	0.4	0.5
	24	16	1.6	1.0	0.4	1.6	1.1	0.5	1.7	1.1	0.5	1.7	1.1	0.5	1.7	1.2	0.5
		19	1.8	1.0	0.5	1.8	1.1	0.5	1.8	1.1	0.5	1.9	1.1	0.5	1.9	1.2	0.5
		23	1.9	0.7	0.5	1.9	0.7	0.5	1.9	0.7	0.5	2.0	0.8	0.5	2.0	0.8	0.5
	27	19	1.8	1.1	0.5	1.8	1.1	0.5	1.9	1.2	0.5	1.9	1.2	0.5	1.9	1.2	0.5
		16	1.7	1.2	0.4	1.7	1.2	0.5	1.7	1.2	0.5	1.8	1.3	0.5	1.8	1.3	0.5
		19	1.8	1.2	0.5	1.9	1.2	0.5	1.9	1.3	0.5	1.9	1.3	0.5	1.9	1.3	0.5
	30	23	1.9	1.0	0.5	2.0	1.0	0.5	2.0	1.0	0.5	2.0	1.1	0.5	2.0	1.1	0.5
		16	1.8	1.3	0.5	1.8	1.3	0.5	1.8	1.3	0.5	1.9	1.4	0.5	1.9	1.4	0.5
		19	1.9	1.3	0.5	1.9	1.4	0.5	1.9	1.4	0.5	2.0	1.5	0.5	2.0	1.5	0.5
32	23	1.9	1.2	0.5	2.0	1.2	0.5	2.0	1.3	0.5	2.0	1.3	0.5	2.1	1.4	0.5	

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AFR	Indoor temperature		Outdoor temperature DB (°C)															
			-15			-10			-7			-5			0			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
880	18	9	1.2	0.4	0.3	1.2	0.4	0.3	1.2	0.4	0.4	1.2	0.4	0.4	1.2	0.4	0.4	
		12	1.2	0.3	0.4	1.2	0.3	0.4	1.3	0.3	0.4	1.3	0.3	0.4	1.3	0.3	0.4	
		15	1.5	0.3	0.4	1.5	0.3	0.4	1.5	0.3	0.4	1.5	0.3	0.4	1.6	0.3	0.4	
	21	12	1.5	0.6	0.4	1.5	0.6	0.4	1.5	0.6	0.4	1.5	0.7	0.4	1.6	0.7	0.4	
		15	1.5	0.5	0.4	1.5	0.5	0.4	1.5	0.5	0.4	1.6	0.5	0.4	1.6	0.5	0.5	
		19	1.7	0.4	0.5	1.8	0.4	0.5	1.8	0.4	0.5	1.8	0.4	0.5	1.9	0.4	0.5	
	24	16	1.6	0.6	0.4	1.6	0.6	0.4	1.6	0.7	0.4	1.6	0.7	0.4	1.7	0.7	0.5	
		19	1.8	0.6	0.5	1.8	0.6	0.5	1.8	0.6	0.5	1.9	0.7	0.5	1.9	0.7	0.5	
		23	1.7	0.3	0.5	1.8	0.3	0.5	1.8	0.3	0.5	1.8	0.3	0.5	1.9	0.3	0.5	
	27	16	1.6	0.8	0.4	1.7	0.8	0.5	1.7	0.8	0.5	1.7	0.8	0.5	1.7	0.9	0.5	
		19	1.8	0.8	0.5	1.8	0.8	0.5	1.9	0.8	0.5	1.9	0.8	0.5	1.9	0.9	0.5	
		23	1.9	0.5	0.5	2.0	0.5	0.5	2.0	0.5	0.5	2.0	0.6	0.5	2.0	0.6	0.5	
	29	19	1.9	0.8	0.5	1.9	0.8	0.5	1.9	0.9	0.5	1.9	0.9	0.5	2.0	0.9	0.5	
		30	16	1.7	0.9	0.5	1.7	0.9	0.5	1.8	0.9	0.5	1.8	0.9	0.5	1.8	1.0	0.5
			19	1.9	0.9	0.5	1.9	0.9	0.5	1.9	0.9	0.5	2.0	1.0	0.5	2.0	1.0	0.5
	23		2.0	0.7	0.5	2.0	0.7	0.5	2.0	0.8	0.5	2.1	0.8	0.5	2.1	0.8	0.5	
	32	16	1.8	0.9	0.5	1.8	1.0	0.5	1.9	1.0	0.5	1.9	1.0	0.5	1.9	1.0	0.5	
		19	1.9	1.0	0.5	2.0	1.0	0.5	2.0	1.0	0.5	2.0	1.1	0.5	2.0	1.1	0.5	
23		1.9	0.9	0.5	2.0	0.9	0.5	2.0	0.9	0.5	2.0	0.9	0.5	2.1	1.0	0.5		
960	18	9	1.2	0.3	0.3	1.2	0.3	0.4	1.2	0.3	0.4	1.2	0.3	0.4	1.3	0.3	0.4	
		12	1.2	0.2	0.4	1.3	0.2	0.4	1.3	0.2	0.4	1.3	0.2	0.4	1.3	0.2	0.4	
		15	1.5	0.2	0.4	1.5	0.2	0.4	1.5	0.2	0.4	1.6	0.2	0.4	1.6	0.2	0.4	
	21	12	1.5	0.4	0.4	1.5	0.4	0.4	1.5	0.5	0.4	1.5	0.5	0.4	1.6	0.5	0.4	
		15	1.5	0.4	0.4	1.5	0.4	0.4	1.6	0.4	0.4	1.6	0.4	0.4	1.6	0.4	0.5	
		19	1.8	0.3	0.5	1.8	0.3	0.5	1.8	0.3	0.5	1.8	0.3	0.5	1.9	0.3	0.5	
	24	16	1.6	0.4	0.4	1.6	0.5	0.4	1.6	0.5	0.4	1.7	0.5	0.4	1.7	0.5	0.5	
		19	1.8	0.4	0.5	1.8	0.4	0.5	1.9	0.5	0.5	1.9	0.5	0.5	1.9	0.5	0.5	
		23	1.8	0.2	0.5	1.8	0.2	0.5	1.8	0.2	0.5	1.8	0.2	0.5	1.9	0.2	0.5	
	27	16	1.7	0.6	0.5	1.7	0.6	0.5	1.7	0.6	0.5	1.7	0.6	0.5	1.8	0.6	0.5	
		19	1.8	0.6	0.5	1.9	0.6	0.5	1.9	0.6	0.5	1.9	0.6	0.5	1.9	0.6	0.5	
		23	1.9	0.4	0.5	2.0	0.4	0.5	2.0	0.4	0.5	2.0	0.4	0.5	2.1	0.4	0.5	
	29	19	1.9	0.6	0.5	1.9	0.6	0.5	1.9	0.6	0.5	2.0	0.6	0.5	2.0	0.7	0.5	
		30	16	1.7	0.6	0.5	1.8	0.6	0.5	1.8	0.7	0.5	1.8	0.7	0.5	1.8	0.7	0.5
			19	1.9	0.6	0.5	1.9	0.7	0.5	1.9	0.7	0.5	2.0	0.7	0.5	2.0	0.7	0.5
	23		2.0	0.5	0.5	2.0	0.5	0.5	2.0	0.6	0.5	2.1	0.6	0.5	2.1	0.6	0.5	
	32	16	1.8	0.7	0.5	1.9	0.7	0.5	1.9	0.7	0.5	1.9	0.7	0.5	1.9	0.8	0.5	
		19	1.9	0.7	0.5	2.0	0.7	0.5	2.0	0.8	0.5	2.0	0.8	0.5	2.1	0.8	0.5	
23		1.9	0.6	0.5	2.0	0.6	0.5	2.0	0.7	0.5	2.0	0.7	0.5	2.1	0.7	0.5		

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			5			10			15			18			21			25		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
640	18	9	1.2	0.5	0.4	1.2	0.5	0.4	1.2	0.5	0.4	1.2	0.6	0.4	1.3	0.6	0.4	1.5	0.8	0.5
		12	1.2	0.3	0.4	1.2	0.3	0.4	1.2	0.4	0.4	1.3	0.4	0.4	1.4	0.4	0.4	1.6	0.5	0.5
		15	1.4	0.3	0.4	1.5	0.4	0.4	1.5	0.4	0.4	1.5	0.4	0.4	1.6	0.4	0.5	1.9	0.5	0.5
	21	12	1.4	0.8	0.4	1.5	0.8	0.4	1.5	0.8	0.4	1.5	0.9	0.5	1.6	1.0	0.5	1.9	1.2	0.5
		15	1.5	0.6	0.4	1.5	0.7	0.5	1.5	0.7	0.5	1.6	0.7	0.5	1.7	0.8	0.5	1.9	1.0	0.6
		19	1.7	0.5	0.5	1.7	0.5	0.5	1.8	0.5	0.5	1.8	0.6	0.5	1.9	0.6	0.6	2.2	0.8	0.6
	24	16	1.5	0.8	0.4	1.6	0.8	0.5	1.6	0.8	0.5	1.6	0.9	0.5	1.7	1.0	0.5	2.0	1.2	0.6
		19	1.7	0.8	0.5	1.8	0.8	0.5	1.8	0.8	0.5	1.8	0.9	0.5	2.0	1.0	0.6	2.3	1.2	0.6
		23	1.7	0.4	0.5	1.7	0.4	0.5	1.8	0.4	0.5	1.8	0.4	0.5	1.9	0.5	0.6	2.2	0.6	0.6
	27	16	1.6	1.0	0.5	1.6	1.0	0.5	1.6	1.1	0.5	1.7	1.1	0.5	1.8	1.2	0.6	2.1	1.5	0.6
		19	1.8	1.0	0.5	1.8	1.0	0.5	1.8	1.0	0.5	1.9	1.1	0.5	2.0	1.2	0.6	2.3	1.5	0.6
		23	1.9	0.7	0.5	1.9	0.7	0.5	1.9	0.7	0.5	2.0	0.7	0.5	2.1	0.8	0.6	2.5	1.0	0.6
29	19	1.8	1.1	0.5	1.8	1.1	0.5	1.9	1.1	0.5	1.9	1.2	0.5	2.0	1.3	0.6	2.4	1.6	0.6	
	16	1.7	1.1	0.5	1.7	1.1	0.5	1.7	1.2	0.5	1.8	1.2	0.5	1.9	1.4	0.6	2.2	1.7	0.6	
	19	1.8	1.1	0.5	1.9	1.2	0.5	1.9	1.2	0.5	1.9	1.2	0.5	2.1	1.4	0.6	2.4	1.7	0.6	
30	23	1.9	0.9	0.5	2.0	1.0	0.5	2.0	1.0	0.5	2.0	1.0	0.5	2.2	1.2	0.6	2.5	1.4	0.6	
	16	1.8	1.2	0.5	1.8	1.2	0.5	1.8	1.3	0.5	1.9	1.3	0.5	2.0	1.5	0.6	2.3	1.8	0.6	
	19	1.9	1.3	0.5	1.9	1.3	0.5	1.9	1.3	0.5	2.0	1.4	0.5	2.1	1.6	0.6	2.5	1.9	0.6	
32	23	2.1	1.2	0.5	2.1	1.3	0.5	2.2	1.3	0.5	2.2	1.4	0.6	2.4	1.5	0.6	2.7	1.9	0.6	
	16	1.8	1.2	0.5	1.8	1.2	0.5	1.8	1.3	0.5	1.9	1.3	0.5	2.0	1.5	0.6	2.3	1.8	0.6	
	19	1.9	1.3	0.5	1.9	1.3	0.5	1.9	1.3	0.5	2.0	1.4	0.5	2.1	1.6	0.6	2.5	1.9	0.6	
720	18	9	1.2	0.6	0.4	1.2	0.6	0.4	1.3	0.6	0.4	1.3	0.6	0.4	1.4	0.7	0.4	1.6	0.9	0.5
		12	1.3	0.4	0.4	1.3	0.4	0.4	1.3	0.4	0.4	1.3	0.4	0.4	1.4	0.5	0.4	1.7	0.6	0.5
		15	1.5	0.4	0.4	1.5	0.4	0.4	1.6	0.4	0.4	1.6	0.4	0.5	1.7	0.5	0.5	2.0	0.6	0.5
	21	12	1.5	0.9	0.4	1.5	0.9	0.4	1.6	0.9	0.5	1.6	0.9	0.5	1.7	1.1	0.5	2.0	1.3	0.5
		15	1.6	0.7	0.4	1.6	0.7	0.5	1.6	0.7	0.5	1.6	0.8	0.5	1.7	0.9	0.5	2.0	1.1	0.6
		19	1.8	0.6	0.5	1.8	0.6	0.5	1.9	0.6	0.5	1.9	0.6	0.5	2.0	0.7	0.6	2.4	0.8	0.6
	24	16	1.6	0.9	0.4	1.6	0.9	0.5	1.7	0.9	0.5	1.7	1.0	0.5	1.8	1.1	0.5	2.1	1.3	0.6
		19	1.8	0.9	0.5	1.9	0.9	0.5	1.9	0.9	0.5	1.9	0.9	0.5	2.1	1.1	0.6	2.4	1.3	0.6
		23	1.8	0.4	0.5	1.8	0.4	0.5	1.9	0.4	0.5	1.9	0.4	0.5	2.0	0.5	0.6	2.4	0.6	0.6
	27	16	1.7	1.1	0.5	1.7	1.1	0.5	1.7	1.2	0.5	1.8	1.2	0.5	1.9	1.4	0.6	2.2	1.7	0.6
		19	1.9	1.1	0.5	1.9	1.1	0.5	1.9	1.1	0.5	2.0	1.2	0.5	2.1	1.4	0.6	2.5	1.7	0.6
		23	2.0	0.7	0.5	2.0	0.8	0.5	2.0	0.8	0.5	2.1	0.8	0.5	2.2	0.9	0.6	2.6	1.1	0.6
29	19	1.9	1.2	0.5	1.9	1.2	0.5	2.0	1.2	0.5	2.0	1.3	0.5	2.2	1.5	0.6	2.5	1.8	0.6	
	16	1.8	1.2	0.5	1.8	1.3	0.5	1.8	1.3	0.5	1.9	1.3	0.5	2.0	1.5	0.6	2.3	1.9	0.6	
	19	1.9	1.2	0.5	2.0	1.3	0.5	2.0	1.3	0.5	2.0	1.4	0.5	2.2	1.5	0.6	2.5	1.9	0.6	
30	23	2.0	1.0	0.5	2.1	1.0	0.5	2.1	1.1	0.5	2.1	1.1	0.6	2.3	1.3	0.6	2.7	1.6	0.6	
	16	1.9	1.3	0.5	1.9	1.4	0.5	1.9	1.4	0.5	2.0	1.5	0.5	2.1	1.7	0.6	2.5	2.0	0.6	
	19	2.0	1.4	0.5	2.0	1.4	0.5	2.0	1.5	0.5	2.1	1.5	0.5	2.2	1.7	0.6	2.6	2.1	0.6	
32	23	2.1	1.3	0.5	2.1	1.3	0.5	2.2	1.4	0.5	2.2	1.4	0.6	2.4	1.6	0.6	2.7	2.0	0.6	
	16	1.8	1.2	0.5	1.8	1.2	0.5	1.8	1.3	0.5	1.9	1.3	0.5	2.0	1.5	0.6	2.3	1.8	0.6	
	19	1.9	1.3	0.5	1.9	1.3	0.5	1.9	1.3	0.5	2.0	1.4	0.5	2.1	1.6	0.6	2.5	1.9	0.6	
800	18	9	1.2	0.6	0.4	1.3	0.6	0.4	1.3	0.7	0.4	1.3	0.7	0.4	1.4	0.8	0.4	1.6	0.9	0.5
		12	1.3	0.4	0.4	1.3	0.4	0.4	1.3	0.4	0.4	1.4	0.4	0.4	1.5	0.5	0.4	1.7	0.6	0.5
		15	1.6	0.4	0.4	1.6	0.4	0.4	1.6	0.4	0.4	1.6	0.5	0.5	1.7	0.5	0.5	2.0	0.6	0.5
	21	12	1.5	0.9	0.4	1.6	1.0	0.5	1.6	1.0	0.5	1.6	1.0	0.5	1.7	1.2	0.5	2.0	1.4	0.6
		15	1.6	0.8	0.5	1.6	0.8	0.5	1.6	0.8	0.5	1.7	0.8	0.5	1.8	1.0	0.5	2.1	1.2	0.6
		19	1.8	0.6	0.5	1.9	0.6	0.5	1.9	0.6	0.5	1.9	0.7	0.5	2.1	0.8	0.6	2.4	0.9	0.6
	24	16	1.7	1.0	0.5	1.7	1.0	0.5	1.7	1.0	0.5	1.7	1.1	0.5	1.9	1.2	0.5	2.2	1.5	0.6
		19	1.9	0.9	0.5	1.9	1.0	0.5	1.9	1.0	0.5	2.0	1.0	0.5	2.1	1.2	0.6	2.5	1.4	0.6
		23	1.8	0.4	0.5	1.9	0.5	0.5	1.9	0.5	0.5	1.9	0.5	0.6	2.1	0.5	0.6	2.4	0.7	0.6
	27	16	1.7	1.2	0.5	1.7	1.2	0.5	1.8	1.3	0.5	1.8	1.3	0.5	1.9	1.5	0.6	2.3	1.8	0.6
		19	1.9	1.2	0.5	1.9	1.2	0.5	2.0	1.3	0.5	2.0	1.3	0.5	2.2	1.5	0.6	2.5	1.8	0.6
		23	2.0	0.8	0.5	2.1	0.8	0.5	2.1	0.9	0.5	2.1	0.9	0.6	2.3	1.0	0.6	2.7	1.2	0.6
29	19	2.0	1.3	0.5	2.0	1.3	0.5	2.0	1.4	0.5	2.1	1.4	0.5	2.2	1.6	0.6	2.6	2.0	0.6	
	16	1.8	1.3	0.5	1.8	1.4	0.5	1.9	1.4	0.5	1.9	1.5	0.5	2.0	1.7	0.6	2.4	2.1	0.6	
	19	2.0	1.4	0.5	2.0	1.4	0.5	2.0	1.4	0.5	2.1	1.5	0.5	2.2	1.7	0.6	2.6	2.1	0.6	
30	23	2.1	1.1	0.5	2.1	1.2	0.5	2.1	1.2	0.5	2.2	1.2	0.6	2.3	1.4	0.6	2.7	1.7	0.6	
	16	1.9	1.5	0.5	1.9	1.5	0.5	2.0	1.5	0.5	2.0	1.6	0.5	2.2	1.8	0.6	2.5	2.2	0.6	
	19	2.0	1.5	0.5	2.1	1.6	0.5	2.1	1.6	0.5	2.1	1.7	0.6	2.3	1.9	0.6	2.7	2.3	0.6	
32	23	2.1	1.4	0.5	2.1	1.4	0.5	2.2	1.5	0.5	2.2	1.5	0.6	2.4	1.7	0.6	2.7	2.1	0.6	

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AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			5			10			15			18			21			25		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
880	18	9	1.3	0.5	0.4	1.3	0.5	0.4	1.3	0.5	0.4	1.3	0.5	0.4	1.4	0.6	0.4	1.7	0.7	0.5
		12	1.3	0.3	0.4	1.3	0.3	0.4	1.4	0.3	0.4	1.4	0.3	0.4	1.5	0.4	0.5	1.7	0.5	0.5
		15	1.6	0.3	0.4	1.6	0.3	0.4	1.6	0.3	0.4	1.7	0.3	0.5	1.8	0.4	0.5	2.1	0.5	0.5
	21	12	1.6	0.7	0.4	1.6	0.7	0.5	1.6	0.7	0.5	1.7	0.8	0.5	1.8	0.9	0.5	2.1	1.1	0.6
		15	1.6	0.6	0.5	1.6	0.6	0.5	1.7	0.6	0.5	1.7	0.6	0.5	1.8	0.7	0.5	2.1	0.9	0.6
		19	1.9	0.4	0.5	1.9	0.5	0.5	1.9	0.5	0.5	2.0	0.5	0.5	2.1	0.6	0.6	2.5	0.7	0.6
	24	16	1.7	0.7	0.5	1.7	0.7	0.5	1.7	0.7	0.5	1.8	0.8	0.5	1.9	0.9	0.5	2.2	1.1	0.6
		19	1.9	0.7	0.5	1.9	0.7	0.5	2.0	0.7	0.5	2.0	0.8	0.5	2.2	0.9	0.6	2.5	1.1	0.6
		23	1.9	0.3	0.5	1.9	0.3	0.5	1.9	0.3	0.5	2.0	0.4	0.6	2.1	0.4	0.6	2.5	0.5	0.6
	27	16	1.8	0.9	0.5	1.8	0.9	0.5	1.8	0.9	0.5	1.9	1.0	0.5	2.0	1.1	0.6	2.3	1.4	0.6
		19	2.0	0.9	0.5	2.0	0.9	0.5	2.0	0.9	0.5	2.1	1.0	0.5	2.2	1.1	0.6	2.6	1.3	0.6
		23	2.1	0.6	0.5	2.1	0.6	0.5	2.1	0.6	0.5	2.2	0.7	0.6	2.3	0.7	0.6	2.7	0.9	0.6
	29	19	2.0	0.9	0.5	2.0	1.0	0.5	2.1	1.0	0.5	2.1	1.0	0.6	2.2	1.2	0.6	2.6	1.4	0.6
		16	1.9	1.0	0.5	1.9	1.0	0.5	1.9	1.0	0.5	2.0	1.1	0.5	2.1	1.2	0.6	2.4	1.5	0.6
		19	2.0	1.0	0.5	2.0	1.0	0.5	2.1	1.1	0.5	2.1	1.1	0.6	2.3	1.2	0.6	2.6	1.5	0.6
	30	23	2.1	0.8	0.5	2.1	0.8	0.5	2.2	0.9	0.5	2.2	0.9	0.6	2.4	1.0	0.6	2.8	1.3	0.6
		16	1.9	1.1	0.5	2.0	1.1	0.5	2.0	1.1	0.5	2.1	1.2	0.5	2.2	1.3	0.6	2.6	1.6	0.6
		19	2.1	1.1	0.5	2.1	1.2	0.5	2.1	1.2	0.5	2.2	1.2	0.6	2.3	1.4	0.6	2.7	1.7	0.6
	32	23	2.1	1.0	0.5	2.1	1.0	0.5	2.2	1.1	0.5	2.2	1.1	0.6	2.4	1.2	0.6	2.7	1.5	0.6
		9	1.3	0.3	0.4	1.3	0.3	0.4	1.3	0.3	0.4	1.4	0.4	0.4	1.4	0.4	0.4	1.7	0.5	0.5
		12	1.3	0.2	0.4	1.3	0.2	0.4	1.4	0.2	0.4	1.4	0.2	0.4	1.5	0.3	0.5	1.7	0.3	0.5
960	18	15	1.6	0.2	0.4	1.6	0.2	0.4	1.6	0.2	0.4	1.7	0.2	0.5	1.8	0.3	0.5	2.1	0.3	0.5
		12	1.6	0.5	0.5	1.6	0.5	0.5	1.6	0.5	0.5	1.7	0.6	0.5	1.8	0.6	0.5	2.1	0.8	0.6
		15	1.6	0.4	0.5	1.7	0.4	0.5	1.7	0.4	0.5	1.7	0.5	0.5	1.8	0.5	0.5	2.1	0.6	0.6
	21	19	1.9	0.3	0.5	1.9	0.3	0.5	1.9	0.3	0.5	2.0	0.4	0.5	2.1	0.4	0.6	2.5	0.5	0.6
		16	1.7	0.5	0.5	1.7	0.5	0.5	1.8	0.5	0.5	1.8	0.6	0.5	1.9	0.6	0.5	2.2	0.8	0.6
		19	1.9	0.5	0.5	2.0	0.5	0.5	2.0	0.5	0.5	2.0	0.5	0.5	2.2	0.6	0.6	2.5	0.8	0.6
	24	23	1.9	0.2	0.5	1.9	0.2	0.5	1.9	0.2	0.5	2.0	0.3	0.6	2.1	0.3	0.6	2.5	0.4	0.7
		16	1.8	0.6	0.5	1.8	0.7	0.5	1.8	0.7	0.5	1.9	0.7	0.5	2.0	0.8	0.6	2.3	1.0	0.6
		19	2.0	0.6	0.5	2.0	0.7	0.5	2.0	0.7	0.5	2.1	0.7	0.6	2.2	0.8	0.6	2.6	1.0	0.6
	27	23	2.1	0.4	0.5	2.1	0.4	0.5	2.2	0.5	0.5	2.2	0.5	0.6	2.4	0.5	0.6	2.7	0.7	0.6
		19	2.0	0.7	0.5	2.0	0.7	0.5	2.1	0.7	0.5	2.1	0.8	0.6	2.3	0.9	0.6	2.6	1.0	0.6
		16	1.9	0.7	0.5	1.9	0.7	0.5	1.9	0.8	0.5	2.0	0.8	0.5	2.1	0.9	0.6	2.5	1.1	0.6
	29	19	2.0	0.7	0.5	2.1	0.7	0.5	2.1	0.8	0.5	2.1	0.8	0.6	2.3	0.9	0.6	2.7	1.1	0.6
		16	1.9	0.7	0.5	1.9	0.7	0.5	1.9	0.8	0.5	2.0	0.8	0.5	2.1	0.9	0.6	2.5	1.1	0.6
		23	2.1	0.6	0.5	2.2	0.6	0.5	2.2	0.6	0.5	2.3	0.7	0.6	2.4	0.7	0.6	2.8	0.9	0.7
	30	16	2.0	0.8	0.5	2.0	0.8	0.5	2.0	0.8	0.5	2.1	0.9	0.6	2.2	1.0	0.6	2.6	1.2	0.6
		19	2.1	0.8	0.5	2.1	0.8	0.5	2.2	0.9	0.5	2.2	0.9	0.6	2.4	1.0	0.6	2.7	1.3	0.6
		23	2.1	0.7	0.5	2.1	0.7	0.5	2.2	0.8	0.5	2.2	0.8	0.6	2.4	0.9	0.6	2.7	1.1	0.6

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			30			35			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
640	18	9	1.6	0.9	0.5	1.6	0.9	0.6	1.6	0.9	0.7	1.3	0.8	0.5	1.2	0.7	0.5	1.1	0.7	0.5
		12	1.6	0.6	0.5	1.7	0.6	0.6	1.7	0.6	0.7	1.4	0.5	0.6	1.3	0.5	0.5	1.2	0.5	0.5
		15	2.0	0.6	0.6	2.0	0.6	0.7	2.0	0.6	0.8	1.6	0.5	0.6	1.5	0.5	0.6	1.4	0.5	0.6
	21	12	2.0	1.3	0.6	2.0	1.4	0.7	2.0	1.4	0.8	1.6	1.2	0.7	1.5	1.1	0.6	1.4	1.1	0.6
		15	2.0	1.1	0.6	2.1	1.2	0.7	2.0	1.2	0.8	1.7	1.0	0.7	1.6	0.9	0.6	1.5	0.9	0.6
		19	2.3	0.8	0.7	2.4	0.9	0.8	2.4	0.9	0.9	1.9	0.8	0.7	1.8	0.7	0.7	1.7	0.7	0.7
	24	16	2.1	1.3	0.6	2.2	1.5	0.7	2.1	1.4	0.8	1.7	1.2	0.7	1.6	1.2	0.6	1.5	1.1	0.6
		19	2.4	1.3	0.7	2.5	1.4	0.8	2.4	1.4	0.9	2.0	1.2	0.7	1.8	1.1	0.7	1.7	1.1	0.7
		23	2.3	0.6	0.7	2.4	0.7	0.8	2.4	0.7	0.9	1.9	0.6	0.8	1.8	0.5	0.7	1.7	0.5	0.7
	27	16	2.2	1.7	0.7	2.3	1.8	0.8	2.2	1.8	0.9	1.8	1.5	0.7	1.7	1.4	0.7	1.6	1.4	0.7
		19	2.4	1.7	0.7	2.5	1.8	0.8	2.5	1.8	0.9	2.0	1.5	0.7	1.9	1.4	0.7	1.8	1.4	0.7
		23	2.6	1.1	0.7	2.7	1.2	0.8	2.6	1.2	0.9	2.1	1.0	0.7	2.0	1.0	0.7	1.9	0.9	0.7
	29	19	2.5	1.8	0.7	2.6	1.9	0.8	2.5	1.9	0.9	2.0	1.6	0.7	1.9	1.5	0.7	1.8	1.5	0.7
		16	2.3	1.9	0.7	2.4	2.0	0.8	2.3	2.0	0.9	1.9	1.7	0.7	1.8	1.6	0.7	1.7	1.5	0.7
		19	2.5	1.9	0.7	2.6	2.1	0.8	2.5	2.0	0.9	2.1	1.7	0.7	1.9	1.6	0.7	1.8	1.6	0.7
	30	23	2.6	1.6	0.7	2.7	1.7	0.8	2.7	1.7	0.9	2.2	1.4	0.8	2.0	1.3	0.7	1.9	1.3	0.7
		16	2.4	2.0	0.7	2.5	2.2	0.8	2.5	2.2	0.9	2.0	1.8	0.7	1.9	1.7	0.7	1.8	1.6	0.7
		19	2.6	2.1	0.7	2.7	2.3	0.8	2.6	2.3	0.9	2.1	1.9	0.7	2.0	1.8	0.7	1.9	1.7	0.7
32	23	2.9	2.1	0.7	2.9	2.3	0.9	2.9	2.2	0.9	2.4	1.9	0.8	2.2	1.8	0.7	2.1	1.7	0.7	
	18	1.7	1.0	0.5	1.7	1.0	0.6	1.7	1.0	0.7	1.4	0.9	0.5	1.3	0.8	0.5	1.2	0.8	0.5	
	12	1.7	0.6	0.5	1.8	0.7	0.6	1.7	0.7	0.7	1.4	0.6	0.6	1.3	0.5	0.5	1.2	0.5	0.6	
720	18	15	2.1	0.6	0.6	2.1	0.7	0.7	2.1	0.7	0.8	1.7	0.6	0.6	1.6	0.5	0.6	1.5	0.5	0.6
		12	2.1	1.4	0.6	2.1	1.6	0.7	2.1	1.6	0.8	1.7	1.3	0.7	1.6	1.2	0.6	1.5	1.2	0.6
		15	2.1	1.2	0.6	2.2	1.3	0.7	2.1	1.3	0.8	1.7	1.1	0.7	1.6	1.0	0.6	1.5	1.0	0.7
	21	19	2.5	0.9	0.7	2.5	1.0	0.8	2.5	1.0	0.9	2.0	0.8	0.7	1.9	0.8	0.7	1.8	0.8	0.7
		16	2.2	1.5	0.6	2.3	1.6	0.7	2.2	1.6	0.8	1.8	1.3	0.7	1.7	1.3	0.6	1.6	1.2	0.7
		19	2.5	1.4	0.7	2.6	1.6	0.8	2.5	1.5	0.9	2.1	1.3	0.7	1.9	1.2	0.7	1.8	1.2	0.7
	24	23	2.5	0.7	0.7	2.5	0.7	0.8	2.5	0.7	0.9	2.0	0.6	0.8	1.9	0.6	0.7	1.8	0.6	0.7
		16	2.3	1.9	0.7	2.4	2.0	0.8	2.3	2.0	0.9	1.9	1.7	0.7	1.8	1.6	0.7	1.7	1.5	0.7
		19	2.6	1.8	0.7	2.6	2.0	0.8	2.6	2.0	0.9	2.1	1.6	0.7	2.0	1.6	0.7	1.9	1.5	0.7
	27	23	2.7	1.2	0.7	2.8	1.4	0.8	2.7	1.3	0.9	2.2	1.1	0.8	2.1	1.1	0.7	2.0	1.0	0.7
		19	2.6	2.0	0.7	2.7	2.1	0.8	2.6	2.1	0.9	2.2	1.8	0.7	2.0	1.7	0.7	1.9	1.6	0.7
		16	2.4	2.1	0.7	2.5	2.2	0.8	2.5	2.2	0.9	2.0	1.8	0.7	1.9	1.7	0.7	1.8	1.6	0.7
	30	19	2.6	2.1	0.7	2.7	2.3	0.8	2.7	2.3	0.9	2.2	1.9	0.7	2.0	1.8	0.7	1.9	1.7	0.7
		23	2.8	1.7	0.7	2.9	1.9	0.8	2.8	1.8	0.9	2.3	1.5	0.8	2.1	1.5	0.7	2.0	1.4	0.7
		16	2.6	2.2	0.7	2.6	2.4	0.8	2.6	2.4	0.9	2.1	2.0	0.7	2.0	1.8	0.7	1.8	1.7	0.7
	32	19	2.7	2.4	0.7	2.8	2.6	0.8	2.7	2.5	0.9	2.2	2.1	0.8	2.1	2.0	0.7	2.0	1.8	0.7
		23	2.9	2.2	0.7	2.9	2.4	0.9	2.9	2.3	0.9	2.4	1.9	0.8	2.2	1.9	0.7	2.1	1.8	0.7
		16	2.6	2.2	0.7	2.6	2.4	0.8	2.6	2.4	0.9	2.1	2.0	0.7	2.0	1.8	0.7	1.8	1.7	0.7
800	18	9	1.7	1.0	0.5	1.7	1.1	0.6	1.7	1.1	0.7	1.4	0.9	0.6	1.3	0.9	0.5	1.2	0.8	0.5
		12	1.8	0.7	0.5	1.8	0.7	0.6	1.8	0.7	0.7	1.5	0.6	0.6	1.4	0.6	0.5	1.3	0.6	0.6
		15	2.1	0.7	0.6	2.2	0.8	0.7	2.1	0.8	0.8	1.7	0.6	0.6	1.6	0.6	0.6	1.5	0.6	0.6
	21	12	2.1	1.6	0.6	2.2	1.7	0.7	2.1	1.7	0.8	1.7	1.4	0.7	1.6	1.4	0.6	1.5	1.3	0.6
		15	2.2	1.3	0.6	2.2	1.4	0.8	2.2	1.4	0.8	1.8	1.2	0.7	1.7	1.1	0.6	1.6	1.1	0.7
		19	2.5	1.0	0.7	2.6	1.1	0.8	2.5	1.1	0.9	2.1	0.9	0.7	1.9	0.9	0.7	1.8	0.8	0.7
	24	16	2.3	1.6	0.6	2.3	1.8	0.8	2.3	1.7	0.8	1.9	1.5	0.7	1.7	1.4	0.6	1.6	1.3	0.7
		19	2.6	1.6	0.7	2.6	1.7	0.8	2.6	1.7	0.9	2.1	1.4	0.7	2.0	1.4	0.7	1.9	1.3	0.7
		23	2.5	0.7	0.7	2.6	0.8	0.9	2.5	0.8	0.9	2.1	0.7	0.8	1.9	0.6	0.7	1.8	0.6	0.7
	27	16	2.4	2.0	0.7	2.4	2.2	0.8	2.4	2.2	0.9	1.9	1.8	0.7	1.8	1.7	0.7	1.7	1.7	0.7
		19	2.6	2.0	0.7	2.7	2.2	0.8	2.6	2.2	0.9	2.2	1.8	0.7	2.0	1.7	0.7	1.9	1.6	0.7
		23	2.8	1.4	0.7	2.9	1.5	0.8	2.8	1.5	0.9	2.3	1.2	0.8	2.1	1.2	0.7	2.0	1.1	0.7
	29	19	2.7	2.2	0.7	2.8	2.3	0.8	2.7	2.3	0.9	2.2	1.9	0.8	2.1	1.8	0.7	1.9	1.8	0.7
		16	2.5	2.3	0.7	2.6	2.5	0.8	2.5	2.4	0.9	2.0	2.0	0.7	1.9	1.9	0.7	1.8	1.8	0.7
		19	2.7	2.3	0.7	2.8	2.5	0.8	2.7	2.5	0.9	2.2	2.1	0.8	2.1	2.0	0.7	1.9	1.9	0.7
	30	23	2.8	1.9	0.7	2.9	2.0	0.9	2.9	2.0	0.9	2.3	1.7	0.8	2.2	1.6	0.7	2.0	1.5	0.7
		16	2.6	2.5	0.7	2.7	2.7	0.8	2.6	2.6	0.9	2.2	2.2	0.7	2.0	2.0	0.7	1.9	1.9	0.7
		19	2.8	2.6	0.7	2.9	2.8	0.8	2.8	2.8	0.9	2.3	2.3	0.8	2.1	2.1	0.7	2.0	2.0	0.7
32	23	2.9	2.3	0.7	2.9	2.5	0.9	2.9	2.5	0.9	2.4	2.1	0.8	2.2	2.0	0.7	2.1	1.9	0.7	

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AFR	Indoor temperature		Outdoor temperature DB (°C)																		
			30			35			39			43			46			48			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
880	18	9	1.7	0.8	0.5	1.8	1.2	0.6	1.7	0.8	0.7	1.4	0.7	0.6	1.3	0.7	0.5	1.2	0.6	0.5	
		12	1.8	0.5	0.6	1.9	0.8	0.6	1.8	0.5	0.7	1.5	0.4	0.6	1.4	0.4	0.6	1.3	0.4	0.6	
		15	2.2	0.5	0.6	2.2	0.8	0.7	2.2	0.6	0.8	1.8	0.5	0.6	1.7	0.4	0.6	1.6	0.4	0.6	
	21	12	2.2	1.2	0.6	2.2	1.8	0.7	2.2	1.3	0.8	1.8	1.0	0.7	1.7	1.0	0.6	1.6	0.9	0.7	
		15	2.2	1.0	0.6	2.3	1.5	0.8	2.2	1.0	0.8	1.8	0.9	0.7	1.7	0.8	0.6	1.6	0.8	0.7	
		19	2.6	0.8	0.7	2.6	1.2	0.8	2.6	0.8	0.9	2.1	0.7	0.7	2.0	0.6	0.7	1.9	0.6	0.7	
	24	16	2.3	1.2	0.6	2.4	1.9	0.8	2.3	1.3	0.8	1.9	1.1	0.7	1.8	1.0	0.6	1.7	1.0	0.7	
		19	2.6	1.2	0.7	2.7	1.8	0.8	2.6	1.2	0.9	2.2	1.0	0.7	2.0	1.0	0.7	1.9	0.9	0.7	
		23	2.6	0.5	0.7	2.6	0.8	0.9	2.6	0.6	0.9	2.1	0.5	0.8	2.0	0.5	0.7	1.9	0.4	0.8	
	27	16	2.4	1.5	0.7	2.5	2.3	0.8	2.4	1.6	0.9	2.0	1.3	0.7	1.9	1.3	0.7	1.7	1.2	0.7	
		19	2.7	1.5	0.7	2.8	2.3	0.8	2.7	1.6	0.9	2.2	1.3	0.8	2.1	1.3	0.7	1.9	1.2	0.7	
		23	2.8	1.0	0.7	2.9	1.6	0.9	2.9	1.1	0.9	2.3	0.9	0.8	2.2	0.9	0.7	2.0	0.8	0.7	
	29	19	2.7	1.6	0.7	2.8	2.5	0.8	2.8	1.7	0.9	2.2	1.4	0.8	2.1	1.4	0.7	2.0	1.3	0.7	
		30	16	2.5	1.7	0.7	2.6	2.6	0.8	2.6	1.8	0.9	2.1	1.5	0.7	2.0	1.4	0.7	1.8	1.3	0.7
			19	2.8	1.7	0.7	2.8	2.6	0.8	2.8	1.8	0.9	2.3	1.5	0.8	2.1	1.4	0.7	2.0	1.4	0.7
	23		2.9	1.4	0.7	3.0	2.2	0.9	2.9	1.5	0.9	2.4	1.2	0.8	2.2	1.2	0.7	2.1	1.1	0.8	
	32	16	2.7	1.8	0.7	2.7	2.8	0.8	2.7	1.9	0.9	2.2	1.6	0.8	2.1	1.5	0.7	1.9	1.4	0.7	
		19	2.8	1.9	0.7	2.9	2.9	0.9	2.9	2.0	0.9	2.3	1.7	0.8	2.2	1.6	0.7	2.0	1.5	0.7	
23		2.9	1.7	0.7	2.9	2.6	0.9	2.9	1.8	0.9	2.4	1.5	0.8	2.2	1.4	0.7	2.1	1.4	0.7		
960	18	9	1.7	0.6	0.5	1.8	1.2	0.6	1.8	0.6	0.7	1.4	0.5	0.6	1.4	0.5	0.5	1.3	0.5	0.5	
		12	1.8	0.4	0.6	1.9	0.8	0.7	1.8	0.4	0.7	1.5	0.3	0.6	1.4	0.3	0.6	1.3	0.3	0.6	
		15	2.2	0.4	0.6	2.3	0.8	0.7	2.2	0.4	0.8	1.8	0.3	0.6	1.7	0.3	0.6	1.6	0.3	0.6	
	21	12	2.2	0.8	0.6	2.2	1.8	0.8	2.2	0.9	0.8	1.8	0.8	0.7	1.7	0.7	0.6	1.6	0.7	0.7	
		15	2.2	0.7	0.7	2.3	1.5	0.8	2.3	0.7	0.8	1.8	0.6	0.7	1.7	0.6	0.7	1.6	0.6	0.7	
		19	2.6	0.5	0.7	2.7	1.2	0.8	2.6	0.6	0.9	2.1	0.5	0.7	2.0	0.5	0.7	1.9	0.4	0.7	
	24	16	2.3	0.9	0.7	2.4	1.9	0.8	2.4	0.9	0.8	1.9	0.8	0.7	1.8	0.7	0.7	1.7	0.7	0.7	
		19	2.6	0.8	0.7	2.7	1.8	0.8	2.7	0.9	0.9	2.2	0.8	0.8	2.0	0.7	0.7	1.9	0.7	0.7	
		23	2.6	0.4	0.7	2.7	0.9	0.9	2.6	0.4	1.0	2.1	0.4	0.8	2.0	0.3	0.7	1.9	0.3	0.8	
	27	16	2.4	1.1	0.7	2.5	2.3	0.8	2.5	1.2	0.9	2.0	1.0	0.7	1.9	0.9	0.7	1.8	0.9	0.7	
		19	2.7	1.1	0.7	2.8	2.3	0.8	2.7	1.2	0.9	2.2	1.0	0.8	2.1	0.9	0.7	1.9	0.9	0.7	
		23	2.9	0.7	0.7	2.9	1.6	0.9	2.9	0.8	0.9	2.4	0.7	0.8	2.2	0.6	0.7	2.1	0.6	0.8	
	29	19	2.8	1.2	0.7	2.8	2.5	0.9	2.8	1.2	0.9	2.3	1.0	0.8	2.1	1.0	0.7	2.0	0.9	0.7	
		30	16	2.6	1.2	0.7	2.6	2.6	0.8	2.6	1.3	0.9	2.1	1.1	0.7	2.0	1.0	0.7	1.8	1.0	0.7
			19	2.8	1.2	0.7	2.9	2.7	0.9	2.8	1.3	0.9	2.3	1.1	0.8	2.1	1.1	0.7	2.0	1.0	0.7
	23		2.9	1.0	0.7	3.0	2.2	0.9	2.9	1.1	1.0	2.4	0.9	0.8	2.3	0.9	0.7	2.1	0.8	0.8	
	32	16	2.7	1.3	0.7	2.8	2.8	0.8	2.7	1.4	0.9	2.2	1.1	0.8	2.1	1.1	0.7	1.9	1.0	0.7	
		19	2.9	1.4	0.7	2.9	3.0	0.9	2.9	1.5	0.9	2.4	1.2	0.8	2.2	1.1	0.7	2.1	1.1	0.8	
23		2.9	1.2	0.7	2.9	2.6	0.9	2.9	1.3	0.9	2.4	1.1	0.8	2.2	1.0	0.7	2.1	1.0	0.7		

Outdoor Unit:GUHD12NK3C1O Indoor Unit:GFH12K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)														
			-15			-10			-7			-5			0		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
672	18	9	1.4	0.6	0.4	1.4	0.6	0.4	1.4	0.6	0.4	1.5	0.6	0.5	1.5	0.6	0.5
		12	1.4	0.4	0.4	1.5	0.4	0.5	1.5	0.4	0.5	1.5	0.4	0.5	1.5	0.4	0.5
		15	1.7	0.4	0.5	1.8	0.4	0.5	1.8	0.4	0.5	1.8	0.4	0.5	1.8	0.4	0.5
	21	12	1.7	0.9	0.5	1.8	0.9	0.5	1.8	0.9	0.5	1.8	1.0	0.5	1.8	1.0	0.6
		15	1.8	0.7	0.5	1.8	0.7	0.5	1.8	0.8	0.5	1.9	0.8	0.6	1.9	0.8	0.6
		19	2.1	0.6	0.6	2.1	0.6	0.6	2.1	0.6	0.6	2.2	0.6	0.6	2.2	0.6	0.6
	24	16	1.9	0.9	0.5	1.9	0.9	0.5	1.9	1.0	0.5	1.9	1.0	0.6	2.0	1.0	0.6
		19	2.1	0.9	0.6	2.1	0.9	0.6	2.2	0.9	0.6	2.2	1.0	0.6	2.2	1.0	0.6
		23	2.1	0.4	0.6	2.1	0.4	0.6	2.1	0.4	0.6	2.2	0.4	0.6	2.2	0.5	0.6
	27	16	1.9	1.1	0.6	2.0	1.2	0.6	2.0	1.2	0.6	2.0	1.2	0.6	2.1	1.3	0.6
		19	2.1	1.1	0.6	2.2	1.1	0.6	2.2	1.2	0.6	2.2	1.2	0.6	2.3	1.2	0.6
		23	2.3	0.8	0.6	2.3	0.8	0.6	2.3	0.8	0.6	2.4	0.8	0.6	2.4	0.8	0.6
	29	19	2.2	1.2	0.6	2.2	1.2	0.6	2.3	1.3	0.6	2.3	1.3	0.6	2.3	1.3	0.6
		16	2.0	1.3	0.6	2.1	1.3	0.6	2.1	1.3	0.6	2.1	1.4	0.6	2.2	1.4	0.6
		19	2.2	1.3	0.6	2.2	1.3	0.6	2.3	1.3	0.6	2.3	1.4	0.6	2.3	1.4	0.6
30	23	2.3	1.0	0.6	2.4	1.1	0.6	2.4	1.1	0.6	2.4	1.1	0.6	2.5	1.2	0.6	
	16	2.1	1.4	0.6	2.2	1.4	0.6	2.2	1.4	0.6	2.2	1.5	0.6	2.3	1.5	0.6	
	19	2.3	1.4	0.6	2.3	1.5	0.6	2.3	1.5	0.6	2.4	1.6	0.6	2.4	1.6	0.6	
32	23	2.5	1.4	0.6	2.6	1.4	0.6	2.6	1.5	0.6	2.6	1.5	0.6	2.7	1.6	0.7	
	18	1.5	0.6	0.4	1.5	0.7	0.4	1.5	0.7	0.4	1.5	0.7	0.5	1.6	0.7	0.5	
	12	1.5	0.4	0.5	1.5	0.4	0.5	1.6	0.4	0.5	1.6	0.5	0.5	1.6	0.5	0.5	
756	18	15	1.8	0.4	0.5	1.9	0.4	0.5	1.9	0.5	0.5	1.9	0.5	0.5	1.9	0.5	0.5
		12	1.8	1.0	0.5	1.9	1.0	0.5	1.9	1.0	0.5	1.9	1.1	0.6	1.9	1.1	0.6
		15	1.9	0.8	0.5	1.9	0.8	0.5	1.9	0.8	0.6	2.0	0.9	0.6	2.0	0.9	0.6
	21	19	2.2	0.6	0.6	2.2	0.6	0.6	2.2	0.7	0.6	2.3	0.7	0.6	2.3	0.7	0.6
		16	2.0	1.0	0.5	2.0	1.0	0.5	2.0	1.0	0.6	2.0	1.1	0.6	2.1	1.1	0.6
		19	2.2	1.0	0.6	2.3	1.0	0.6	2.3	1.0	0.6	2.3	1.0	0.6	2.4	1.1	0.6
	24	23	2.2	0.5	0.6	2.2	0.5	0.6	2.2	0.5	0.6	2.3	0.5	0.6	2.3	0.5	0.6
		16	2.0	1.2	0.6	2.1	1.3	0.6	2.1	1.3	0.6	2.1	1.3	0.6	2.2	1.4	0.6
		19	2.3	1.2	0.6	2.3	1.3	0.6	2.3	1.3	0.6	2.4	1.3	0.6	2.4	1.4	0.6
	27	23	2.4	0.8	0.6	2.4	0.9	0.6	2.5	0.9	0.6	2.5	0.9	0.6	2.5	0.9	0.6
		19	2.3	1.3	0.6	2.3	1.4	0.6	2.4	1.4	0.6	2.4	1.4	0.6	2.4	1.5	0.6
		16	2.1	1.4	0.6	2.2	1.4	0.6	2.2	1.5	0.6	2.2	1.5	0.6	2.3	1.5	0.6
	30	19	2.3	1.4	0.6	2.4	1.4	0.6	2.4	1.5	0.6	2.4	1.5	0.6	2.5	1.6	0.6
		23	2.4	1.1	0.6	2.5	1.2	0.6	2.5	1.2	0.6	2.6	1.3	0.6	2.6	1.3	0.6
		16	2.3	1.5	0.6	2.3	1.5	0.6	2.3	1.6	0.6	2.4	1.6	0.6	2.4	1.7	0.6
32	19	2.4	1.6	0.6	2.4	1.6	0.6	2.5	1.7	0.6	2.5	1.7	0.6	2.5	1.8	0.6	
	23	2.5	1.5	0.6	2.6	1.5	0.6	2.6	1.5	0.6	2.6	1.6	0.6	2.7	1.6	0.7	
	18	1.5	0.7	0.4	1.5	0.7	0.4	1.5	0.7	0.5	1.6	0.8	0.5	1.6	0.8	0.5	
840	18	12	1.6	0.5	0.5	1.6	0.5	0.5	1.6	0.5	0.5	1.6	0.5	0.5	1.6	0.5	0.5
		15	1.9	0.5	0.5	1.9	0.5	0.5	1.9	0.5	0.5	2.0	0.5	0.5	2.0	0.5	0.5
		12	1.9	1.1	0.5	1.9	1.1	0.5	1.9	1.1	0.5	1.9	1.2	0.6	2.0	1.2	0.6
	21	15	1.9	0.9	0.5	1.9	0.9	0.5	2.0	0.9	0.6	2.0	0.9	0.6	2.0	1.0	0.6
		19	2.2	0.7	0.6	2.3	0.7	0.6	2.3	0.7	0.6	2.3	0.7	0.6	2.4	0.8	0.6
		16	2.0	1.1	0.5	2.0	1.1	0.5	2.1	1.2	0.6	2.1	1.2	0.6	2.1	1.2	0.6
	24	19	2.3	1.1	0.6	2.3	1.1	0.6	2.3	1.1	0.6	2.4	1.2	0.6	2.4	1.2	0.6
		23	2.2	0.5	0.6	2.3	0.5	0.6	2.3	0.5	0.6	2.3	0.5	0.6	2.4	0.6	0.7
		16	2.1	1.4	0.6	2.1	1.4	0.6	2.1	1.4	0.6	2.2	1.5	0.6	2.2	1.5	0.6
	27	19	2.3	1.3	0.6	2.3	1.4	0.6	2.4	1.4	0.6	2.4	1.5	0.6	2.5	1.5	0.6
		23	2.4	0.9	0.6	2.5	0.9	0.6	2.5	1.0	0.6	2.6	1.0	0.6	2.6	1.0	0.6
		19	2.4	1.4	0.6	2.4	1.5	0.6	2.4	1.5	0.6	2.5	1.6	0.6	2.5	1.6	0.6
	29	16	2.2	1.5	0.6	2.2	1.6	0.6	2.3	1.6	0.6	2.3	1.7	0.6	2.3	1.7	0.6
		19	2.4	1.5	0.6	2.4	1.6	0.6	2.5	1.6	0.6	2.5	1.7	0.6	2.5	1.7	0.6
		23	2.5	1.3	0.6	2.5	1.3	0.6	2.6	1.3	0.6	2.6	1.4	0.6	2.6	1.4	0.7
30	16	2.3	1.6	0.6	2.3	1.7	0.6	2.4	1.7	0.6	2.4	1.8	0.6	2.4	1.8	0.6	
	19	2.4	1.7	0.6	2.5	1.8	0.6	2.5	1.8	0.6	2.6	1.9	0.6	2.6	1.9	0.6	
	23	2.5	1.6	0.6	2.6	1.6	0.6	2.6	1.7	0.6	2.6	1.7	0.6	2.7	1.8	0.7	

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AFR	Indoor temperature		Outdoor temperature DB (°C)														
			-15			-10			-7			-5			0		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
924	18	9	1.5	0.5	0.4	1.5	0.5	0.5	1.6	0.5	0.5	1.6	0.6	0.5	1.6	0.6	0.5
		12	1.6	0.3	0.5	1.6	0.3	0.5	1.6	0.4	0.5	1.7	0.4	0.5	1.7	0.4	0.5
		15	1.9	0.3	0.5	1.9	0.4	0.5	2.0	0.4	0.5	2.0	0.4	0.5	2.0	0.4	0.5
	21	12	1.9	0.8	0.5	1.9	0.8	0.5	2.0	0.8	0.6	2.0	0.8	0.6	2.0	0.9	0.6
		15	1.9	0.6	0.5	2.0	0.7	0.6	2.0	0.7	0.6	2.0	0.7	0.6	2.1	0.7	0.6
		19	2.3	0.5	0.6	2.3	0.5	0.6	2.3	0.5	0.6	2.4	0.5	0.6	2.4	0.6	0.6
	24	16	2.0	0.8	0.5	2.1	0.8	0.6	2.1	0.8	0.6	2.1	0.9	0.6	2.2	0.9	0.6
		19	2.3	0.8	0.6	2.3	0.8	0.6	2.4	0.8	0.6	2.4	0.8	0.6	2.4	0.9	0.6
		23	2.3	0.4	0.6	2.3	0.4	0.6	2.3	0.4	0.6	2.4	0.4	0.6	2.4	0.4	0.7
	27	16	2.1	1.0	0.6	2.2	1.0	0.6	2.2	1.1	0.6	2.2	1.1	0.6	2.2	1.1	0.6
		19	2.4	1.0	0.6	2.4	1.0	0.6	2.4	1.0	0.6	2.5	1.1	0.6	2.5	1.1	0.6
		23	2.5	0.7	0.6	2.5	0.7	0.6	2.6	0.7	0.6	2.6	0.7	0.6	2.6	0.8	0.7
	29	19	2.4	1.1	0.6	2.4	1.1	0.6	2.5	1.1	0.6	2.5	1.2	0.6	2.5	1.2	0.6
		16	2.2	1.1	0.6	2.3	1.1	0.6	2.3	1.2	0.6	2.3	1.2	0.6	2.4	1.2	0.6
		19	2.4	1.1	0.6	2.5	1.2	0.6	2.5	1.2	0.6	2.5	1.2	0.6	2.6	1.3	0.6
	30	23	2.5	0.9	0.6	2.6	1.0	0.6	2.6	1.0	0.6	2.7	1.0	0.6	2.7	1.0	0.7
		16	2.3	1.2	0.6	2.4	1.2	0.6	2.4	1.3	0.6	2.5	1.3	0.6	2.5	1.3	0.6
		19	2.5	1.3	0.6	2.5	1.3	0.6	2.6	1.3	0.6	2.6	1.4	0.6	2.6	1.4	0.7
32	23	2.5	1.1	0.6	2.6	1.2	0.6	2.6	1.2	0.6	2.6	1.2	0.6	2.7	1.3	0.7	
	18	9	1.5	0.4	0.4	1.6	0.4	0.5	1.6	0.4	0.5	1.6	0.4	0.5	1.6	0.4	0.5
	12	1.6	0.2	0.5	1.6	0.3	0.5	1.6	0.3	0.5	1.7	0.3	0.5	1.7	0.3	0.5	
1008	18	15	1.9	0.3	0.5	2.0	0.3	0.5	2.0	0.3	0.5	2.0	0.3	0.5	2.0	0.3	0.6
		12	1.9	0.6	0.5	1.9	0.6	0.5	2.0	0.6	0.6	2.0	0.6	0.6	2.0	0.6	0.6
		15	2.0	0.5	0.6	2.0	0.5	0.6	2.0	0.5	0.6	2.1	0.5	0.6	2.1	0.5	0.6
	21	19	2.3	0.4	0.6	2.3	0.4	0.6	2.4	0.4	0.6	2.4	0.4	0.6	2.4	0.4	0.6
		16	2.1	0.6	0.6	2.1	0.6	0.6	2.1	0.6	0.6	2.1	0.6	0.6	2.2	0.7	0.6
		19	2.3	0.6	0.6	2.4	0.6	0.6	2.4	0.6	0.6	2.4	0.6	0.6	2.5	0.6	0.6
	24	23	2.3	0.3	0.6	2.3	0.3	0.6	2.4	0.3	0.6	2.4	0.3	0.7	2.4	0.3	0.7
		16	2.1	0.7	0.6	2.2	0.7	0.6	2.2	0.8	0.6	2.2	0.8	0.6	2.3	0.8	0.6
		19	2.4	0.7	0.6	2.4	0.7	0.6	2.5	0.8	0.6	2.5	0.8	0.6	2.5	0.8	0.6
	27	23	2.5	0.5	0.6	2.6	0.5	0.6	2.6	0.5	0.6	2.6	0.5	0.6	2.7	0.5	0.7
		19	2.4	0.8	0.6	2.5	0.8	0.6	2.5	0.8	0.6	2.5	0.8	0.6	2.6	0.9	0.7
		16	2.3	0.8	0.6	2.3	0.8	0.6	2.3	0.9	0.6	2.4	0.9	0.6	2.4	0.9	0.6
	30	19	2.5	0.8	0.6	2.5	0.8	0.6	2.5	0.9	0.6	2.6	0.9	0.6	2.6	0.9	0.7
		23	2.6	0.7	0.6	2.6	0.7	0.6	2.7	0.7	0.6	2.7	0.7	0.7	2.7	0.8	0.7
		16	2.4	0.9	0.6	2.4	0.9	0.6	2.4	0.9	0.6	2.5	1.0	0.6	2.5	1.0	0.6
	32	19	2.5	0.9	0.6	2.6	0.9	0.6	2.6	1.0	0.6	2.6	1.0	0.6	2.7	1.0	0.7
		23	2.5	0.8	0.6	2.6	0.8	0.6	2.6	0.9	0.6	2.6	0.9	0.6	2.7	0.9	0.7

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			5			10			15			18			21			25		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
672	18	9	1.5	0.7	0.5	1.5	0.7	0.5	1.5	0.7	0.5	1.6	0.7	0.5	1.7	0.8	0.5	2.0	1.0	0.6
		12	1.6	0.4	0.5	1.6	0.4	0.5	1.6	0.5	0.5	1.6	0.5	0.5	1.8	0.5	0.6	2.0	0.7	0.6
		15	1.9	0.4	0.5	1.9	0.5	0.5	1.9	0.5	0.6	2.0	0.5	0.6	2.1	0.6	0.6	2.5	0.7	0.7
	21	12	1.9	1.0	0.6	1.9	1.0	0.6	1.9	1.1	0.6	2.0	1.1	0.6	2.1	1.3	0.7	2.4	1.5	0.7
		15	1.9	0.8	0.6	1.9	0.8	0.6	2.0	0.9	0.6	2.0	0.9	0.6	2.1	1.0	0.7	2.5	1.3	0.7
		19	2.2	0.7	0.6	2.2	0.7	0.6	2.3	0.7	0.6	2.3	0.7	0.7	2.5	0.8	0.7	2.9	1.0	0.8
	24	16	2.0	1.0	0.6	2.0	1.1	0.6	2.0	1.1	0.6	2.1	1.1	0.6	2.2	1.3	0.7	2.6	1.6	0.7
		19	2.3	1.0	0.6	2.3	1.0	0.6	2.3	1.1	0.6	2.4	1.1	0.7	2.6	1.3	0.7	3.0	1.5	0.8
		23	2.2	0.5	0.7	2.3	0.5	0.7	2.3	0.5	0.7	2.3	0.5	0.7	2.5	0.6	0.8	2.9	0.7	0.8
	27	16	2.1	1.3	0.6	2.1	1.3	0.6	2.1	1.4	0.6	2.2	1.4	0.7	2.3	1.6	0.7	2.7	2.0	0.8
		19	2.3	1.3	0.6	2.3	1.3	0.6	2.4	1.4	0.7	2.4	1.4	0.7	2.6	1.6	0.7	3.0	2.0	0.8
		23	2.4	0.9	0.6	2.5	0.9	0.7	2.5	0.9	0.7	2.6	1.0	0.7	2.8	1.1	0.8	3.2	1.3	0.8
	29	19	2.4	1.4	0.6	2.4	1.4	0.7	2.4	1.4	0.7	2.5	1.5	0.7	2.7	1.7	0.7	3.1	2.1	0.8
		16	2.2	1.4	0.6	2.2	1.5	0.6	2.3	1.5	0.6	2.3	1.6	0.7	2.5	1.8	0.7	2.9	2.2	0.8
		19	2.4	1.5	0.6	2.4	1.5	0.7	2.4	1.5	0.7	2.5	1.6	0.7	2.7	1.8	0.7	3.1	2.2	0.8
30	23	2.5	1.2	0.7	2.5	1.2	0.7	2.6	1.3	0.7	2.6	1.3	0.7	2.8	1.5	0.8	3.3	1.8	0.8	
	16	2.3	1.6	0.6	2.3	1.6	0.6	2.4	1.6	0.7	2.4	1.7	0.7	2.6	1.9	0.7	3.0	2.4	0.8	
	19	2.4	1.6	0.6	2.5	1.7	0.7	2.5	1.7	0.7	2.6	1.8	0.7	2.8	2.0	0.8	3.2	2.5	0.8	
32	23	2.7	1.6	0.7	2.8	1.6	0.7	2.8	1.7	0.7	2.9	1.8	0.7	3.1	2.0	0.8	3.6	2.5	0.8	
	9	1.6	0.7	0.5	1.6	0.8	0.5	1.6	0.8	0.5	1.7	0.8	0.5	1.8	0.9	0.6	2.1	1.1	0.6	
	12	1.6	0.5	0.5	1.7	0.5	0.5	1.7	0.5	0.5	1.7	0.5	0.5	1.8	0.6	0.6	2.1	0.7	0.6	
756	18	15	2.0	0.5	0.5	2.0	0.5	0.6	2.0	0.5	0.6	2.1	0.5	0.6	2.2	0.6	0.6	2.6	0.8	0.7
		12	2.0	1.1	0.6	2.0	1.1	0.6	2.0	1.2	0.6	2.1	1.2	0.6	2.2	1.4	0.7	2.6	1.7	0.7
		15	2.0	0.9	0.6	2.0	0.9	0.6	2.1	1.0	0.6	2.1	1.0	0.6	2.3	1.1	0.7	2.6	1.4	0.7
	21	19	2.3	0.7	0.6	2.4	0.7	0.6	2.4	0.8	0.6	2.5	0.8	0.7	2.6	0.9	0.7	3.1	1.1	0.8
		16	2.1	1.1	0.6	2.1	1.2	0.6	2.2	1.2	0.6	2.2	1.3	0.6	2.4	1.4	0.7	2.8	1.7	0.7
		19	2.4	1.1	0.6	2.4	1.1	0.6	2.5	1.2	0.7	2.5	1.2	0.7	2.7	1.4	0.7	3.1	1.7	0.8
	24	23	2.3	0.5	0.7	2.4	0.5	0.7	2.4	0.5	0.7	2.5	0.6	0.7	2.6	0.6	0.8	3.1	0.8	0.8
		16	2.2	1.4	0.6	2.2	1.5	0.6	2.3	1.5	0.6	2.3	1.6	0.7	2.5	1.8	0.7	2.9	2.2	0.8
		19	2.4	1.4	0.6	2.5	1.5	0.7	2.5	1.5	0.7	2.6	1.6	0.7	2.7	1.8	0.7	3.2	2.2	0.8
	27	23	2.6	1.0	0.7	2.6	1.0	0.7	2.7	1.0	0.7	2.7	1.1	0.7	2.9	1.2	0.8	3.4	1.5	0.8
		19	2.5	1.5	0.6	2.5	1.6	0.7	2.6	1.6	0.7	2.6	1.7	0.7	2.8	1.9	0.8	3.3	2.3	0.8
		16	2.3	1.6	0.6	2.3	1.6	0.6	2.4	1.7	0.6	2.4	1.7	0.7	2.6	2.0	0.7	3.0	2.4	0.8
	30	19	2.5	1.6	0.6	2.5	1.7	0.7	2.6	1.7	0.7	2.6	1.8	0.7	2.8	2.0	0.8	3.3	2.5	0.8
		23	2.6	1.3	0.7	2.7	1.4	0.7	2.7	1.4	0.7	2.8	1.5	0.7	3.0	1.6	0.8	3.4	2.0	0.8
		16	2.4	1.7	0.6	2.5	1.8	0.7	2.5	1.8	0.7	2.6	1.9	0.7	2.7	2.1	0.7	3.2	2.6	0.8
32	19	2.6	1.8	0.7	2.6	1.9	0.7	2.7	1.9	0.7	2.7	2.0	0.7	2.9	2.3	0.8	3.4	2.8	0.8	
	23	2.7	1.7	0.7	2.8	1.7	0.7	2.8	1.8	0.7	2.9	1.8	0.7	3.1	2.1	0.8	3.6	2.6	0.8	
	9	1.6	0.8	0.5	1.6	0.8	0.5	1.7	0.8	0.5	1.7	0.9	0.5	1.8	1.0	0.6	2.1	1.2	0.6	
840	18	12	1.7	0.5	0.5	1.7	0.5	0.5	1.7	0.6	0.5	1.8	0.6	0.5	1.9	0.7	0.6	2.2	0.8	0.6
		15	2.0	0.5	0.5	2.0	0.6	0.6	2.1	0.6	0.6	2.1	0.6	0.6	2.3	0.7	0.6	2.6	0.8	0.7
		12	2.0	1.2	0.6	2.0	1.3	0.6	2.1	1.3	0.6	2.1	1.3	0.6	2.3	1.5	0.7	2.6	1.9	0.7
	21	15	2.1	1.0	0.6	2.1	1.0	0.6	2.1	1.1	0.6	2.2	1.1	0.6	2.3	1.2	0.7	2.7	1.5	0.7
		19	2.4	0.8	0.6	2.4	0.8	0.6	2.5	0.8	0.7	2.5	0.9	0.7	2.7	1.0	0.7	3.1	1.2	0.8
		16	2.1	1.3	0.6	2.2	1.3	0.6	2.2	1.3	0.6	2.3	1.4	0.6	2.4	1.6	0.7	2.8	1.9	0.7
	24	19	2.4	1.2	0.6	2.5	1.2	0.7	2.5	1.3	0.7	2.6	1.3	0.7	2.7	1.5	0.7	3.2	1.9	0.8
		23	2.4	0.6	0.7	2.4	0.6	0.7	2.5	0.6	0.7	2.5	0.6	0.7	2.7	0.7	0.8	3.1	0.9	0.8
		16	2.2	1.6	0.6	2.3	1.6	0.6	2.3	1.6	0.6	2.4	1.7	0.7	2.5	1.9	0.7	2.9	2.4	0.8
	27	19	2.5	1.5	0.6	2.5	1.6	0.7	2.6	1.6	0.7	2.6	1.7	0.7	2.8	1.9	0.8	3.3	2.4	0.8
		23	2.6	1.1	0.7	2.7	1.1	0.7	2.7	1.1	0.7	2.8	1.2	0.7	3.0	1.3	0.8	3.5	1.6	0.8
		19	2.5	1.7	0.7	2.6	1.7	0.7	2.6	1.8	0.7	2.7	1.8	0.7	2.9	2.1	0.8	3.3	2.5	0.8
	29	16	2.4	1.7	0.6	2.4	1.8	0.6	2.4	1.8	0.7	2.5	1.9	0.7	2.7	2.2	0.7	3.1	2.7	0.8
		19	2.6	1.8	0.7	2.6	1.8	0.7	2.6	1.9	0.7	2.7	1.9	0.7	2.9	2.2	0.8	3.4	2.7	0.8
		23	2.7	1.5	0.7	2.7	1.5	0.7	2.8	1.5	0.7	2.8	1.6	0.7	3.0	1.8	0.8	3.5	2.2	0.8
30	16	2.5	1.9	0.6	2.5	1.9	0.7	2.5	2.0	0.7	2.6	2.1	0.7	2.8	2.3	0.8	3.2	2.9	0.8	
	19	2.6	2.0	0.7	2.7	2.0	0.7	2.7	2.1	0.7	2.8	2.2	0.7	3.0	2.5	0.8	3.5	3.0	0.8	
	23	2.7	1.8	0.7	2.8	1.9	0.7	2.8	1.9	0.7	2.9	2.0	0.7	3.1	2.2	0.8	3.6	2.8	0.8	

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AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			5			10			15			18			21			25		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
924	18	9	1.6	0.6	0.5	1.7	0.6	0.5	1.7	0.6	0.5	1.7	0.6	0.5	1.9	0.7	0.6	2.2	0.9	0.6
		12	1.7	0.4	0.5	1.7	0.4	0.5	1.8	0.4	0.5	1.8	0.4	0.5	1.9	0.5	0.6	2.2	0.6	0.6
		15	2.1	0.4	0.6	2.1	0.4	0.6	2.1	0.4	0.6	2.2	0.4	0.6	2.3	0.5	0.6	2.7	0.6	0.7
	21	12	2.0	0.9	0.6	2.1	0.9	0.6	2.1	0.9	0.6	2.2	1.0	0.6	2.3	1.1	0.7	2.7	1.4	0.7
		15	2.1	0.7	0.6	2.1	0.8	0.6	2.2	0.8	0.6	2.2	0.8	0.6	2.4	0.9	0.7	2.7	1.1	0.7
		19	2.4	0.6	0.6	2.5	0.6	0.7	2.5	0.6	0.7	2.6	0.6	0.7	2.7	0.7	0.7	3.2	0.9	0.8
	24	16	2.2	0.9	0.6	2.2	0.9	0.6	2.2	1.0	0.6	2.3	1.0	0.6	2.5	1.1	0.7	2.9	1.4	0.7
		19	2.5	0.9	0.6	2.5	0.9	0.7	2.6	0.9	0.7	2.6	1.0	0.7	2.8	1.1	0.8	3.3	1.4	0.8
		23	2.4	0.4	0.7	2.5	0.4	0.7	2.5	0.4	0.7	2.6	0.5	0.7	2.7	0.5	0.8	3.2	0.6	0.8
	27	16	2.3	1.1	0.6	2.3	1.2	0.6	2.3	1.2	0.7	2.4	1.3	0.7	2.6	1.4	0.7	3.0	1.8	0.8
		19	2.5	1.1	0.7	2.6	1.2	0.7	2.6	1.2	0.7	2.7	1.2	0.7	2.9	1.4	0.8	3.3	1.7	0.8
		23	2.7	0.8	0.7	2.7	0.8	0.7	2.8	0.8	0.7	2.8	0.8	0.7	3.0	1.0	0.8	3.5	1.2	0.8
	29	19	2.6	1.2	0.7	2.6	1.3	0.7	2.7	1.3	0.7	2.7	1.3	0.7	2.9	1.5	0.8	3.4	1.9	0.8
		16	2.4	1.3	0.6	2.4	1.3	0.7	2.5	1.4	0.7	2.5	1.4	0.7	2.7	1.6	0.7	3.1	2.0	0.8
		19	2.6	1.3	0.7	2.6	1.3	0.7	2.7	1.4	0.7	2.8	1.4	0.7	2.9	1.6	0.8	3.4	2.0	0.8
	30	23	2.7	1.1	0.7	2.8	1.1	0.7	2.8	1.1	0.7	2.9	1.2	0.7	3.1	1.3	0.8	3.6	1.6	0.8
		16	2.5	1.4	0.7	2.6	1.4	0.7	2.6	1.5	0.7	2.7	1.5	0.7	2.8	1.7	0.8	3.3	2.1	0.8
		19	2.7	1.5	0.7	2.7	1.5	0.7	2.8	1.5	0.7	2.8	1.6	0.7	3.0	1.8	0.8	3.5	2.2	0.8
32	23	2.7	1.3	0.7	2.8	1.3	0.7	2.8	1.4	0.7	2.9	1.4	0.7	3.1	1.6	0.8	3.6	2.0	0.8	
	9	1.7	0.4	0.5	1.7	0.4	0.5	1.7	0.5	0.5	1.8	0.5	0.5	1.9	0.5	0.6	2.2	0.7	0.6	
	12	1.7	0.3	0.5	1.7	0.3	0.5	1.8	0.3	0.5	1.8	0.3	0.6	1.9	0.3	0.6	2.3	0.4	0.6	
1008	18	15	2.1	0.3	0.6	2.1	0.3	0.6	2.1	0.3	0.6	2.2	0.3	0.6	2.3	0.4	0.7	2.7	0.4	0.7
		12	2.1	0.7	0.6	2.1	0.7	0.6	2.1	0.7	0.6	2.2	0.7	0.6	2.3	0.8	0.7	2.7	1.0	0.7
		15	2.1	0.5	0.6	2.1	0.5	0.6	2.2	0.6	0.6	2.2	0.6	0.7	2.4	0.7	0.7	2.8	0.8	0.8
	21	19	2.5	0.4	0.6	2.5	0.4	0.7	2.5	0.4	0.7	2.6	0.5	0.7	2.8	0.5	0.8	3.2	0.6	0.8
		16	2.2	0.7	0.6	2.2	0.7	0.6	2.3	0.7	0.6	2.3	0.7	0.7	2.5	0.8	0.7	2.9	1.0	0.8
		19	2.5	0.6	0.7	2.5	0.7	0.7	2.6	0.7	0.7	2.6	0.7	0.7	2.8	0.8	0.8	3.3	1.0	0.8
	24	23	2.5	0.3	0.7	2.5	0.3	0.7	2.5	0.3	0.7	2.6	0.3	0.7	2.8	0.4	0.8	3.2	0.5	0.8
		16	2.3	0.8	0.6	2.3	0.9	0.7	2.4	0.9	0.7	2.4	0.9	0.7	2.6	1.0	0.7	3.0	1.3	0.8
		19	2.6	0.8	0.7	2.6	0.9	0.7	2.6	0.9	0.7	2.7	0.9	0.7	2.9	1.0	0.8	3.4	1.3	0.8
	27	23	2.7	0.6	0.7	2.8	0.6	0.7	2.8	0.6	0.7	2.9	0.6	0.7	3.1	0.7	0.8	3.6	0.9	0.8
		19	2.6	0.9	0.7	2.6	0.9	0.7	2.7	0.9	0.7	2.8	1.0	0.7	2.9	1.1	0.8	3.4	1.4	0.8
		16	2.4	0.9	0.6	2.5	1.0	0.7	2.5	1.0	0.7	2.6	1.0	0.7	2.7	1.2	0.8	3.2	1.4	0.8
	30	19	2.6	0.9	0.7	2.7	1.0	0.7	2.7	1.0	0.7	2.8	1.0	0.7	3.0	1.2	0.8	3.5	1.4	0.8
		23	2.8	0.8	0.7	2.8	0.8	0.7	2.8	0.8	0.7	2.9	0.9	0.7	3.1	1.0	0.8	3.6	1.2	0.8
		16	2.6	1.0	0.7	2.6	1.0	0.7	2.6	1.1	0.7	2.7	1.1	0.7	2.9	1.3	0.8	3.3	1.5	0.8
	32	19	2.7	1.1	0.7	2.8	1.1	0.7	2.8	1.1	0.7	2.9	1.2	0.7	3.1	1.3	0.8	3.6	1.6	0.8
		23	2.7	0.9	0.7	2.8	1.0	0.7	2.8	1.0	0.7	2.9	1.0	0.7	3.1	1.2	0.8	3.6	1.4	0.8

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			30			35			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
672	18	9	2.0	1.1	0.7	2.1	1.2	0.8	2.1	1.2	0.9	1.7	1.0	0.7	1.6	1.0	0.7	1.5	0.9	0.7
		12	2.1	0.7	0.7	2.2	0.8	0.8	2.1	0.8	0.9	1.8	0.7	0.7	1.6	0.6	0.7	1.5	0.6	0.7
		15	2.6	0.8	0.8	2.6	0.8	0.9	2.6	0.8	1.0	2.1	0.7	0.8	2.0	0.6	0.8	1.8	0.6	0.8
	21	12	2.5	1.7	0.8	2.6	1.8	0.9	2.6	1.8	1.0	2.1	1.5	0.8	2.0	1.5	0.8	1.8	1.4	0.8
		15	2.6	1.4	0.8	2.7	1.5	1.0	2.6	1.5	1.0	2.1	1.2	0.9	2.0	1.2	0.8	1.9	1.1	0.8
		19	3.0	1.1	0.9	3.1	1.2	1.0	3.1	1.2	1.1	2.5	1.0	0.9	2.3	0.9	0.9	2.2	0.9	0.9
	24	16	2.7	1.7	0.8	2.8	1.9	1.0	2.8	1.9	1.0	2.2	1.6	0.9	2.1	1.5	0.8	2.0	1.4	0.8
		19	3.1	1.7	0.9	3.2	1.8	1.0	3.1	1.8	1.1	2.6	1.5	0.9	2.4	1.4	0.9	2.2	1.4	0.9
		23	3.0	0.8	0.9	3.1	0.9	1.1	3.1	0.9	1.2	2.5	0.7	1.0	2.3	0.7	0.9	2.2	0.6	0.9
	27	16	2.8	2.2	0.9	2.9	2.4	1.0	2.9	2.3	1.1	2.3	1.9	0.9	2.2	1.9	0.9	2.1	1.8	0.9
		19	3.2	2.2	0.9	3.3	2.3	1.1	3.2	2.3	1.2	2.6	1.9	0.9	2.4	1.8	0.9	2.3	1.8	0.9
		23	3.3	1.5	0.9	3.5	1.6	1.1	3.4	1.6	1.2	2.8	1.3	1.0	2.6	1.3	0.9	2.4	1.2	0.9
	29	19	3.2	2.3	0.9	3.3	2.5	1.1	3.3	2.5	1.2	2.7	2.1	1.0	2.5	2.0	0.9	2.3	1.9	0.9
		16	3.0	2.4	0.9	3.1	2.6	1.0	3.0	2.6	1.1	2.5	2.2	0.9	2.3	2.1	0.9	2.2	1.9	0.9
		19	3.3	2.5	0.9	3.4	2.7	1.1	3.3	2.7	1.2	2.7	2.2	1.0	2.5	2.1	0.9	2.3	2.0	0.9
	30	23	3.4	2.0	0.9	3.5	2.2	1.1	3.4	2.2	1.2	2.8	1.8	1.0	2.6	1.7	0.9	2.5	1.6	0.9
		16	3.1	2.6	0.9	3.2	2.9	1.1	3.2	2.8	1.1	2.6	2.3	0.9	2.4	2.2	0.9	2.3	2.0	0.9
		19	3.3	2.8	0.9	3.5	3.0	1.1	3.4	3.0	1.2	2.8	2.5	1.0	2.6	2.3	0.9	2.4	2.1	0.9
32	23	3.7	2.7	0.9	3.8	2.9	1.1	3.7	2.9	1.2	3.1	2.4	1.0	2.9	2.3	0.9	2.7	2.2	1.0	
	18	9	2.2	1.2	0.7	2.2	1.3	0.8	2.2	1.3	0.9	1.8	1.1	0.7	1.7	1.1	0.7	1.6	1.0	0.7
	12	2.2	0.8	0.7	2.3	0.9	0.8	2.3	0.9	0.9	1.8	0.7	0.7	1.7	0.7	0.7	1.6	0.7	0.7	
756	18	15	2.7	0.8	0.8	2.8	0.9	0.9	2.7	0.9	1.0	2.2	0.7	0.8	2.1	0.7	0.8	1.9	0.7	0.8
		12	2.7	1.9	0.8	2.8	2.0	1.0	2.7	2.0	1.0	2.2	1.7	0.9	2.1	1.6	0.8	1.9	1.5	0.8
		15	2.7	1.5	0.8	2.8	1.7	1.0	2.8	1.6	1.1	2.3	1.4	0.9	2.1	1.3	0.8	2.0	1.2	0.8
	21	19	3.2	1.2	0.9	3.3	1.3	1.0	3.2	1.3	1.1	2.6	1.1	0.9	2.5	1.0	0.9	2.3	1.0	0.9
		16	2.9	1.9	0.8	3.0	2.1	1.0	2.9	2.1	1.1	2.4	1.7	0.9	2.2	1.6	0.8	2.1	1.6	0.8
		19	3.3	1.9	0.9	3.4	2.0	1.1	3.3	2.0	1.2	2.7	1.7	1.0	2.5	1.6	0.9	2.4	1.5	0.9
	24	23	3.2	0.9	0.9	3.3	1.0	1.1	3.2	0.9	1.2	2.6	0.8	1.0	2.5	0.8	0.9	2.3	0.7	1.0
		16	3.0	2.4	0.9	3.1	2.6	1.0	3.0	2.6	1.1	2.5	2.1	0.9	2.3	2.1	0.9	2.2	2.0	0.9
		19	3.3	2.4	0.9	3.4	2.6	1.1	3.4	2.6	1.2	2.7	2.1	1.0	2.6	2.0	0.9	2.4	1.9	0.9
	27	23	3.5	1.6	0.9	3.6	1.8	1.1	3.6	1.7	1.2	2.9	1.4	1.0	2.7	1.4	0.9	2.5	1.3	0.9
		19	3.4	2.6	0.9	3.5	2.8	1.1	3.4	2.7	1.2	2.8	2.3	1.0	2.6	2.2	0.9	2.4	2.1	0.9
		16	3.2	2.7	0.9	3.3	2.9	1.0	3.2	2.9	1.1	2.6	2.4	0.9	2.4	2.3	0.9	2.3	2.1	0.9
	30	19	3.4	2.7	0.9	3.5	3.0	1.1	3.5	2.9	1.2	2.8	2.4	1.0	2.6	2.3	0.9	2.5	2.2	0.9
		23	3.6	2.2	0.9	3.7	2.4	1.1	3.6	2.4	1.2	3.0	2.0	1.0	2.8	1.9	0.9	2.6	1.8	1.0
		16	3.3	2.9	0.9	3.4	3.1	1.1	3.3	3.1	1.2	2.7	2.5	1.0	2.6	2.4	0.9	2.4	2.2	0.9
	32	19	3.5	3.1	0.9	3.6	3.3	1.1	3.6	3.3	1.2	2.9	2.7	1.0	2.7	2.5	0.9	2.5	2.4	0.9
		23	3.7	2.8	0.9	3.8	3.1	1.1	3.7	3.0	1.2	3.1	2.5	1.0	2.9	2.4	0.9	2.7	2.3	1.0
		9	2.2	1.4	0.7	2.3	1.5	0.8	2.2	1.5	0.9	1.8	1.2	0.7	1.7	1.2	0.7	1.6	1.1	0.7
840	18	12	2.3	0.9	0.7	2.4	1.0	0.8	2.3	0.9	0.9	1.9	0.8	0.7	1.8	0.8	0.7	1.6	0.7	0.7
		15	2.7	0.9	0.8	2.8	1.0	0.9	2.8	1.0	1.0	2.3	0.8	0.8	2.1	0.8	0.8	2.0	0.7	0.8
		12	2.7	2.1	0.8	2.8	2.2	1.0	2.8	2.2	1.0	2.3	1.8	0.9	2.1	1.8	0.8	2.0	1.7	0.8
	21	15	2.8	1.7	0.8	2.9	1.8	1.0	2.8	1.8	1.1	2.3	1.5	0.9	2.2	1.4	0.8	2.0	1.4	0.9
		19	3.3	1.3	0.9	3.4	1.4	1.1	3.3	1.4	1.2	2.7	1.2	0.9	2.5	1.1	0.9	2.4	1.1	0.9
		16	2.9	2.1	0.8	3.0	2.3	1.0	3.0	2.3	1.1	2.4	1.9	0.9	2.3	1.8	0.8	2.1	1.7	0.9
	24	19	3.3	2.0	0.9	3.4	2.2	1.1	3.4	2.2	1.2	2.7	1.8	1.0	2.6	1.8	0.9	2.4	1.7	0.9
		23	3.3	1.0	0.9	3.4	1.0	1.1	3.3	1.0	1.2	2.7	0.9	1.0	2.5	0.8	0.9	2.4	0.8	1.0
		16	3.1	2.6	0.9	3.2	2.9	1.0	3.1	2.8	1.1	2.5	2.4	0.9	2.4	2.3	0.9	2.2	2.1	0.9
	27	19	3.4	2.6	0.9	3.5	2.8	1.1	3.4	2.8	1.2	2.8	2.3	1.0	2.6	2.2	0.9	2.5	2.1	0.9
		23	3.6	1.8	0.9	3.7	1.9	1.1	3.6	1.9	1.2	3.0	1.6	1.0	2.8	1.5	0.9	2.6	1.4	1.0
		19	3.5	2.8	0.9	3.6	3.0	1.1	3.5	3.0	1.2	2.9	2.5	1.0	2.7	2.4	0.9	2.5	2.3	0.9
	29	16	3.2	2.9	0.9	3.3	3.2	1.1	3.3	3.2	1.2	2.7	2.6	0.9	2.5	2.5	0.9	2.3	2.3	0.9
		19	3.5	3.0	0.9	3.6	3.2	1.1	3.5	3.2	1.2	2.9	2.7	1.0	2.7	2.6	0.9	2.5	2.4	0.9
		23	3.7	2.4	0.9	3.8	2.7	1.1	3.7	2.6	1.2	3.0	2.2	1.0	2.8	2.1	0.9	2.6	2.0	1.0
	30	16	3.4	3.2	0.9	3.5	3.5	1.1	3.4	3.4	1.2	2.8	2.8	1.0	2.6	2.6	0.9	2.4	2.4	0.9
		19	3.6	3.4	0.9	3.7	3.6	1.1	3.6	3.6	1.2	3.0	3.0	1.0	2.8	2.8	0.9	2.6	2.6	1.0
		23	3.7	3.0	0.9	3.8	3.3	1.1	3.7	3.3	1.2	3.1	2.7	1.0	2.9	2.6	0.9	2.7	2.5	1.0

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AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			30			35			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
924	18	9	2.2	1.0	0.7	2.3	1.5	0.8	2.3	1.1	0.9	1.9	0.9	0.7	1.7	0.8	0.7	1.6	0.8	0.7
		12	2.3	0.6	0.7	2.4	1.0	0.8	2.4	0.7	0.9	1.9	0.6	0.8	1.8	0.6	0.7	1.7	0.5	0.7
		15	2.8	0.7	0.8	2.9	1.0	0.9	2.8	0.7	1.0	2.3	0.6	0.8	2.2	0.6	0.8	2.0	0.5	0.8
	21	12	2.8	1.5	0.8	2.9	2.3	1.0	2.8	1.6	1.1	2.3	1.3	0.9	2.2	1.3	0.8	2.0	1.2	0.8
		15	2.9	1.2	0.8	2.9	1.9	1.0	2.9	1.3	1.1	2.4	1.1	0.9	2.2	1.1	0.8	2.1	1.0	0.9
		19	3.3	1.0	0.9	3.4	1.5	1.1	3.4	1.0	1.2	2.7	0.9	1.0	2.6	0.8	0.9	2.4	0.8	0.9
	24	16	3.0	1.5	0.8	3.1	2.4	1.0	3.0	1.7	1.1	2.5	1.4	0.9	2.3	1.3	0.8	2.2	1.3	0.9
		19	3.4	1.5	0.9	3.5	2.3	1.1	3.4	1.6	1.2	2.8	1.3	1.0	2.6	1.3	0.9	2.4	1.2	0.9
		23	3.3	0.7	1.0	3.4	1.1	1.1	3.4	0.8	1.2	2.7	0.6	1.0	2.6	0.6	1.0	2.4	0.6	1.0
	27	16	3.1	1.9	0.9	3.2	3.0	1.1	3.1	2.1	1.2	2.6	1.7	0.9	2.4	1.7	0.9	2.2	1.6	0.9
		19	3.5	1.9	0.9	3.6	3.0	1.1	3.5	2.1	1.2	2.9	1.7	1.0	2.7	1.6	0.9	2.5	1.6	0.9
		23	3.7	1.3	0.9	3.8	2.0	1.1	3.7	1.4	1.2	3.0	1.2	1.0	2.8	1.1	0.9	2.6	1.1	1.0
	29	19	3.5	2.1	0.9	3.6	3.2	1.1	3.6	2.2	1.2	2.9	1.8	1.0	2.7	1.8	0.9	2.5	1.7	1.0
		16	3.3	2.2	0.9	3.4	3.4	1.1	3.3	2.3	1.2	2.7	1.9	1.0	2.5	1.8	0.9	2.4	1.7	0.9
		19	3.6	2.2	0.9	3.7	3.4	1.1	3.6	2.4	1.2	2.9	2.0	1.0	2.8	1.9	0.9	2.6	1.8	1.0
	30	23	3.7	1.8	1.0	3.9	2.8	1.1	3.8	1.9	1.2	3.1	1.6	1.0	2.9	1.5	1.0	2.7	1.5	1.0
		16	3.5	2.3	0.9	3.6	3.6	1.1	3.5	2.5	1.2	2.8	2.0	1.0	2.7	1.9	0.9	2.5	1.8	0.9
		19	3.7	2.5	0.9	3.8	3.8	1.1	3.7	2.6	1.2	3.0	2.2	1.0	2.8	2.0	0.9	2.6	1.9	1.0
32	19	3.7	2.2	0.9	3.8	3.4	1.1	3.7	2.3	1.2	3.1	2.0	1.0	2.9	1.9	0.9	2.7	1.8	1.0	
	23	3.7	2.2	0.9	3.8	3.4	1.1	3.7	2.3	1.2	3.1	2.0	1.0	2.9	1.9	0.9	2.7	1.8	1.0	
	23	3.7	2.2	0.9	3.8	3.4	1.1	3.7	2.3	1.2	3.1	2.0	1.0	2.9	1.9	0.9	2.7	1.8	1.0	
1008	18	9	2.3	0.7	0.7	2.3	1.6	0.8	2.3	0.8	0.9	1.9	0.6	0.7	1.8	0.6	0.7	1.6	0.6	0.7
		12	2.4	0.5	0.7	2.4	1.0	0.8	2.4	0.5	0.9	1.9	0.4	0.8	1.8	0.4	0.7	1.7	0.4	0.7
		15	2.8	0.5	0.8	2.9	1.0	0.9	2.9	0.5	1.0	2.3	0.4	0.8	2.2	0.4	0.8	2.0	0.4	0.8
	21	12	2.8	1.1	0.8	2.9	2.4	1.0	2.8	1.2	1.1	2.3	1.0	0.9	2.2	0.9	0.8	2.0	0.9	0.9
		15	2.9	0.9	0.9	3.0	1.9	1.0	2.9	1.0	1.1	2.4	0.8	0.9	2.2	0.8	0.9	2.1	0.7	0.9
		19	3.4	0.7	0.9	3.5	1.5	1.1	3.4	0.8	1.2	2.8	0.6	1.0	2.6	0.6	0.9	2.4	0.6	0.9
	24	16	3.0	1.1	0.9	3.1	2.4	1.0	3.0	1.2	1.1	2.5	1.0	0.9	2.3	1.0	0.9	2.2	0.9	0.9
		19	3.4	1.1	0.9	3.5	2.4	1.1	3.5	1.2	1.2	2.8	1.0	1.0	2.6	0.9	0.9	2.5	0.9	0.9
		23	3.4	0.5	1.0	3.5	1.1	1.1	3.4	0.6	1.2	2.8	0.5	1.0	2.6	0.4	1.0	2.4	0.4	1.0
	27	16	3.1	1.4	0.9	3.2	3.0	1.1	3.2	1.5	1.2	2.6	1.3	1.0	2.4	1.2	0.9	2.3	1.1	0.9
		19	3.5	1.4	0.9	3.6	3.0	1.1	3.5	1.5	1.2	2.9	1.2	1.0	2.7	1.2	0.9	2.5	1.1	1.0
		23	3.7	0.9	1.0	3.8	2.0	1.1	3.7	1.0	1.2	3.1	0.8	1.0	2.9	0.8	1.0	2.7	0.8	1.0
	29	19	3.6	1.5	0.9	3.7	3.2	1.1	3.6	1.6	1.2	2.9	1.3	1.0	2.8	1.3	0.9	2.6	1.2	1.0
		16	3.3	1.6	0.9	3.4	3.4	1.1	3.3	1.7	1.2	2.7	1.4	1.0	2.6	1.3	0.9	2.4	1.2	0.9
		19	3.6	1.6	0.9	3.7	3.4	1.1	3.6	1.7	1.2	3.0	1.4	1.0	2.8	1.4	0.9	2.6	1.3	1.0
	30	23	3.8	1.3	1.0	3.9	2.8	1.1	3.8	1.4	1.2	3.1	1.2	1.0	2.9	1.1	1.0	2.7	1.1	1.0
		16	3.5	1.7	0.9	3.6	3.7	1.1	3.5	1.8	1.2	2.9	1.5	1.0	2.7	1.4	0.9	2.5	1.3	1.0
		19	3.7	1.8	1.0	3.8	3.9	1.1	3.7	1.9	1.2	3.1	1.6	1.0	2.9	1.5	1.0	2.7	1.4	1.0
32	23	3.7	1.6	0.9	3.8	3.4	1.1	3.7	1.7	1.2	3.1	1.4	1.0	2.9	1.3	0.9	2.7	1.3	1.0	
	23	3.7	1.6	0.9	3.8	3.4	1.1	3.7	1.7	1.2	3.1	1.4	1.0	2.9	1.3	0.9	2.7	1.3	1.0	
	23	3.7	1.6	0.9	3.8	3.4	1.1	3.7	1.7	1.2	3.1	1.4	1.0	2.9	1.3	0.9	2.7	1.3	1.0	

Outdoor Unit:GUHD18K3C1O Indoor Unit:GFH18K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)														
			-15			-10			-7			-5			0		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
800	18	9	2.1	0.9	0.7	2.1	0.9	0.7	2.2	0.9	0.7	2.2	1.0	0.7	2.2	1.0	0.7
		12	2.2	0.6	0.7	2.2	0.6	0.7	2.3	0.6	0.7	2.3	0.6	0.7	2.3	0.6	0.7
		15	2.6	0.6	0.8	2.7	0.6	0.8	2.7	0.6	0.8	2.8	0.6	0.8	2.8	0.7	0.8
	21	12	2.6	1.3	0.8	2.7	1.4	0.8	2.7	1.4	0.8	2.7	1.4	0.8	2.8	1.5	0.9
		15	2.7	1.1	0.8	2.7	1.1	0.8	2.8	1.2	0.8	2.8	1.2	0.9	2.8	1.2	0.9
		19	3.1	0.9	0.9	3.2	0.9	0.9	3.2	0.9	0.9	3.3	0.9	0.9	3.3	1.0	0.9
	24	16	2.8	1.4	0.8	2.8	1.4	0.8	2.9	1.4	0.8	2.9	1.5	0.9	3.0	1.5	0.9
		19	3.2	1.3	0.9	3.2	1.4	0.9	3.3	1.4	0.9	3.3	1.4	0.9	3.4	1.5	0.9
		23	3.1	0.6	0.9	3.2	0.6	0.9	3.2	0.7	0.9	3.3	0.7	1.0	3.3	0.7	1.0
	27	16	2.9	1.7	0.9	3.0	1.8	0.9	3.0	1.8	0.9	3.1	1.9	0.9	3.1	1.9	0.9
		19	3.3	1.7	0.9	3.3	1.7	0.9	3.4	1.8	0.9	3.4	1.8	0.9	3.5	1.9	1.0
		23	3.4	1.1	0.9	3.5	1.2	0.9	3.6	1.2	0.9	3.6	1.2	1.0	3.7	1.3	1.0
29	19	3.3	1.8	0.9	3.4	1.9	0.9	3.4	1.9	0.9	3.5	2.0	0.9	3.5	2.0	1.0	
	30	16	3.1	1.9	0.9	3.1	2.0	0.9	3.2	2.0	0.9	3.2	2.1	0.9	3.3	2.1	0.9
		19	3.4	1.9	0.9	3.4	2.0	0.9	3.5	2.0	0.9	3.5	2.1	0.9	3.6	2.2	1.0
23		3.5	1.6	0.9	3.6	1.6	0.9	3.6	1.7	0.9	3.7	1.7	1.0	3.7	1.8	1.0	
32	16	3.2	2.1	0.9	3.3	2.1	0.9	3.3	2.2	0.9	3.4	2.2	0.9	3.4	2.3	1.0	
	19	3.4	2.2	0.9	3.5	2.2	0.9	3.6	2.3	0.9	3.6	2.4	1.0	3.7	2.4	1.0	
	23	3.8	2.1	0.9	3.9	2.2	1.0	3.9	2.2	1.0	4.0	2.3	1.0	4.1	2.4	1.0	
900	18	9	2.2	1.0	0.7	2.3	1.0	0.7	2.3	1.0	0.7	2.3	1.0	0.7	2.4	1.1	0.7
		12	2.3	0.6	0.7	2.3	0.6	0.7	2.4	0.7	0.7	2.4	0.7	0.7	2.4	0.7	0.7
		15	2.8	0.6	0.8	2.8	0.7	0.8	2.9	0.7	0.8	2.9	0.7	0.8	2.9	0.7	0.8
	21	12	2.8	1.5	0.8	2.8	1.5	0.8	2.8	1.5	0.8	2.9	1.6	0.8	2.9	1.6	0.9
		15	2.8	1.2	0.8	2.9	1.2	0.8	2.9	1.3	0.8	3.0	1.3	0.9	3.0	1.3	0.9
		19	3.3	0.9	0.9	3.3	1.0	0.9	3.4	1.0	0.9	3.4	1.0	0.9	3.5	1.1	0.9
	24	16	3.0	1.5	0.8	3.0	1.5	0.8	3.0	1.6	0.8	3.1	1.6	0.9	3.1	1.7	0.9
		19	3.4	1.5	0.9	3.4	1.5	0.9	3.5	1.5	0.9	3.5	1.6	0.9	3.6	1.6	1.0
		23	3.3	0.7	0.9	3.3	0.7	0.9	3.4	0.7	1.0	3.4	0.7	1.0	3.5	0.8	1.0
	27	16	3.1	1.9	0.9	3.1	1.9	0.9	3.2	2.0	0.9	3.2	2.0	0.9	3.3	2.1	0.9
		19	3.4	1.9	0.9	3.5	1.9	0.9	3.5	2.0	0.9	3.6	2.0	0.9	3.6	2.1	1.0
		23	3.6	1.3	0.9	3.7	1.3	0.9	3.7	1.3	0.9	3.8	1.4	1.0	3.9	1.4	1.0
29	19	3.5	2.0	0.9	3.5	2.0	0.9	3.6	2.1	0.9	3.7	2.2	1.0	3.7	2.2	1.0	
	30	16	3.2	2.1	0.9	3.3	2.2	0.9	3.3	2.2	0.9	3.4	2.3	0.9	3.4	2.3	0.9
		19	3.5	2.1	0.9	3.6	2.2	0.9	3.6	2.3	0.9	3.7	2.3	1.0	3.7	2.4	1.0
23		3.7	1.7	0.9	3.8	1.8	0.9	3.8	1.8	1.0	3.9	1.9	1.0	3.9	1.9	1.0	
32	16	3.4	2.3	0.9	3.5	2.3	0.9	3.5	2.4	0.9	3.6	2.5	0.9	3.6	2.5	1.0	
	19	3.6	2.4	0.9	3.7	2.5	0.9	3.7	2.5	0.9	3.8	2.6	1.0	3.9	2.7	1.0	
	23	3.8	2.2	0.9	3.9	2.3	1.0	3.9	2.3	1.0	4.0	2.4	1.0	4.1	2.5	1.0	
1000	18	9	2.3	1.1	0.7	2.3	1.1	0.7	2.3	1.1	0.7	2.4	1.2	0.7	2.4	1.2	0.7
		12	2.4	0.7	0.7	2.4	0.7	0.7	2.4	0.7	0.7	2.5	0.8	0.7	2.5	0.8	0.8
		15	2.8	0.7	0.8	2.9	0.7	0.8	2.9	0.8	0.8	3.0	0.8	0.8	3.0	0.8	0.8
	21	12	2.8	1.6	0.8	2.9	1.7	0.8	2.9	1.7	0.8	2.9	1.7	0.9	3.0	1.8	0.9
		15	2.9	1.3	0.8	2.9	1.4	0.8	3.0	1.4	0.9	3.0	1.4	0.9	3.1	1.5	0.9
		19	3.4	1.0	0.9	3.4	1.1	0.9	3.5	1.1	0.9	3.5	1.1	0.9	3.6	1.2	1.0
	24	16	3.0	1.6	0.8	3.1	1.7	0.8	3.1	1.7	0.9	3.2	1.8	0.9	3.2	1.8	0.9
		19	3.4	1.6	0.9	3.5	1.6	0.9	3.5	1.7	0.9	3.6	1.7	0.9	3.6	1.8	1.0
		23	3.4	0.8	0.9	3.4	0.8	1.0	3.5	0.8	1.0	3.5	0.8	1.0	3.6	0.8	1.0
	27	16	3.1	2.1	0.9	3.2	2.1	0.9	3.2	2.2	0.9	3.3	2.2	0.9	3.3	2.3	0.9
		19	3.5	2.0	0.9	3.6	2.1	0.9	3.6	2.2	0.9	3.7	2.2	1.0	3.7	2.3	1.0
		23	3.7	1.4	0.9	3.8	1.4	0.9	3.8	1.5	1.0	3.9	1.5	1.0	3.9	1.5	1.0
29	19	3.6	2.2	0.9	3.6	2.2	0.9	3.7	2.3	0.9	3.7	2.4	1.0	3.8	2.4	1.0	
	30	16	3.3	2.3	0.9	3.4	2.4	0.9	3.4	2.4	0.9	3.5	2.5	0.9	3.5	2.6	1.0
		19	3.6	2.3	0.9	3.7	2.4	0.9	3.7	2.5	0.9	3.8	2.5	1.0	3.8	2.6	1.0
23		3.8	1.9	0.9	3.8	2.0	1.0	3.9	2.0	1.0	4.0	2.1	1.0	4.0	2.1	1.0	
32	16	3.5	2.5	0.9	3.5	2.6	0.9	3.6	2.6	0.9	3.6	2.7	1.0	3.7	2.8	1.0	
	19	3.7	2.6	0.9	3.8	2.7	0.9	3.8	2.8	1.0	3.9	2.8	1.0	3.9	2.9	1.0	
	23	3.8	2.4	0.9	3.9	2.4	1.0	3.9	2.5	1.0	4.0	2.6	1.0	4.1	2.7	1.0	

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AFR	Indoor temperature		Outdoor temperature DB (°C)														
			-15			-10			-7			-5			0		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1100	18	9	2.3	0.8	0.7	2.3	0.8	0.7	2.4	0.8	0.7	2.4	0.8	0.7	2.5	0.9	0.7
		12	2.4	0.5	0.7	2.4	0.5	0.7	2.5	0.5	0.7	2.5	0.6	0.7	2.5	0.6	0.8
		15	2.9	0.5	0.8	2.9	0.5	0.8	3.0	0.6	0.8	3.0	0.6	0.8	3.1	0.6	0.8
	21	12	2.9	1.2	0.8	2.9	1.2	0.8	3.0	1.2	0.8	3.0	1.3	0.9	3.1	1.3	0.9
		15	2.9	1.0	0.8	3.0	1.0	0.9	3.0	1.0	0.9	3.1	1.0	0.9	3.1	1.1	0.9
		19	3.4	0.8	0.9	3.5	0.8	0.9	3.5	0.8	0.9	3.6	0.8	0.9	3.6	0.9	1.0
	24	16	3.1	1.2	0.8	3.1	1.2	0.8	3.2	1.3	0.9	3.2	1.3	0.9	3.3	1.4	0.9
		19	3.5	1.2	0.9	3.5	1.2	0.9	3.6	1.2	0.9	3.7	1.3	1.0	3.7	1.3	1.0
		23	3.4	0.6	0.9	3.5	0.6	1.0	3.5	0.6	1.0	3.6	0.6	1.0	3.6	0.6	1.0
	27	16	3.2	1.5	0.9	3.3	1.6	0.9	3.3	1.6	0.9	3.4	1.6	0.9	3.4	1.7	1.0
		19	3.6	1.5	0.9	3.6	1.5	0.9	3.7	1.6	0.9	3.7	1.6	1.0	3.8	1.7	1.0
		23	3.8	1.0	0.9	3.8	1.0	1.0	3.9	1.1	1.0	4.0	1.1	1.0	4.0	1.1	1.0
	29	19	3.6	1.6	0.9	3.7	1.7	0.9	3.7	1.7	1.0	3.8	1.7	1.0	3.9	1.8	1.0
		16	3.4	1.7	0.9	3.4	1.7	0.9	3.5	1.8	0.9	3.5	1.8	0.9	3.6	1.9	1.0
		19	3.7	1.7	0.9	3.7	1.8	0.9	3.8	1.8	1.0	3.8	1.9	1.0	3.9	1.9	1.0
	30	23	3.9	1.4	0.9	3.9	1.4	1.0	4.0	1.5	1.0	4.0	1.5	1.0	4.1	1.6	1.0
		16	3.6	1.8	0.9	3.6	1.9	0.9	3.7	1.9	0.9	3.7	2.0	1.0	3.8	2.0	1.0
		19	3.8	1.9	0.9	3.8	2.0	1.0	3.9	2.0	1.0	4.0	2.1	1.0	4.0	2.2	1.0
32	23	3.8	1.7	0.9	3.9	1.8	1.0	3.9	1.8	1.0	4.0	1.9	1.0	4.1	1.9	1.0	
	18	9	2.3	0.6	0.7	2.4	0.6	0.7	2.4	0.6	0.7	2.4	0.6	0.7	2.5	0.6	0.7
	12	2.4	0.4	0.7	2.5	0.4	0.7	2.5	0.4	0.7	2.5	0.4	0.8	2.6	0.4	0.8	
1200	18	15	2.9	0.4	0.8	3.0	0.4	0.8	3.0	0.4	0.8	3.1	0.4	0.8	3.1	0.4	0.8
		12	2.9	0.9	0.8	2.9	0.9	0.8	3.0	0.9	0.9	3.0	0.9	0.9	3.1	1.0	0.9
		15	3.0	0.7	0.8	3.0	0.7	0.9	3.1	0.7	0.9	3.1	0.8	0.9	3.2	0.8	0.9
	21	19	3.5	0.6	0.9	3.5	0.6	0.9	3.6	0.6	0.9	3.6	0.6	1.0	3.7	0.6	1.0
		16	3.1	0.9	0.8	3.2	0.9	0.9	3.2	0.9	0.9	3.2	1.0	0.9	3.3	1.0	0.9
		19	3.5	0.9	0.9	3.6	0.9	0.9	3.6	0.9	0.9	3.7	0.9	1.0	3.7	1.0	1.0
	24	23	3.5	0.4	1.0	3.5	0.4	1.0	3.6	0.4	1.0	3.6	0.4	1.0	3.7	0.4	1.0
		16	3.2	1.1	0.9	3.3	1.1	0.9	3.3	1.2	0.9	3.4	1.2	0.9	3.4	1.2	1.0
		19	3.6	1.1	0.9	3.7	1.1	0.9	3.7	1.2	1.0	3.8	1.2	1.0	3.8	1.2	1.0
	27	23	3.8	0.7	0.9	3.9	0.8	1.0	3.9	0.8	1.0	4.0	0.8	1.0	4.1	0.8	1.0
		19	3.7	1.2	0.9	3.7	1.2	1.0	3.8	1.2	1.0	3.8	1.3	1.0	3.9	1.3	1.0
		16	3.4	1.2	0.9	3.5	1.3	0.9	3.5	1.3	0.9	3.6	1.3	1.0	3.6	1.4	1.0
	30	19	3.7	1.2	0.9	3.8	1.3	1.0	3.8	1.3	1.0	3.9	1.4	1.0	3.9	1.4	1.0
		23	3.9	1.0	1.0	4.0	1.0	1.0	4.0	1.1	1.0	4.1	1.1	1.0	4.1	1.1	1.0
		16	3.6	1.3	0.9	3.6	1.4	0.9	3.7	1.4	1.0	3.8	1.4	1.0	3.8	1.5	1.0
	32	19	3.8	1.4	0.9	3.9	1.4	1.0	3.9	1.5	1.0	4.0	1.5	1.0	4.1	1.6	1.0
		23	3.8	1.2	0.9	3.9	1.3	1.0	3.9	1.3	1.0	4.0	1.3	1.0	4.1	1.4	1.0

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			5			10			15			18			21			25		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
800	18	9	2.3	1.0	0.7	2.3	1.0	0.7	2.3	1.1	0.7	2.4	1.1	0.8	2.6	1.3	0.8	3.0	1.5	0.9
		12	2.4	0.7	0.8	2.4	0.7	0.8	2.4	0.7	0.8	2.5	0.7	0.8	2.7	0.8	0.9	3.1	1.0	0.9
		15	2.8	0.7	0.8	2.9	0.7	0.8	2.9	0.7	0.9	3.0	0.7	0.9	3.2	0.8	1.0	3.7	1.0	1.0
	21	12	2.8	1.5	0.9	2.9	1.6	0.9	2.9	1.6	0.9	3.0	1.7	0.9	3.2	1.9	1.0	3.7	2.3	1.1
		15	2.9	1.2	0.9	2.9	1.3	0.9	3.0	1.3	0.9	3.1	1.4	1.0	3.3	1.6	1.0	3.8	1.9	1.1
		19	3.4	1.0	1.0	3.4	1.0	1.0	3.5	1.0	1.0	3.5	1.1	1.0	3.8	1.2	1.1	4.4	1.5	1.2
	24	16	3.0	1.6	0.9	3.1	1.6	0.9	3.1	1.7	0.9	3.2	1.7	1.0	3.4	2.0	1.0	4.0	2.4	1.1
		19	3.4	1.5	1.0	3.5	1.6	1.0	3.5	1.6	1.0	3.6	1.7	1.0	3.9	1.9	1.1	4.5	2.3	1.2
		23	3.4	0.7	1.0	3.4	0.7	1.0	3.5	0.8	1.0	3.6	0.8	1.1	3.8	0.9	1.2	4.4	1.1	1.2
	27	16	3.1	2.0	0.9	3.2	2.0	1.0	3.2	2.1	1.0	3.3	2.1	1.0	3.5	2.4	1.1	4.1	3.0	1.2
		19	3.5	1.9	1.0	3.5	2.0	1.0	3.6	2.0	1.0	3.7	2.1	1.1	3.9	2.4	1.1	4.6	3.0	1.2
		23	3.7	1.3	1.0	3.8	1.4	1.0	3.8	1.4	1.0	3.9	1.4	1.1	4.2	1.6	1.2	4.9	2.0	1.2
	29	19	3.6	2.1	1.0	3.6	2.1	1.0	3.7	2.2	1.0	3.8	2.3	1.1	4.0	2.6	1.1	4.7	3.2	1.2
		16	3.3	2.2	1.0	3.4	2.2	1.0	3.4	2.3	1.0	3.5	2.4	1.0	3.7	2.7	1.1	4.3	3.3	1.2
		19	3.6	2.2	1.0	3.7	2.3	1.0	3.7	2.3	1.0	3.8	2.4	1.1	4.1	2.8	1.1	4.7	3.4	1.2
30	23	3.8	1.8	1.0	3.8	1.9	1.0	3.9	1.9	1.0	4.0	2.0	1.1	4.3	2.3	1.2	5.0	2.8	1.2	
	16	3.5	2.4	1.0	3.5	2.4	1.0	3.6	2.5	1.0	3.7	2.6	1.1	3.9	2.9	1.1	4.6	3.6	1.2	
	19	3.7	2.5	1.0	3.8	2.6	1.0	3.8	2.6	1.0	3.9	2.7	1.1	4.2	3.1	1.2	4.9	3.8	1.2	
32	23	4.1	2.4	1.0	4.2	2.5	1.0	4.2	2.6	1.1	4.3	2.7	1.1	4.6	3.0	1.2	5.4	3.7	1.3	
	18	9	2.4	1.1	0.7	2.4	1.1	0.7	2.5	1.2	0.7	2.5	1.2	0.8	2.7	1.4	0.8	3.1	1.7	0.9
	12	2.5	0.7	0.8	2.5	0.7	0.8	2.5	0.8	0.8	2.6	0.8	0.8	2.8	0.9	0.9	3.2	1.1	0.9	
900	18	15	3.0	0.7	0.8	3.0	0.8	0.8	3.1	0.8	0.9	3.2	0.8	0.9	3.4	0.9	1.0	3.9	1.1	1.0
		12	3.0	1.7	0.9	3.0	1.7	0.9	3.1	1.8	0.9	3.1	1.8	0.9	3.4	2.1	1.0	3.9	2.6	1.1
		15	3.0	1.4	0.9	3.1	1.4	0.9	3.1	1.5	0.9	3.2	1.5	1.0	3.4	1.7	1.0	4.0	2.1	1.1
	21	19	3.5	1.1	1.0	3.6	1.1	1.0	3.6	1.1	1.0	3.7	1.2	1.0	4.0	1.4	1.1	4.6	1.7	1.2
		16	3.2	1.7	0.9	3.2	1.8	0.9	3.3	1.8	0.9	3.4	1.9	1.0	3.6	2.1	1.0	4.2	2.6	1.1
		19	3.6	1.7	1.0	3.7	1.7	1.0	3.7	1.8	1.0	3.8	1.8	1.1	4.1	2.1	1.1	4.7	2.6	1.2
	24	23	3.5	0.8	1.0	3.6	0.8	1.0	3.6	0.8	1.0	3.7	0.9	1.1	4.0	1.0	1.2	4.6	1.2	1.3
		16	3.3	2.2	1.0	3.4	2.2	1.0	3.4	2.3	1.0	3.5	2.4	1.0	3.7	2.7	1.1	4.3	3.3	1.2
		19	3.7	2.1	1.0	3.7	2.2	1.0	3.8	2.3	1.0	3.9	2.3	1.1	4.2	2.7	1.1	4.8	3.3	1.2
	27	23	3.9	1.5	1.0	4.0	1.5	1.0	4.0	1.5	1.0	4.1	1.6	1.1	4.4	1.8	1.2	5.1	2.2	1.2
		19	3.8	2.3	1.0	3.8	2.4	1.0	3.9	2.4	1.0	4.0	2.5	1.1	4.2	2.8	1.2	4.9	3.5	1.2
		16	3.5	2.4	1.0	3.5	2.5	1.0	3.6	2.5	1.0	3.7	2.6	1.0	3.9	3.0	1.1	4.6	3.7	1.2
	30	19	3.8	2.4	1.0	3.9	2.5	1.0	3.9	2.6	1.0	4.0	2.7	1.1	4.3	3.0	1.2	5.0	3.7	1.2
		23	4.0	2.0	1.0	4.0	2.1	1.0	4.1	2.1	1.0	4.2	2.2	1.1	4.5	2.5	1.2	5.2	3.1	1.3
		16	3.7	2.6	1.0	3.7	2.7	1.0	3.8	2.7	1.0	3.9	2.9	1.1	4.1	3.2	1.1	4.8	4.0	1.2
32	19	3.9	2.7	1.0	4.0	2.8	1.0	4.0	2.9	1.0	4.1	3.0	1.1	4.4	3.4	1.2	5.1	4.2	1.2	
	23	4.1	2.5	1.0	4.2	2.6	1.0	4.2	2.7	1.1	4.3	2.8	1.1	4.6	3.2	1.2	5.4	3.9	1.3	
	18	9	2.4	1.2	0.7	2.5	1.2	0.7	2.5	1.3	0.8	2.6	1.3	0.8	2.7	1.5	0.9	3.2	1.9	0.9
1000	18	12	2.5	0.8	0.8	2.6	0.8	0.8	2.6	0.8	0.8	2.7	0.9	0.8	2.9	1.0	0.9	3.3	1.2	1.0
		15	3.0	0.8	0.8	3.1	0.8	0.9	3.1	0.9	0.9	3.2	0.9	0.9	3.4	1.0	1.0	4.0	1.3	1.1
		12	3.0	1.8	0.9	3.1	1.9	0.9	3.1	1.9	0.9	3.2	2.0	1.0	3.4	2.3	1.0	4.0	2.8	1.1
	21	15	3.1	1.5	0.9	3.2	1.6	0.9	3.2	1.6	0.9	3.3	1.7	1.0	3.5	1.9	1.1	4.1	2.3	1.1
		19	3.6	1.2	1.0	3.7	1.2	1.0	3.7	1.3	1.0	3.8	1.3	1.1	4.1	1.5	1.1	4.7	1.8	1.2
		16	3.2	1.9	0.9	3.3	1.9	0.9	3.3	2.0	0.9	3.4	2.1	1.0	3.7	2.4	1.1	4.3	2.9	1.1
	24	19	3.7	1.8	1.0	3.7	1.9	1.0	3.8	1.9	1.0	3.9	2.0	1.1	4.2	2.3	1.1	4.8	2.8	1.2
		23	3.6	0.9	1.0	3.7	0.9	1.0	3.7	0.9	1.1	3.8	0.9	1.1	4.1	1.1	1.2	4.7	1.3	1.3
		16	3.4	2.4	1.0	3.4	2.4	1.0	3.5	2.5	1.0	3.6	2.6	1.0	3.8	2.9	1.1	4.4	3.6	1.2
	27	19	3.8	2.3	1.0	3.8	2.4	1.0	3.9	2.5	1.0	4.0	2.6	1.1	4.2	2.9	1.2	4.9	3.6	1.2
		23	4.0	1.6	1.0	4.0	1.6	1.0	4.1	1.7	1.0	4.2	1.7	1.1	4.5	2.0	1.2	5.2	2.4	1.3
		19	3.8	2.5	1.0	3.9	2.6	1.0	3.9	2.7	1.0	4.1	2.8	1.1	4.3	3.1	1.2	5.0	3.8	1.2
	29	16	3.6	2.6	1.0	3.6	2.7	1.0	3.7	2.8	1.0	3.8	2.9	1.1	4.0	3.3	1.1	4.7	4.0	1.2
		19	3.9	2.7	1.0	3.9	2.8	1.0	4.0	2.8	1.0	4.1	2.9	1.1	4.4	3.3	1.2	5.1	4.1	1.2
		23	4.1	2.2	1.0	4.1	2.3	1.0	4.2	2.3	1.1	4.3	2.4	1.1	4.6	2.7	1.2	5.3	3.4	1.3
30	16	3.7	2.9	1.0	3.8	2.9	1.0	3.9	3.0	1.0	4.0	3.1	1.1	4.2	3.6	1.2	4.9	4.4	1.2	
	19	4.0	3.0	1.0	4.0	3.1	1.0	4.1	3.2	1.0	4.2	3.3	1.1	4.5	3.7	1.2	5.2	4.6	1.3	
	23	4.1	2.7	1.0	4.2	2.8	1.0	4.2	2.9	1.1	4.3	3.0	1.1	4.6	3.4	1.2	5.4	4.2	1.3	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			5			10			15			18			21			25		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1100	18	9	2.5	0.9	0.7	2.5	0.9	0.8	2.6	0.9	0.8	2.6	1.0	0.8	2.8	1.1	0.9	3.3	1.4	0.9
		12	2.6	0.6	0.8	2.6	0.6	0.8	2.7	0.6	0.8	2.7	0.6	0.8	2.9	0.7	0.9	3.4	0.9	1.0
		15	3.1	0.6	0.8	3.2	0.6	0.9	3.2	0.6	0.9	3.3	0.7	0.9	3.5	0.7	1.0	4.1	0.9	1.1
	21	12	3.1	1.4	0.9	3.1	1.4	0.9	3.2	1.4	0.9	3.3	1.5	1.0	3.5	1.7	1.0	4.1	2.1	1.1
		15	3.2	1.1	0.9	3.2	1.1	0.9	3.3	1.2	0.9	3.3	1.2	1.0	3.6	1.4	1.1	4.2	1.7	1.1
		19	3.7	0.9	1.0	3.7	0.9	1.0	3.8	0.9	1.0	3.9	1.0	1.1	4.2	1.1	1.1	4.8	1.3	1.2
	24	16	3.3	1.4	0.9	3.4	1.4	0.9	3.4	1.5	0.9	3.5	1.5	1.0	3.7	1.7	1.1	4.3	2.1	1.1
		19	3.8	1.4	1.0	3.8	1.4	1.0	3.9	1.4	1.0	4.0	1.5	1.1	4.2	1.7	1.2	4.9	2.1	1.2
		23	3.7	0.6	1.0	3.7	0.7	1.0	3.8	0.7	1.1	3.9	0.7	1.1	4.2	0.8	1.2	4.8	1.0	1.3
	27	16	3.5	1.7	1.0	3.5	1.8	1.0	3.6	1.8	1.0	3.6	1.9	1.1	3.9	2.2	1.1	4.5	2.7	1.2
		19	3.8	1.7	1.0	3.9	1.8	1.0	3.9	1.8	1.0	4.1	1.9	1.1	4.3	2.1	1.2	5.0	2.6	1.2
		23	4.1	1.2	1.0	4.1	1.2	1.0	4.2	1.2	1.1	4.3	1.3	1.1	4.6	1.5	1.2	5.3	1.8	1.3
	29	19	3.9	1.8	1.0	4.0	1.9	1.0	4.0	1.9	1.0	4.1	2.0	1.1	4.4	2.3	1.2	5.1	2.8	1.3
		16	3.6	1.9	1.0	3.7	2.0	1.0	3.7	2.0	1.0	3.8	2.1	1.1	4.1	2.4	1.1	4.8	3.0	1.2
		19	4.0	2.0	1.0	4.0	2.0	1.0	4.1	2.1	1.0	4.2	2.2	1.1	4.5	2.5	1.2	5.2	3.0	1.3
	30	23	4.2	1.6	1.0	4.2	1.7	1.0	4.3	1.7	1.1	4.4	1.8	1.1	4.7	2.0	1.2	5.4	2.5	1.3
		16	3.8	2.1	1.0	3.9	2.2	1.0	3.9	2.2	1.0	4.0	2.3	1.1	4.3	2.6	1.2	5.0	3.2	1.2
		19	4.1	2.2	1.0	4.1	2.3	1.0	4.2	2.3	1.1	4.3	2.4	1.1	4.6	2.7	1.2	5.3	3.4	1.3
	32	23	4.1	2.0	1.0	4.2	2.0	1.0	4.2	2.1	1.1	4.3	2.2	1.1	4.6	2.4	1.2	5.4	3.0	1.3
		9	2.5	0.6	0.7	2.5	0.7	0.8	2.6	0.7	0.8	2.7	0.7	0.8	2.8	0.8	0.9	3.3	1.0	0.9
		12	2.6	0.4	0.8	2.6	0.4	0.8	2.7	0.4	0.8	2.8	0.5	0.8	2.9	0.5	0.9	3.4	0.6	1.0
1200	18	15	3.1	0.4	0.9	3.2	0.4	0.9	3.2	0.5	0.9	3.3	0.5	0.9	3.5	0.5	1.0	4.1	0.7	1.1
		12	3.1	1.0	0.9	3.2	1.0	0.9	3.2	1.0	0.9	3.3	1.1	1.0	3.5	1.2	1.1	4.1	1.5	1.1
		15	3.2	0.8	0.9	3.2	0.8	0.9	3.3	0.9	1.0	3.4	0.9	1.0	3.6	1.0	1.1	4.2	1.2	1.2
	21	19	3.7	0.6	1.0	3.8	0.7	1.0	3.8	0.7	1.0	3.9	0.7	1.1	4.2	0.8	1.2	4.9	1.0	1.2
		16	3.3	1.0	0.9	3.4	1.0	0.9	3.4	1.1	1.0	3.5	1.1	1.0	3.8	1.3	1.1	4.4	1.5	1.1
		19	3.8	1.0	1.0	3.9	1.0	1.0	3.9	1.0	1.0	4.0	1.1	1.1	4.3	1.2	1.2	5.0	1.5	1.2
	24	23	3.7	0.5	1.0	3.8	0.5	1.1	3.8	0.5	1.1	3.9	0.5	1.1	4.2	0.6	1.2	4.9	0.7	1.3
		16	3.5	1.3	1.0	3.5	1.3	1.0	3.6	1.3	1.0	3.7	1.4	1.1	3.9	1.6	1.1	4.6	1.9	1.2
		19	3.9	1.3	1.0	3.9	1.3	1.0	4.0	1.3	1.0	4.1	1.4	1.1	4.4	1.6	1.2	5.1	1.9	1.3
	27	23	4.1	0.9	1.0	4.2	0.9	1.0	4.2	0.9	1.1	4.3	0.9	1.1	4.6	1.1	1.2	5.4	1.3	1.3
		19	4.0	1.3	1.0	4.0	1.4	1.0	4.1	1.4	1.1	4.2	1.5	1.1	4.5	1.7	1.2	5.2	2.1	1.3
		16	3.7	1.4	1.0	3.7	1.4	1.0	3.8	1.5	1.0	3.9	1.5	1.1	4.1	1.8	1.2	4.8	2.2	1.2
	30	19	4.0	1.4	1.0	4.0	1.5	1.0	4.1	1.5	1.1	4.2	1.6	1.1	4.5	1.8	1.2	5.2	2.2	1.3
		23	4.2	1.2	1.0	4.3	1.2	1.1	4.3	1.2	1.1	4.4	1.3	1.1	4.7	1.5	1.2	5.5	1.8	1.3
		16	3.9	1.5	1.0	3.9	1.6	1.0	4.0	1.6	1.0	4.1	1.7	1.1	4.4	1.9	1.2	5.1	2.3	1.3
	32	19	4.1	1.6	1.0	4.2	1.7	1.0	4.2	1.7	1.1	4.3	1.8	1.1	4.6	2.0	1.2	5.4	2.5	1.3
		23	4.1	1.4	1.0	4.2	1.5	1.0	4.2	1.5	1.1	4.3	1.6	1.1	4.6	1.8	1.2	5.4	2.2	1.3

AFR	Indoor temperature		Outdoor temperature DB (°C)																		
			30			35			39			43			46			48			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
800	18	9	3.1	1.7	1.0	3.2	1.8	1.2	3.1	1.8	1.3	2.6	1.5	1.1	2.4	1.5	1.0	2.2	1.4	1.0	
		12	3.2	1.1	1.1	3.3	1.2	1.3	3.2	1.2	1.4	2.7	1.0	1.1	2.5	0.9	1.1	2.3	0.9	1.1	
		15	3.9	1.1	1.2	4.0	1.2	1.4	3.9	1.2	1.5	3.2	1.0	1.2	3.0	1.0	1.2	2.8	0.9	1.2	
	21	12	3.9	2.6	1.2	4.0	2.8	1.4	3.9	2.8	1.6	3.2	2.3	1.3	3.0	2.2	1.2	2.8	2.1	1.3	
		15	3.9	2.1	1.3	4.1	2.3	1.5	4.0	2.3	1.6	3.3	1.9	1.3	3.1	1.8	1.3	2.8	1.7	1.3	
		19	4.6	1.7	1.3	4.7	1.8	1.6	4.6	1.8	1.7	3.8	1.5	1.4	3.5	1.4	1.3	3.3	1.4	1.4	
	24	16	4.1	2.6	1.3	4.3	2.9	1.5	4.2	2.8	1.6	3.4	2.4	1.3	3.2	2.3	1.3	3.0	2.1	1.3	
		19	4.7	2.6	1.4	4.8	2.8	1.6	4.7	2.8	1.7	3.9	2.3	1.4	3.6	2.2	1.4	3.4	2.1	1.4	
		23	4.6	1.2	1.4	4.7	1.3	1.7	4.6	1.3	1.8	3.8	1.1	1.5	3.6	1.0	1.4	3.3	1.0	1.4	
	27	16	4.3	3.3	1.3	4.4	3.6	1.6	4.3	3.5	1.7	3.5	3.0	1.4	3.3	2.8	1.3	3.1	2.7	1.4	
		19	4.8	3.3	1.4	4.9	3.6	1.6	4.8	3.5	1.8	3.9	2.9	1.5	3.7	2.8	1.4	3.5	2.7	1.4	
		23	5.1	2.2	1.4	5.2	2.4	1.6	5.1	2.4	1.8	4.2	2.0	1.5	3.9	1.9	1.4	3.7	1.8	1.4	
	29	19	4.9	3.5	1.4	5.0	3.8	1.6	4.9	3.8	1.8	4.0	3.1	1.5	3.8	3.0	1.4	3.5	2.9	1.4	
		30	16	4.5	3.7	1.3	4.7	4.0	1.6	4.6	4.0	1.7	3.7	3.3	1.4	3.5	3.1	1.3	3.3	2.9	1.4
			19	4.9	3.7	1.4	5.1	4.1	1.6	5.0	4.0	1.8	4.1	3.3	1.5	3.8	3.2	1.4	3.6	3.0	1.4
	23		5.2	3.1	1.4	5.3	3.3	1.7	5.2	3.3	1.8	4.3	2.7	1.5	4.0	2.6	1.4	3.7	2.5	1.4	
	32	16	4.8	4.0	1.4	4.9	4.3	1.6	4.8	4.3	1.8	3.9	3.5	1.5	3.7	3.3	1.4	3.4	3.1	1.4	
		19	5.1	4.2	1.4	5.2	4.6	1.6	5.1	4.5	1.8	4.2	3.7	1.5	3.9	3.5	1.4	3.7	3.3	1.4	
23		5.6	4.1	1.4	5.8	4.4	1.7	5.7	4.4	1.9	4.6	3.7	1.5	4.3	3.5	1.4	4.1	3.3	1.5		
900	18	9	3.3	1.9	1.0	3.4	2.0	1.2	3.3	2.0	1.3	2.7	1.7	1.1	2.5	1.6	1.0	2.4	1.5	1.1	
		12	3.4	1.2	1.1	3.5	1.3	1.3	3.4	1.3	1.4	2.8	1.1	1.1	2.6	1.0	1.1	2.4	1.0	1.1	
		15	4.1	1.3	1.2	4.2	1.4	1.4	4.1	1.3	1.5	3.4	1.1	1.2	3.2	1.1	1.2	2.9	1.0	1.2	
	21	12	4.1	2.8	1.2	4.2	3.1	1.5	4.1	3.0	1.6	3.4	2.5	1.3	3.1	2.4	1.2	2.9	2.3	1.3	
		15	4.2	2.3	1.3	4.3	2.5	1.5	4.2	2.5	1.6	3.4	2.1	1.3	3.2	2.0	1.3	3.0	1.9	1.3	
		19	4.8	1.8	1.4	5.0	2.0	1.6	4.9	2.0	1.7	4.0	1.6	1.4	3.7	1.6	1.4	3.5	1.5	1.4	
	24	16	4.3	2.9	1.3	4.5	3.2	1.5	4.4	3.1	1.6	3.6	2.6	1.3	3.4	2.5	1.3	3.1	2.4	1.3	
		19	4.9	2.8	1.4	5.1	3.1	1.6	5.0	3.0	1.8	4.1	2.5	1.5	3.8	2.4	1.4	3.6	2.3	1.4	
		23	4.8	1.3	1.4	5.0	1.4	1.7	4.9	1.4	1.8	4.0	1.2	1.5	3.7	1.1	1.4	3.5	1.1	1.5	
	27	16	4.5	3.6	1.3	4.7	3.9	1.6	4.6	3.9	1.7	3.7	3.2	1.4	3.5	3.1	1.3	3.3	3.0	1.4	
		19	5.0	3.6	1.4	5.2	3.9	1.6	5.1	3.9	1.8	4.2	3.2	1.5	3.9	3.1	1.4	3.6	2.9	1.4	
		23	5.3	2.4	1.4	5.5	2.7	1.7	5.4	2.6	1.8	4.4	2.2	1.5	4.1	2.1	1.4	3.9	2.0	1.4	
	29	19	5.1	3.9	1.4	5.3	4.2	1.6	5.2	4.1	1.8	4.2	3.5	1.5	4.0	3.3	1.4	3.7	3.1	1.4	
		30	16	4.8	4.1	1.4	4.9	4.4	1.6	4.8	4.4	1.7	3.9	3.6	1.4	3.7	3.4	1.4	3.4	3.2	1.4
			19	5.2	4.1	1.4	5.3	4.5	1.6	5.2	4.4	1.8	4.3	3.7	1.5	4.0	3.5	1.4	3.7	3.4	1.4
	23		5.4	3.4	1.4	5.6	3.7	1.7	5.5	3.6	1.8	4.5	3.0	1.5	4.2	2.9	1.4	3.9	2.7	1.5	
	32	16	5.0	4.4	1.4	5.2	4.8	1.6	5.1	4.7	1.8	4.1	3.9	1.5	3.9	3.6	1.4	3.6	3.4	1.4	
		19	5.3	4.6	1.4	5.5	5.0	1.7	5.4	5.0	1.8	4.4	4.1	1.5	4.1	3.8	1.4	3.9	3.6	1.4	
23		5.6	4.3	1.4	5.8	4.6	1.7	5.7	4.6	1.9	4.6	3.8	1.5	4.3	3.7	1.4	4.1	3.5	1.5		
1000	18	9	3.3	2.1	1.0	3.4	2.2	1.2	3.4	2.2	1.3	2.7	1.8	1.1	2.6	1.8	1.0	2.4	1.7	1.1	
		12	3.5	1.3	1.1	3.6	1.5	1.3	3.5	1.4	1.4	2.9	1.2	1.1	2.7	1.1	1.1	2.5	1.1	1.1	
		15	4.2	1.4	1.2	4.3	1.5	1.4	4.2	1.5	1.5	3.4	1.2	1.3	3.2	1.2	1.2	3.0	1.1	1.2	
	21	12	4.1	3.1	1.3	4.3	3.4	1.5	4.2	3.3	1.6	3.4	2.8	1.3	3.2	2.7	1.3	3.0	2.5	1.3	
		15	4.2	2.5	1.3	4.4	2.8	1.5	4.3	2.7	1.6	3.5	2.3	1.4	3.3	2.2	1.3	3.1	2.1	1.3	
		19	4.9	2.0	1.4	5.1	2.2	1.6	5.0	2.2	1.8	4.1	1.8	1.5	3.8	1.7	1.4	3.6	1.6	1.4	
	24	16	4.4	3.2	1.3	4.6	3.5	1.5	4.5	3.4	1.6	3.7	2.9	1.4	3.4	2.7	1.3	3.2	2.6	1.3	
		19	5.0	3.1	1.4	5.2	3.4	1.6	5.1	3.3	1.8	4.2	2.8	1.5	3.9	2.7	1.4	3.6	2.5	1.4	
		23	4.9	1.5	1.4	5.1	1.6	1.7	5.0	1.6	1.9	4.1	1.3	1.5	3.8	1.2	1.4	3.6	1.2	1.5	
	27	16	4.6	4.0	1.4	4.8	4.3	1.6	4.7	4.3	1.7	3.8	3.6	1.4	3.6	3.4	1.4	3.3	3.2	1.4	
		19	5.1	4.0	1.4	5.3	4.3	1.7	5.2	4.2	1.8	4.2	3.5	1.5	4.0	3.4	1.4	3.7	3.2	1.4	
		23	5.4	2.7	1.4	5.6	2.9	1.7	5.5	2.9	1.8	4.5	2.4	1.5	4.2	2.3	1.4	3.9	2.2	1.5	
	29	19	5.2	4.2	1.4	5.4	4.6	1.7	5.3	4.6	1.8	4.3	3.8	1.5	4.1	3.6	1.4	3.8	3.4	1.4	
		30	16	4.9	4.5	1.4	5.0	4.8	1.6	4.9	4.8	1.8	4.0	4.0	1.5	3.8	3.8	1.4	3.5	3.5	1.4
			19	5.3	4.5	1.4	5.5	4.9	1.7	5.3	4.9	1.8	4.4	4.0	1.5	4.1	3.9	1.4	3.8	3.7	1.4
	23		5.6	3.7	1.4	5.7	4.0	1.7	5.6	4.0	1.9	4.6	3.3	1.5	4.3	3.2	1.4	4.0	3.0	1.5	
	32	16	5.1	4.8	1.4	5.3	5.2	1.6	5.2	5.2	1.8	4.2	4.2	1.5	4.0	4.0	1.4	3.7	3.7	1.4	
		19	5.4	5.1	1.4	5.6	5.5	1.7	5.5	5.5	1.8	4.5	4.5	1.5	4.2	4.2	1.4	3.9	3.9	1.5	
23		5.6	4.6	1.4	5.8	5.0	1.7	5.7	4.9	1.9	4.6	4.1	1.5	4.3	3.9	1.4	4.1	3.7	1.5		

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AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			30			35			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1100	18	9	3.4	1.5	1.0	3.5	2.3	1.2	3.4	1.6	1.3	2.8	1.3	1.1	2.6	1.3	1.0	2.5	1.2	1.1
		12	3.5	1.0	1.1	3.6	1.5	1.3	3.6	1.1	1.4	2.9	0.9	1.2	2.7	0.8	1.1	2.5	0.8	1.1
		15	4.2	1.0	1.2	4.4	1.6	1.4	4.3	1.1	1.5	3.5	0.9	1.3	3.3	0.9	1.2	3.1	0.8	1.2
	21	12	4.2	2.3	1.3	4.4	3.5	1.5	4.3	2.5	1.6	3.5	2.0	1.3	3.3	2.0	1.3	3.1	1.9	1.3
		15	4.3	1.9	1.3	4.5	2.9	1.5	4.4	2.0	1.7	3.6	1.7	1.4	3.3	1.6	1.3	3.1	1.5	1.3
		19	5.0	1.5	1.4	5.2	2.3	1.6	5.1	1.6	1.8	4.2	1.3	1.5	3.9	1.3	1.4	3.6	1.2	1.4
	24	16	4.5	2.3	1.3	4.7	3.6	1.5	4.6	2.5	1.7	3.7	2.1	1.4	3.5	2.0	1.3	3.3	1.9	1.3
		19	5.1	2.3	1.4	5.3	3.5	1.6	5.2	2.4	1.8	4.2	2.0	1.5	4.0	1.9	1.4	3.7	1.9	1.4
		23	5.0	1.1	1.5	5.2	1.7	1.7	5.1	1.2	1.9	4.2	1.0	1.5	3.9	0.9	1.5	3.6	0.9	1.5
	27	16	4.7	2.9	1.4	4.9	4.5	1.6	4.8	3.1	1.8	3.9	2.6	1.5	3.6	2.5	1.4	3.4	2.4	1.4
		19	5.2	2.9	1.4	5.4	4.5	1.7	5.3	3.1	1.8	4.3	2.6	1.5	4.1	2.5	1.4	3.8	2.4	1.4
		23	5.6	2.0	1.4	5.7	3.1	1.7	5.6	2.1	1.9	4.6	1.8	1.5	4.3	1.7	1.4	4.0	1.6	1.5
	29	19	5.3	3.1	1.4	5.5	4.8	1.7	5.4	3.3	1.8	4.4	2.8	1.5	4.1	2.7	1.4	3.9	2.5	1.5
		16	5.0	3.3	1.4	5.1	5.1	1.6	5.0	3.5	1.8	4.1	2.9	1.5	3.8	2.8	1.4	3.6	2.6	1.4
		19	5.4	3.3	1.4	5.6	5.2	1.7	5.5	3.6	1.8	4.5	3.0	1.5	4.2	2.8	1.4	3.9	2.7	1.5
	30	23	5.7	2.7	1.5	5.8	4.2	1.7	5.7	2.9	1.9	4.7	2.4	1.5	4.4	2.3	1.5	4.1	2.2	1.5
		16	5.2	3.5	1.4	5.4	5.5	1.7	5.3	3.8	1.8	4.3	3.1	1.5	4.0	2.9	1.4	3.8	2.7	1.4
		19	5.6	3.7	1.4	5.7	5.8	1.7	5.6	4.0	1.9	4.6	3.3	1.5	4.3	3.1	1.4	4.0	2.9	1.5
32	23	5.6	3.3	1.4	5.8	5.1	1.7	5.7	3.6	1.9	4.6	3.0	1.5	4.3	2.8	1.4	4.1	2.7	1.5	
	9	3.4	1.1	1.1	3.5	2.4	1.2	3.5	1.2	1.4	2.8	1.0	1.1	2.7	0.9	1.1	2.5	0.9	1.1	
	12	3.6	0.7	1.1	3.7	1.5	1.3	3.6	0.8	1.4	2.9	0.6	1.2	2.8	0.6	1.1	2.6	0.6	1.1	
1200	18	15	4.3	0.7	1.2	4.4	1.6	1.4	4.3	0.8	1.6	3.5	0.7	1.3	3.3	0.6	1.2	3.1	0.6	1.2
		12	4.3	1.7	1.3	4.4	3.6	1.5	4.3	1.8	1.6	3.5	1.5	1.4	3.3	1.4	1.3	3.1	1.4	1.3
		15	4.4	1.4	1.3	4.5	2.9	1.5	4.4	1.5	1.7	3.6	1.2	1.4	3.4	1.2	1.3	3.2	1.1	1.3
	21	19	5.1	1.1	1.4	5.2	2.3	1.6	5.1	1.2	1.8	4.2	1.0	1.5	3.9	0.9	1.4	3.7	0.9	1.4
		16	4.6	1.7	1.3	4.7	3.7	1.5	4.6	1.8	1.7	3.8	1.5	1.4	3.5	1.5	1.3	3.3	1.4	1.3
		19	5.2	1.7	1.4	5.3	3.6	1.7	5.2	1.8	1.8	4.3	1.5	1.5	4.0	1.4	1.4	3.7	1.3	1.4
	24	23	5.1	0.8	1.5	5.2	1.7	1.7	5.1	0.8	1.9	4.2	0.7	1.6	3.9	0.7	1.5	3.7	0.6	1.5
		16	4.8	2.1	1.4	4.9	4.6	1.6	4.8	2.3	1.8	3.9	1.9	1.5	3.7	1.8	1.4	3.4	1.7	1.4
		19	5.3	2.1	1.4	5.5	4.6	1.7	5.3	2.3	1.8	4.4	1.9	1.5	4.1	1.8	1.4	3.8	1.7	1.5
	27	23	5.6	1.4	1.5	5.8	3.1	1.7	5.7	1.5	1.9	4.6	1.3	1.5	4.3	1.2	1.5	4.1	1.2	1.5
		19	5.4	2.3	1.4	5.6	4.9	1.7	5.5	2.4	1.9	4.5	2.0	1.5	4.2	1.9	1.4	3.9	1.8	1.5
		16	5.0	2.4	1.4	5.2	5.1	1.6	5.1	2.6	1.8	4.1	2.1	1.5	3.9	2.0	1.4	3.6	1.9	1.4
	30	19	5.5	2.4	1.4	5.6	5.2	1.7	5.5	2.6	1.9	4.5	2.2	1.5	4.2	2.1	1.4	3.9	2.0	1.5
		23	5.7	2.0	1.5	5.9	4.3	1.7	5.8	2.1	1.9	4.7	1.8	1.6	4.4	1.7	1.5	4.1	1.6	1.5
		16	5.3	2.6	1.4	5.4	5.5	1.7	5.3	2.8	1.8	4.4	2.3	1.5	4.1	2.1	1.4	3.8	2.0	1.5
	32	19	5.6	2.7	1.5	5.8	5.8	1.7	5.7	2.9	1.9	4.6	2.4	1.5	4.3	2.2	1.5	4.1	2.1	1.5
		23	5.6	2.4	1.4	5.8	5.1	1.7	5.7	2.6	1.9	4.6	2.1	1.5	4.3	2.0	1.4	4.1	1.9	1.5

Outdoor Unit:GUHD24K3C1O Indoor Unit:GFH24K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)															
			-15			-10			-7			-5			0			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1280	18	9	2.8	1.2	0.9	2.8	1.2	0.9	2.9	1.2	0.9	2.9	1.3	0.9	3.0	1.3	0.9	
		12	2.9	0.8	0.9	2.9	0.8	0.9	3.0	0.8	0.9	3.0	0.8	1.0	3.1	0.8	1.0	
		15	3.5	0.8	1.0	3.5	0.8	1.0	3.6	0.8	1.0	3.6	0.8	1.1	3.7	0.9	1.1	
	21	12	3.5	1.8	1.0	3.5	1.8	1.1	3.6	1.9	1.1	3.6	1.9	1.1	3.7	2.0	1.1	
		15	3.5	1.4	1.1	3.6	1.5	1.1	3.7	1.5	1.1	3.7	1.6	1.1	3.8	1.6	1.1	
		19	4.1	1.1	1.2	4.2	1.2	1.2	4.2	1.2	1.2	4.3	1.2	1.2	4.4	1.3	1.2	
	24	16	3.7	1.8	1.1	3.8	1.9	1.1	3.8	1.9	1.1	3.9	2.0	1.1	3.9	2.0	1.1	
		19	4.2	1.7	1.2	4.3	1.8	1.2	4.3	1.9	1.2	4.4	1.9	1.2	4.5	2.0	1.2	
		23	4.1	0.8	1.2	4.2	0.8	1.2	4.3	0.9	1.3	4.3	0.9	1.3	4.4	0.9	1.3	
	27	16	3.9	2.2	1.1	3.9	2.3	1.2	4.0	2.4	1.2	4.0	2.4	1.2	4.1	2.5	1.2	
		19	4.3	2.2	1.2	4.4	2.3	1.2	4.4	2.4	1.2	4.5	2.4	1.2	4.6	2.5	1.3	
		23	4.6	1.5	1.2	4.6	1.6	1.2	4.7	1.6	1.2	4.8	1.6	1.3	4.8	1.7	1.3	
	29	19	4.4	2.4	1.2	4.4	2.5	1.2	4.5	2.5	1.2	4.6	2.6	1.3	4.6	2.7	1.3	
		30	16	4.1	2.5	1.2	4.1	2.6	1.2	4.2	2.7	1.2	4.3	2.7	1.2	4.3	2.8	1.2
			19	4.4	2.5	1.2	4.5	2.6	1.2	4.6	2.7	1.2	4.6	2.8	1.3	4.7	2.9	1.3
23	4.6		2.1	1.2	4.7	2.1	1.2	4.8	2.2	1.3	4.9	2.3	1.3	4.9	2.3	1.3		
32	16	4.3	2.7	1.2	4.3	2.8	1.2	4.4	2.9	1.2	4.5	3.0	1.2	4.5	3.0	1.3		
	19	4.6	2.9	1.2	4.6	2.9	1.2	4.7	3.0	1.2	4.8	3.1	1.3	4.8	3.2	1.3		
	23	5.0	2.8	1.2	5.1	2.9	1.3	5.2	3.0	1.3	5.3	3.0	1.3	5.3	3.1	1.3		
1440	18	9	2.9	1.3	0.9	3.0	1.3	0.9	3.0	1.3	0.9	3.1	1.4	0.9	3.1	1.4	0.9	
		12	3.0	0.8	0.9	3.1	0.9	0.9	3.1	0.9	1.0	3.2	0.9	1.0	3.2	0.9	1.0	
		15	3.7	0.9	1.0	3.7	0.9	1.0	3.8	0.9	1.0	3.8	0.9	1.1	3.9	1.0	1.1	
	21	12	3.7	1.9	1.1	3.7	2.0	1.1	3.8	2.0	1.1	3.8	2.1	1.1	3.9	2.2	1.1	
		15	3.7	1.6	1.1	3.8	1.6	1.1	3.9	1.7	1.1	3.9	1.7	1.1	4.0	1.8	1.2	
		19	4.3	1.2	1.2	4.4	1.3	1.2	4.5	1.3	1.2	4.5	1.4	1.2	4.6	1.4	1.2	
	24	16	3.9	2.0	1.1	4.0	2.0	1.1	4.0	2.1	1.1	4.1	2.2	1.1	4.1	2.2	1.2	
		19	4.4	1.9	1.2	4.5	2.0	1.2	4.6	2.0	1.2	4.6	2.1	1.2	4.7	2.2	1.3	
		23	4.3	0.9	1.2	4.4	0.9	1.2	4.5	1.0	1.3	4.5	1.0	1.3	4.6	1.0	1.3	
	27	16	4.1	2.5	1.2	4.1	2.5	1.2	4.2	2.6	1.2	4.3	2.7	1.2	4.3	2.8	1.2	
		19	4.5	2.5	1.2	4.6	2.5	1.2	4.7	2.6	1.2	4.7	2.7	1.3	4.8	2.7	1.3	
		23	4.8	1.7	1.2	4.9	1.7	1.2	4.9	1.8	1.3	5.0	1.8	1.3	5.1	1.9	1.3	
	29	19	4.6	2.6	1.2	4.7	2.7	1.2	4.8	2.8	1.2	4.8	2.9	1.3	4.9	2.9	1.3	
		30	16	4.3	2.8	1.2	4.4	2.8	1.2	4.4	2.9	1.2	4.5	3.0	1.2	4.6	3.1	1.2
			19	4.7	2.8	1.2	4.7	2.9	1.2	4.8	3.0	1.2	4.9	3.1	1.3	4.9	3.1	1.3
23	4.9		2.3	1.2	5.0	2.4	1.2	5.0	2.4	1.3	5.1	2.5	1.3	5.2	2.6	1.3		
32	16	4.5	3.0	1.2	4.6	3.1	1.2	4.6	3.2	1.2	4.7	3.3	1.3	4.8	3.3	1.3		
	19	4.8	3.1	1.2	4.9	3.2	1.2	4.9	3.3	1.3	5.0	3.4	1.3	5.1	3.5	1.3		
	23	5.0	2.9	1.2	5.1	3.0	1.3	5.2	3.1	1.3	5.3	3.2	1.3	5.3	3.3	1.3		
1600	18	9	3.0	1.4	0.9	3.0	1.4	0.9	3.1	1.5	0.9	3.1	1.5	0.9	3.2	1.6	1.0	
		12	3.1	0.9	0.9	3.2	0.9	0.9	3.2	1.0	1.0	3.2	1.0	1.0	3.3	1.0	1.0	
		15	3.7	0.9	1.0	3.8	1.0	1.0	3.9	1.0	1.1	3.9	1.0	1.1	4.0	1.1	1.1	
	21	12	3.7	2.1	1.1	3.8	2.2	1.1	3.8	2.2	1.1	3.9	2.3	1.1	4.0	2.4	1.1	
		15	3.8	1.7	1.1	3.9	1.8	1.1	3.9	1.8	1.1	4.0	1.9	1.2	4.0	1.9	1.2	
		19	4.4	1.4	1.2	4.5	1.4	1.2	4.6	1.5	1.2	4.6	1.5	1.2	4.7	1.5	1.3	
	24	16	4.0	2.2	1.1	4.0	2.2	1.1	4.1	2.3	1.1	4.2	2.4	1.2	4.2	2.4	1.2	
		19	4.5	2.1	1.2	4.6	2.2	1.2	4.7	2.2	1.2	4.7	2.3	1.3	4.8	2.4	1.3	
		23	4.4	1.0	1.2	4.5	1.0	1.3	4.6	1.1	1.3	4.6	1.1	1.3	4.7	1.1	1.3	
	27	16	4.2	2.7	1.2	4.2	2.8	1.2	4.3	2.9	1.2	4.3	3.0	1.2	4.4	3.0	1.2	
		19	4.6	2.7	1.2	4.7	2.8	1.2	4.8	2.9	1.2	4.8	2.9	1.3	4.9	3.0	1.3	
		23	4.9	1.8	1.2	5.0	1.9	1.2	5.0	1.9	1.3	5.1	2.0	1.3	5.2	2.0	1.3	
	29	19	4.7	2.9	1.2	4.8	3.0	1.2	4.9	3.1	1.3	4.9	3.1	1.3	5.0	3.2	1.3	
		30	16	4.4	3.0	1.2	4.4	3.1	1.2	4.5	3.2	1.2	4.6	3.3	1.2	4.6	3.4	1.3
			19	4.8	3.1	1.2	4.8	3.2	1.2	4.9	3.3	1.3	5.0	3.4	1.3	5.0	3.4	1.3
23	5.0		2.5	1.2	5.1	2.6	1.3	5.1	2.7	1.3	5.2	2.7	1.3	5.3	2.8	1.3		
32	16	4.6	3.3	1.2	4.7	3.4	1.2	4.7	3.5	1.2	4.8	3.6	1.3	4.9	3.7	1.3		
	19	4.9	3.5	1.2	5.0	3.6	1.2	5.0	3.7	1.3	5.1	3.8	1.3	5.2	3.9	1.3		
	23	5.0	3.1	1.2	5.1	3.2	1.3	5.2	3.3	1.3	5.3	3.4	1.3	5.3	3.5	1.3		

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AFR	Indoor temperature		Outdoor temperature DB (°C)														
			-15			-10			-7			-5			0		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1760	18	9	3.1	1.0	0.9	3.1	1.1	0.9	3.1	1.1	0.9	3.2	1.1	0.9	3.2	1.1	1.0
		12	3.2	0.7	0.9	3.2	0.7	1.0	3.3	0.7	1.0	3.3	0.7	1.0	3.4	0.7	1.0
		15	3.8	0.7	1.0	3.9	0.7	1.0	3.9	0.7	1.1	4.0	0.8	1.1	4.0	0.8	1.1
	21	12	3.8	1.6	1.1	3.9	1.6	1.1	3.9	1.6	1.1	4.0	1.7	1.1	4.0	1.7	1.2
		15	3.9	1.3	1.1	3.9	1.3	1.1	4.0	1.3	1.1	4.1	1.4	1.2	4.1	1.4	1.2
		19	4.5	1.0	1.2	4.6	1.0	1.2	4.7	1.1	1.2	4.7	1.1	1.3	4.8	1.1	1.3
	24	16	4.1	1.6	1.1	4.1	1.6	1.1	4.2	1.7	1.1	4.2	1.7	1.2	4.3	1.8	1.2
		19	4.6	1.6	1.2	4.7	1.6	1.2	4.8	1.6	1.2	4.8	1.7	1.3	4.9	1.7	1.3
		23	4.5	0.7	1.2	4.6	0.8	1.3	4.7	0.8	1.3	4.7	0.8	1.3	4.8	0.8	1.3
	27	16	4.2	2.0	1.2	4.3	2.1	1.2	4.4	2.1	1.2	4.4	2.2	1.2	4.5	2.2	1.3
		19	4.7	2.0	1.2	4.8	2.0	1.2	4.9	2.1	1.3	4.9	2.2	1.3	5.0	2.2	1.3
		23	5.0	1.3	1.2	5.1	1.4	1.3	5.1	1.4	1.3	5.2	1.5	1.3	5.3	1.5	1.3
	29	19	4.8	2.1	1.2	4.9	2.2	1.2	5.0	2.2	1.3	5.0	2.3	1.3	5.1	2.4	1.3
		23	5.1	1.9	1.2	5.2	1.9	1.3	5.3	2.0	1.3	5.3	2.0	1.3	5.4	2.1	1.3
	30	16	4.5	2.2	1.2	4.5	2.3	1.2	4.6	2.4	1.2	4.7	2.4	1.3	4.7	2.5	1.3
		19	4.9	2.3	1.2	4.9	2.3	1.2	5.0	2.4	1.3	5.1	2.5	1.3	5.1	2.5	1.3
		23	5.1	1.9	1.2	5.2	1.9	1.3	5.3	2.0	1.3	5.3	2.0	1.3	5.4	2.1	1.3
	32	16	4.7	2.4	1.2	4.8	2.5	1.2	4.8	2.6	1.3	4.9	2.6	1.3	5.0	2.7	1.3
19		5.0	2.5	1.2	5.1	2.6	1.3	5.1	2.7	1.3	5.2	2.8	1.3	5.3	2.8	1.3	
23		5.0	2.3	1.2	5.1	2.3	1.3	5.2	2.4	1.3	5.3	2.5	1.3	5.3	2.5	1.3	
1920	18	9	3.1	0.7	0.9	3.1	0.8	0.9	3.2	0.8	0.9	3.2	0.8	1.0	3.3	0.8	1.0
		12	3.2	0.5	0.9	3.2	0.5	1.0	3.3	0.5	1.0	3.3	0.5	1.0	3.4	0.5	1.0
		15	3.9	0.5	1.0	3.9	0.5	1.1	4.0	0.5	1.1	4.0	0.5	1.1	4.1	0.6	1.1
	21	12	3.8	1.1	1.1	3.9	1.2	1.1	4.0	1.2	1.1	4.0	1.2	1.2	4.1	1.3	1.2
		15	3.9	0.9	1.1	4.0	1.0	1.1	4.0	1.0	1.2	4.1	1.0	1.2	4.2	1.0	1.2
		19	4.6	0.7	1.2	4.6	0.8	1.2	4.7	0.8	1.2	4.8	0.8	1.3	4.8	0.8	1.3
	24	16	4.1	1.2	1.1	4.2	1.2	1.1	4.2	1.2	1.2	4.3	1.3	1.2	4.4	1.3	1.2
		19	4.7	1.1	1.2	4.7	1.2	1.2	4.8	1.2	1.3	4.9	1.2	1.3	4.9	1.3	1.3
		23	4.6	0.5	1.3	4.6	0.5	1.3	4.7	0.6	1.3	4.8	0.6	1.3	4.8	0.6	1.4
	27	16	4.3	1.5	1.2	4.3	1.5	1.2	4.4	1.5	1.2	4.5	1.6	1.3	4.5	1.6	1.3
		19	4.8	1.4	1.2	4.8	1.5	1.2	4.9	1.5	1.3	5.0	1.6	1.3	5.0	1.6	1.3
		23	5.0	1.0	1.2	5.1	1.0	1.3	5.2	1.0	1.3	5.3	1.1	1.3	5.3	1.1	1.3
	29	19	4.9	1.5	1.2	4.9	1.6	1.3	5.0	1.6	1.3	5.1	1.7	1.3	5.1	1.7	1.3
		23	5.1	1.3	1.3	5.2	1.4	1.3	5.3	1.4	1.3	5.4	1.5	1.3	5.5	1.5	1.4
	30	16	4.5	1.6	1.2	4.6	1.7	1.2	4.6	1.7	1.2	4.7	1.8	1.3	4.8	1.8	1.3
		19	4.9	1.6	1.2	5.0	1.7	1.3	5.0	1.7	1.3	5.1	1.8	1.3	5.2	1.8	1.3
		23	5.1	1.3	1.3	5.2	1.4	1.3	5.3	1.4	1.3	5.4	1.5	1.3	5.5	1.5	1.4
	32	16	4.7	1.8	1.2	4.8	1.8	1.2	4.9	1.9	1.3	5.0	1.9	1.3	5.0	2.0	1.3
19		5.0	1.8	1.2	5.1	1.9	1.3	5.2	2.0	1.3	5.3	2.0	1.3	5.3	2.1	1.3	
23		5.0	1.6	1.2	5.1	1.7	1.3	5.2	1.7	1.3	5.3	1.8	1.3	5.3	1.8	1.3	

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			5			10			15			18			21			25		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1280	18	9	3.0	1.3	0.9	3.0	1.4	1.0	3.1	1.4	1.0	3.2	1.5	1.0	3.4	1.7	1.1	3.9	2.0	1.2
		12	3.1	0.9	1.0	3.2	0.9	1.0	3.2	0.9	1.0	3.3	1.0	1.1	3.5	1.1	1.2	4.1	1.3	1.2
		15	3.7	0.9	1.1	3.8	0.9	1.1	3.8	0.9	1.1	4.0	1.0	1.2	4.2	1.1	1.3	4.9	1.4	1.4
	21	12	3.7	2.0	1.1	3.8	2.1	1.2	3.8	2.1	1.2	3.9	2.2	1.2	4.2	2.5	1.3	4.9	3.1	1.4
		15	3.8	1.7	1.2	3.9	1.7	1.2	3.9	1.7	1.2	4.0	1.8	1.3	4.3	2.1	1.4	5.0	2.5	1.5
		19	4.4	1.3	1.3	4.5	1.3	1.3	4.6	1.4	1.3	4.7	1.4	1.4	5.0	1.6	1.5	5.8	2.0	1.6
	24	16	4.0	2.1	1.2	4.0	2.1	1.2	4.1	2.2	1.2	4.2	2.3	1.3	4.5	2.6	1.4	5.2	3.2	1.5
		19	4.5	2.0	1.3	4.6	2.1	1.3	4.7	2.1	1.3	4.8	2.2	1.4	5.1	2.5	1.5	5.9	3.1	1.6
		23	4.4	0.9	1.3	4.5	1.0	1.3	4.6	1.0	1.4	4.7	1.0	1.4	5.0	1.2	1.5	5.8	1.4	1.6
	27	16	4.2	2.6	1.2	4.2	2.7	1.3	4.3	2.7	1.3	4.4	2.8	1.3	4.7	3.2	1.5	5.4	4.0	1.6
		19	4.6	2.6	1.3	4.7	2.6	1.3	4.8	2.7	1.3	4.9	2.8	1.4	5.2	3.2	1.5	6.1	3.9	1.6
		23	4.9	1.7	1.3	5.0	1.8	1.3	5.0	1.8	1.4	5.2	1.9	1.4	5.5	2.2	1.5	6.4	2.7	1.6
	29	19	4.7	2.7	1.3	4.8	2.8	1.3	4.8	2.9	1.3	5.0	3.0	1.4	5.3	3.4	1.5	6.2	4.2	1.6
		16	4.4	2.9	1.3	4.4	3.0	1.3	4.5	3.0	1.3	4.6	3.2	1.4	4.9	3.6	1.5	5.7	4.4	1.6
		19	4.8	2.9	1.3	4.8	3.0	1.3	4.9	3.1	1.3	5.0	3.2	1.4	5.4	3.6	1.5	6.2	4.5	1.6
	30	23	5.0	2.4	1.3	5.1	2.5	1.3	5.1	2.5	1.4	5.3	2.6	1.4	5.6	3.0	1.5	6.5	3.7	1.7
		16	4.6	3.1	1.3	4.7	3.2	1.3	4.7	3.3	1.3	4.9	3.4	1.4	5.2	3.9	1.5	6.0	4.8	1.6
		19	4.9	3.3	1.3	5.0	3.4	1.3	5.0	3.5	1.4	5.2	3.6	1.4	5.5	4.1	1.5	6.4	5.0	1.6
32	23	5.4	3.2	1.3	5.5	3.3	1.4	5.6	3.4	1.4	5.7	3.5	1.5	6.1	4.0	1.6	7.1	4.9	1.7	
	18	3.2	1.5	1.0	3.2	1.5	1.0	3.2	1.5	1.0	3.3	1.6	1.0	3.6	1.8	1.1	4.1	2.2	1.2	
	12	3.3	1.0	1.0	3.3	1.0	1.0	3.4	1.0	1.0	3.5	1.0	1.1	3.7	1.2	1.2	4.3	1.5	1.3	
1440	18	15	3.9	1.0	1.1	4.0	1.0	1.1	4.1	1.0	1.1	4.2	1.1	1.2	4.4	1.2	1.3	5.2	1.5	1.4
		12	3.9	2.2	1.2	4.0	2.3	1.2	4.0	2.3	1.2	4.1	2.4	1.3	4.4	2.8	1.3	5.1	3.4	1.4
		15	4.0	1.8	1.2	4.1	1.9	1.2	4.1	1.9	1.2	4.2	2.0	1.3	4.5	2.3	1.4	5.3	2.8	1.5
	21	19	4.7	1.4	1.3	4.7	1.5	1.3	4.8	1.5	1.3	4.9	1.6	1.4	5.3	1.8	1.5	6.1	2.2	1.6
		16	4.2	2.3	1.2	4.3	2.3	1.2	4.3	2.4	1.2	4.4	2.5	1.3	4.7	2.8	1.4	5.5	3.5	1.5
		19	4.8	2.2	1.3	4.8	2.3	1.3	4.9	2.3	1.3	5.0	2.4	1.4	5.4	2.8	1.5	6.3	3.4	1.6
	24	23	4.7	1.0	1.3	4.7	1.1	1.4	4.8	1.1	1.4	4.9	1.1	1.4	5.3	1.3	1.6	6.1	1.6	1.7
		16	4.4	2.8	1.3	4.4	2.9	1.3	4.5	3.0	1.3	4.6	3.1	1.4	4.9	3.5	1.5	5.7	4.4	1.6
		19	4.9	2.8	1.3	4.9	2.9	1.3	5.0	3.0	1.3	5.1	3.1	1.4	5.5	3.5	1.5	6.4	4.3	1.6
	27	23	5.2	1.9	1.3	5.2	2.0	1.3	5.3	2.0	1.4	5.5	2.1	1.4	5.8	2.4	1.5	6.8	2.9	1.7
		19	5.0	3.0	1.3	5.0	3.1	1.3	5.1	3.2	1.4	5.2	3.3	1.4	5.6	3.8	1.5	6.5	4.6	1.6
		16	4.6	3.2	1.3	4.7	3.3	1.3	4.7	3.4	1.3	4.9	3.5	1.4	5.2	4.0	1.5	6.0	4.9	1.6
	30	19	5.0	3.2	1.3	5.1	3.3	1.3	5.2	3.4	1.4	5.3	3.5	1.4	5.7	4.0	1.5	6.6	4.9	1.6
		23	5.3	2.6	1.3	5.3	2.7	1.4	5.4	2.8	1.4	5.6	2.9	1.4	5.9	3.3	1.6	6.9	4.1	1.7
		16	4.9	3.4	1.3	4.9	3.5	1.3	5.0	3.6	1.3	5.1	3.8	1.4	5.5	4.3	1.5	6.4	5.3	1.6
	32	19	5.2	3.6	1.3	5.2	3.7	1.3	5.3	3.8	1.4	5.5	4.0	1.4	5.8	4.5	1.5	6.8	5.5	1.7
		23	5.4	3.4	1.3	5.5	3.4	1.4	5.6	3.5	1.4	5.7	3.7	1.5	6.1	4.2	1.6	7.1	5.1	1.7
		18	3.2	1.6	1.0	3.3	1.7	1.0	3.3	1.7	1.0	3.4	1.8	1.0	3.6	2.0	1.1	4.2	2.5	1.2
1600	18	12	3.3	1.0	1.0	3.4	1.1	1.0	3.4	1.1	1.0	3.5	1.2	1.1	3.8	1.3	1.2	4.4	1.6	1.3
		15	4.0	1.1	1.1	4.1	1.1	1.1	4.1	1.1	1.1	4.3	1.2	1.2	4.5	1.3	1.3	5.3	1.7	1.4
		12	4.0	2.4	1.2	4.1	2.5	1.2	4.1	2.6	1.2	4.2	2.7	1.3	4.5	3.0	1.4	5.2	3.7	1.5
	21	15	4.1	2.0	1.2	4.2	2.0	1.2	4.2	2.1	1.2	4.3	2.2	1.3	4.6	2.5	1.4	5.4	3.1	1.5
		19	4.8	1.6	1.3	4.8	1.6	1.3	4.9	1.7	1.3	5.0	1.7	1.4	5.4	2.0	1.5	6.2	2.4	1.6
		16	4.3	2.5	1.2	4.3	2.6	1.2	4.4	2.6	1.2	4.5	2.7	1.3	4.8	3.1	1.4	5.6	3.8	1.5
	24	19	4.9	2.4	1.3	4.9	2.5	1.3	5.0	2.6	1.3	5.1	2.7	1.4	5.5	3.0	1.5	6.4	3.7	1.6
		23	4.8	1.1	1.3	4.8	1.2	1.4	4.9	1.2	1.4	5.0	1.3	1.5	5.4	1.4	1.6	6.3	1.8	1.7
		16	4.5	3.1	1.3	4.5	3.2	1.3	4.6	3.3	1.3	4.7	3.4	1.4	5.0	3.9	1.5	5.9	4.8	1.6
	27	19	5.0	3.1	1.3	5.0	3.2	1.3	5.1	3.3	1.4	5.3	3.4	1.4	5.6	3.9	1.5	6.5	4.7	1.6
		23	5.3	2.1	1.3	5.3	2.2	1.4	5.4	2.2	1.4	5.6	2.3	1.4	5.9	2.6	1.6	6.9	3.2	1.7
		19	5.1	3.3	1.3	5.1	3.4	1.3	5.2	3.5	1.4	5.4	3.6	1.4	5.7	4.1	1.5	6.6	5.1	1.7
	29	16	4.7	3.5	1.3	4.8	3.6	1.3	4.8	3.7	1.3	5.0	3.8	1.4	5.3	4.3	1.5	6.2	5.3	1.6
		19	5.1	3.5	1.3	5.2	3.6	1.3	5.3	3.7	1.4	5.4	3.9	1.4	5.8	4.4	1.5	6.7	5.4	1.7
		23	5.4	2.9	1.3	5.5	3.0	1.4	5.5	3.1	1.4	5.7	3.2	1.5	6.1	3.6	1.6	7.0	4.4	1.7
	30	16	5.0	3.8	1.3	5.0	3.9	1.3	5.1	4.0	1.4	5.2	4.1	1.4	5.6	4.7	1.5	6.5	5.8	1.6
		19	5.3	4.0	1.3	5.3	4.1	1.4	5.4	4.2	1.4	5.6	4.4	1.4	5.9	4.9	1.6	6.9	6.1	1.7
		23	5.4	3.6	1.3	5.5	3.7	1.4	5.6	3.8	1.4	5.7	4.0	1.5	6.1	4.5	1.6	7.1	5.5	1.7

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			5			10			15			18			21			25		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1760	18	9	3.3	1.2	1.0	3.3	1.2	1.0	3.4	1.2	1.0	3.5	1.3	1.1	3.7	1.5	1.1	4.3	1.8	1.2
		12	3.4	0.8	1.0	3.5	0.8	1.0	3.5	0.8	1.1	3.6	0.8	1.1	3.8	1.0	1.2	4.5	1.2	1.3
		15	4.1	0.8	1.1	4.2	0.8	1.1	4.2	0.8	1.2	4.3	0.9	1.2	4.6	1.0	1.3	5.4	1.2	1.4
	21	12	4.1	1.8	1.2	4.1	1.8	1.2	4.2	1.9	1.2	4.3	2.0	1.3	4.6	2.2	1.4	5.4	2.7	1.5
		15	4.2	1.5	1.2	4.2	1.5	1.2	4.3	1.5	1.2	4.4	1.6	1.3	4.7	1.8	1.4	5.5	2.2	1.5
		19	4.9	1.2	1.3	4.9	1.2	1.3	5.0	1.2	1.3	5.1	1.3	1.4	5.5	1.4	1.5	6.4	1.8	1.6
	24	16	4.4	1.8	1.2	4.4	1.9	1.2	4.5	1.9	1.2	4.6	2.0	1.3	4.9	2.3	1.4	5.7	2.8	1.5
		19	5.0	1.8	1.3	5.0	1.8	1.3	5.1	1.9	1.4	5.2	2.0	1.4	5.6	2.2	1.5	6.5	2.7	1.6
		23	4.9	0.8	1.4	4.9	0.9	1.4	5.0	0.9	1.4	5.1	0.9	1.5	5.5	1.0	1.6	6.4	1.3	1.7
	27	16	4.6	2.3	1.3	4.6	2.4	1.3	4.7	2.4	1.3	4.8	2.5	1.4	5.1	2.9	1.5	6.0	3.5	1.6
		19	5.1	2.3	1.3	5.1	2.3	1.3	5.2	2.4	1.4	5.4	2.5	1.4	5.7	2.8	1.5	6.6	3.5	1.7
		23	5.4	1.5	1.3	5.4	1.6	1.4	5.5	1.6	1.4	5.7	1.7	1.5	6.1	1.9	1.6	7.0	2.4	1.7
	29	19	5.2	2.4	1.3	5.2	2.5	1.4	5.3	2.6	1.4	5.5	2.7	1.4	5.8	3.0	1.6	6.8	3.7	1.7
		16	4.8	2.6	1.3	4.9	2.6	1.3	4.9	2.7	1.3	5.1	2.8	1.4	5.4	3.2	1.5	6.3	3.9	1.6
		19	5.2	2.6	1.3	5.3	2.7	1.4	5.4	2.7	1.4	5.5	2.9	1.4	5.9	3.2	1.6	6.8	4.0	1.7
	30	23	5.5	2.1	1.4	5.6	2.2	1.4	5.6	2.2	1.4	5.8	2.3	1.5	6.2	2.7	1.6	7.2	3.3	1.7
		16	5.1	2.8	1.3	5.1	2.8	1.3	5.2	2.9	1.4	5.3	3.0	1.4	5.7	3.4	1.5	6.6	4.2	1.7
		19	5.4	2.9	1.3	5.4	3.0	1.4	5.5	3.1	1.4	5.7	3.2	1.5	6.1	3.6	1.6	7.0	4.5	1.7
1920	18	9	3.3	0.9	1.0	3.4	0.9	1.0	3.4	0.9	1.0	3.5	0.9	1.1	3.7	1.1	1.2	4.3	1.3	1.2
		12	3.4	0.6	1.0	3.5	0.6	1.0	3.5	0.6	1.1	3.6	0.6	1.1	3.9	0.7	1.2	4.5	0.9	1.3
		15	4.1	0.6	1.1	4.2	0.6	1.2	4.3	0.6	1.2	4.4	0.6	1.2	4.7	0.7	1.3	5.4	0.9	1.4
	21	12	4.1	1.3	1.2	4.2	1.3	1.2	4.2	1.4	1.2	4.4	1.4	1.3	4.7	1.6	1.4	5.4	2.0	1.5
		15	4.2	1.1	1.2	4.3	1.1	1.2	4.3	1.1	1.3	4.5	1.2	1.3	4.8	1.3	1.4	5.5	1.6	1.5
		19	4.9	0.8	1.3	5.0	0.9	1.3	5.1	0.9	1.4	5.2	0.9	1.4	5.5	1.0	1.5	6.4	1.3	1.6
	24	16	4.4	1.3	1.2	4.5	1.4	1.2	4.5	1.4	1.3	4.7	1.5	1.3	5.0	1.7	1.4	5.8	2.0	1.5
		19	5.0	1.3	1.3	5.1	1.3	1.3	5.2	1.4	1.4	5.3	1.4	1.4	5.7	1.6	1.5	6.6	2.0	1.7
		23	4.9	0.6	1.4	5.0	0.6	1.4	5.1	0.6	1.4	5.2	0.7	1.5	5.5	0.8	1.6	6.4	0.9	1.7
	27	16	4.6	1.7	1.3	4.7	1.7	1.3	4.7	1.8	1.3	4.9	1.8	1.4	5.2	2.1	1.5	6.0	2.6	1.6
		19	5.1	1.7	1.3	5.2	1.7	1.4	5.3	1.7	1.4	5.4	1.8	1.4	5.8	2.1	1.6	6.7	2.5	1.7
		23	5.4	1.1	1.4	5.5	1.2	1.4	5.6	1.2	1.4	5.7	1.2	1.5	6.1	1.4	1.6	7.1	1.7	1.7
	29	19	5.2	1.8	1.3	5.3	1.8	1.4	5.4	1.9	1.4	5.5	1.9	1.5	5.9	2.2	1.6	6.8	2.7	1.7
		16	4.9	1.9	1.3	4.9	1.9	1.3	5.0	2.0	1.4	5.1	2.0	1.4	5.5	2.3	1.5	6.4	2.9	1.6
		19	5.3	1.9	1.3	5.3	1.9	1.4	5.4	2.0	1.4	5.6	2.1	1.5	5.9	2.4	1.6	6.9	2.9	1.7
	30	23	5.5	1.5	1.4	5.6	1.6	1.4	5.7	1.6	1.4	5.8	1.7	1.5	6.2	1.9	1.6	7.3	2.4	1.7
		16	5.1	2.0	1.3	5.2	2.1	1.4	5.2	2.1	1.4	5.4	2.2	1.4	5.7	2.5	1.6	6.7	3.1	1.7
		19	5.4	2.1	1.4	5.5	2.2	1.4	5.6	2.2	1.4	5.7	2.3	1.5	6.1	2.6	1.6	7.1	3.3	1.7
32	23	5.4	1.9	1.3	5.5	1.9	1.4	5.6	2.0	1.4	5.7	2.1	1.5	6.1	2.3	1.6	7.1	2.9	1.7	

AFR	Indoor temperature		Outdoor temperature DB (°C)																		
			30			35			39			43			46			48			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1280	18	9	4.1	2.2	1.3	4.2	2.4	1.6	4.1	2.4	1.7	3.4	2.0	1.4	3.2	1.9	1.3	3.0	1.8	1.4	
		12	4.2	1.5	1.4	4.4	1.6	1.7	4.3	1.6	1.8	3.5	1.3	1.5	3.3	1.3	1.4	3.1	1.2	1.4	
		15	5.1	1.5	1.5	5.3	1.6	1.8	5.2	1.6	2.0	4.2	1.3	1.6	4.0	1.3	1.5	3.7	1.2	1.6	
	21	12	5.1	3.4	1.6	5.2	3.7	1.9	5.1	3.7	2.1	4.2	3.0	1.7	3.9	2.9	1.6	3.7	2.8	1.7	
		15	5.2	2.8	1.7	5.4	3.0	1.9	5.3	3.0	2.1	4.3	2.5	1.8	4.0	2.4	1.7	3.8	2.3	1.7	
		19	6.1	2.2	1.8	6.2	2.4	2.1	6.1	2.4	2.3	5.0	2.0	1.9	4.7	1.9	1.8	4.4	1.8	1.8	
	24	16	5.4	3.5	1.7	5.6	3.8	1.9	5.5	3.7	2.1	4.5	3.1	1.8	4.2	3.0	1.7	3.9	2.8	1.7	
		19	6.2	3.4	1.8	6.4	3.7	2.1	6.3	3.6	2.3	5.1	3.0	1.9	4.8	2.9	1.8	4.5	2.8	1.8	
		23	6.1	1.6	1.9	6.3	1.7	2.2	6.1	1.7	2.4	5.0	1.4	2.0	4.7	1.4	1.9	4.4	1.3	1.9	
	27	16	5.7	4.4	1.8	5.9	4.7	2.1	5.7	4.7	2.3	4.7	3.9	1.9	4.4	3.7	1.8	4.1	3.5	1.8	
		19	6.3	4.3	1.8	6.5	4.7	2.1	6.4	4.6	2.3	5.2	3.9	1.9	4.9	3.7	1.8	4.6	3.5	1.9	
		23	6.7	2.9	1.9	6.9	3.2	2.2	6.8	3.2	2.4	5.5	2.6	2.0	5.2	2.5	1.9	4.8	2.4	1.9	
	29	19	6.4	4.6	1.8	6.6	5.0	2.2	6.5	5.0	2.4	5.3	4.1	1.9	5.0	4.0	1.8	4.6	3.8	1.9	
		30	16	6.0	4.9	1.8	6.2	5.3	2.1	6.0	5.2	2.3	4.9	4.4	1.9	4.6	4.1	1.8	4.3	3.8	1.8
			19	6.5	4.9	1.8	6.7	5.4	2.2	6.6	5.3	2.4	5.4	4.4	1.9	5.0	4.2	1.8	4.7	4.0	1.9
	23		6.8	4.0	1.9	7.0	4.4	2.2	6.9	4.3	2.4	5.6	3.6	2.0	5.3	3.5	1.9	4.9	3.3	1.9	
	32	16	6.3	5.3	1.8	6.5	5.7	2.1	6.4	5.7	2.3	5.2	4.6	1.9	4.9	4.3	1.8	4.5	4.0	1.9	
		19	6.7	5.5	1.9	6.9	6.0	2.2	6.8	6.0	2.4	5.5	4.9	2.0	5.2	4.6	1.9	4.8	4.3	1.9	
23		7.4	5.4	1.9	7.6	5.9	2.2	7.5	5.8	2.4	6.1	4.8	2.0	5.7	4.6	1.9	5.3	4.4	2.0		
1440	18	9	4.3	2.5	1.4	4.4	2.7	1.6	4.4	2.7	1.7	3.6	2.2	1.4	3.3	2.1	1.4	3.1	2.0	1.4	
		12	4.5	1.6	1.4	4.6	1.7	1.7	4.5	1.7	1.8	3.7	1.4	1.5	3.5	1.4	1.4	3.2	1.3	1.5	
		15	5.4	1.7	1.6	5.6	1.8	1.8	5.4	1.8	2.0	4.4	1.5	1.7	4.2	1.4	1.6	3.9	1.3	1.6	
	21	12	5.4	3.7	1.6	5.5	4.1	1.9	5.4	4.0	2.1	4.4	3.3	1.7	4.1	3.2	1.6	3.9	3.0	1.7	
		15	5.5	3.1	1.7	5.7	3.3	2.0	5.6	3.3	2.1	4.5	2.7	1.8	4.2	2.6	1.7	4.0	2.5	1.7	
		19	6.4	2.4	1.8	6.6	2.6	2.1	6.5	2.6	2.3	5.3	2.2	1.9	4.9	2.1	1.8	4.6	2.0	1.8	
	24	16	5.7	3.8	1.7	5.9	4.2	2.0	5.8	4.1	2.1	4.7	3.4	1.8	4.4	3.3	1.7	4.1	3.1	1.7	
		19	6.5	3.7	1.8	6.7	4.1	2.1	6.6	4.0	2.3	5.4	3.3	1.9	5.0	3.2	1.8	4.7	3.0	1.9	
		23	6.4	1.8	1.9	6.6	1.9	2.2	6.5	1.9	2.4	5.3	1.6	2.0	4.9	1.5	1.9	4.6	1.4	1.9	
	27	16	6.0	4.8	1.8	6.2	5.2	2.1	6.1	5.2	2.3	4.9	4.3	1.9	4.6	4.1	1.8	4.3	3.9	1.8	
		19	6.7	4.8	1.8	6.9	5.2	2.2	6.7	5.1	2.4	5.5	4.3	1.9	5.1	4.1	1.8	4.8	3.9	1.9	
		23	7.1	3.2	1.9	7.3	3.5	2.2	7.1	3.5	2.4	5.8	2.9	2.0	5.5	2.8	1.9	5.1	2.6	1.9	
	29	19	6.8	5.1	1.9	7.0	5.5	2.2	6.9	5.5	2.4	5.6	4.6	2.0	5.2	4.4	1.9	4.9	4.1	1.9	
		30	16	6.3	5.4	1.8	6.5	5.8	2.1	6.4	5.8	2.3	5.2	4.8	1.9	4.9	4.5	1.8	4.6	4.2	1.8
			19	6.9	5.4	1.9	7.1	5.9	2.2	6.9	5.8	2.4	5.7	4.9	2.0	5.3	4.7	1.9	4.9	4.4	1.9
	23		7.2	4.5	1.9	7.4	4.8	2.2	7.3	4.8	2.4	5.9	4.0	2.0	5.6	3.8	1.9	5.2	3.6	1.9	
	32	16	6.6	5.8	1.8	6.8	6.3	2.2	6.7	6.2	2.4	5.5	5.1	1.9	5.1	4.8	1.8	4.8	4.4	1.9	
		19	7.1	6.1	1.9	7.3	6.6	2.2	7.1	6.6	2.4	5.8	5.4	2.0	5.5	5.1	1.9	5.1	4.7	1.9	
23		7.4	5.6	1.9	7.6	6.1	2.2	7.5	6.1	2.4	6.1	5.1	2.0	5.7	4.8	1.9	5.3	4.6	2.0		
1600	18	9	4.4	2.7	1.4	4.5	2.9	1.6	4.4	2.9	1.8	3.6	2.4	1.5	3.4	2.3	1.4	3.2	2.2	1.4	
		12	4.6	1.8	1.4	4.7	1.9	1.7	4.6	1.9	1.8	3.8	1.6	1.5	3.5	1.5	1.4	3.3	1.4	1.5	
		15	5.5	1.8	1.6	5.7	2.0	1.9	5.6	2.0	2.0	4.5	1.6	1.7	4.3	1.6	1.6	4.0	1.5	1.6	
	21	12	5.5	4.1	1.7	5.6	4.5	1.9	5.5	4.4	2.1	4.5	3.7	1.7	4.2	3.5	1.7	4.0	3.3	1.7	
		15	5.6	3.4	1.7	5.8	3.6	2.0	5.7	3.6	2.2	4.6	3.0	1.8	4.3	2.9	1.7	4.0	2.7	1.7	
		19	6.5	2.7	1.8	6.7	2.9	2.1	6.6	2.9	2.3	5.4	2.4	1.9	5.0	2.3	1.8	4.7	2.2	1.9	
	24	16	5.9	4.2	1.7	6.0	4.6	2.0	5.9	4.5	2.2	4.8	3.8	1.8	4.5	3.6	1.7	4.2	3.4	1.7	
		19	6.7	4.1	1.8	6.9	4.4	2.2	6.7	4.4	2.4	5.5	3.7	1.9	5.1	3.5	1.8	4.8	3.3	1.9	
		23	6.5	1.9	1.9	6.7	2.1	2.2	6.6	2.1	2.4	5.4	1.7	2.0	5.0	1.6	1.9	4.7	1.6	2.0	
	27	16	6.1	5.3	1.8	6.3	5.7	2.1	6.2	5.7	2.3	5.0	4.7	1.9	4.7	4.5	1.8	4.4	4.3	1.8	
		19	6.8	5.2	1.9	7.0	5.7	2.2	6.9	5.6	2.4	5.6	4.7	2.0	5.3	4.5	1.9	4.9	4.2	1.9	
		23	7.2	3.5	1.9	7.4	3.8	2.2	7.3	3.8	2.4	5.9	3.2	2.0	5.6	3.0	1.9	5.2	2.9	1.9	
	29	19	6.9	5.6	1.9	7.1	6.1	2.2	7.0	6.0	2.4	5.7	5.0	2.0	5.4	4.8	1.9	5.0	4.5	1.9	
		30	16	6.4	5.9	1.8	6.6	6.4	2.1	6.5	6.3	2.3	5.3	5.3	1.9	5.0	5.0	1.8	4.6	4.6	1.9
			19	7.0	6.0	1.9	7.2	6.5	2.2	7.1	6.4	2.4	5.8	5.3	2.0	5.4	5.1	1.9	5.0	4.9	1.9
	23		7.3	4.9	1.9	7.6	5.3	2.2	7.4	5.3	2.4	6.1	4.4	2.0	5.7	4.2	1.9	5.3	4.0	2.0	
	32	16	6.8	6.4	1.9	7.0	6.9	2.2	6.8	6.8	2.4	5.6	5.6	2.0	5.2	5.2	1.9	4.9	4.9	1.9	
		19	7.2	6.7	1.9	7.4	7.3	2.2	7.3	7.2	2.4	5.9	5.9	2.0	5.6	5.6	1.9	5.2	5.2	1.9	
23		7.4	6.1	1.9	7.6	6.6	2.2	7.5	6.5	2.4	6.1	5.4	2.0	5.7	5.2	1.9	5.3	4.9	2.0		

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AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			30			35			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1760	18	9	4.5	2.0	1.4	4.6	3.1	1.6	4.5	2.1	1.8	3.7	1.8	1.5	3.5	1.7	1.4	3.2	1.6	1.4
		12	4.7	1.3	1.4	4.8	2.0	1.7	4.7	1.4	1.9	3.8	1.2	1.5	3.6	1.1	1.4	3.4	1.1	1.5
		15	5.6	1.3	1.6	5.8	2.1	1.9	5.7	1.4	2.0	4.6	1.2	1.7	4.3	1.1	1.6	4.0	1.1	1.6
	21	12	5.6	3.0	1.7	5.8	4.7	2.0	5.6	3.2	2.1	4.6	2.7	1.8	4.3	2.6	1.7	4.0	2.5	1.7
		15	5.7	2.5	1.7	5.9	3.8	2.0	5.8	2.7	2.2	4.7	2.2	1.8	4.4	2.1	1.7	4.1	2.0	1.7
		19	6.6	2.0	1.8	6.9	3.0	2.2	6.7	2.1	2.4	5.5	1.7	1.9	5.1	1.7	1.8	4.8	1.6	1.9
	24	16	6.0	3.1	1.7	6.2	4.8	2.0	6.0	3.3	2.2	4.9	2.8	1.8	4.6	2.6	1.7	4.3	2.5	1.7
		19	6.8	3.0	1.9	7.0	4.7	2.2	6.9	3.2	2.4	5.6	2.7	2.0	5.2	2.6	1.9	4.9	2.4	1.9
		23	6.7	1.4	1.9	6.9	2.2	2.3	6.7	1.5	2.5	5.5	1.3	2.0	5.1	1.2	1.9	4.8	1.2	2.0
	27	16	6.2	3.9	1.8	6.4	6.0	2.1	6.3	4.2	2.3	5.1	3.5	1.9	4.8	3.3	1.8	4.5	3.1	1.9
		19	6.9	3.8	1.9	7.1	6.0	2.2	7.0	4.1	2.4	5.7	3.4	2.0	5.4	3.3	1.9	5.0	3.1	1.9
		23	7.3	2.6	1.9	7.6	4.0	2.2	7.4	2.8	2.4	6.1	2.3	2.0	5.7	2.2	1.9	5.3	2.1	2.0
	29	19	7.1	4.1	1.9	7.3	6.4	2.2	7.1	4.4	2.4	5.8	3.7	2.0	5.5	3.5	1.9	5.1	3.3	1.9
		16	6.6	4.3	1.8	6.8	6.7	2.2	6.6	4.6	2.4	5.4	3.9	1.9	5.1	3.7	1.8	4.7	3.4	1.9
		19	7.1	4.4	1.9	7.4	6.8	2.2	7.2	4.7	2.4	5.9	3.9	2.0	5.5	3.7	1.9	5.1	3.6	1.9
	30	23	7.5	3.6	1.9	7.7	5.6	2.3	7.6	3.9	2.5	6.2	3.2	2.0	5.8	3.1	1.9	5.4	2.9	2.0
		16	6.9	4.7	1.9	7.1	7.3	2.2	7.0	5.0	2.4	5.7	4.1	2.0	5.3	3.8	1.9	5.0	3.6	1.9
		19	7.3	4.9	1.9	7.6	7.6	2.2	7.4	5.3	2.4	6.1	4.4	2.0	5.7	4.1	1.9	5.3	3.8	2.0
32	23	7.4	4.4	1.9	7.6	6.8	2.2	7.5	4.7	2.4	6.1	3.9	2.0	5.7	3.7	1.9	5.3	3.6	2.0	
	9	4.5	1.4	1.4	4.7	3.1	1.6	4.6	1.6	1.8	3.7	1.3	1.5	3.5	1.2	1.4	3.3	1.2	1.4	
	12	4.7	0.9	1.5	4.8	2.0	1.7	4.8	1.0	1.9	3.9	0.8	1.5	3.6	0.8	1.5	3.4	0.8	1.5	
1920	18	15	5.7	1.0	1.6	5.8	2.1	1.9	5.7	1.0	2.1	4.7	0.9	1.7	4.4	0.8	1.6	4.1	0.8	1.6
		12	5.6	2.2	1.7	5.8	4.7	2.0	5.7	2.4	2.2	4.7	2.0	1.8	4.4	1.9	1.7	4.1	1.8	1.7
		15	5.8	1.8	1.7	6.0	3.9	2.0	5.8	1.9	2.2	4.8	1.6	1.8	4.5	1.5	1.7	4.2	1.5	1.8
	21	19	6.7	1.4	1.9	6.9	3.1	2.2	6.8	1.5	2.4	5.5	1.3	2.0	5.2	1.2	1.9	4.8	1.2	1.9
		16	6.0	2.3	1.7	6.2	4.9	2.0	6.1	2.4	2.2	5.0	2.0	1.8	4.7	1.9	1.7	4.4	1.8	1.8
		19	6.9	2.2	1.9	7.1	4.7	2.2	6.9	2.3	2.4	5.7	2.0	2.0	5.3	1.9	1.9	4.9	1.8	1.9
	24	23	6.7	1.0	1.9	6.9	2.2	2.3	6.8	1.1	2.5	5.5	0.9	2.1	5.2	0.9	1.9	4.8	0.8	2.0
		16	6.3	2.8	1.8	6.5	6.1	2.2	6.4	3.0	2.4	5.2	2.5	1.9	4.9	2.4	1.8	4.5	2.3	1.9
		19	7.0	2.8	1.9	7.2	6.0	2.2	7.1	3.0	2.4	5.8	2.5	2.0	5.4	2.4	1.9	5.0	2.3	1.9
	27	23	7.4	1.9	1.9	7.6	4.1	2.3	7.5	2.0	2.5	6.1	1.7	2.0	5.7	1.6	1.9	5.3	1.5	2.0
		19	7.1	3.0	1.9	7.4	6.4	2.2	7.2	3.2	2.4	5.9	2.7	2.0	5.5	2.6	1.9	5.1	2.4	2.0
		16	6.6	3.1	1.9	6.8	6.8	2.2	6.7	3.4	2.4	5.5	2.8	2.0	5.1	2.7	1.9	4.8	2.5	1.9
	30	19	7.2	3.2	1.9	7.4	6.9	2.2	7.3	3.4	2.4	5.9	2.9	2.0	5.6	2.7	1.9	5.2	2.6	2.0
		23	7.6	2.6	1.9	7.8	5.6	2.3	7.6	2.8	2.5	6.2	2.3	2.1	5.8	2.2	1.9	5.5	2.1	2.0
		16	7.0	3.4	1.9	7.2	7.3	2.2	7.0	3.6	2.4	5.7	3.0	2.0	5.4	2.8	1.9	5.0	2.6	1.9
	32	19	7.4	3.6	1.9	7.6	7.7	2.3	7.5	3.8	2.5	6.1	3.2	2.0	5.7	3.0	1.9	5.3	2.8	2.0
		23	7.4	3.1	1.9	7.6	6.8	2.2	7.5	3.4	2.4	6.1	2.8	2.0	5.7	2.7	1.9	5.3	2.6	2.0

Outdoor Unit:GUHD30NK3C1O Indoor Unit:GFH30K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)														
			-15			-10			-7			-5			0		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1200	18	9	3.3	1.4	1.0	3.3	1.4	1.0	3.4	1.4	1.1	3.4	1.5	1.1	3.5	1.5	1.1
		12	3.4	0.9	1.1	3.4	0.9	1.1	3.5	0.9	1.1	3.5	1.0	1.1	3.6	1.0	1.1
		15	4.1	0.9	1.2	4.1	0.9	1.2	4.2	1.0	1.2	4.3	1.0	1.2	4.3	1.0	1.3
	21	12	4.1	2.1	1.2	4.1	2.1	1.2	4.2	2.2	1.3	4.2	2.2	1.3	4.3	2.3	1.3
		15	4.2	1.7	1.3	4.2	1.7	1.3	4.3	1.8	1.3	4.3	1.8	1.3	4.4	1.9	1.3
		19	4.8	1.3	1.3	4.9	1.4	1.4	5.0	1.4	1.4	5.1	1.4	1.4	5.1	1.5	1.4
	24	16	4.3	2.1	1.3	4.4	2.2	1.3	4.5	2.2	1.3	4.5	2.3	1.3	4.6	2.4	1.3
		19	4.9	2.0	1.4	5.0	2.1	1.4	5.1	2.2	1.4	5.2	2.2	1.4	5.2	2.3	1.5
		23	4.8	1.0	1.4	4.9	1.0	1.4	5.0	1.0	1.5	5.1	1.0	1.5	5.1	1.1	1.5
	27	16	4.5	2.6	1.3	4.6	2.7	1.4	4.7	2.8	1.4	4.7	2.9	1.4	4.8	2.9	1.4
		19	5.0	2.6	1.4	5.1	2.7	1.4	5.2	2.8	1.4	5.3	2.8	1.4	5.3	2.9	1.5
		23	5.3	1.8	1.4	5.4	1.8	1.4	5.5	1.9	1.5	5.6	1.9	1.5	5.7	2.0	1.5
29	19	5.1	2.8	1.4	5.2	2.9	1.4	5.3	3.0	1.4	5.4	3.0	1.5	5.4	3.1	1.5	
	16	4.8	2.9	1.3	4.8	3.0	1.4	4.9	3.1	1.4	5.0	3.2	1.4	5.1	3.3	1.4	
	19	5.2	3.0	1.4	5.3	3.1	1.4	5.3	3.2	1.4	5.4	3.3	1.5	5.5	3.3	1.5	
30	23	5.4	2.4	1.4	5.5	2.5	1.4	5.6	2.6	1.5	5.7	2.7	1.5	5.8	2.7	1.5	
	16	5.0	3.2	1.4	5.1	3.3	1.4	5.2	3.4	1.4	5.2	3.5	1.4	5.3	3.6	1.5	
	19	5.3	3.4	1.4	5.4	3.4	1.4	5.5	3.5	1.5	5.6	3.6	1.5	5.7	3.8	1.5	
32	23	5.9	3.3	1.4	6.0	3.4	1.5	6.1	3.5	1.5	6.2	3.6	1.5	6.3	3.7	1.5	
	18	3.4	1.5	1.0	3.5	1.5	1.0	3.5	1.6	1.1	3.6	1.6	1.1	3.6	1.7	1.1	
	12	3.6	1.0	1.1	3.6	1.0	1.1	3.7	1.0	1.1	3.7	1.1	1.1	3.8	1.1	1.2	
1350	18	12	3.6	1.0	1.1	3.6	1.0	1.1	3.7	1.0	1.1	3.7	1.1	1.1	3.8	1.1	1.2
		15	4.3	1.0	1.2	4.4	1.0	1.2	4.4	1.1	1.2	4.5	1.1	1.2	4.6	1.1	1.3
		12	4.3	2.3	1.2	4.3	2.3	1.3	4.4	2.4	1.3	4.5	2.5	1.3	4.5	2.5	1.3
	21	15	4.4	1.9	1.3	4.4	1.9	1.3	4.5	2.0	1.3	4.6	2.0	1.3	4.6	2.1	1.4
		19	5.1	1.5	1.4	5.2	1.5	1.4	5.2	1.5	1.4	5.3	1.6	1.4	5.4	1.6	1.5
		16	4.6	2.3	1.3	4.6	2.4	1.3	4.7	2.5	1.3	4.8	2.5	1.3	4.9	2.6	1.4
	24	19	5.2	2.3	1.4	5.3	2.3	1.4	5.4	2.4	1.4	5.4	2.5	1.4	5.5	2.5	1.5
		23	5.1	1.1	1.4	5.2	1.1	1.5	5.2	1.1	1.5	5.3	1.2	1.5	5.4	1.2	1.5
		16	4.8	2.9	1.3	4.8	3.0	1.4	4.9	3.1	1.4	5.0	3.2	1.4	5.1	3.2	1.4
	27	19	5.3	2.9	1.4	5.4	3.0	1.4	5.5	3.0	1.4	5.5	3.1	1.5	5.6	3.2	1.5
		23	5.6	2.0	1.4	5.7	2.0	1.4	5.8	2.1	1.5	5.9	2.1	1.5	6.0	2.2	1.5
		19	5.4	3.1	1.4	5.5	3.2	1.4	5.6	3.3	1.5	5.7	3.4	1.5	5.7	3.4	1.5
29	16	5.0	3.2	1.4	5.1	3.3	1.4	5.2	3.4	1.4	5.3	3.5	1.4	5.3	3.6	1.5	
	19	5.5	3.3	1.4	5.5	3.4	1.4	5.6	3.5	1.5	5.7	3.6	1.5	5.8	3.7	1.5	
	23	5.7	2.7	1.4	5.8	2.8	1.5	5.9	2.9	1.5	6.0	2.9	1.5	6.1	3.0	1.5	
30	16	5.3	3.5	1.4	5.4	3.6	1.4	5.4	3.7	1.4	5.5	3.8	1.5	5.6	3.9	1.5	
	19	5.6	3.7	1.4	5.7	3.8	1.4	5.8	3.9	1.5	5.9	4.0	1.5	6.0	4.1	1.5	
	23	5.9	3.4	1.4	6.0	3.5	1.5	6.1	3.6	1.5	6.2	3.7	1.5	6.3	3.8	1.5	
1500	18	9	3.5	1.6	1.0	3.6	1.7	1.1	3.6	1.7	1.1	3.7	1.8	1.1	3.7	1.8	1.1
		12	3.6	1.1	1.1	3.7	1.1	1.1	3.7	1.1	1.1	3.8	1.2	1.1	3.9	1.2	1.2
		15	4.4	1.1	1.2	4.5	1.1	1.2	4.5	1.2	1.2	4.6	1.2	1.3	4.6	1.2	1.3
	21	12	4.4	2.5	1.3	4.4	2.6	1.3	4.5	2.6	1.3	4.6	2.7	1.3	4.6	2.8	1.3
		15	4.5	2.0	1.3	4.5	2.1	1.3	4.6	2.1	1.3	4.7	2.2	1.3	4.7	2.3	1.4
		19	5.2	1.6	1.4	5.3	1.7	1.4	5.4	1.7	1.4	5.4	1.7	1.4	5.5	1.8	1.5
	24	16	4.7	2.5	1.3	4.7	2.6	1.3	4.8	2.7	1.3	4.9	2.8	1.3	5.0	2.9	1.4
		19	5.3	2.5	1.4	5.4	2.5	1.4	5.5	2.6	1.4	5.5	2.7	1.5	5.6	2.8	1.5
		23	5.2	1.2	1.4	5.3	1.2	1.5	5.4	1.2	1.5	5.4	1.3	1.5	5.5	1.3	1.5
	27	16	4.9	3.2	1.4	4.9	3.3	1.4	5.0	3.4	1.4	5.1	3.5	1.4	5.2	3.6	1.5
		19	5.4	3.2	1.4	5.5	3.2	1.4	5.6	3.3	1.5	5.7	3.4	1.5	5.7	3.5	1.5
		23	5.7	2.1	1.4	5.8	2.2	1.5	5.9	2.3	1.5	6.0	2.3	1.5	6.1	2.4	1.5
29	19	5.5	3.4	1.4	5.6	3.5	1.4	5.7	3.6	1.5	5.8	3.7	1.5	5.9	3.8	1.5	
	16	5.1	3.6	1.4	5.2	3.7	1.4	5.3	3.8	1.4	5.4	3.9	1.4	5.4	4.0	1.5	
	19	5.6	3.6	1.4	5.7	3.7	1.4	5.7	3.8	1.5	5.8	3.9	1.5	5.9	4.0	1.5	
30	23	5.9	3.0	1.4	5.9	3.0	1.5	6.0	3.1	1.5	6.1	3.2	1.5	6.2	3.3	1.5	
	16	5.4	3.8	1.4	5.5	4.0	1.4	5.6	4.1	1.5	5.6	4.2	1.5	5.7	4.3	1.5	
	19	5.7	4.0	1.4	5.8	4.2	1.5	5.9	4.3	1.5	6.0	4.4	1.5	6.1	4.5	1.5	
32	23	5.9	3.7	1.4	6.0	3.8	1.5	6.1	3.9	1.5	6.2	4.0	1.5	6.3	4.1	1.5	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)														
			-15			-10			-7			-5			0		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1650	18	9	3.6	1.2	1.0	3.6	1.2	1.1	3.7	1.3	1.1	3.7	1.3	1.1	3.8	1.3	1.1
		12	3.7	0.8	1.1	3.8	0.8	1.1	3.8	0.8	1.1	3.9	0.9	1.2	3.9	0.9	1.2
		15	4.5	0.8	1.2	4.5	0.8	1.2	4.6	0.9	1.2	4.7	0.9	1.3	4.7	0.9	1.3
	21	12	4.5	1.8	1.3	4.5	1.9	1.3	4.6	1.9	1.3	4.7	2.0	1.3	4.7	2.0	1.4
		15	4.6	1.5	1.3	4.6	1.5	1.3	4.7	1.6	1.3	4.8	1.6	1.4	4.8	1.7	1.4
		19	5.3	1.2	1.4	5.4	1.2	1.4	5.5	1.2	1.4	5.5	1.3	1.5	5.6	1.3	1.5
	24	16	4.8	1.9	1.3	4.8	1.9	1.3	4.9	2.0	1.3	5.0	2.0	1.4	5.0	2.1	1.4
		19	5.4	1.8	1.4	5.5	1.9	1.4	5.6	1.9	1.5	5.7	2.0	1.5	5.7	2.0	1.5
		23	5.3	0.9	1.5	5.4	0.9	1.5	5.5	0.9	1.5	5.5	0.9	1.5	5.6	1.0	1.6
	27	16	5.0	2.3	1.4	5.0	2.4	1.4	5.1	2.5	1.4	5.2	2.5	1.4	5.3	2.6	1.5
		19	5.5	2.3	1.4	5.6	2.4	1.4	5.7	2.5	1.5	5.8	2.5	1.5	5.9	2.6	1.5
		23	5.9	1.6	1.4	5.9	1.6	1.5	6.0	1.7	1.5	6.1	1.7	1.5	6.2	1.8	1.5
	29	19	5.6	2.5	1.4	5.7	2.6	1.5	5.8	2.6	1.5	5.9	2.7	1.5	6.0	2.8	1.5
		16	5.2	2.6	1.4	5.3	2.7	1.4	5.4	2.8	1.4	5.5	2.8	1.5	5.5	2.9	1.5
		19	5.7	2.7	1.4	5.8	2.7	1.5	5.9	2.8	1.5	5.9	2.9	1.5	6.0	3.0	1.5
	30	23	6.0	2.2	1.5	6.1	2.2	1.5	6.2	2.3	1.5	6.2	2.4	1.5	6.3	2.4	1.6
		16	5.5	2.8	1.4	5.6	2.9	1.4	5.7	3.0	1.5	5.8	3.1	1.5	5.8	3.2	1.5
		19	5.9	3.0	1.4	5.9	3.1	1.5	6.0	3.1	1.5	6.1	3.2	1.5	6.2	3.3	1.5
32	23	5.9	2.6	1.4	6.0	2.7	1.5	6.1	2.8	1.5	6.2	2.9	1.5	6.3	3.0	1.5	
	18	9	3.6	0.9	1.1	3.7	0.9	1.1	3.7	0.9	1.1	3.8	1.0	1.1	3.8	1.0	1.1
	12	3.7	0.6	1.1	3.8	0.6	1.1	3.9	0.6	1.1	3.9	0.6	1.2	4.0	0.6	1.2	
1800	18	15	4.5	0.6	1.2	4.6	0.6	1.2	4.7	0.6	1.3	4.7	0.6	1.3	4.8	0.7	1.3
		12	4.5	1.3	1.3	4.6	1.4	1.3	4.6	1.4	1.3	4.7	1.4	1.3	4.8	1.5	1.4
		15	4.6	1.1	1.3	4.7	1.1	1.3	4.7	1.1	1.4	4.8	1.2	1.4	4.9	1.2	1.4
	21	19	5.4	0.9	1.4	5.4	0.9	1.4	5.5	0.9	1.5	5.6	0.9	1.5	5.7	1.0	1.5
		16	4.8	1.4	1.3	4.9	1.4	1.3	5.0	1.4	1.4	5.0	1.5	1.4	5.1	1.5	1.4
		19	5.5	1.3	1.4	5.5	1.4	1.4	5.6	1.4	1.5	5.7	1.4	1.5	5.8	1.5	1.5
	24	23	5.4	0.6	1.5	5.4	0.6	1.5	5.5	0.7	1.5	5.6	0.7	1.6	5.7	0.7	1.6
		16	5.0	1.7	1.4	5.1	1.7	1.4	5.2	1.8	1.4	5.2	1.9	1.5	5.3	1.9	1.5
		19	5.6	1.7	1.4	5.7	1.7	1.5	5.7	1.8	1.5	5.8	1.8	1.5	5.9	1.9	1.5
	27	23	5.9	1.1	1.5	6.0	1.2	1.5	6.1	1.2	1.5	6.2	1.2	1.5	6.3	1.3	1.6
		19	5.7	1.8	1.4	5.8	1.9	1.5	5.9	1.9	1.5	5.9	2.0	1.5	6.0	2.0	1.5
		16	5.3	1.9	1.4	5.4	2.0	1.4	5.4	2.0	1.5	5.5	2.1	1.5	5.6	2.1	1.5
	30	19	5.7	1.9	1.4	5.8	2.0	1.5	5.9	2.0	1.5	6.0	2.1	1.5	6.1	2.2	1.5
		23	6.0	1.6	1.5	6.1	1.6	1.5	6.2	1.7	1.5	6.3	1.7	1.6	6.4	1.8	1.6
		16	5.6	2.1	1.4	5.6	2.1	1.5	5.7	2.2	1.5	5.8	2.2	1.5	5.9	2.3	1.5
	32	19	5.9	2.2	1.5	6.0	2.2	1.5	6.1	2.3	1.5	6.2	2.4	1.5	6.3	2.4	1.6
		23	5.9	1.9	1.4	6.0	2.0	1.5	6.1	2.0	1.5	6.2	2.1	1.5	6.3	2.1	1.5

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			5			10			15			18			21			25		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1200	18	9	3.5	1.6	1.1	3.6	1.6	1.1	3.6	1.6	1.1	3.7	1.7	1.2	4.0	1.9	1.3	4.6	2.4	1.4
		12	3.6	1.0	1.2	3.7	1.0	1.2	3.7	1.1	1.2	3.8	1.1	1.3	4.1	1.3	1.4	4.8	1.6	1.4
		15	4.4	1.0	1.3	4.4	1.1	1.3	4.5	1.1	1.3	4.6	1.1	1.4	4.9	1.3	1.5	5.7	1.6	1.6
	21	12	4.4	2.4	1.3	4.4	2.4	1.4	4.5	2.5	1.4	4.6	2.6	1.4	4.9	2.9	1.6	5.7	3.6	1.7
		15	4.5	1.9	1.4	4.5	2.0	1.4	4.6	2.0	1.4	4.7	2.1	1.5	5.0	2.4	1.6	5.9	3.0	1.7
		19	5.2	1.5	1.5	5.3	1.6	1.5	5.3	1.6	1.5	5.5	1.7	1.6	5.9	1.9	1.7	6.8	2.3	1.8
	24	16	4.7	2.4	1.4	4.7	2.5	1.4	4.8	2.6	1.4	4.9	2.7	1.5	5.3	3.0	1.6	6.1	3.7	1.7
		19	5.3	2.4	1.5	5.4	2.4	1.5	5.5	2.5	1.5	5.6	2.6	1.6	6.0	2.9	1.7	7.0	3.6	1.9
		23	5.2	1.1	1.5	5.3	1.1	1.6	5.3	1.2	1.6	5.5	1.2	1.7	5.9	1.4	1.8	6.8	1.7	1.9
	27	16	4.9	3.0	1.5	4.9	3.1	1.5	5.0	3.2	1.5	5.1	3.3	1.6	5.5	3.8	1.7	6.4	4.6	1.8
		19	5.4	3.0	1.5	5.5	3.1	1.5	5.6	3.2	1.5	5.7	3.3	1.6	6.1	3.7	1.7	7.1	4.6	1.9
		23	5.7	2.0	1.5	5.8	2.1	1.6	5.9	2.2	1.6	6.1	2.2	1.7	6.5	2.5	1.8	7.5	3.1	1.9
	29	19	5.5	3.2	1.5	5.6	3.3	1.5	5.7	3.4	1.6	5.8	3.5	1.6	6.2	4.0	1.8	7.2	4.9	1.9
		16	5.1	3.4	1.5	5.2	3.5	1.5	5.3	3.6	1.5	5.4	3.7	1.6	5.8	4.2	1.7	6.7	5.2	1.8
		19	5.6	3.4	1.5	5.7	3.5	1.5	5.7	3.6	1.6	5.9	3.8	1.6	6.3	4.3	1.8	7.3	5.3	1.9
	30	23	5.9	2.8	1.5	5.9	2.9	1.6	6.0	3.0	1.6	6.2	3.1	1.7	6.6	3.5	1.8	7.7	4.3	1.9
		16	5.4	3.7	1.5	5.5	3.8	1.5	5.5	3.9	1.5	5.7	4.0	1.6	6.1	4.6	1.7	7.1	5.6	1.9
		19	5.7	3.9	1.5	5.8	4.0	1.6	5.9	4.1	1.6	6.1	4.2	1.7	6.5	4.8	1.8	7.5	5.9	1.9
32	23	6.4	3.8	1.6	6.4	3.9	1.6	6.5	4.0	1.6	6.7	4.1	1.7	7.2	4.7	1.8	8.3	5.8	2.0	
	18	9	3.7	1.7	1.1	3.7	1.8	1.1	3.8	1.8	1.2	3.9	1.9	1.2	4.2	2.1	1.3	4.8	2.6	1.4
	12	3.8	1.1	1.2	3.9	1.1	1.2	3.9	1.2	1.2	4.1	1.2	1.3	4.3	1.4	1.4	5.0	1.7	1.5	
1350	18	15	4.6	1.2	1.3	4.7	1.2	1.3	4.8	1.2	1.3	4.9	1.3	1.4	5.2	1.4	1.5	6.1	1.8	1.6
		12	4.6	2.6	1.4	4.7	2.7	1.4	4.7	2.7	1.4	4.9	2.9	1.5	5.2	3.2	1.6	6.0	4.0	1.7
		15	4.7	2.1	1.4	4.8	2.2	1.4	4.8	2.2	1.4	5.0	2.3	1.5	5.3	2.6	1.6	6.2	3.3	1.7
	21	19	5.5	1.7	1.5	5.6	1.7	1.5	5.6	1.8	1.5	5.8	1.8	1.6	6.2	2.1	1.7	7.2	2.6	1.9
		16	4.9	2.7	1.4	5.0	2.7	1.4	5.1	2.8	1.4	5.2	2.9	1.5	5.5	3.3	1.6	6.4	4.1	1.7
		19	5.6	2.6	1.5	5.7	2.7	1.5	5.7	2.7	1.5	5.9	2.8	1.6	6.3	3.2	1.7	7.3	4.0	1.9
	24	23	5.5	1.2	1.6	5.6	1.3	1.6	5.6	1.3	1.6	5.8	1.3	1.7	6.2	1.5	1.8	7.2	1.9	1.9
		16	5.1	3.3	1.5	5.2	3.4	1.5	5.3	3.5	1.5	5.4	3.7	1.6	5.8	4.1	1.7	6.7	5.1	1.8
		19	5.7	3.3	1.5	5.8	3.4	1.5	5.9	3.5	1.6	6.0	3.6	1.6	6.4	4.1	1.8	7.5	5.1	1.9
	27	23	6.0	2.2	1.5	6.1	2.3	1.6	6.2	2.4	1.6	6.4	2.5	1.7	6.8	2.8	1.8	7.9	3.4	1.9
		19	5.8	3.5	1.5	5.9	3.6	1.6	6.0	3.7	1.6	6.1	3.9	1.7	6.6	4.4	1.8	7.6	5.4	1.9
		16	5.4	3.7	1.5	5.5	3.8	1.5	5.6	3.9	1.5	5.7	4.1	1.6	6.1	4.6	1.7	7.1	5.7	1.9
	30	19	5.9	3.8	1.5	6.0	3.9	1.6	6.0	4.0	1.6	6.2	4.2	1.7	6.6	4.7	1.8	7.7	5.8	1.9
		23	6.2	3.1	1.6	6.3	3.2	1.6	6.3	3.3	1.6	6.5	3.4	1.7	7.0	3.9	1.8	8.1	4.7	2.0
		16	5.7	4.0	1.5	5.8	4.1	1.5	5.8	4.3	1.6	6.0	4.4	1.6	6.4	5.0	1.8	7.4	6.2	1.9
	32	19	6.0	4.2	1.5	6.1	4.4	1.6	6.2	4.5	1.6	6.4	4.7	1.7	6.8	5.3	1.8	7.9	6.5	1.9
		23	6.4	3.9	1.6	6.4	4.0	1.6	6.5	4.1	1.6	6.7	4.3	1.7	7.2	4.9	1.8	8.3	6.0	2.0
		18	9	3.8	1.9	1.1	3.8	1.9	1.2	3.9	2.0	1.2	4.0	2.1	1.2	4.3	2.3	1.3	4.9	2.9
1500	18	12	3.9	1.2	1.2	4.0	1.3	1.2	4.0	1.3	1.2	4.1	1.3	1.3	4.4	1.5	1.4	5.1	1.9	1.5
		15	4.7	1.3	1.3	4.8	1.3	1.3	4.8	1.3	1.3	5.0	1.4	1.4	5.3	1.6	1.5	6.2	1.9	1.6
		12	4.7	2.9	1.4	4.8	2.9	1.4	4.8	3.0	1.4	5.0	3.1	1.5	5.3	3.6	1.6	6.1	4.4	1.7
	21	15	4.8	2.3	1.4	4.9	2.4	1.4	4.9	2.5	1.4	5.1	2.6	1.5	5.4	2.9	1.6	6.3	3.6	1.7
		19	5.6	1.8	1.5	5.7	1.9	1.5	5.7	1.9	1.5	5.9	2.0	1.6	6.3	2.3	1.7	7.3	2.8	1.9
		16	5.0	2.9	1.4	5.1	3.0	1.4	5.2	3.1	1.4	5.3	3.2	1.5	5.7	3.6	1.6	6.6	4.5	1.7
	24	19	5.7	2.8	1.5	5.8	2.9	1.5	5.9	3.0	1.6	6.0	3.1	1.6	6.4	3.5	1.8	7.5	4.4	1.9
		23	5.6	1.3	1.6	5.7	1.4	1.6	5.7	1.4	1.6	5.9	1.5	1.7	6.3	1.7	1.8	7.3	2.1	2.0
		16	5.2	3.7	1.5	5.3	3.8	1.5	5.4	3.9	1.5	5.5	4.0	1.6	5.9	4.6	1.7	6.9	5.6	1.9
	27	19	5.8	3.6	1.5	5.9	3.7	1.6	6.0	3.8	1.6	6.2	4.0	1.7	6.6	4.5	1.8	7.6	5.6	1.9
		23	6.2	2.5	1.6	6.3	2.5	1.6	6.3	2.6	1.6	6.5	2.7	1.7	7.0	3.1	1.8	8.1	3.8	2.0
		19	5.9	3.9	1.5	6.0	4.0	1.6	6.1	4.1	1.6	6.3	4.3	1.7	6.7	4.8	1.8	7.8	6.0	1.9
	29	16	5.5	4.1	1.5	5.6	4.2	1.5	5.7	4.3	1.5	5.8	4.5	1.6	6.2	5.1	1.7	7.2	6.3	1.9
		19	6.0	4.2	1.5	6.1	4.3	1.6	6.2	4.4	1.6	6.3	4.6	1.7	6.8	5.2	1.8	7.9	6.4	1.9
		23	6.3	3.4	1.6	6.4	3.5	1.6	6.5	3.6	1.6	6.7	3.7	1.7	7.1	4.2	1.8	8.2	5.2	2.0
	32	16	5.8	4.4	1.5	5.9	4.5	1.6	6.0	4.7	1.6	6.1	4.9	1.7	6.5	5.5	1.8	7.6	6.8	1.9
		19	6.2	4.7	1.6	6.3	4.8	1.6	6.3	4.9	1.6	6.5	5.1	1.7	7.0	5.8	1.8	8.1	7.1	2.0
		23	6.4	4.2	1.6	6.4	4.3	1.6	6.5	4.5	1.6	6.7	4.6	1.7	7.2	5.3	1.8	8.3	6.5	2.0

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			5			10			15			18			21			25		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1650	18	9	3.8	1.4	1.1	3.9	1.4	1.2	4.0	1.5	1.2	4.1	1.5	1.2	4.3	1.7	1.3	5.0	2.1	1.4
		12	4.0	0.9	1.2	4.0	0.9	1.2	4.1	1.0	1.2	4.2	1.0	1.3	4.5	1.1	1.4	5.2	1.4	1.5
		15	4.8	0.9	1.3	4.9	1.0	1.3	4.9	1.0	1.4	5.1	1.0	1.4	5.4	1.2	1.5	6.3	1.4	1.6
	21	12	4.8	2.1	1.4	4.9	2.2	1.4	4.9	2.2	1.4	5.1	2.3	1.5	5.4	2.6	1.6	6.3	3.2	1.7
		15	4.9	1.7	1.4	5.0	1.8	1.4	5.0	1.8	1.5	5.2	1.9	1.5	5.5	2.1	1.6	6.4	2.6	1.8
		19	5.7	1.4	1.5	5.8	1.4	1.5	5.9	1.4	1.6	6.0	1.5	1.6	6.4	1.7	1.8	7.5	2.1	1.9
	24	16	5.1	2.2	1.4	5.2	2.2	1.4	5.3	2.3	1.5	5.4	2.4	1.5	5.8	2.7	1.6	6.7	3.3	1.8
		19	5.8	2.1	1.5	5.9	2.1	1.6	6.0	2.2	1.6	6.1	2.3	1.7	6.6	2.6	1.8	7.6	3.2	1.9
		23	5.7	1.0	1.6	5.8	1.0	1.6	5.9	1.0	1.6	6.0	1.1	1.7	6.4	1.2	1.9	7.5	1.5	2.0
	27	16	5.3	2.7	1.5	5.4	2.8	1.5	5.5	2.8	1.5	5.6	3.0	1.6	6.0	3.3	1.7	7.0	4.1	1.9
		19	5.9	2.7	1.5	6.0	2.7	1.6	6.1	2.8	1.6	6.3	2.9	1.7	6.7	3.3	1.8	7.8	4.1	1.9
		23	6.3	1.8	1.6	6.4	1.9	1.6	6.5	1.9	1.6	6.6	2.0	1.7	7.1	2.3	1.8	8.2	2.8	2.0
	29	19	6.1	2.9	1.6	6.1	2.9	1.6	6.2	3.0	1.6	6.4	3.1	1.7	6.8	3.6	1.8	7.9	4.4	2.0
		16	5.6	3.0	1.5	5.7	3.1	1.5	5.8	3.2	1.6	5.9	3.3	1.6	6.3	3.7	1.8	7.4	4.6	1.9
		23	6.4	2.5	1.6	6.5	2.6	1.6	6.6	2.6	1.6	6.8	2.7	1.7	7.2	3.1	1.9	8.4	3.8	2.0
30	16	5.9	3.2	1.5	6.0	3.3	1.6	6.1	3.4	1.6	6.3	3.6	1.7	6.7	4.0	1.8	7.8	5.0	1.9	
	19	6.3	3.4	1.6	6.4	3.5	1.6	6.5	3.6	1.6	6.6	3.8	1.7	7.1	4.3	1.8	8.2	5.2	2.0	
	23	6.4	3.0	1.6	6.4	3.1	1.6	6.5	3.2	1.6	6.7	3.3	1.7	7.2	3.8	1.8	8.3	4.7	2.0	
1800	18	9	3.9	1.0	1.2	3.9	1.0	1.2	4.0	1.1	1.2	4.1	1.1	1.3	4.4	1.2	1.3	5.1	1.5	1.4
		12	4.0	0.7	1.2	4.1	0.7	1.2	4.1	0.7	1.2	4.3	0.7	1.3	4.5	0.8	1.4	5.3	1.0	1.5
		15	4.9	0.7	1.3	4.9	0.7	1.3	5.0	0.7	1.4	5.1	0.7	1.4	5.5	0.8	1.5	6.4	1.0	1.7
	21	12	4.8	1.5	1.4	4.9	1.6	1.4	5.0	1.6	1.4	5.1	1.7	1.5	5.4	1.9	1.6	6.3	2.3	1.7
		15	5.0	1.2	1.4	5.0	1.3	1.4	5.1	1.3	1.5	5.2	1.4	1.5	5.6	1.6	1.7	6.5	1.9	1.8
		19	5.8	1.0	1.5	5.8	1.0	1.6	5.9	1.0	1.6	6.1	1.1	1.7	6.5	1.2	1.8	7.5	1.5	1.9
	24	16	5.2	1.6	1.4	5.2	1.6	1.4	5.3	1.7	1.5	5.5	1.7	1.5	5.8	1.9	1.7	6.8	2.4	1.8
		19	5.9	1.5	1.5	6.0	1.6	1.6	6.0	1.6	1.6	6.2	1.7	1.7	6.6	1.9	1.8	7.7	2.3	1.9
		23	5.8	0.7	1.6	5.8	0.7	1.6	5.9	0.8	1.7	6.1	0.8	1.7	6.5	0.9	1.9	7.5	1.1	2.0
	27	16	5.4	2.0	1.5	5.5	2.0	1.5	5.5	2.1	1.6	5.7	2.1	1.6	6.1	2.4	1.8	7.1	3.0	1.9
		19	6.0	1.9	1.6	6.1	2.0	1.6	6.2	2.0	1.6	6.3	2.1	1.7	6.8	2.4	1.8	7.9	3.0	2.0
		23	6.4	1.3	1.6	6.4	1.4	1.6	6.5	1.4	1.6	6.7	1.4	1.7	7.2	1.6	1.9	8.3	2.0	2.0
	29	19	6.1	2.1	1.6	6.2	2.1	1.6	6.3	2.2	1.6	6.5	2.3	1.7	6.9	2.6	1.8	8.0	3.2	2.0
		16	5.7	2.2	1.5	5.8	2.2	1.6	5.8	2.3	1.6	6.0	2.4	1.7	6.4	2.7	1.8	7.4	3.3	1.9
		23	6.5	1.8	1.6	6.6	1.9	1.6	6.7	1.9	1.7	6.9	2.0	1.7	7.3	2.3	1.9	8.5	2.8	2.0
30	16	6.0	2.4	1.6	6.1	2.4	1.6	6.1	2.5	1.6	6.3	2.6	1.7	6.7	2.9	1.8	7.8	3.6	1.9	
	19	6.4	2.5	1.6	6.4	2.6	1.6	6.5	2.6	1.6	6.7	2.7	1.7	7.2	3.1	1.9	8.3	3.8	2.0	
	23	6.4	2.2	1.6	6.4	2.2	1.6	6.5	2.3	1.6	6.7	2.4	1.7	7.2	2.7	1.8	8.3	3.4	2.0	

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			30			35			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1200	18	9	4.8	2.6	1.6	4.9	2.8	1.8	4.8	2.8	2.0	4.0	2.3	1.7	3.7	2.2	1.6	3.5	2.1	1.6
		12	5.0	1.7	1.6	5.1	1.9	1.9	5.0	1.8	2.1	4.1	1.5	1.7	3.8	1.5	1.6	3.6	1.4	1.7
		15	6.0	1.8	1.8	6.2	1.9	2.1	6.1	1.9	2.3	4.9	1.6	1.9	4.6	1.5	1.8	4.3	1.4	1.8
	21	12	6.0	4.0	1.9	6.1	4.3	2.2	6.0	4.3	2.4	4.9	3.6	2.0	4.6	3.4	1.9	4.3	3.2	1.9
		15	6.1	3.3	1.9	6.3	3.5	2.3	6.2	3.5	2.5	5.0	2.9	2.0	4.7	2.8	1.9	4.4	2.6	2.0
		19	7.1	2.6	2.1	7.3	2.8	2.4	7.2	2.8	2.7	5.9	2.3	2.2	5.5	2.2	2.1	5.1	2.1	2.1
	24	16	6.4	4.1	1.9	6.6	4.4	2.3	6.4	4.4	2.5	5.3	3.7	2.0	4.9	3.5	1.9	4.6	3.3	2.0
		19	7.2	4.0	2.1	7.5	4.3	2.5	7.3	4.3	2.7	6.0	3.6	2.2	5.6	3.4	2.1	5.2	3.2	2.2
		23	7.1	1.9	2.2	7.3	2.0	2.6	7.2	2.0	2.8	5.9	1.7	2.3	5.5	1.6	2.2	5.1	1.5	2.2
	27	16	6.7	5.1	2.1	6.9	5.5	2.4	6.7	5.5	2.6	5.5	4.6	2.2	5.1	4.4	2.1	4.8	4.2	2.1
		19	7.4	5.1	2.1	7.6	5.5	2.5	7.5	5.4	2.7	6.1	4.5	2.2	5.7	4.3	2.1	5.3	4.1	2.2
		23	7.8	3.4	2.2	8.1	3.7	2.5	7.9	3.7	2.8	6.5	3.1	2.3	6.1	2.9	2.2	5.7	2.8	2.2
	29	19	7.5	5.4	2.1	7.8	5.9	2.5	7.6	5.8	2.8	6.2	4.9	2.3	5.8	4.6	2.1	5.4	4.4	2.2
		16	7.0	5.7	2.1	7.2	6.2	2.4	7.1	6.1	2.7	5.8	5.1	2.2	5.4	4.8	2.1	5.1	4.5	2.1
		19	7.6	5.8	2.1	7.9	6.3	2.5	7.7	6.2	2.8	6.3	5.2	2.3	5.9	4.9	2.1	5.5	4.7	2.2
30	23	8.0	4.7	2.2	8.2	5.1	2.6	8.1	5.1	2.8	6.6	4.2	2.3	6.2	4.1	2.2	5.8	3.9	2.2	
	16	7.4	6.2	2.1	7.6	6.7	2.5	7.4	6.6	2.7	6.1	5.4	2.2	5.7	5.1	2.1	5.3	4.7	2.2	
	19	7.8	6.5	2.2	8.1	7.1	2.5	7.9	7.0	2.8	6.5	5.8	2.3	6.1	5.4	2.2	5.7	5.0	2.2	
32	23	8.7	6.3	2.2	9.0	6.9	2.6	8.8	6.8	2.9	7.2	5.7	2.4	6.7	5.4	2.2	6.3	5.1	2.3	
	18	9	5.1	2.9	1.6	5.2	3.1	1.9	5.1	3.1	2.0	4.2	2.6	1.7	3.9	2.5	1.6	3.6	2.3	1.6
	12	5.2	1.9	1.7	5.4	2.0	2.0	5.3	2.0	2.1	4.3	1.7	1.8	4.1	1.6	1.7	3.8	1.5	1.7	
1350	18	15	6.3	1.9	1.8	6.5	2.1	2.1	6.4	2.1	2.3	5.2	1.7	1.9	4.9	1.7	1.8	4.6	1.6	1.9
		12	6.3	4.4	1.9	6.5	4.8	2.3	6.4	4.7	2.5	5.2	3.9	2.0	4.9	3.7	1.9	4.5	3.6	2.0
		15	6.4	3.6	2.0	6.6	3.9	2.3	6.5	3.9	2.5	5.3	3.2	2.1	5.0	3.1	2.0	4.6	2.9	2.0
	21	19	7.5	2.8	2.1	7.7	3.1	2.5	7.6	3.0	2.7	6.2	2.5	2.2	5.8	2.4	2.1	5.4	2.3	2.2
		16	6.7	4.5	2.0	6.9	4.9	2.3	6.8	4.8	2.5	5.5	4.0	2.1	5.2	3.8	2.0	4.9	3.7	2.0
		19	7.6	4.4	2.1	7.9	4.7	2.5	7.7	4.7	2.7	6.3	3.9	2.2	5.9	3.7	2.1	5.5	3.6	2.2
	24	23	7.5	2.1	2.2	7.7	2.2	2.6	7.6	2.2	2.8	6.2	1.8	2.3	5.8	1.8	2.2	5.4	1.7	2.3
		16	7.0	5.6	2.1	7.2	6.1	2.4	7.1	6.0	2.7	5.8	5.0	2.2	5.4	4.8	2.1	5.1	4.6	2.1
		19	7.8	5.6	2.1	8.0	6.1	2.5	7.9	6.0	2.8	6.4	5.0	2.3	6.0	4.8	2.1	5.6	4.5	2.2
	27	23	8.3	3.8	2.2	8.5	4.1	2.6	8.3	4.1	2.8	6.8	3.4	2.3	6.4	3.2	2.2	6.0	3.1	2.2
		19	8.0	6.0	2.2	8.2	6.5	2.5	8.0	6.4	2.8	6.6	5.3	2.3	6.1	5.1	2.2	5.7	4.9	2.2
		16	7.4	6.3	2.1	7.6	6.8	2.5	7.5	6.7	2.7	6.1	5.6	2.2	5.7	5.3	2.1	5.3	5.0	2.2
	30	19	8.0	6.4	2.2	8.3	6.9	2.5	8.1	6.9	2.8	6.6	5.7	2.3	6.2	5.5	2.2	5.8	5.2	2.2
		23	8.4	5.2	2.2	8.7	5.7	2.6	8.5	5.6	2.8	7.0	4.7	2.3	6.5	4.5	2.2	6.1	4.2	2.3
		16	7.8	6.8	2.1	8.0	7.4	2.5	7.8	7.3	2.8	6.4	6.0	2.3	6.0	5.6	2.1	5.6	5.2	2.2
32	19	8.3	7.2	2.2	8.5	7.8	2.6	8.3	7.7	2.8	6.8	6.3	2.3	6.4	5.9	2.2	6.0	5.5	2.2	
	23	8.7	6.6	2.2	9.0	7.2	2.6	8.8	7.1	2.9	7.2	5.9	2.4	6.7	5.7	2.2	6.3	5.4	2.3	
	18	9	5.2	3.2	1.6	5.3	3.4	1.9	5.2	3.4	2.1	4.3	2.8	1.7	4.0	2.7	1.6	3.7	2.6	1.6
1500	18	12	5.3	2.1	1.7	5.5	2.2	2.0	5.4	2.2	2.1	4.4	1.9	1.8	4.1	1.8	1.7	3.9	1.7	1.7
		15	6.4	2.1	1.8	6.6	2.3	2.2	6.5	2.3	2.4	5.3	1.9	2.0	5.0	1.8	1.8	4.6	1.7	1.9
		12	6.4	4.8	1.9	6.6	5.2	2.3	6.5	5.2	2.5	5.3	4.3	2.0	5.0	4.1	1.9	4.6	3.9	2.0
	21	15	6.6	3.9	2.0	6.8	4.3	2.3	6.6	4.2	2.5	5.4	3.5	2.1	5.1	3.4	2.0	4.7	3.2	2.0
		19	7.6	3.1	2.1	7.9	3.4	2.5	7.7	3.3	2.7	6.3	2.8	2.2	5.9	2.7	2.1	5.5	2.5	2.2
		16	6.9	4.9	2.0	7.1	5.4	2.3	6.9	5.3	2.5	5.7	4.4	2.1	5.3	4.2	2.0	5.0	4.0	2.0
	24	19	7.8	4.8	2.1	8.0	5.2	2.5	7.9	5.2	2.8	6.4	4.3	2.3	6.0	4.1	2.1	5.6	3.9	2.2
		23	7.6	2.3	2.2	7.9	2.4	2.6	7.7	2.4	2.9	6.3	2.0	2.4	5.9	1.9	2.2	5.5	1.8	2.3
		16	7.2	6.2	2.1	7.4	6.7	2.5	7.2	6.6	2.7	5.9	5.5	2.2	5.5	5.3	2.1	5.2	5.0	2.2
	27	19	8.0	6.1	2.2	8.2	6.6	2.6	8.0	6.6	2.8	6.6	5.5	2.3	6.2	5.2	2.2	5.7	5.0	2.2
		23	8.4	4.2	2.2	8.7	4.5	2.6	8.5	4.5	2.8	7.0	3.7	2.3	6.5	3.5	2.2	6.1	3.4	2.3
		19	8.1	6.6	2.2	8.4	7.1	2.6	8.2	7.0	2.8	6.7	5.9	2.3	6.3	5.6	2.2	5.9	5.3	2.2
	29	16	7.5	6.9	2.1	7.8	7.5	2.5	7.6	7.4	2.7	6.2	6.2	2.2	5.8	5.8	2.1	5.4	5.4	2.2
		19	8.2	7.0	2.2	8.4	7.6	2.6	8.3	7.5	2.8	6.8	6.3	2.3	6.3	6.0	2.2	5.9	5.7	2.2
		23	8.6	5.7	2.2	8.9	6.2	2.6	8.7	6.2	2.9	7.1	5.1	2.4	6.7	4.9	2.2	6.2	4.7	2.3
30	16	7.9	7.5	2.2	8.2	8.1	2.5	8.0	8.0	2.8	6.5	6.5	2.3	6.1	6.1	2.2	5.7	5.7	2.2	
	19	8.4	7.9	2.2	8.7	8.5	2.6	8.5	8.4	2.8	7.0	7.0	2.3	6.5	6.5	2.2	6.1	6.1	2.3	
	23	8.7	7.1	2.2	9.0	7.7	2.6	8.8	7.6	2.9	7.2	6.4	2.4	6.7	6.1	2.2	6.3	5.8	2.3	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			30			35			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1650	18	9	5.3	2.3	1.6	5.4	3.6	1.9	5.3	2.5	2.1	4.3	2.1	1.7	4.1	2.0	1.6	3.8	1.9	1.7
		12	5.5	1.5	1.7	5.6	2.4	2.0	5.5	1.6	2.2	4.5	1.4	1.8	4.2	1.3	1.7	3.9	1.2	1.7
		15	6.6	1.6	1.9	6.8	2.4	2.2	6.6	1.7	2.4	5.4	1.4	2.0	5.1	1.3	1.9	4.7	1.3	1.9
	21	12	6.5	3.5	2.0	6.7	5.5	2.3	6.6	3.8	2.5	5.4	3.2	2.1	5.1	3.0	2.0	4.7	2.9	2.0
		15	6.7	2.9	2.0	6.9	4.5	2.3	6.8	3.1	2.6	5.5	2.6	2.1	5.2	2.5	2.0	4.8	2.4	2.0
		19	7.8	2.3	2.1	8.0	3.6	2.5	7.9	2.5	2.8	6.4	2.0	2.3	6.0	2.0	2.1	5.6	1.9	2.2
	24	16	7.0	3.6	2.0	7.2	5.6	2.3	7.1	3.9	2.6	5.8	3.2	2.1	5.4	3.1	2.0	5.0	2.9	2.0
		19	8.0	3.5	2.2	8.2	5.5	2.5	8.0	3.8	2.8	6.6	3.2	2.3	6.1	3.0	2.2	5.7	2.9	2.2
		23	7.8	1.7	2.3	8.0	2.6	2.7	7.9	1.8	2.9	6.4	1.5	2.4	6.0	1.4	2.3	5.6	1.3	2.3
	27	16	7.3	4.5	2.1	7.5	7.0	2.5	7.4	4.9	2.7	6.0	4.1	2.2	5.6	3.9	2.1	5.3	3.7	2.2
		19	8.1	4.5	2.2	8.4	7.0	2.6	8.2	4.8	2.8	6.7	4.0	2.3	6.3	3.8	2.2	5.9	3.7	2.2
		23	8.6	3.0	2.2	8.9	4.7	2.6	8.7	3.3	2.9	7.1	2.7	2.4	6.6	2.6	2.2	6.2	2.5	2.3
	29	19	8.3	4.8	2.2	8.5	7.5	2.6	8.4	5.2	2.8	6.8	4.3	2.3	6.4	4.1	2.2	6.0	3.9	2.3
		16	7.7	5.1	2.1	7.9	7.9	2.5	7.8	5.4	2.8	6.3	4.5	2.3	5.9	4.3	2.1	5.5	4.0	2.2
		19	8.4	5.1	2.2	8.6	8.0	2.6	8.4	5.5	2.8	6.9	4.6	2.3	6.5	4.4	2.2	6.0	4.2	2.3
	30	23	8.8	4.2	2.3	9.0	6.5	2.7	8.9	4.5	2.9	7.2	3.8	2.4	6.8	3.6	2.3	6.3	3.4	2.3
		16	8.1	5.5	2.2	8.3	8.5	2.6	8.2	5.9	2.8	6.7	4.8	2.3	6.3	4.5	2.2	5.8	4.2	2.2
		19	8.6	5.8	2.2	8.9	9.0	2.6	8.7	6.2	2.9	7.1	5.1	2.4	6.6	4.8	2.2	6.2	4.5	2.3
32	23	8.7	5.1	2.2	9.0	8.0	2.6	8.8	5.5	2.9	7.2	4.6	2.4	6.7	4.4	2.2	6.3	4.2	2.3	
	9	5.3	1.7	1.6	5.5	3.7	1.9	5.4	1.8	2.1	4.4	1.5	1.7	4.1	1.4	1.6	3.8	1.4	1.7	
	12	5.5	1.1	1.7	5.7	2.4	2.0	5.6	1.2	2.2	4.5	1.0	1.8	4.3	0.9	1.7	4.0	0.9	1.8	
1800	18	15	6.6	1.1	1.9	6.8	2.5	2.2	6.7	1.2	2.4	5.5	1.0	2.0	5.1	1.0	1.9	4.8	0.9	1.9
		12	6.6	2.6	2.0	6.8	5.5	2.3	6.7	2.8	2.5	5.4	2.3	2.1	5.1	2.2	2.0	4.8	2.1	2.0
		15	6.8	2.1	2.0	7.0	4.5	2.4	6.8	2.3	2.6	5.6	1.9	2.1	5.2	1.8	2.0	4.9	1.7	2.1
	21	19	7.9	1.7	2.2	8.1	3.6	2.5	7.9	1.8	2.8	6.5	1.5	2.3	6.1	1.4	2.2	5.7	1.4	2.2
		16	7.1	2.6	2.0	7.3	5.7	2.4	7.1	2.8	2.6	5.8	2.4	2.1	5.5	2.3	2.0	5.1	2.1	2.1
		19	8.0	2.6	2.2	8.3	5.5	2.6	8.1	2.8	2.8	6.6	2.3	2.3	6.2	2.2	2.2	5.8	2.1	2.2
	24	23	7.9	1.2	2.3	8.1	2.6	2.7	7.9	1.3	2.9	6.5	1.1	2.4	6.1	1.0	2.3	5.7	1.0	2.3
		16	7.4	3.3	2.1	7.6	7.1	2.5	7.4	3.5	2.8	6.1	2.9	2.3	5.7	2.8	2.1	5.3	2.7	2.2
		19	8.2	3.3	2.2	8.4	7.0	2.6	8.3	3.5	2.8	6.8	2.9	2.3	6.3	2.8	2.2	5.9	2.7	2.3
	27	23	8.7	2.2	2.3	9.0	4.8	2.7	8.8	2.4	2.9	7.2	2.0	2.4	6.7	1.9	2.3	6.3	1.8	2.3
		19	8.4	3.5	2.2	8.6	7.5	2.6	8.4	3.8	2.9	6.9	3.1	2.4	6.5	3.0	2.2	6.0	2.8	2.3
		16	7.8	3.7	2.2	8.0	7.9	2.5	7.8	4.0	2.8	6.4	3.3	2.3	6.0	3.1	2.2	5.6	2.9	2.2
	30	19	8.4	3.7	2.2	8.7	8.1	2.6	8.5	4.0	2.9	7.0	3.3	2.4	6.5	3.2	2.2	6.1	3.0	2.3
		23	8.9	3.1	2.3	9.1	6.6	2.7	9.0	3.3	2.9	7.3	2.7	2.4	6.9	2.6	2.3	6.4	2.5	2.3
		16	8.2	4.0	2.2	8.4	8.6	2.6	8.2	4.3	2.8	6.7	3.5	2.3	6.3	3.3	2.2	5.9	3.1	2.3
	32	19	8.7	4.2	2.3	9.0	9.0	2.7	8.8	4.5	2.9	7.2	3.7	2.4	6.7	3.5	2.3	6.3	3.2	2.3
		23	8.7	3.7	2.2	9.0	8.0	2.6	8.8	4.0	2.9	7.2	3.3	2.4	6.7	3.2	2.2	6.3	3.0	2.3

Outdoor Unit:GUHD36NK3C1O/GUHD36NM3C1O Indoor Unit:GFH36K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)														
			-15			-10			-7			-5			0		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1840	18	9	4.0	1.7	1.2	4.0	1.7	1.3	4.1	1.7	1.3	4.2	1.8	1.3	4.2	1.8	1.3
		12	4.1	1.1	1.3	4.2	1.1	1.3	4.3	1.1	1.3	4.3	1.2	1.4	4.4	1.2	1.4
		15	5.0	1.1	1.4	5.0	1.1	1.5	5.1	1.2	1.5	5.2	1.2	1.5	5.3	1.2	1.5
	21	12	4.9	2.5	1.5	5.0	2.6	1.5	5.1	2.7	1.6	5.2	2.7	1.6	5.2	2.8	1.6
		15	5.1	2.0	1.5	5.1	2.1	1.6	5.2	2.2	1.6	5.3	2.2	1.6	5.4	2.3	1.6
		19	5.9	1.6	1.6	6.0	1.7	1.7	6.1	1.7	1.7	6.2	1.8	1.7	6.2	1.8	1.8
	24	16	5.3	2.6	1.5	5.4	2.6	1.6	5.5	2.7	1.6	5.5	2.8	1.6	5.6	2.9	1.6
		19	6.0	2.5	1.7	6.1	2.6	1.7	6.2	2.6	1.7	6.3	2.7	1.8	6.4	2.8	1.8
		23	5.9	1.2	1.7	6.0	1.2	1.8	6.1	1.2	1.8	6.2	1.3	1.8	6.3	1.3	1.9
	27	16	5.5	3.2	1.6	5.6	3.3	1.7	5.7	3.4	1.7	5.8	3.5	1.7	5.9	3.6	1.7
		19	6.1	3.2	1.7	6.2	3.3	1.7	6.3	3.4	1.7	6.4	3.5	1.8	6.5	3.6	1.8
		23	6.5	2.2	1.7	6.6	2.2	1.7	6.7	2.3	1.8	6.8	2.4	1.8	6.9	2.4	1.8
29	19	6.3	3.4	1.7	6.4	3.5	1.7	6.5	3.6	1.8	6.5	3.7	1.8	6.6	3.8	1.8	
	30	16	5.8	3.6	1.6	5.9	3.7	1.7	6.0	3.8	1.7	6.1	3.9	1.7	6.2	4.0	1.8
		19	6.3	3.6	1.7	6.4	3.7	1.7	6.5	3.9	1.8	6.6	4.0	1.8	6.7	4.1	1.8
23		6.6	3.0	1.7	6.7	3.1	1.8	6.8	3.2	1.8	6.9	3.2	1.8	7.0	3.3	1.9	
32	16	6.1	3.9	1.7	6.2	4.0	1.7	6.3	4.1	1.7	6.4	4.2	1.8	6.5	4.3	1.8	
	19	6.5	4.1	1.7	6.6	4.2	1.7	6.7	4.3	1.8	6.8	4.4	1.8	6.9	4.6	1.8	
	23	7.2	4.0	1.8	7.3	4.1	1.8	7.4	4.2	1.8	7.5	4.3	1.9	7.6	4.5	1.9	
2070	18	9	4.2	1.8	1.3	4.3	1.9	1.3	4.3	1.9	1.3	4.4	2.0	1.3	4.4	2.0	1.3
		12	4.3	1.2	1.3	4.4	1.2	1.3	4.5	1.3	1.4	4.5	1.3	1.4	4.6	1.3	1.4
		15	5.2	1.2	1.4	5.3	1.3	1.5	5.4	1.3	1.5	5.5	1.3	1.5	5.6	1.4	1.5
	21	12	5.2	2.8	1.5	5.3	2.8	1.5	5.4	2.9	1.6	5.5	3.0	1.6	5.5	3.1	1.6
		15	5.3	2.3	1.5	5.4	2.3	1.6	5.5	2.4	1.6	5.6	2.5	1.6	5.7	2.5	1.7
		19	6.2	1.8	1.7	6.3	1.8	1.7	6.4	1.9	1.7	6.5	1.9	1.8	6.6	2.0	1.8
	24	16	5.6	2.8	1.5	5.7	2.9	1.6	5.7	3.0	1.6	5.8	3.1	1.6	5.9	3.2	1.7
		19	6.3	2.8	1.7	6.4	2.8	1.7	6.5	2.9	1.7	6.6	3.0	1.8	6.7	3.1	1.8
		23	6.2	1.3	1.7	6.3	1.3	1.8	6.4	1.4	1.8	6.5	1.4	1.8	6.6	1.4	1.9
	27	16	5.8	3.5	1.6	5.9	3.6	1.7	6.0	3.7	1.7	6.1	3.9	1.7	6.2	4.0	1.8
		19	6.5	3.5	1.7	6.6	3.6	1.7	6.7	3.7	1.8	6.8	3.8	1.8	6.9	3.9	1.8
		23	6.9	2.4	1.7	7.0	2.4	1.8	7.1	2.5	1.8	7.2	2.6	1.8	7.3	2.7	1.9
29	19	6.6	3.8	1.7	6.7	3.9	1.7	6.8	4.0	1.8	6.9	4.1	1.8	7.0	4.2	1.8	
	30	16	6.1	3.9	1.7	6.2	4.1	1.7	6.3	4.2	1.7	6.4	4.3	1.8	6.5	4.4	1.8
		19	6.7	4.0	1.7	6.8	4.1	1.7	6.9	4.2	1.8	7.0	4.4	1.8	7.1	4.5	1.8
23		7.0	3.3	1.7	7.1	3.4	1.8	7.2	3.5	1.8	7.3	3.6	1.8	7.4	3.7	1.9	
32	16	6.4	4.3	1.7	6.5	4.4	1.7	6.6	4.5	1.8	6.7	4.7	1.8	6.8	4.8	1.8	
	19	6.9	4.5	1.7	7.0	4.6	1.8	7.1	4.8	1.8	7.2	4.9	1.8	7.3	5.0	1.9	
	23	7.2	4.2	1.8	7.3	4.3	1.8	7.4	4.4	1.8	7.5	4.5	1.9	7.6	4.7	1.9	
2300	18	9	4.3	2.0	1.3	4.3	2.1	1.3	4.4	2.1	1.3	4.5	2.2	1.3	4.5	2.2	1.4
		12	4.4	1.3	1.3	4.5	1.3	1.3	4.6	1.4	1.4	4.6	1.4	1.4	4.7	1.5	1.4
		15	5.3	1.3	1.5	5.4	1.4	1.5	5.5	1.4	1.5	5.6	1.5	1.5	5.7	1.5	1.6
	21	12	5.3	3.0	1.5	5.4	3.1	1.6	5.5	3.2	1.6	5.6	3.3	1.6	5.6	3.4	1.6
		15	5.4	2.5	1.6	5.5	2.5	1.6	5.6	2.6	1.6	5.7	2.7	1.6	5.8	2.8	1.7
		19	6.3	2.0	1.7	6.4	2.0	1.7	6.5	2.1	1.7	6.6	2.1	1.8	6.7	2.2	1.8
	24	16	5.7	3.1	1.6	5.8	3.2	1.6	5.9	3.3	1.6	6.0	3.4	1.6	6.0	3.5	1.7
		19	6.5	3.0	1.7	6.6	3.1	1.7	6.7	3.2	1.8	6.8	3.3	1.8	6.9	3.4	1.8
		23	6.3	1.4	1.8	6.4	1.5	1.8	6.5	1.5	1.8	6.6	1.5	1.9	6.7	1.6	1.9
	27	16	5.9	3.9	1.7	6.0	4.0	1.7	6.1	4.1	1.7	6.2	4.2	1.8	6.3	4.3	1.8
		19	6.6	3.8	1.7	6.7	4.0	1.7	6.8	4.1	1.8	6.9	4.2	1.8	7.0	4.3	1.8
		23	7.0	2.6	1.7	7.1	2.7	1.8	7.2	2.8	1.8	7.3	2.8	1.8	7.4	2.9	1.9
29	19	6.7	4.1	1.7	6.8	4.2	1.8	6.9	4.4	1.8	7.0	4.5	1.8	7.1	4.6	1.9	
	30	16	6.3	4.3	1.7	6.3	4.5	1.7	6.4	4.6	1.7	6.5	4.7	1.8	6.6	4.8	1.8
		19	6.8	4.4	1.7	6.9	4.5	1.8	7.0	4.7	1.8	7.1	4.8	1.8	7.2	4.9	1.9
23		7.1	3.6	1.8	7.2	3.7	1.8	7.4	3.8	1.8	7.5	3.9	1.9	7.6	4.0	1.9	
32	16	6.6	4.7	1.7	6.7	4.8	1.7	6.8	5.0	1.8	6.9	5.1	1.8	7.0	5.2	1.8	
	19	7.0	4.9	1.7	7.1	5.1	1.8	7.2	5.2	1.8	7.3	5.4	1.8	7.4	5.5	1.9	
	23	7.2	4.5	1.8	7.3	4.6	1.8	7.4	4.7	1.8	7.5	4.9	1.9	7.6	5.0	1.9	

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AFR	Indoor temperature		Outdoor temperature DB (°C)															
			-15			-10			-7			-5			0			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
2530	18	9	4.4	1.5	1.3	4.4	1.5	1.3	4.5	1.6	1.3	4.6	1.6	1.3	4.6	1.6	1.4	
		12	4.5	1.0	1.3	4.6	1.0	1.4	4.7	1.0	1.4	4.7	1.0	1.4	4.8	1.1	1.4	
		15	5.5	1.0	1.5	5.5	1.0	1.5	5.6	1.0	1.5	5.7	1.1	1.6	5.8	1.1	1.6	
	21	12	5.4	2.2	1.5	5.5	2.3	1.6	5.6	2.4	1.6	5.7	2.4	1.6	5.8	2.5	1.7	
		15	5.6	1.8	1.6	5.6	1.9	1.6	5.7	1.9	1.6	5.8	2.0	1.7	5.9	2.0	1.7	
		19	6.5	1.4	1.7	6.6	1.5	1.7	6.7	1.5	1.8	6.8	1.6	1.8	6.9	1.6	1.8	
	24	16	5.8	2.3	1.6	5.9	2.3	1.6	6.0	2.4	1.6	6.1	2.5	1.7	6.2	2.6	1.7	
		19	6.6	2.2	1.7	6.7	2.3	1.7	6.8	2.3	1.8	6.9	2.4	1.8	7.0	2.5	1.8	
		23	6.5	1.0	1.8	6.6	1.1	1.8	6.7	1.1	1.8	6.8	1.1	1.9	6.9	1.2	1.9	
	27	16	6.1	2.8	1.7	6.2	2.9	1.7	6.2	3.0	1.7	6.3	3.1	1.8	6.4	3.2	1.8	
		19	6.7	2.8	1.7	6.8	2.9	1.8	6.9	3.0	1.8	7.0	3.1	1.8	7.1	3.2	1.9	
		23	7.1	1.9	1.8	7.2	2.0	1.8	7.4	2.0	1.8	7.5	2.1	1.9	7.6	2.1	1.9	
	29	19	6.9	3.0	1.7	7.0	3.1	1.8	7.1	3.2	1.8	7.2	3.3	1.8	7.3	3.4	1.9	
		30	16	6.4	3.2	1.7	6.5	3.3	1.7	6.6	3.4	1.8	6.7	3.5	1.8	6.8	3.6	1.8
			19	6.9	3.2	1.7	7.0	3.3	1.8	7.1	3.4	1.8	7.2	3.5	1.8	7.4	3.6	1.9
	23		7.3	2.6	1.8	7.4	2.7	1.8	7.5	2.8	1.8	7.6	2.9	1.9	7.7	3.0	1.9	
	32	16	6.7	3.4	1.7	6.8	3.5	1.8	6.9	3.6	1.8	7.0	3.7	1.8	7.1	3.9	1.9	
		19	7.1	3.6	1.8	7.2	3.7	1.8	7.4	3.8	1.8	7.5	3.9	1.9	7.6	4.1	1.9	
23		7.2	3.2	1.8	7.3	3.3	1.8	7.4	3.4	1.8	7.5	3.5	1.9	7.6	3.6	1.9		
2760	18	9	4.4	1.1	1.3	4.5	1.1	1.3	4.5	1.1	1.3	4.6	1.2	1.4	4.7	1.2	1.4	
		12	4.6	0.7	1.4	4.6	0.7	1.4	4.7	0.7	1.4	4.8	0.8	1.4	4.8	0.8	1.5	
		15	5.5	0.7	1.5	5.6	0.7	1.5	5.7	0.8	1.5	5.8	0.8	1.6	5.8	0.8	1.6	
	21	12	5.5	1.6	1.6	5.6	1.7	1.6	5.6	1.7	1.6	5.7	1.8	1.6	5.8	1.8	1.7	
		15	5.6	1.3	1.6	5.7	1.4	1.6	5.8	1.4	1.7	5.9	1.4	1.7	6.0	1.5	1.7	
		19	6.5	1.0	1.7	6.6	1.1	1.7	6.7	1.1	1.8	6.8	1.1	1.8	6.9	1.2	1.8	
	24	16	5.9	1.7	1.6	6.0	1.7	1.6	6.0	1.8	1.6	6.1	1.8	1.7	6.2	1.9	1.7	
		19	6.7	1.6	1.7	6.8	1.7	1.8	6.9	1.7	1.8	7.0	1.8	1.8	7.1	1.8	1.9	
		23	6.5	0.8	1.8	6.6	0.8	1.8	6.7	0.8	1.9	6.8	0.8	1.9	6.9	0.8	1.9	
	27	16	6.1	2.1	1.7	6.2	2.1	1.7	6.3	2.2	1.8	6.4	2.3	1.8	6.5	2.3	1.8	
		19	6.8	2.1	1.7	6.9	2.1	1.8	7.0	2.2	1.8	7.1	2.2	1.8	7.2	2.3	1.9	
		23	7.2	1.4	1.8	7.3	1.4	1.8	7.4	1.5	1.8	7.5	1.5	1.9	7.6	1.6	1.9	
	29	19	6.9	2.2	1.8	7.0	2.3	1.8	7.1	2.3	1.8	7.2	2.4	1.9	7.4	2.5	1.9	
		30	16	6.4	2.3	1.7	6.5	2.4	1.7	6.6	2.4	1.8	6.7	2.5	1.8	6.8	2.6	1.8
			19	7.0	2.3	1.8	7.1	2.4	1.8	7.2	2.5	1.8	7.3	2.6	1.9	7.4	2.6	1.9
	23		7.4	1.9	1.8	7.5	2.0	1.8	7.6	2.0	1.9	7.7	2.1	1.9	7.8	2.2	1.9	
	32	16	6.8	2.5	1.7	6.9	2.6	1.8	7.0	2.7	1.8	7.1	2.7	1.8	7.2	2.8	1.9	
		19	7.2	2.6	1.8	7.3	2.7	1.8	7.4	2.8	1.8	7.5	2.9	1.9	7.6	3.0	1.9	
23		7.2	2.3	1.8	7.3	2.4	1.8	7.4	2.5	1.8	7.5	2.5	1.9	7.6	2.6	1.9		

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			5			10			15			18			21			25		
	DB (°C)	WB (°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1840	18	9	4.3	1.9	1.4	4.3	2.0	1.4	4.4	2.0	1.4	4.5	2.1	1.5	4.8	2.4	1.6	5.6	2.9	1.7
		12	4.4	1.2	1.4	4.5	1.3	1.4	4.6	1.3	1.5	4.7	1.4	1.5	5.0	1.5	1.7	5.8	1.9	1.8
		15	5.3	1.3	1.6	5.4	1.3	1.6	5.5	1.3	1.6	5.6	1.4	1.7	6.0	1.6	1.8	7.0	2.0	1.9
	21	12	5.3	2.9	1.6	5.4	3.0	1.7	5.5	3.0	1.7	5.6	3.2	1.8	6.0	3.6	1.9	7.0	4.4	2.0
		15	5.5	2.4	1.7	5.5	2.4	1.7	5.6	2.5	1.7	5.8	2.6	1.8	6.1	2.9	1.9	7.1	3.6	2.1
		19	6.3	1.9	1.8	6.4	1.9	1.8	6.5	2.0	1.9	6.7	2.0	1.9	7.1	2.3	2.1	8.3	2.9	2.2
	24	16	5.7	3.0	1.7	5.8	3.0	1.7	5.9	3.1	1.7	6.0	3.2	1.8	6.4	3.7	1.9	7.5	4.5	2.1
		19	6.5	2.9	1.8	6.6	3.0	1.8	6.7	3.0	1.9	6.8	3.2	2.0	7.3	3.6	2.1	8.5	4.4	2.3
		23	6.3	1.4	1.9	6.4	1.4	1.9	6.5	1.4	1.9	6.7	1.5	2.0	7.1	1.7	2.2	8.3	2.1	2.4
	27	16	5.9	3.7	1.8	6.0	3.8	1.8	6.1	3.9	1.8	6.3	4.1	1.9	6.7	4.6	2.1	7.8	5.7	2.2
		19	6.6	3.7	1.8	6.7	3.8	1.9	6.8	3.9	1.9	7.0	4.0	2.0	7.4	4.6	2.1	8.6	5.6	2.3
		23	7.0	2.5	1.9	7.1	2.6	1.9	7.2	2.6	1.9	7.4	2.7	2.0	7.9	3.1	2.2	9.2	3.8	2.3
	29	19	6.7	3.9	1.8	6.8	4.0	1.9	6.9	4.1	1.9	7.1	4.3	2.0	7.6	4.9	2.2	8.8	6.0	2.3
		16	6.3	4.1	1.8	6.3	4.2	1.8	6.4	4.4	1.9	6.6	4.5	1.9	7.1	5.1	2.1	8.2	6.3	2.2
		19	6.8	4.2	1.8	6.9	4.3	1.9	7.0	4.4	1.9	7.2	4.6	2.0	7.7	5.2	2.2	8.9	6.4	2.3
30	23	7.1	3.4	1.9	7.2	3.5	1.9	7.3	3.6	1.9	7.5	3.8	2.0	8.0	4.3	2.2	9.4	5.3	2.4	
	16	6.6	4.5	1.8	6.7	4.6	1.9	6.8	4.7	1.9	6.9	4.9	2.0	7.4	5.6	2.1	8.6	6.8	2.3	
	19	7.0	4.7	1.9	7.1	4.8	1.9	7.2	5.0	1.9	7.4	5.2	2.0	7.9	5.8	2.2	9.2	7.2	2.3	
32	23	7.8	4.6	1.9	7.9	4.7	2.0	8.0	4.8	2.0	8.2	5.0	2.1	8.7	5.7	2.2	10.2	7.0	2.4	
	18	9	4.5	2.1	1.4	4.6	2.1	1.4	4.6	2.2	1.4	4.8	2.3	1.5	5.1	2.6	1.6	5.9	3.2	1.7
	12	4.7	1.4	1.4	4.7	1.4	1.5	4.8	1.4	1.5	4.9	1.5	1.6	5.3	1.7	1.7	6.1	2.1	1.8	
2070	18	15	5.6	1.4	1.6	5.7	1.4	1.6	5.8	1.5	1.6	6.0	1.5	1.7	6.4	1.7	1.8	7.4	2.2	2.0
		12	5.6	3.2	1.7	5.7	3.3	1.7	5.8	3.3	1.7	5.9	3.5	1.8	6.3	3.9	1.9	7.3	4.9	2.1
		15	5.7	2.6	1.7	5.8	2.7	1.7	5.9	2.7	1.7	6.1	2.8	1.8	6.5	3.2	2.0	7.5	4.0	2.1
	21	19	6.7	2.1	1.8	6.8	2.1	1.8	6.9	2.2	1.9	7.1	2.3	2.0	7.5	2.6	2.1	8.7	3.1	2.3
		16	6.0	3.3	1.7	6.1	3.3	1.7	6.2	3.4	1.7	6.3	3.6	1.8	6.8	4.1	2.0	7.9	5.0	2.1
		19	6.8	3.2	1.8	6.9	3.3	1.9	7.0	3.3	1.9	7.2	3.5	2.0	7.7	3.9	2.1	8.9	4.8	2.3
	24	23	6.7	1.5	1.9	6.8	1.5	1.9	6.9	1.6	2.0	7.1	1.6	2.1	7.5	1.9	2.2	8.8	2.3	2.4
		16	6.3	4.1	1.8	6.4	4.2	1.8	6.4	4.3	1.9	6.6	4.5	1.9	7.1	5.1	2.1	8.2	6.2	2.2
		19	7.0	4.0	1.9	7.1	4.1	1.9	7.2	4.3	1.9	7.4	4.4	2.0	7.8	5.0	2.2	9.1	6.2	2.3
	27	23	7.4	2.7	1.9	7.5	2.8	1.9	7.6	2.9	2.0	7.8	3.0	2.0	8.3	3.4	2.2	9.7	4.2	2.4
		19	7.1	4.3	1.9	7.2	4.4	1.9	7.3	4.6	1.9	7.5	4.7	2.0	8.0	5.4	2.2	9.3	6.6	2.3
		16	6.6	4.5	1.8	6.7	4.7	1.8	6.8	4.8	1.9	7.0	5.0	2.0	7.4	5.6	2.1	8.6	7.0	2.3
	30	19	7.2	4.6	1.9	7.3	4.7	1.9	7.4	4.9	1.9	7.6	5.1	2.0	8.1	5.7	2.2	9.4	7.1	2.3
		23	7.5	3.8	1.9	7.6	3.9	1.9	7.7	4.0	2.0	7.9	4.1	2.1	8.5	4.7	2.2	9.9	5.8	2.4
		16	6.9	4.9	1.8	7.0	5.0	1.9	7.1	5.2	1.9	7.3	5.4	2.0	7.8	6.1	2.2	9.1	7.5	2.3
32	19	7.4	5.2	1.9	7.5	5.3	1.9	7.6	5.5	2.0	7.8	5.7	2.0	8.3	6.4	2.2	9.7	7.9	2.4	
	23	7.8	4.8	1.9	7.9	4.9	2.0	8.0	5.1	2.0	8.2	5.3	2.1	8.7	6.0	2.2	10.2	7.3	2.4	
	18	9	4.6	2.3	1.4	4.7	2.4	1.4	4.7	2.4	1.4	4.9	2.5	1.5	5.2	2.9	1.6	6.0	3.5	1.7
2300	18	12	4.8	1.5	1.4	4.8	1.5	1.5	4.9	1.6	1.5	5.0	1.6	1.6	5.4	1.9	1.7	6.3	2.3	1.8
		15	5.8	1.5	1.6	5.8	1.6	1.6	5.9	1.6	1.6	6.1	1.7	1.7	6.5	1.9	1.9	7.5	2.4	2.0
		12	5.7	3.5	1.7	5.8	3.6	1.7	5.9	3.7	1.7	6.0	3.8	1.8	6.5	4.3	1.9	7.5	5.3	2.1
	21	15	5.9	2.8	1.7	5.9	2.9	1.7	6.0	3.0	1.8	6.2	3.1	1.8	6.6	3.5	2.0	7.7	4.4	2.1
		19	6.8	2.3	1.8	6.9	2.3	1.9	7.0	2.4	1.9	7.2	2.5	2.0	7.7	2.8	2.1	8.9	3.4	2.3
		16	6.1	3.6	1.7	6.2	3.7	1.7	6.3	3.8	1.8	6.5	3.9	1.8	6.9	4.4	2.0	8.0	5.5	2.1
	24	19	7.0	3.5	1.9	7.1	3.6	1.9	7.2	3.7	1.9	7.4	3.8	2.0	7.8	4.3	2.2	9.1	5.3	2.3
		23	6.8	1.6	1.9	6.9	1.7	2.0	7.0	1.7	2.0	7.2	1.8	2.1	7.7	2.0	2.2	8.9	2.5	2.4
		16	6.4	4.5	1.8	6.5	4.6	1.8	6.6	4.7	1.9	6.8	4.9	2.0	7.2	5.6	2.1	8.4	6.8	2.3
	27	19	7.1	4.4	1.9	7.2	4.5	1.9	7.3	4.7	1.9	7.5	4.9	2.0	8.0	5.5	2.2	9.3	6.8	2.3
		23	7.5	3.0	1.9	7.6	3.1	1.9	7.7	3.2	2.0	8.0	3.3	2.1	8.5	3.7	2.2	9.9	4.6	2.4
		19	7.2	4.7	1.9	7.3	4.9	1.9	7.4	5.0	2.0	7.7	5.2	2.0	8.2	5.9	2.2	9.5	7.3	2.4
	29	16	6.7	5.0	1.8	6.8	5.1	1.9	6.9	5.3	1.9	7.1	5.5	2.0	7.6	6.2	2.1	8.8	7.6	2.3
		19	7.3	5.1	1.9	7.4	5.2	1.9	7.5	5.3	2.0	7.7	5.6	2.0	8.2	6.3	2.2	9.6	7.8	2.4
		23	7.7	4.1	1.9	7.8	4.3	2.0	7.9	4.4	2.0	8.1	4.6	2.1	8.7	5.2	2.2	10.1	6.3	2.4
30	16	7.1	5.4	1.9	7.2	5.5	1.9	7.3	5.7	1.9	7.5	5.9	2.0	8.0	6.7	2.2	9.3	8.3	2.3	
	19	7.5	5.7	1.9	7.6	5.8	1.9	7.7	6.0	2.0	8.0	6.2	2.1	8.5	7.1	2.2	9.9	8.7	2.4	
	23	7.8	5.1	1.9	7.9	5.3	2.0	8.0	5.4	2.0	8.2	5.6	2.1	8.7	6.4	2.2	10.2	7.9	2.4	

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AFR	Indoor temperature		Outdoor temperature DB (°C)																		
			5			10			15			18			21			25			
	DB (°C)	WB (°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
2530	18	9	4.7	1.7	1.4	4.8	1.7	1.4	4.8	1.8	1.4	5.0	1.8	1.5	5.3	2.1	1.6	6.1	2.6	1.7	
		12	4.9	1.1	1.5	4.9	1.1	1.5	5.0	1.2	1.5	5.1	1.2	1.6	5.5	1.4	1.7	6.4	1.7	1.8	
		15	5.9	1.1	1.6	5.9	1.2	1.6	6.0	1.2	1.7	6.2	1.2	1.7	6.6	1.4	1.9	7.7	1.7	2.0	
	21	12	5.8	2.6	1.7	5.9	2.6	1.7	6.0	2.7	1.7	6.2	2.8	1.8	6.6	3.2	2.0	7.6	3.9	2.1	
		15	6.0	2.1	1.7	6.1	2.1	1.7	6.1	2.2	1.8	6.3	2.3	1.9	6.7	2.6	2.0	7.8	3.2	2.2	
		19	7.0	1.7	1.8	7.1	1.7	1.9	7.1	1.7	1.9	7.3	1.8	2.0	7.8	2.1	2.2	9.1	2.5	2.3	
	24	16	6.2	2.6	1.7	6.3	2.7	1.7	6.4	2.8	1.8	6.6	2.9	1.9	7.0	3.3	2.0	8.2	4.0	2.1	
		19	7.1	2.5	1.9	7.2	2.6	1.9	7.3	2.7	1.9	7.5	2.8	2.0	8.0	3.2	2.2	9.3	3.9	2.3	
		23	7.0	1.2	1.9	7.1	1.2	2.0	7.2	1.3	2.0	7.3	1.3	2.1	7.8	1.5	2.3	9.1	1.8	2.4	
	27	16	6.5	3.3	1.8	6.6	3.4	1.9	6.7	3.5	1.9	6.9	3.6	2.0	7.3	4.1	2.1	8.5	5.0	2.3	
		19	7.2	3.3	1.9	7.3	3.3	1.9	7.4	3.4	2.0	7.7	3.6	2.0	8.2	4.0	2.2	9.5	5.0	2.4	
		23	7.7	2.2	1.9	7.8	2.3	2.0	7.9	2.3	2.0	8.1	2.4	2.1	8.6	2.7	2.2	10.1	3.4	2.4	
	29	19	7.4	3.5	1.9	7.5	3.6	1.9	7.6	3.7	2.0	7.8	3.8	2.1	8.3	4.3	2.2	9.7	5.3	2.4	
		30	16	6.9	3.7	1.8	7.0	3.8	1.9	7.1	3.9	1.9	7.2	4.0	2.0	7.7	4.6	2.2	9.0	5.6	2.3
			19	7.5	3.7	1.9	7.6	3.8	1.9	7.7	3.9	2.0	7.9	4.1	2.1	8.4	4.6	2.2	9.8	5.7	2.4
	23		7.8	3.0	1.9	7.9	3.1	2.0	8.1	3.2	2.0	8.3	3.3	2.1	8.8	3.8	2.3	10.3	4.7	2.4	
	32	16	7.2	4.0	1.9	7.3	4.1	1.9	7.4	4.2	1.9	7.6	4.3	2.0	8.1	4.9	2.2	9.5	6.1	2.4	
		19	7.7	4.2	1.9	7.8	4.3	2.0	7.9	4.4	2.0	8.1	4.6	2.1	8.6	5.2	2.2	10.1	6.4	2.4	
23		7.8	3.7	1.9	7.9	3.8	2.0	8.0	3.9	2.0	8.2	4.1	2.1	8.7	4.6	2.2	10.2	5.7	2.4		
2760	18	9	4.7	1.2	1.4	4.8	1.3	1.4	4.9	1.3	1.5	5.0	1.3	1.5	5.3	1.5	1.6	6.2	1.9	1.8	
		12	4.9	0.8	1.5	5.0	0.8	1.5	5.1	0.8	1.5	5.2	0.9	1.6	5.5	1.0	1.7	6.4	1.2	1.8	
		15	5.9	0.8	1.6	6.0	0.8	1.6	6.1	0.9	1.7	6.3	0.9	1.8	6.7	1.0	1.9	7.8	1.3	2.0	
	21	12	5.9	1.9	1.7	6.0	1.9	1.7	6.1	2.0	1.8	6.2	2.0	1.8	6.6	2.3	2.0	7.7	2.8	2.1	
		15	6.0	1.5	1.7	6.1	1.6	1.8	6.2	1.6	1.8	6.4	1.7	1.9	6.8	1.9	2.0	7.9	2.3	2.2	
		19	7.0	1.2	1.9	7.1	1.2	1.9	7.2	1.3	1.9	7.4	1.3	2.0	7.9	1.5	2.2	9.2	1.8	2.3	
	24	16	6.3	1.9	1.7	6.4	2.0	1.8	6.5	2.0	1.8	6.7	2.1	1.9	7.1	2.4	2.0	8.3	2.9	2.2	
		19	7.2	1.9	1.9	7.3	1.9	1.9	7.4	2.0	2.0	7.6	2.0	2.0	8.1	2.3	2.2	9.4	2.8	2.4	
		23	7.0	0.9	2.0	7.1	0.9	2.0	7.2	0.9	2.0	7.4	1.0	2.1	7.9	1.1	2.3	9.2	1.3	2.5	
	27	16	6.6	2.4	1.8	6.7	2.4	1.9	6.8	2.5	1.9	7.0	2.6	2.0	7.4	3.0	2.2	8.6	3.6	2.3	
		19	7.3	2.4	1.9	7.4	2.4	1.9	7.5	2.5	2.0	7.7	2.6	2.1	8.2	2.9	2.2	9.6	3.6	2.4	
		23	7.8	1.6	1.9	7.9	1.6	2.0	8.0	1.7	2.0	8.2	1.8	2.1	8.7	2.0	2.3	10.2	2.5	2.4	
	29	19	7.5	2.5	1.9	7.6	2.6	2.0	7.7	2.7	2.0	7.9	2.8	2.1	8.4	3.1	2.2	9.8	3.9	2.4	
		30	16	6.9	2.7	1.9	7.0	2.7	1.9	7.1	2.8	1.9	7.3	2.9	2.0	7.8	3.3	2.2	9.1	4.1	2.3
			19	7.5	2.7	1.9	7.6	2.8	2.0	7.7	2.9	2.0	8.0	3.0	2.1	8.5	3.4	2.2	9.9	4.1	2.4
	23		7.9	2.2	2.0	8.0	2.3	2.0	8.1	2.3	2.0	8.4	2.4	2.1	8.9	2.8	2.3	10.4	3.4	2.5	
	32	16	7.3	2.9	1.9	7.4	3.0	1.9	7.5	3.0	2.0	7.7	3.2	2.1	8.2	3.6	2.2	9.5	4.4	2.4	
		19	7.8	3.0	1.9	7.9	3.1	2.0	8.0	3.2	2.0	8.2	3.3	2.1	8.7	3.8	2.3	10.2	4.6	2.4	
23		7.8	2.7	1.9	7.9	2.7	2.0	8.0	2.8	2.0	8.2	2.9	2.1	8.7	3.3	2.2	10.2	4.1	2.4		

AFR	Indoor temperature		Outdoor temperature DB (°C)																		
			30			35			39			43			46			48			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1840	18	9	5.8	3.2	1.9	6.0	3.5	2.3	5.9	3.4	2.5	4.8	2.9	2.0	4.5	2.7	1.9	4.2	2.6	2.0	
		12	6.1	2.1	2.0	6.3	2.3	2.4	6.1	2.2	2.6	5.0	1.9	2.1	4.7	1.8	2.0	4.4	1.7	2.1	
		15	7.3	2.2	2.2	7.5	2.3	2.6	7.4	2.3	2.8	6.0	1.9	2.3	5.6	1.8	2.2	5.3	1.7	2.3	
	21	12	7.3	4.9	2.3	7.5	5.3	2.7	7.3	5.2	3.0	6.0	4.3	2.5	5.6	4.2	2.3	5.2	3.9	2.4	
		15	7.4	4.0	2.4	7.7	4.3	2.8	7.5	4.3	3.0	6.1	3.6	2.5	5.8	3.4	2.4	5.4	3.2	2.4	
		19	8.7	3.1	2.5	8.9	3.4	3.0	8.7	3.4	3.3	7.1	2.8	2.7	6.7	2.7	2.5	6.2	2.6	2.6	
	24	16	7.8	5.0	2.4	8.0	5.4	2.8	7.9	5.4	3.0	6.4	4.5	2.5	6.0	4.3	2.4	5.6	4.1	2.4	
		19	8.8	4.8	2.6	9.1	5.3	3.0	8.9	5.2	3.3	7.3	4.3	2.7	6.8	4.1	2.6	6.4	3.9	2.6	
		23	8.7	2.3	2.7	8.9	2.5	3.1	8.8	2.4	3.4	7.1	2.0	2.8	6.7	1.9	2.7	6.3	1.9	2.7	
	27	16	8.1	6.2	2.5	8.4	6.8	3.0	8.2	6.7	3.2	6.7	5.6	2.7	6.3	5.3	2.5	5.9	5.1	2.6	
		19	9.0	6.2	2.6	9.3	6.7	3.1	9.1	6.6	3.3	7.4	5.5	2.7	7.0	5.3	2.6	6.5	5.0	2.7	
		23	9.6	4.2	2.6	9.9	4.5	3.1	9.7	4.5	3.4	7.9	3.7	2.8	7.4	3.6	2.6	6.9	3.4	2.7	
	29	19	9.2	6.6	2.6	9.5	7.2	3.1	9.3	7.1	3.4	7.6	5.9	2.8	7.1	5.7	2.6	6.6	5.4	2.7	
		30	16	8.5	7.0	2.5	8.8	7.5	3.0	8.6	7.5	3.3	7.1	6.2	2.7	6.6	5.9	2.5	6.2	5.5	2.6
			19	9.3	7.1	2.6	9.6	7.7	3.1	9.4	7.6	3.4	7.7	6.3	2.8	7.2	6.0	2.6	6.7	5.7	2.7
	23		9.8	5.8	2.7	10.1	6.3	3.1	9.9	6.2	3.4	8.0	5.2	2.8	7.5	4.9	2.7	7.0	4.7	2.7	
	32	16	9.0	7.5	2.6	9.3	8.2	3.1	9.1	8.1	3.3	7.4	6.6	2.7	6.9	6.2	2.6	6.5	5.8	2.7	
		19	9.6	7.9	2.6	9.9	8.6	3.1	9.7	8.5	3.4	7.9	7.0	2.8	7.4	6.6	2.6	6.9	6.1	2.7	
23		10.6	7.7	2.7	10.9	8.4	3.2	10.7	8.3	3.5	8.7	6.9	2.9	8.2	6.6	2.7	7.6	6.3	2.8		
2070	18	9	6.2	3.5	1.9	6.4	3.8	2.3	6.2	3.8	2.5	5.1	3.2	2.1	4.8	3.0	1.9	4.4	2.9	2.0	
		12	6.4	2.3	2.0	6.6	2.5	2.4	6.5	2.5	2.6	5.3	2.1	2.1	4.9	2.0	2.0	4.6	1.9	2.1	
		15	7.7	2.4	2.2	7.9	2.6	2.6	7.8	2.5	2.9	6.4	2.1	2.4	6.0	2.0	2.2	5.6	1.9	2.3	
	21	12	7.7	5.3	2.3	7.9	5.8	2.8	7.7	5.7	3.0	6.3	4.8	2.5	5.9	4.6	2.3	5.5	4.3	2.4	
		15	7.8	4.4	2.4	8.1	4.7	2.8	7.9	4.7	3.1	6.5	3.9	2.5	6.1	3.7	2.4	5.7	3.6	2.4	
		19	9.1	3.5	2.6	9.4	3.8	3.0	9.2	3.7	3.3	7.5	3.1	2.7	7.1	3.0	2.6	6.6	2.8	2.6	
	24	16	8.2	5.5	2.4	8.5	6.0	2.8	8.3	5.9	3.1	6.8	4.9	2.5	6.3	4.7	2.4	5.9	4.5	2.4	
		19	9.3	5.3	2.6	9.6	5.8	3.1	9.4	5.7	3.3	7.7	4.8	2.7	7.2	4.6	2.6	6.7	4.3	2.7	
		23	9.1	2.5	2.7	9.4	2.7	3.2	9.2	2.7	3.5	7.5	2.2	2.9	7.1	2.1	2.7	6.6	2.0	2.8	
	27	16	8.6	6.9	2.5	8.8	7.4	3.0	8.6	7.4	3.3	7.1	6.1	2.7	6.6	5.9	2.5	6.2	5.6	2.6	
		19	9.5	6.8	2.6	9.8	7.4	3.1	9.6	7.3	3.4	7.8	6.1	2.8	7.4	5.8	2.6	6.9	5.5	2.7	
		23	10.1	4.6	2.7	10.4	5.0	3.1	10.2	5.0	3.4	8.3	4.1	2.8	7.8	3.9	2.7	7.3	3.8	2.7	
	29	19	9.7	7.3	2.6	10.0	7.9	3.1	9.8	7.8	3.4	8.0	6.5	2.8	7.5	6.2	2.6	7.0	5.9	2.7	
		30	16	9.0	7.7	2.6	9.3	8.3	3.0	9.1	8.2	3.3	7.4	6.8	2.7	7.0	6.5	2.6	6.5	6.0	2.6
			19	9.8	7.8	2.6	10.1	8.4	3.1	9.9	8.4	3.4	8.1	7.0	2.8	7.6	6.6	2.6	7.1	6.3	2.7
	23		10.3	6.4	2.7	10.6	6.9	3.2	10.4	6.8	3.5	8.5	5.7	2.9	7.9	5.4	2.7	7.4	5.2	2.8	
	32	16	9.5	8.3	2.6	9.8	9.0	3.1	9.6	8.9	3.4	7.8	7.3	2.8	7.3	6.8	2.6	6.8	6.4	2.7	
		19	10.1	8.7	2.7	10.4	9.5	3.1	10.2	9.4	3.4	8.3	7.7	2.8	7.8	7.2	2.7	7.3	6.8	2.7	
23		10.6	8.1	2.7	10.9	8.8	3.2	10.7	8.7	3.5	8.7	7.2	2.9	8.2	6.9	2.7	7.6	6.6	2.8		
2300	18	9	6.3	3.9	2.0	6.5	4.2	2.3	6.4	4.2	2.5	5.2	3.5	2.1	4.9	3.3	2.0	4.5	3.1	2.0	
		12	6.5	2.5	2.0	6.7	2.7	2.4	6.6	2.7	2.6	5.4	2.3	2.2	5.0	2.2	2.0	4.7	2.1	2.1	
		15	7.9	2.6	2.3	8.1	2.8	2.6	7.9	2.8	2.9	6.5	2.3	2.4	6.1	2.2	2.3	5.7	2.1	2.3	
	21	12	7.8	5.9	2.4	8.1	6.4	2.8	7.9	6.3	3.0	6.5	5.2	2.5	6.0	5.0	2.4	5.6	4.8	2.4	
		15	8.0	4.8	2.4	8.3	5.2	2.8	8.1	5.2	3.1	6.6	4.3	2.6	6.2	4.1	2.4	5.8	3.9	2.5	
		19	9.3	3.8	2.6	9.6	4.1	3.1	9.4	4.1	3.3	7.7	3.4	2.7	7.2	3.2	2.6	6.7	3.1	2.7	
	24	16	8.4	6.0	2.4	8.6	6.5	2.8	8.5	6.5	3.1	6.9	5.4	2.6	6.5	5.1	2.4	6.0	4.9	2.5	
		19	9.5	5.9	2.6	9.8	6.4	3.1	9.6	6.3	3.4	7.8	5.2	2.8	7.4	5.0	2.6	6.9	4.8	2.7	
		23	9.3	2.8	2.7	9.6	3.0	3.2	9.4	3.0	3.5	7.7	2.5	2.9	7.2	2.4	2.7	6.7	2.2	2.8	
	27	16	8.7	7.5	2.6	9.0	8.2	3.0	8.8	8.1	3.3	7.2	6.7	2.7	6.8	6.4	2.6	6.3	6.1	2.6	
		19	9.7	7.5	2.6	10.0	8.1	3.1	9.8	8.0	3.4	8.0	6.7	2.8	7.5	6.4	2.6	7.0	6.1	2.7	
		23	10.3	5.1	2.7	10.6	5.5	3.2	10.4	5.4	3.5	8.5	4.5	2.9	8.0	4.3	2.7	7.4	4.1	2.8	
	29	19	9.9	8.0	2.7	10.2	8.7	3.1	10.0	8.6	3.4	8.2	7.1	2.8	7.7	6.8	2.7	7.1	6.5	2.7	
		30	16	9.2	8.4	2.6	9.5	9.1	3.1	9.3	9.0	3.3	7.6	7.5	2.7	7.1	7.1	2.6	6.6	6.6	2.7
			19	10.0	8.5	2.7	10.3	9.3	3.1	10.1	9.2	3.4	8.2	7.6	2.8	7.7	7.3	2.7	7.2	6.9	2.7
	23		10.5	7.0	2.7	10.8	7.6	3.2	10.6	7.5	3.5	8.7	6.2	2.9	8.1	6.0	2.7	7.6	5.7	2.8	
	32	16	9.7	9.1	2.6	10.0	9.9	3.1	9.8	9.8	3.4	8.0	8.0	2.8	7.5	7.5	2.6	7.0	7.0	2.7	
		19	10.3	9.6	2.7	10.6	10.4	3.2	10.4	10.3	3.5	8.5	8.5	2.9	8.0	8.0	2.7	7.4	7.4	2.8	
23		10.6	8.7	2.7	10.9	9.4	3.2	10.7	9.3	3.5	8.7	7.8	2.9	8.2	7.4	2.7	7.6	7.1	2.8		

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AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			30			35			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2530	18	9	6.4	2.8	2.0	6.6	4.4	2.3	6.5	3.1	2.5	5.3	2.5	2.1	5.0	2.4	2.0	4.6	2.3	2.0
		12	6.7	1.9	2.1	6.9	2.9	2.4	6.7	2.0	2.7	5.5	1.7	2.2	5.1	1.6	2.1	4.8	1.5	2.1
		15	8.0	1.9	2.3	8.3	3.0	2.7	8.1	2.1	2.9	6.6	1.7	2.4	6.2	1.6	2.3	5.8	1.6	2.3
	21	12	8.0	4.3	2.4	8.2	6.7	2.8	8.1	4.6	3.1	6.6	3.9	2.5	6.2	3.7	2.4	5.8	3.5	2.4
		15	8.2	3.5	2.4	8.4	5.5	2.9	8.3	3.8	3.1	6.7	3.2	2.6	6.3	3.0	2.4	5.9	2.9	2.5
		19	9.5	2.8	2.6	9.8	4.3	3.1	9.6	3.0	3.4	7.8	2.5	2.8	7.3	2.4	2.6	6.9	2.3	2.7
	24	16	8.5	4.4	2.4	8.8	6.9	2.9	8.6	4.8	3.1	7.0	4.0	2.6	6.6	3.8	2.4	6.2	3.6	2.5
		19	9.7	4.3	2.6	10.0	6.7	3.1	9.8	4.6	3.4	8.0	3.8	2.8	7.5	3.7	2.6	7.0	3.5	2.7
		23	9.5	2.0	2.8	9.8	3.1	3.2	9.6	2.2	3.5	7.8	1.8	2.9	7.3	1.7	2.8	6.9	1.6	2.8
	27	16	8.9	5.5	2.6	9.2	8.6	3.1	9.0	5.9	3.3	7.3	4.9	2.7	6.9	4.7	2.6	6.4	4.5	2.7
		19	9.9	5.5	2.7	10.2	8.5	3.1	10.0	5.9	3.4	8.2	4.9	2.8	7.7	4.7	2.7	7.1	4.5	2.7
		23	10.5	3.7	2.7	10.8	5.8	3.2	10.6	4.0	3.5	8.6	3.3	2.9	8.1	3.2	2.7	7.6	3.0	2.8
	29	19	10.1	5.9	2.7	10.4	9.1	3.2	10.2	6.3	3.5	8.3	5.2	2.9	7.8	5.0	2.7	7.3	4.8	2.8
		16	9.4	6.2	2.6	9.7	9.6	3.1	9.5	6.6	3.4	7.7	5.5	2.8	7.2	5.2	2.6	6.8	4.9	2.7
		19	10.2	6.3	2.7	10.5	9.7	3.2	10.3	6.7	3.5	8.4	5.6	2.9	7.9	5.4	2.7	7.4	5.1	2.8
	30	23	10.7	5.1	2.8	11.0	8.0	3.2	10.8	5.5	3.5	8.8	4.6	2.9	8.3	4.4	2.8	7.7	4.2	2.8
		16	9.9	6.7	2.7	10.2	10.4	3.1	10.0	7.2	3.4	8.1	5.9	2.8	7.6	5.5	2.7	7.1	5.1	2.7
		19	10.5	7.0	2.7	10.8	10.9	3.2	10.6	7.6	3.5	8.6	6.2	2.9	8.1	5.8	2.7	7.6	5.4	2.8
32	23	10.6	6.2	2.7	10.9	9.7	3.2	10.7	6.7	3.5	8.7	5.6	2.9	8.2	5.3	2.7	7.6	5.1	2.8	
	18	9	6.5	2.1	2.0	6.7	4.5	2.3	6.5	2.2	2.6	5.3	1.8	2.1	5.0	1.8	2.0	4.7	1.7	2.0
	12	6.7	1.3	2.1	6.9	2.9	2.5	6.8	1.4	2.7	5.5	1.2	2.2	5.2	1.2	2.1	4.8	1.1	2.1	
2760	18	15	8.1	1.4	2.3	8.3	3.0	2.7	8.2	1.5	2.9	6.7	1.2	2.4	6.3	1.2	2.3	5.8	1.1	2.3
		12	8.1	3.1	2.4	8.3	6.8	2.8	8.1	3.4	3.1	6.6	2.8	2.6	6.2	2.7	2.4	5.8	2.5	2.5
		15	8.2	2.6	2.5	8.5	5.5	2.9	8.3	2.8	3.2	6.8	2.3	2.6	6.4	2.2	2.5	6.0	2.1	2.5
	21	19	9.6	2.0	2.6	9.9	4.4	3.1	9.7	2.2	3.4	7.9	1.8	2.8	7.4	1.7	2.6	6.9	1.6	2.7
		16	8.6	3.2	2.5	8.9	6.9	2.9	8.7	3.5	3.2	7.1	2.9	2.6	6.7	2.7	2.5	6.2	2.6	2.5
		19	9.8	3.1	2.7	10.1	6.7	3.1	9.9	3.4	3.4	8.1	2.8	2.8	7.6	2.7	2.7	7.1	2.5	2.7
	24	23	9.6	1.5	2.8	9.9	3.2	3.3	9.7	1.6	3.6	7.9	1.3	2.9	7.4	1.3	2.8	6.9	1.2	2.8
		16	9.0	4.0	2.6	9.3	8.7	3.1	9.1	4.3	3.4	7.4	3.6	2.8	7.0	3.4	2.6	6.5	3.3	2.7
		19	10.0	4.0	2.7	10.3	8.6	3.2	10.1	4.3	3.5	8.2	3.6	2.9	7.7	3.4	2.7	7.2	3.2	2.8
	27	23	10.6	2.7	2.8	10.9	5.8	3.2	10.7	2.9	3.5	8.7	2.4	2.9	8.2	2.3	2.8	7.6	2.2	2.8
		19	10.2	4.3	2.7	10.5	9.2	3.2	10.3	4.6	3.5	8.4	3.8	2.9	7.9	3.6	2.7	7.4	3.5	2.8
		16	9.5	4.5	2.6	9.8	9.7	3.1	9.6	4.8	3.4	7.8	4.0	2.8	7.3	3.8	2.6	6.8	3.5	2.7
	30	19	10.3	4.6	2.7	10.6	9.8	3.2	10.4	4.9	3.5	8.5	4.1	2.9	8.0	3.9	2.7	7.4	3.7	2.8
		23	10.8	3.7	2.8	11.1	8.0	3.3	10.9	4.0	3.6	8.9	3.3	2.9	8.4	3.2	2.8	7.8	3.0	2.8
		16	10.0	4.9	2.7	10.3	10.5	3.2	10.1	5.2	3.5	8.2	4.3	2.9	7.7	4.0	2.7	7.2	3.7	2.8
	32	19	10.6	5.1	2.8	10.9	11.0	3.2	10.7	5.5	3.5	8.7	4.5	2.9	8.2	4.2	2.8	7.6	4.0	2.8
		23	10.6	4.5	2.7	10.9	9.7	3.2	10.7	4.8	3.5	8.7	4.0	2.9	8.2	3.8	2.7	7.6	3.7	2.8

Outdoor Unit:GUHD42NK3C1O/GHD42NM3C1O Indoor Unit:GFH42K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)														
			-15			-10			-7			-5			0		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1840	18	9	4.4	1.8	1.4	4.4	1.9	1.4	4.5	1.9	1.4	4.6	2.0	1.4	4.6	2.0	1.5
		12	4.5	1.2	1.4	4.6	1.2	1.5	4.7	1.3	1.5	4.7	1.3	1.5	4.8	1.3	1.5
		15	5.5	1.2	1.6	5.6	1.3	1.6	5.6	1.3	1.6	5.7	1.3	1.7	5.8	1.4	1.7
	21	12	5.4	2.8	1.6	5.5	2.8	1.7	5.6	2.9	1.7	5.7	3.0	1.7	5.8	3.1	1.8
		15	5.6	2.3	1.7	5.7	2.3	1.7	5.7	2.4	1.7	5.8	2.5	1.8	5.9	2.5	1.8
		19	6.5	1.8	1.8	6.6	1.8	1.8	6.7	1.9	1.9	6.8	1.9	1.9	6.9	2.0	1.9
	24	16	5.8	2.8	1.7	5.9	2.9	1.7	6.0	3.0	1.7	6.1	3.1	1.8	6.2	3.2	1.8
		19	6.6	2.7	1.8	6.7	2.8	1.9	6.8	2.9	1.9	6.9	3.0	1.9	7.0	3.1	2.0
		23	6.5	1.3	1.9	6.6	1.3	1.9	6.7	1.4	2.0	6.8	1.4	2.0	6.9	1.4	2.0
	27	16	6.1	3.5	1.8	6.2	3.6	1.8	6.3	3.7	1.9	6.4	3.8	1.9	6.4	4.0	1.9
		19	6.8	3.5	1.8	6.9	3.6	1.9	7.0	3.7	1.9	7.1	3.8	1.9	7.2	3.9	2.0
		23	7.2	2.4	1.9	7.3	2.4	1.9	7.4	2.5	2.0	7.5	2.6	2.0	7.6	2.7	2.0
29	19	6.9	3.8	1.9	7.0	3.9	1.9	7.1	4.0	1.9	7.2	4.1	2.0	7.3	4.2	2.0	
	30	16	6.4	3.9	1.8	6.5	4.1	1.8	6.6	4.2	1.9	6.7	4.3	1.9	6.8	4.4	1.9
		19	7.0	4.0	1.9	7.1	4.1	1.9	7.2	4.2	1.9	7.3	4.4	2.0	7.4	4.5	2.0
23		7.3	3.3	1.9	7.4	3.4	1.9	7.5	3.5	2.0	7.6	3.6	2.0	7.7	3.7	2.0	
32	16	6.7	4.3	1.8	6.8	4.4	1.9	6.9	4.5	1.9	7.0	4.6	1.9	7.1	4.8	2.0	
	19	7.2	4.5	1.9	7.3	4.6	1.9	7.4	4.8	2.0	7.5	4.9	2.0	7.6	5.0	2.0	
	23	7.9	4.4	1.9	8.0	4.5	2.0	8.2	4.6	2.0	8.3	4.8	2.0	8.4	4.9	2.1	
2070	18	9	4.6	2.0	1.4	4.7	2.1	1.4	4.8	2.1	1.4	4.8	2.2	1.5	4.9	2.2	1.5
		12	4.8	1.3	1.4	4.9	1.3	1.5	4.9	1.4	1.5	5.0	1.4	1.5	5.1	1.5	1.5
		15	5.8	1.3	1.6	5.9	1.4	1.6	5.9	1.4	1.6	6.0	1.5	1.7	6.1	1.5	1.7
	21	12	5.7	3.0	1.7	5.8	3.1	1.7	5.9	3.2	1.7	6.0	3.3	1.8	6.1	3.4	1.8
		15	5.9	2.5	1.7	6.0	2.6	1.7	6.1	2.6	1.8	6.1	2.7	1.8	6.2	2.8	1.8
		19	6.8	2.0	1.8	6.9	2.0	1.9	7.0	2.1	1.9	7.1	2.1	1.9	7.2	2.2	2.0
	24	16	6.1	3.1	1.7	6.2	3.2	1.7	6.3	3.3	1.8	6.4	3.4	1.8	6.5	3.5	1.8
		19	7.0	3.0	1.8	7.1	3.1	1.9	7.2	3.2	1.9	7.3	3.3	1.9	7.4	3.4	2.0
		23	6.8	1.4	1.9	6.9	1.5	2.0	7.0	1.5	2.0	7.1	1.5	2.0	7.2	1.6	2.1
	27	16	6.4	3.9	1.8	6.5	4.0	1.8	6.6	4.1	1.9	6.7	4.2	1.9	6.8	4.4	1.9
		19	7.1	3.9	1.9	7.2	4.0	1.9	7.3	4.1	1.9	7.4	4.2	2.0	7.5	4.3	2.0
		23	7.5	2.6	1.9	7.7	2.7	1.9	7.8	2.8	2.0	7.9	2.9	2.0	8.0	2.9	2.0
29	19	7.3	4.1	1.9	7.4	4.3	1.9	7.5	4.4	2.0	7.6	4.5	2.0	7.7	4.6	2.0	
	30	16	6.7	4.3	1.8	6.8	4.5	1.9	6.9	4.6	1.9	7.0	4.7	1.9	7.2	4.9	2.0
		19	7.3	4.4	1.9	7.4	4.5	1.9	7.6	4.7	2.0	7.7	4.8	2.0	7.8	4.9	2.0
23		7.7	3.6	1.9	7.8	3.7	2.0	7.9	3.8	2.0	8.0	3.9	2.0	8.2	4.0	2.1	
32	16	7.1	4.7	1.9	7.2	4.8	1.9	7.3	5.0	1.9	7.4	5.1	2.0	7.5	5.3	2.0	
	19	7.5	4.9	1.9	7.7	5.1	1.9	7.8	5.2	2.0	7.9	5.4	2.0	8.0	5.5	2.0	
	23	7.9	4.6	1.9	8.0	4.7	2.0	8.2	4.8	2.0	8.3	5.0	2.0	8.4	5.1	2.1	
2300	18	9	4.7	2.2	1.4	4.8	2.3	1.4	4.8	2.3	1.4	4.9	2.4	1.5	5.0	2.5	1.5
		12	4.9	1.4	1.5	5.0	1.5	1.5	5.0	1.5	1.5	5.1	1.6	1.5	5.2	1.6	1.6
		15	5.9	1.5	1.6	6.0	1.5	1.6	6.1	1.6	1.7	6.1	1.6	1.7	6.2	1.7	1.7
	21	12	5.9	3.3	1.7	5.9	3.4	1.7	6.0	3.5	1.7	6.1	3.6	1.8	6.2	3.7	1.8
		15	6.0	2.7	1.7	6.1	2.8	1.7	6.2	2.9	1.8	6.3	3.0	1.8	6.4	3.0	1.8
		19	7.0	2.2	1.8	7.1	2.2	1.9	7.2	2.3	1.9	7.3	2.3	1.9	7.4	2.4	2.0
	24	16	6.3	3.4	1.7	6.4	3.5	1.7	6.5	3.6	1.8	6.5	3.7	1.8	6.6	3.8	1.8
		19	7.1	3.3	1.9	7.2	3.4	1.9	7.3	3.5	1.9	7.4	3.6	2.0	7.5	3.7	2.0
		23	7.0	1.6	1.9	7.1	1.6	2.0	7.2	1.7	2.0	7.3	1.7	2.0	7.4	1.7	2.1
	27	16	6.5	4.3	1.8	6.6	4.4	1.9	6.7	4.5	1.9	6.8	4.6	1.9	6.9	4.8	2.0
		19	7.3	4.2	1.9	7.4	4.4	1.9	7.5	4.5	2.0	7.6	4.6	2.0	7.7	4.7	2.0
		23	7.7	2.9	1.9	7.8	3.0	2.0	7.9	3.0	2.0	8.0	3.1	2.0	8.2	3.2	2.1
29	19	7.4	4.5	1.9	7.5	4.7	1.9	7.6	4.8	2.0	7.7	4.9	2.0	7.9	5.1	2.0	
	30	16	6.9	4.8	1.8	7.0	4.9	1.9	7.1	5.0	1.9	7.2	5.2	1.9	7.3	5.3	2.0
		19	7.5	4.8	1.9	7.6	5.0	1.9	7.7	5.1	2.0	7.8	5.3	2.0	7.9	5.4	2.0
23		7.9	4.0	1.9	8.0	4.1	2.0	8.1	4.2	2.0	8.2	4.3	2.0	8.3	4.4	2.1	
32	16	7.2	5.2	1.9	7.3	5.3	1.9	7.5	5.5	2.0	7.6	5.6	2.0	7.7	5.8	2.0	
	19	7.7	5.4	1.9	7.8	5.6	2.0	7.9	5.8	2.0	8.0	5.9	2.0	8.2	6.1	2.1	
	23	7.9	4.9	1.9	8.0	5.1	2.0	8.2	5.2	2.0	8.3	5.4	2.0	8.4	5.5	2.1	

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AFR	Indoor temperature		Outdoor temperature DB (°C)															
			-15			-10			-7			-5			0			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
2530	18	9	4.8	1.6	1.4	4.9	1.7	1.4	4.9	1.7	1.5	5.0	1.8	1.5	5.1	1.8	1.5	
		12	5.0	1.1	1.5	5.1	1.1	1.5	5.1	1.1	1.5	5.2	1.1	1.6	5.3	1.2	1.6	
		15	6.0	1.1	1.6	6.1	1.1	1.6	6.2	1.1	1.7	6.3	1.2	1.7	6.4	1.2	1.7	
	21	12	6.0	2.4	1.7	6.1	2.5	1.7	6.2	2.6	1.8	6.2	2.7	1.8	6.3	2.7	1.8	
		15	6.1	2.0	1.7	6.2	2.1	1.8	6.3	2.1	1.8	6.4	2.2	1.8	6.5	2.2	1.9	
		19	7.1	1.6	1.9	7.2	1.6	1.9	7.3	1.7	1.9	7.4	1.7	2.0	7.5	1.8	2.0	
	24	16	6.4	2.5	1.7	6.5	2.6	1.8	6.6	2.7	1.8	6.7	2.7	1.8	6.8	2.8	1.9	
		19	7.3	2.4	1.9	7.4	2.5	1.9	7.5	2.6	2.0	7.6	2.7	2.0	7.7	2.7	2.0	
		23	7.1	1.1	2.0	7.2	1.2	2.0	7.3	1.2	2.0	7.4	1.2	2.1	7.5	1.3	2.1	
	27	16	6.7	3.1	1.8	6.8	3.2	1.9	6.9	3.3	1.9	7.0	3.4	1.9	7.1	3.5	2.0	
		19	7.4	3.1	1.9	7.5	3.2	1.9	7.6	3.3	2.0	7.7	3.4	2.0	7.9	3.5	2.0	
		23	7.8	2.1	1.9	8.0	2.2	2.0	8.1	2.2	2.0	8.2	2.3	2.0	8.3	2.4	2.1	
	29	19	7.6	3.3	1.9	7.7	3.4	2.0	7.8	3.5	2.0	7.9	3.6	2.0	8.0	3.7	2.1	
		30	16	7.0	3.5	1.9	7.1	3.6	1.9	7.2	3.7	1.9	7.3	3.8	2.0	7.4	3.9	2.0
			19	7.6	3.6	1.9	7.7	3.7	2.0	7.9	3.8	2.0	8.0	3.9	2.0	8.1	4.0	2.1
	23		8.0	2.9	2.0	8.1	3.0	2.0	8.3	3.1	2.0	8.4	3.2	2.1	8.5	3.3	2.1	
	32	16	7.4	3.8	1.9	7.5	3.9	1.9	7.6	4.0	2.0	7.7	4.1	2.0	7.8	4.2	2.0	
		19	7.8	4.0	1.9	8.0	4.1	2.0	8.1	4.2	2.0	8.2	4.3	2.0	8.3	4.5	2.1	
23		7.9	3.5	1.9	8.0	3.6	2.0	8.2	3.8	2.0	8.3	3.9	2.0	8.4	4.0	2.1		
2760	18	9	4.8	1.2	1.4	4.9	1.2	1.4	5.0	1.2	1.5	5.1	1.3	1.5	5.1	1.3	1.5	
		12	5.0	0.8	1.5	5.1	0.8	1.5	5.2	0.8	1.5	5.3	0.8	1.6	5.3	0.9	1.6	
		15	6.1	0.8	1.6	6.1	0.8	1.7	6.2	0.8	1.7	6.3	0.9	1.7	6.4	0.9	1.8	
	21	12	6.0	1.8	1.7	6.1	1.8	1.7	6.2	1.9	1.8	6.3	1.9	1.8	6.4	2.0	1.8	
		15	6.2	1.5	1.8	6.3	1.5	1.8	6.4	1.5	1.8	6.5	1.6	1.8	6.5	1.6	1.9	
		19	7.2	1.2	1.9	7.3	1.2	1.9	7.4	1.2	2.0	7.5	1.3	2.0	7.6	1.3	2.0	
	24	16	6.4	1.8	1.8	6.5	1.9	1.8	6.6	1.9	1.8	6.7	2.0	1.8	6.8	2.0	1.9	
		19	7.3	1.8	1.9	7.4	1.8	1.9	7.6	1.9	2.0	7.7	1.9	2.0	7.8	2.0	2.0	
		23	7.2	0.8	2.0	7.3	0.9	2.0	7.4	0.9	2.1	7.5	0.9	2.1	7.6	0.9	2.1	
	27	16	6.7	2.3	1.9	6.8	2.3	1.9	6.9	2.4	1.9	7.0	2.5	2.0	7.1	2.6	2.0	
		19	7.5	2.3	1.9	7.6	2.3	2.0	7.7	2.4	2.0	7.8	2.5	2.0	7.9	2.5	2.1	
		23	7.9	1.5	2.0	8.0	1.6	2.0	8.2	1.6	2.0	8.3	1.7	2.1	8.4	1.7	2.1	
	29	19	7.6	2.4	1.9	7.7	2.5	2.0	7.9	2.6	2.0	8.0	2.6	2.0	8.1	2.7	2.1	
		30	16	7.1	2.5	1.9	7.2	2.6	1.9	7.3	2.7	2.0	7.4	2.8	2.0	7.5	2.8	2.0
			19	7.7	2.6	1.9	7.8	2.7	2.0	7.9	2.7	2.0	8.1	2.8	2.0	8.2	2.9	2.1
	23		8.1	2.1	2.0	8.2	2.2	2.0	8.3	2.2	2.1	8.5	2.3	2.1	8.6	2.4	2.1	
	32	16	7.5	2.8	1.9	7.6	2.8	2.0	7.7	2.9	2.0	7.8	3.0	2.0	7.9	3.1	2.1	
		19	7.9	2.9	2.0	8.0	3.0	2.0	8.2	3.1	2.0	8.3	3.2	2.1	8.4	3.2	2.1	
23		7.9	2.6	1.9	8.0	2.6	2.0	8.2	2.7	2.0	8.3	2.8	2.0	8.4	2.9	2.1		

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			5			10			15			18			21			25		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1840	18	9	4.7	2.1	1.5	4.8	2.1	1.5	4.8	2.2	1.5	5.0	2.3	1.6	5.3	2.6	1.7	6.2	3.2	1.9
		12	4.9	1.4	1.6	5.0	1.4	1.6	5.0	1.4	1.6	5.2	1.5	1.7	5.5	1.7	1.8	6.4	2.1	1.9
		15	5.9	1.4	1.7	6.0	1.4	1.7	6.0	1.5	1.8	6.2	1.5	1.9	6.6	1.7	2.0	7.7	2.1	2.1
	21	12	5.9	3.2	1.8	5.9	3.3	1.8	6.0	3.3	1.9	6.2	3.5	1.9	6.6	3.9	2.1	7.7	4.9	2.2
		15	6.0	2.6	1.8	6.1	2.7	1.9	6.2	2.7	1.9	6.3	2.8	2.0	6.8	3.2	2.1	7.9	4.0	2.3
		19	7.0	2.1	2.0	7.1	2.1	2.0	7.2	2.2	2.0	7.4	2.3	2.1	7.9	2.6	2.3	9.1	3.1	2.5
	24	16	6.3	3.3	1.8	6.4	3.3	1.9	6.4	3.4	1.9	6.6	3.6	2.0	7.1	4.0	2.1	8.2	5.0	2.3
		19	7.1	3.2	2.0	7.2	3.2	2.0	7.3	3.3	2.1	7.5	3.5	2.2	8.0	3.9	2.3	9.3	4.8	2.5
		23	7.0	1.5	2.1	7.1	1.5	2.1	7.2	1.6	2.1	7.4	1.6	2.2	7.9	1.8	2.4	9.1	2.3	2.6
	27	16	6.5	4.1	2.0	6.6	4.2	2.0	6.7	4.3	2.0	6.9	4.5	2.1	7.4	5.1	2.3	8.6	6.2	2.4
		19	7.3	4.0	2.0	7.4	4.1	2.0	7.5	4.3	2.1	7.7	4.4	2.2	8.2	5.0	2.4	9.5	6.2	2.5
		23	7.7	2.7	2.1	7.8	2.8	2.1	7.9	2.9	2.1	8.1	3.0	2.2	8.7	3.4	2.4	10.1	4.2	2.6
	29	19	7.4	4.3	2.0	7.5	4.4	2.1	7.6	4.6	2.1	7.8	4.7	2.2	8.3	5.4	2.4	9.7	6.6	2.5
		16	6.9	4.5	2.0	7.0	4.7	2.0	7.1	4.8	2.0	7.3	5.0	2.1	7.8	5.6	2.3	9.0	6.9	2.5
		19	7.5	4.6	2.0	7.6	4.7	2.1	7.7	4.9	2.1	7.9	5.1	2.2	8.4	5.7	2.4	9.8	7.1	2.5
	30	23	7.9	3.8	2.1	8.0	3.9	2.1	8.1	4.0	2.1	8.3	4.1	2.2	8.9	4.7	2.4	10.3	5.8	2.6
		16	7.2	4.9	2.0	7.3	5.0	2.0	7.4	5.2	2.1	7.6	5.4	2.2	8.2	6.1	2.3	9.5	7.5	2.5
		19	7.7	5.2	2.1	7.8	5.3	2.1	7.9	5.5	2.1	8.1	5.7	2.2	8.7	6.4	2.4	10.1	7.9	2.6
32	23	8.5	5.0	2.1	8.6	5.2	2.2	8.8	5.3	2.2	9.0	5.5	2.3	9.6	6.3	2.5	11.2	7.7	2.6	
	18	9	5.0	2.3	1.5	5.0	2.4	1.5	5.1	2.4	1.6	5.2	2.5	1.6	5.6	2.9	1.8	6.5	3.5	1.9
	12	5.1	1.5	1.6	5.2	1.5	1.6	5.3	1.6	1.6	5.4	1.6	1.7	5.8	1.9	1.8	6.7	2.3	2.0	
2070	18	15	6.2	1.5	1.7	6.3	1.6	1.8	6.4	1.6	1.8	6.5	1.7	1.9	7.0	1.9	2.0	8.1	2.4	2.2
		12	6.2	3.5	1.8	6.3	3.6	1.8	6.3	3.7	1.9	6.5	3.8	2.0	7.0	4.3	2.1	8.1	5.3	2.3
		15	6.3	2.9	1.9	6.4	2.9	1.9	6.5	3.0	1.9	6.7	3.1	2.0	7.1	3.6	2.2	8.3	4.4	2.3
	21	19	7.3	2.3	2.0	7.5	2.3	2.0	7.6	2.4	2.1	7.8	2.5	2.2	8.3	2.8	2.3	9.6	3.5	2.5
		16	6.6	3.6	1.9	6.7	3.7	1.9	6.8	3.8	1.9	7.0	3.9	2.0	7.4	4.5	2.2	8.6	5.5	2.3
		19	7.5	3.5	2.0	7.6	3.6	2.0	7.7	3.7	2.1	7.9	3.8	2.2	8.5	4.3	2.4	9.8	5.3	2.5
	24	23	7.4	1.6	2.1	7.5	1.7	2.1	7.6	1.7	2.2	7.8	1.8	2.3	8.3	2.0	2.4	9.6	2.5	2.6
		16	6.9	4.5	2.0	7.0	4.6	2.0	7.1	4.7	2.0	7.3	4.9	2.1	7.8	5.6	2.3	9.0	6.9	2.5
		19	7.7	4.4	2.0	7.8	4.6	2.1	7.9	4.7	2.1	8.1	4.9	2.2	8.6	5.5	2.4	10.0	6.8	2.5
	27	23	8.1	3.0	2.1	8.2	3.1	2.1	8.3	3.2	2.1	8.6	3.3	2.2	9.1	3.7	2.4	10.6	4.6	2.6
		19	7.8	4.8	2.1	7.9	4.9	2.1	8.0	5.0	2.1	8.2	5.2	2.2	8.8	5.9	2.4	10.2	7.3	2.6
		16	7.3	5.0	2.0	7.4	5.1	2.0	7.5	5.3	2.1	7.7	5.5	2.2	8.2	6.2	2.3	9.5	7.6	2.5
	30	19	7.9	5.1	2.1	8.0	5.2	2.1	8.1	5.4	2.1	8.3	5.6	2.2	8.9	6.3	2.4	10.3	7.8	2.6
		23	8.3	4.2	2.1	8.4	4.3	2.1	8.5	4.4	2.2	8.7	4.6	2.3	9.3	5.2	2.4	10.8	6.4	2.6
		16	7.6	5.4	2.0	7.7	5.6	2.1	7.8	5.7	2.1	8.1	5.9	2.2	8.6	6.7	2.4	10.0	8.3	2.5
	32	19	8.1	5.7	2.1	8.2	5.8	2.1	8.3	6.0	2.1	8.6	6.2	2.2	9.1	7.1	2.4	10.6	8.7	2.6
		23	8.5	5.3	2.1	8.6	5.4	2.2	8.8	5.6	2.2	9.0	5.8	2.3	9.6	6.6	2.5	11.2	8.1	2.6
		9	5.1	2.5	1.5	5.1	2.6	1.5	5.2	2.7	1.6	5.3	2.8	1.6	5.7	3.1	1.8	6.6	3.9	1.9
2300	18	12	5.3	1.6	1.6	5.3	1.7	1.6	5.4	1.7	1.6	5.5	1.8	1.7	5.9	2.0	1.9	6.9	2.5	2.0
		15	6.3	1.7	1.7	6.4	1.7	1.8	6.5	1.8	1.8	6.7	1.9	1.9	7.1	2.1	2.0	8.3	2.6	2.2
		12	6.3	3.8	1.8	6.4	3.9	1.9	6.5	4.0	1.9	6.7	4.2	2.0	7.1	4.8	2.1	8.2	5.9	2.3
	21	15	6.4	3.1	1.9	6.5	3.2	1.9	6.6	3.3	1.9	6.8	3.4	2.0	7.3	3.9	2.2	8.4	4.8	2.3
		19	7.5	2.5	2.0	7.6	2.5	2.0	7.7	2.6	2.1	7.9	2.7	2.2	8.4	3.1	2.4	9.8	3.8	2.5
		16	6.7	3.9	1.9	6.8	4.0	1.9	6.9	4.1	1.9	7.1	4.3	2.0	7.6	4.9	2.2	8.8	6.0	2.3
	24	19	7.7	3.8	2.0	7.8	3.9	2.1	7.9	4.0	2.1	8.1	4.2	2.2	8.6	4.8	2.4	10.0	5.8	2.5
		23	7.5	1.8	2.1	7.6	1.8	2.2	7.7	1.9	2.2	7.9	2.0	2.3	8.5	2.2	2.5	9.8	2.8	2.6
		16	7.0	4.9	2.0	7.1	5.0	2.0	7.2	5.2	2.1	7.4	5.4	2.2	7.9	6.1	2.3	9.2	7.5	2.5
	27	19	7.8	4.9	2.1	7.9	5.0	2.1	8.0	5.1	2.1	8.3	5.3	2.2	8.8	6.1	2.4	10.2	7.5	2.6
		23	8.3	3.3	2.1	8.4	3.4	2.1	8.5	3.5	2.2	8.7	3.6	2.3	9.3	4.1	2.4	10.8	5.1	2.6
		19	8.0	5.2	2.1	8.1	5.4	2.1	8.2	5.5	2.1	8.4	5.7	2.2	9.0	6.5	2.4	10.4	8.0	2.6
	29	16	7.4	5.5	2.0	7.5	5.6	2.0	7.6	5.8	2.1	7.8	6.0	2.2	8.3	6.8	2.3	9.7	8.4	2.5
		19	8.0	5.6	2.1	8.2	5.7	2.1	8.3	5.9	2.1	8.5	6.1	2.2	9.1	6.9	2.4	10.5	8.5	2.6
		23	8.4	4.6	2.1	8.6	4.7	2.2	8.7	4.8	2.2	8.9	5.0	2.3	9.5	5.7	2.5	11.1	7.0	2.6
	30	16	7.8	5.9	2.1	7.9	6.1	2.1	8.0	6.3	2.1	8.2	6.5	2.2	8.8	7.4	2.4	10.2	9.1	2.6
		19	8.3	6.2	2.1	8.4	6.4	2.1	8.5	6.6	2.2	8.7	6.9	2.3	9.3	7.8	2.4	10.8	9.6	2.6
		23	8.5	5.7	2.1	8.6	5.8	2.2	8.8	6.0	2.2	9.0	6.2	2.3	9.6	7.0	2.5	11.2	8.7	2.6

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			5			10			15			18			21			25		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2530	18	9	5.2	1.9	1.5	5.2	1.9	1.6	5.3	2.0	1.6	5.5	2.0	1.7	5.8	2.3	1.8	6.8	2.8	1.9
		12	5.4	1.2	1.6	5.4	1.2	1.6	5.5	1.3	1.7	5.7	1.3	1.7	6.0	1.5	1.9	7.0	1.9	2.0
		15	6.5	1.2	1.8	6.5	1.3	1.8	6.6	1.3	1.8	6.8	1.4	1.9	7.3	1.5	2.1	8.5	1.9	2.2
	21	12	6.4	2.8	1.9	6.5	2.9	1.9	6.6	3.0	1.9	6.8	3.1	2.0	7.2	3.5	2.2	8.4	4.3	2.3
		15	6.6	2.3	1.9	6.7	2.4	1.9	6.8	2.4	2.0	6.9	2.5	2.0	7.4	2.9	2.2	8.6	3.5	2.4
		19	7.6	1.8	2.0	7.8	1.9	2.1	7.9	1.9	2.1	8.1	2.0	2.2	8.6	2.3	2.4	10.0	2.8	2.5
	24	16	6.9	2.9	1.9	7.0	3.0	1.9	7.1	3.0	2.0	7.3	3.2	2.0	7.7	3.6	2.2	9.0	4.4	2.4
		19	7.8	2.8	2.1	7.9	2.9	2.1	8.0	3.0	2.1	8.2	3.1	2.2	8.8	3.5	2.4	10.2	4.3	2.6
		23	7.7	1.3	2.1	7.8	1.4	2.2	7.9	1.4	2.2	8.1	1.4	2.3	8.6	1.6	2.5	10.0	2.0	2.7
	27	16	7.2	3.6	2.0	7.3	3.7	2.0	7.4	3.8	2.1	7.6	4.0	2.2	8.1	4.5	2.3	9.4	5.5	2.5
		19	8.0	3.6	2.1	8.1	3.7	2.1	8.2	3.8	2.1	8.4	3.9	2.2	9.0	4.4	2.4	10.4	5.5	2.6
		23	8.4	2.4	2.1	8.6	2.5	2.2	8.7	2.6	2.2	8.9	2.7	2.3	9.5	3.0	2.5	11.1	3.7	2.6
	29	19	8.1	3.8	2.1	8.2	3.9	2.1	8.4	4.0	2.2	8.6	4.2	2.3	9.2	4.8	2.4	10.6	5.9	2.6
		16	7.5	4.0	2.0	7.7	4.1	2.1	7.8	4.2	2.1	8.0	4.4	2.2	8.5	5.0	2.4	9.9	6.2	2.5
		19	8.2	4.1	2.1	8.3	4.2	2.1	8.4	4.3	2.2	8.7	4.5	2.3	9.2	5.1	2.4	10.7	6.3	2.6
	30	23	8.6	3.3	2.1	8.7	3.4	2.2	8.9	3.5	2.2	9.1	3.7	2.3	9.7	4.2	2.5	11.3	5.1	2.7
		16	7.9	4.4	2.1	8.0	4.5	2.1	8.2	4.6	2.1	8.4	4.8	2.2	8.9	5.4	2.4	10.4	6.7	2.6
		19	8.4	4.6	2.1	8.6	4.7	2.2	8.7	4.8	2.2	8.9	5.0	2.3	9.5	5.7	2.5	11.1	7.0	2.6
32	23	8.5	4.1	2.1	8.6	4.2	2.2	8.8	4.3	2.2	9.0	4.5	2.3	9.6	5.1	2.5	11.2	6.2	2.6	
	9	5.2	1.3	1.6	5.3	1.4	1.6	5.4	1.4	1.6	5.5	1.5	1.7	5.9	1.7	1.8	6.8	2.1	1.9	
	12	5.4	0.9	1.6	5.5	0.9	1.6	5.6	0.9	1.7	5.7	1.0	1.8	6.1	1.1	1.9	7.1	1.3	2.0	
2760	18	15	6.5	0.9	1.8	6.6	0.9	1.8	6.7	1.0	1.8	6.9	1.0	1.9	7.3	1.1	2.1	8.5	1.4	2.2
		12	6.5	2.0	1.9	6.6	2.1	1.9	6.7	2.2	1.9	6.9	2.2	2.0	7.3	2.5	2.2	8.5	3.1	2.3
		15	6.6	1.7	1.9	6.7	1.7	1.9	6.8	1.8	2.0	7.0	1.8	2.1	7.5	2.1	2.2	8.7	2.6	2.4
	21	19	7.7	1.3	2.1	7.8	1.4	2.1	7.9	1.4	2.1	8.2	1.5	2.2	8.7	1.6	2.4	10.1	2.0	2.6
		16	6.9	2.1	1.9	7.0	2.2	1.9	7.1	2.2	2.0	7.3	2.3	2.1	7.8	2.6	2.2	9.1	3.2	2.4
		19	7.9	2.0	2.1	8.0	2.1	2.1	8.1	2.2	2.1	8.3	2.2	2.2	8.9	2.5	2.4	10.3	3.1	2.6
	24	23	7.7	1.0	2.2	7.8	1.0	2.2	7.9	1.0	2.2	8.2	1.1	2.3	8.7	1.2	2.5	10.1	1.5	2.7
		16	7.2	2.6	2.0	7.3	2.7	2.1	7.4	2.8	2.1	7.6	2.9	2.2	8.2	3.3	2.4	9.5	4.0	2.5
		19	8.0	2.6	2.1	8.2	2.7	2.1	8.3	2.7	2.2	8.5	2.9	2.3	9.1	3.2	2.4	10.5	4.0	2.6
	27	23	8.5	1.8	2.1	8.6	1.8	2.2	8.8	1.9	2.2	9.0	1.9	2.3	9.6	2.2	2.5	11.2	2.7	2.7
		19	8.2	2.8	2.1	8.3	2.9	2.2	8.4	2.9	2.2	8.7	3.1	2.3	9.2	3.5	2.5	10.7	4.3	2.6
		16	7.6	2.9	2.1	7.7	3.0	2.1	7.8	3.1	2.1	8.1	3.2	2.2	8.6	3.6	2.4	10.0	4.5	2.6
	30	19	8.3	3.0	2.1	8.4	3.1	2.2	8.5	3.1	2.2	8.8	3.3	2.3	9.3	3.7	2.5	10.9	4.6	2.6
		23	8.7	2.4	2.2	8.8	2.5	2.2	8.9	2.6	2.2	9.2	2.7	2.3	9.8	3.0	2.5	11.4	3.7	2.7
		16	8.0	3.2	2.1	8.1	3.3	2.1	8.2	3.3	2.2	8.5	3.5	2.3	9.0	3.9	2.4	10.5	4.8	2.6
	32	19	8.5	3.3	2.1	8.6	3.4	2.2	8.8	3.5	2.2	9.0	3.7	2.3	9.6	4.1	2.5	11.2	5.1	2.7
		23	8.5	2.9	2.1	8.6	3.0	2.2	8.8	3.1	2.2	9.0	3.2	2.3	9.6	3.7	2.5	11.2	4.5	2.6

AFR	Indoor temperature		Outdoor temperature DB (°C)																		
			30			35			39			43			46			48			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1840	18	9	6.4	3.5	2.1	6.6	3.8	2.5	6.5	3.8	2.7	5.3	3.1	2.2	5.0	3.0	2.1	4.6	2.9	2.2	
		12	6.7	2.3	2.2	6.9	2.5	2.6	6.7	2.5	2.8	5.5	2.1	2.3	5.2	2.0	2.2	4.8	1.9	2.3	
		15	8.0	2.4	2.4	8.3	2.6	2.9	8.1	2.5	3.1	6.6	2.1	2.6	6.2	2.0	2.4	5.8	1.9	2.5	
	21	12	8.0	5.3	2.5	8.2	5.8	3.0	8.1	5.7	3.3	6.6	4.8	2.7	6.2	4.6	2.5	5.8	4.3	2.6	
		15	8.2	4.4	2.6	8.4	4.7	3.1	8.3	4.7	3.3	6.8	3.9	2.8	6.3	3.7	2.6	5.9	3.6	2.7	
		19	9.5	3.5	2.8	9.8	3.8	3.3	9.6	3.7	3.6	7.9	3.1	3.0	7.4	3.0	2.8	6.9	2.8	2.9	
	24	16	8.6	5.5	2.6	8.8	6.0	3.1	8.6	5.9	3.3	7.1	4.9	2.8	6.6	4.7	2.6	6.2	4.5	2.7	
		19	9.7	5.3	2.8	10.0	5.8	3.3	9.8	5.7	3.6	8.0	4.8	3.0	7.5	4.6	2.8	7.0	4.3	2.9	
		23	9.5	2.5	2.9	9.8	2.7	3.5	9.6	2.7	3.8	7.9	2.2	3.1	7.4	2.1	2.9	6.9	2.0	3.0	
	27	16	8.9	6.9	2.8	9.2	7.4	3.3	9.0	7.4	3.5	7.4	6.1	2.9	6.9	5.9	2.8	6.4	5.6	2.8	
		19	9.9	6.8	2.9	10.2	7.4	3.4	10.0	7.3	3.7	8.2	6.1	3.0	7.7	5.8	2.9	7.2	5.5	2.9	
		23	10.5	4.6	2.9	10.8	5.0	3.4	10.6	5.0	3.7	8.7	4.1	3.1	8.1	3.9	2.9	7.6	3.7	3.0	
	29	19	10.1	7.3	2.9	10.4	7.9	3.4	10.2	7.8	3.7	8.3	6.5	3.1	7.8	6.2	2.9	7.3	5.9	3.0	
		30	16	9.4	7.6	2.8	9.7	8.3	3.3	9.5	8.2	3.6	7.8	6.8	3.0	7.3	6.5	2.8	6.8	6.0	2.9
			19	10.2	7.8	2.9	10.5	8.4	3.4	10.3	8.3	3.7	8.4	6.9	3.1	7.9	6.6	2.9	7.4	6.3	3.0
	23		10.7	6.4	2.9	11.1	6.9	3.5	10.8	6.8	3.8	8.9	5.7	3.1	8.3	5.4	2.9	7.7	5.2	3.0	
	32	16	9.9	8.3	2.9	10.2	9.0	3.4	10.0	8.9	3.7	8.2	7.3	3.0	7.6	6.8	2.9	7.1	6.4	2.9	
		19	10.5	8.7	2.9	10.8	9.5	3.4	10.6	9.4	3.7	8.7	7.7	3.1	8.1	7.2	2.9	7.6	6.8	3.0	
23		11.6	8.5	3.0	12.0	9.2	3.5	11.8	9.1	3.8	9.6	7.6	3.2	9.0	7.3	3.0	8.4	6.9	3.1		
2070	18	9	6.8	3.9	2.1	7.0	4.2	2.5	6.8	4.2	2.7	5.6	3.5	2.3	5.2	3.3	2.1	4.9	3.2	2.2	
		12	7.0	2.5	2.2	7.2	2.7	2.6	7.1	2.7	2.9	5.8	2.3	2.4	5.4	2.2	2.2	5.1	2.1	2.3	
		15	8.5	2.6	2.5	8.7	2.8	2.9	8.6	2.8	3.1	7.0	2.3	2.6	6.5	2.2	2.5	6.1	2.1	2.5	
	21	12	8.4	5.9	2.6	8.7	6.4	3.0	8.5	6.3	3.3	7.0	5.3	2.7	6.5	5.0	2.6	6.1	4.8	2.6	
		15	8.6	4.8	2.6	8.9	5.2	3.1	8.7	5.2	3.4	7.1	4.3	2.8	6.7	4.1	2.6	6.2	3.9	2.7	
		19	10.0	3.8	2.8	10.3	4.1	3.3	10.1	4.1	3.6	8.3	3.4	3.0	7.8	3.3	2.8	7.2	3.1	2.9	
	24	16	9.0	6.0	2.6	9.3	6.6	3.1	9.1	6.5	3.4	7.4	5.4	2.8	7.0	5.2	2.6	6.5	4.9	2.7	
		19	10.2	5.9	2.9	10.6	6.4	3.4	10.4	6.3	3.7	8.5	5.2	3.0	7.9	5.0	2.9	7.4	4.8	2.9	
		23	10.0	2.8	3.0	10.4	3.0	3.5	10.1	3.0	3.8	8.3	2.5	3.1	7.8	2.4	3.0	7.2	2.2	3.0	
	27	16	9.4	7.5	2.8	9.7	8.2	3.3	9.5	8.1	3.6	7.8	6.7	3.0	7.3	6.4	2.8	6.8	6.1	2.9	
		19	10.5	7.5	2.9	10.8	8.1	3.4	10.6	8.0	3.7	8.6	6.7	3.1	8.1	6.4	2.9	7.5	6.1	3.0	
		23	11.1	5.1	2.9	11.4	5.5	3.5	11.2	5.5	3.8	9.1	4.5	3.1	8.6	4.3	2.9	8.0	4.1	3.0	
	29	19	10.7	8.0	2.9	11.0	8.7	3.4	10.8	8.6	3.7	8.8	7.2	3.1	8.2	6.8	2.9	7.7	6.5	3.0	
		30	16	9.9	8.4	2.8	10.2	9.1	3.3	10.0	9.0	3.6	8.2	7.5	3.0	7.7	7.1	2.8	7.2	6.7	2.9
			19	10.8	8.6	2.9	11.1	9.3	3.4	10.9	9.2	3.7	8.9	7.7	3.1	8.3	7.3	2.9	7.8	7.0	3.0
	23		11.3	7.0	3.0	11.7	7.6	3.5	11.4	7.5	3.8	9.3	6.3	3.1	8.7	6.0	3.0	8.2	5.7	3.0	
	32	16	10.4	9.1	2.9	10.7	9.9	3.4	10.5	9.8	3.7	8.6	8.0	3.1	8.1	7.5	2.9	7.5	7.0	2.9	
		19	11.1	9.6	2.9	11.4	10.4	3.5	11.2	10.3	3.8	9.1	8.5	3.1	8.6	8.0	2.9	8.0	7.4	3.0	
23		11.6	8.9	3.0	12.0	9.6	3.5	11.8	9.5	3.8	9.6	7.9	3.2	9.0	7.6	3.0	8.4	7.2	3.1		
2300	18	9	6.9	4.3	2.2	7.1	4.6	2.5	7.0	4.6	2.8	5.7	3.8	2.3	5.3	3.6	2.2	5.0	3.5	2.2	
		12	7.2	2.8	2.3	7.4	3.0	2.7	7.2	3.0	2.9	5.9	2.5	2.4	5.5	2.4	2.3	5.2	2.3	2.3	
		15	8.6	2.9	2.5	8.9	3.1	2.9	8.7	3.1	3.2	7.1	2.6	2.6	6.7	2.4	2.5	6.2	2.3	2.5	
	21	12	8.6	6.5	2.6	8.9	7.0	3.1	8.7	6.9	3.3	7.1	5.8	2.7	6.7	5.5	2.6	6.2	5.2	2.7	
		15	8.8	5.3	2.7	9.1	5.7	3.1	8.9	5.7	3.4	7.3	4.7	2.8	6.8	4.5	2.7	6.4	4.3	2.7	
		19	10.2	4.2	2.9	10.6	4.5	3.4	10.3	4.5	3.7	8.4	3.7	3.0	7.9	3.6	2.9	7.4	3.4	2.9	
	24	16	9.2	6.6	2.7	9.5	7.2	3.1	9.3	7.1	3.4	7.6	5.9	2.8	7.1	5.7	2.7	6.6	5.4	2.7	
		19	10.5	6.4	2.9	10.8	7.0	3.4	10.6	6.9	3.7	8.6	5.8	3.1	8.1	5.5	2.9	7.5	5.2	3.0	
		23	10.2	3.0	3.0	10.6	3.3	3.5	10.4	3.3	3.8	8.5	2.7	3.2	7.9	2.6	3.0	7.4	2.5	3.1	
	27	16	9.6	8.3	2.8	9.9	9.0	3.3	9.7	8.9	3.6	7.9	7.4	3.0	7.4	7.1	2.8	6.9	6.7	2.9	
		19	10.7	8.2	2.9	11.0	8.9	3.4	10.8	8.8	3.7	8.8	7.3	3.1	8.3	7.0	2.9	7.7	6.7	3.0	
		23	11.3	5.6	3.0	11.7	6.0	3.5	11.4	6.0	3.8	9.3	5.0	3.1	8.7	4.8	3.0	8.2	4.5	3.0	
	29	19	10.9	8.8	2.9	11.2	9.5	3.5	11.0	9.4	3.8	9.0	7.9	3.1	8.4	7.5	2.9	7.9	7.1	3.0	
		30	16	10.1	9.2	2.9	10.4	10.0	3.4	10.2	9.9	3.7	8.3	8.3	3.0	7.8	7.8	2.9	7.3	7.3	2.9
			19	11.0	9.4	2.9	11.3	10.2	3.5	11.1	10.1	3.8	9.1	8.4	3.1	8.5	8.0	2.9	7.9	7.6	3.0
	23		11.5	7.7	3.0	11.9	8.3	3.5	11.7	8.3	3.8	9.5	6.9	3.2	8.9	6.6	3.0	8.3	6.2	3.1	
	32	16	10.6	10.0	2.9	11.0	10.8	3.4	10.7	10.7	3.7	8.8	8.8	3.1	8.2	8.2	2.9	7.7	7.7	3.0	
		19	11.3	10.5	3.0	11.7	11.4	3.5	11.4	11.3	3.8	9.3	9.3	3.1	8.7	8.7	3.0	8.2	8.2	3.0	
23		11.6	9.5	3.0	12.0	10.4	3.5	11.8	10.3	3.8	9.6	8.5	3.2	9.0	8.2	3.0	8.4	7.8	3.1		

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AFR	Indoor temperature		Outdoor temperature DB (°C)																		
			30			35			39			43			46			48			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
2530	18	9	7.1	3.1	2.2	7.3	4.9	2.6	7.1	3.4	2.8	5.8	2.8	2.3	5.5	2.7	2.2	5.1	2.5	2.2	
		12	7.3	2.0	2.3	7.5	3.2	2.7	7.4	2.2	2.9	6.0	1.8	2.4	5.7	1.7	2.3	5.3	1.7	2.3	
		15	8.8	2.1	2.5	9.1	3.3	2.9	8.9	2.3	3.2	7.3	1.9	2.6	6.8	1.8	2.5	6.4	1.7	2.6	
	21	12	8.8	4.7	2.6	9.0	7.4	3.1	8.9	5.1	3.4	7.2	4.2	2.8	6.8	4.1	2.6	6.3	3.9	2.7	
		15	9.0	3.9	2.7	9.3	6.0	3.2	9.1	4.2	3.4	7.4	3.5	2.8	6.9	3.3	2.7	6.5	3.2	2.7	
		19	10.4	3.1	2.9	10.8	4.8	3.4	10.6	3.3	3.7	8.6	2.7	3.1	8.1	2.6	2.9	7.5	2.5	3.0	
	24	16	9.4	4.9	2.7	9.7	7.6	3.2	9.5	5.2	3.4	7.7	4.4	2.8	7.3	4.2	2.7	6.8	4.0	2.7	
		19	10.7	4.7	2.9	11.0	7.3	3.4	10.8	5.1	3.7	8.8	4.2	3.1	8.2	4.0	2.9	7.7	3.8	3.0	
		23	10.5	2.2	3.0	10.8	3.5	3.6	10.6	2.4	3.9	8.6	2.0	3.2	8.1	1.9	3.0	7.5	1.8	3.1	
	27	16	9.8	6.1	2.9	10.1	9.4	3.4	9.9	6.5	3.7	8.1	5.4	3.0	7.6	5.2	2.9	7.1	4.9	2.9	
		19	10.9	6.0	2.9	11.2	9.4	3.5	11.0	6.5	3.8	9.0	5.4	3.1	8.4	5.2	2.9	7.9	4.9	3.0	
		23	11.5	4.1	3.0	11.9	6.4	3.5	11.7	4.4	3.8	9.5	3.7	3.2	8.9	3.5	3.0	8.3	3.3	3.1	
	29	19	11.1	6.5	3.0	11.4	10.0	3.5	11.2	6.9	3.8	9.2	5.8	3.1	8.6	5.5	3.0	8.0	5.2	3.0	
		16	10.3	6.8	2.9	10.6	10.5	3.4	10.4	7.3	3.7	8.5	6.1	3.1	8.0	5.7	2.9	7.4	5.4	2.9	
		19	11.2	6.9	3.0	11.6	10.7	3.5	11.3	7.4	3.8	9.2	6.2	3.1	8.7	5.9	3.0	8.1	5.6	3.0	
	30	23	11.8	5.6	3.0	12.1	8.8	3.6	11.9	6.1	3.9	9.7	5.0	3.2	9.1	4.8	3.0	8.5	4.6	3.1	
		16	10.8	7.3	2.9	11.2	11.4	3.5	11.0	7.9	3.8	8.9	6.4	3.1	8.4	6.0	2.9	7.8	5.6	3.0	
		19	11.5	7.7	3.0	11.9	12.0	3.5	11.7	8.3	3.8	9.5	6.9	3.2	8.9	6.4	3.0	8.3	6.0	3.1	
32	23	11.6	6.9	3.0	12.0	10.7	3.5	11.8	7.4	3.8	9.6	6.1	3.2	9.0	5.9	3.0	8.4	5.6	3.1		
	2760	18	9	7.1	2.3	2.2	7.3	4.9	2.6	7.2	2.4	2.8	5.9	2.0	2.3	5.5	1.9	2.2	5.1	1.8	2.2
			12	7.4	1.5	2.3	7.6	3.2	2.7	7.5	1.6	2.9	6.1	1.3	2.4	5.7	1.3	2.3	5.3	1.2	2.4
15			8.9	1.5	2.5	9.2	3.3	3.0	9.0	1.6	3.2	7.3	1.4	2.7	6.9	1.3	2.5	6.4	1.2	2.6	
21		12	8.9	3.4	2.6	9.1	7.4	3.1	9.0	3.7	3.4	7.3	3.1	2.8	6.9	2.9	2.6	6.4	2.8	2.7	
		15	9.1	2.8	2.7	9.4	6.1	3.2	9.2	3.0	3.5	7.5	2.5	2.9	7.0	2.4	2.7	6.5	2.3	2.8	
		19	10.6	2.2	2.9	10.9	4.8	3.4	10.7	2.4	3.7	8.7	2.0	3.1	8.2	1.9	2.9	7.6	1.8	3.0	
24		16	9.5	3.5	2.7	9.8	7.6	3.2	9.6	3.8	3.5	7.8	3.2	2.9	7.3	3.0	2.7	6.8	2.9	2.8	
		19	10.8	3.4	2.9	11.1	7.4	3.5	10.9	3.7	3.8	8.9	3.1	3.1	8.3	2.9	2.9	7.8	2.8	3.0	
		23	10.6	1.6	3.1	10.9	3.5	3.6	10.7	1.7	3.9	8.7	1.4	3.2	8.2	1.4	3.1	7.6	1.3	3.1	
27	16	9.9	4.4	2.9	10.2	9.5	3.4	10.0	4.7	3.7	8.2	4.0	3.1	7.6	3.8	2.9	7.1	3.6	2.9		
	19	11.0	4.4	3.0	11.3	9.5	3.5	11.1	4.7	3.8	9.1	3.9	3.1	8.5	3.7	3.0	7.9	3.6	3.0		
	23	11.6	3.0	3.0	12.0	6.4	3.6	11.8	3.2	3.9	9.6	2.7	3.2	9.0	2.5	3.0	8.4	2.4	3.1		
29	19	11.2	4.7	3.0	11.6	10.1	3.5	11.3	5.0	3.8	9.2	4.2	3.2	8.7	4.0	3.0	8.1	3.8	3.1		
	16	10.4	4.9	2.9	10.7	10.6	3.4	10.5	5.3	3.7	8.6	4.4	3.1	8.1	4.2	2.9	7.5	3.9	3.0		
	19	11.3	5.0	3.0	11.7	10.8	3.5	11.4	5.4	3.8	9.3	4.5	3.2	8.8	4.3	3.0	8.2	4.1	3.1		
30	23	11.9	4.1	3.1	12.3	8.9	3.6	12.0	4.4	3.9	9.8	3.7	3.2	9.2	3.5	3.1	8.6	3.3	3.1		
	16	11.0	5.3	3.0	11.3	11.5	3.5	11.1	5.7	3.8	9.0	4.7	3.1	8.5	4.4	3.0	7.9	4.1	3.0		
	19	11.6	5.6	3.0	12.0	12.1	3.6	11.8	6.0	3.9	9.6	5.0	3.2	9.0	4.7	3.0	8.4	4.4	3.1		
32	23	11.6	4.9	3.0	12.0	10.7	3.5	11.8	5.3	3.8	9.6	4.4	3.2	9.0	4.2	3.0	8.4	4.0	3.1		

Outdoor Unit:GUHD48NK3C1O/GHD48NM3C1O Indoor Unit:GFH48K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)														
			-15			-10			-7			-5			0		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2000	18	9	5.6	2.3	1.7	5.7	2.4	1.8	5.7	2.4	1.8	5.8	2.5	1.8	5.9	2.6	1.9
		12	5.8	1.5	1.8	5.9	1.6	1.9	6.0	1.6	1.9	6.0	1.6	1.9	6.1	1.7	1.9
		15	7.0	1.6	2.0	7.1	1.6	2.0	7.2	1.6	2.1	7.3	1.7	2.1	7.4	1.7	2.1
	21	12	6.9	3.5	2.1	7.0	3.6	2.1	7.1	3.7	2.2	7.2	3.8	2.2	7.3	3.9	2.2
		15	7.1	2.9	2.1	7.2	3.0	2.2	7.3	3.0	2.2	7.4	3.1	2.3	7.5	3.2	2.3
		19	8.2	2.3	2.3	8.4	2.3	2.3	8.5	2.4	2.4	8.6	2.5	2.4	8.7	2.5	2.5
	24	16	7.4	3.6	2.1	7.5	3.7	2.2	7.6	3.8	2.2	7.7	3.9	2.3	7.9	4.0	2.3
		19	8.4	3.5	2.3	8.5	3.6	2.4	8.7	3.7	2.4	8.8	3.8	2.5	8.9	3.9	2.5
		23	8.3	1.6	2.4	8.4	1.7	2.5	8.5	1.7	2.5	8.6	1.8	2.6	8.8	1.8	2.6
	27	16	7.7	4.5	2.3	7.9	4.6	2.3	8.0	4.8	2.4	8.1	4.9	2.4	8.2	5.0	2.4
		19	8.6	4.5	2.4	8.7	4.6	2.4	8.9	4.7	2.4	9.0	4.9	2.5	9.1	5.0	2.5
		23	9.1	3.0	2.4	9.2	3.1	2.4	9.4	3.2	2.5	9.5	3.3	2.5	9.7	3.4	2.6
29	19	8.8	4.8	2.4	8.9	4.9	2.4	9.0	5.1	2.5	9.2	5.2	2.5	9.3	5.3	2.5	
	30	16	8.1	5.0	2.3	8.3	5.2	2.3	8.4	5.3	2.4	8.5	5.5	2.4	8.6	5.6	2.5
		19	8.9	5.1	2.4	9.0	5.2	2.4	9.1	5.4	2.5	9.3	5.6	2.5	9.4	5.7	2.5
23		9.3	4.2	2.4	9.4	4.3	2.5	9.6	4.4	2.5	9.7	4.5	2.6	9.9	4.7	2.6	
32	16	8.6	5.4	2.3	8.7	5.6	2.4	8.8	5.8	2.4	9.0	5.9	2.5	9.1	6.1	2.5	
	19	9.1	5.7	2.4	9.2	5.9	2.4	9.4	6.1	2.5	9.5	6.2	2.5	9.7	6.4	2.6	
	23	10.1	5.6	2.5	10.2	5.7	2.5	10.4	5.9	2.6	10.5	6.1	2.6	10.7	6.2	2.7	
2250	18	9	5.9	2.5	1.8	6.0	2.6	1.8	6.0	2.7	1.8	6.1	2.8	1.9	6.2	2.8	1.9
		12	6.1	1.7	1.8	6.2	1.7	1.9	6.3	1.8	1.9	6.4	1.8	1.9	6.5	1.9	2.0
		15	7.3	1.7	2.0	7.4	1.8	2.1	7.6	1.8	2.1	7.7	1.9	2.1	7.8	1.9	2.2
	21	12	7.3	3.9	2.1	7.4	4.0	2.2	7.5	4.1	2.2	7.6	4.2	2.2	7.7	4.3	2.3
		15	7.5	3.2	2.2	7.6	3.3	2.2	7.7	3.3	2.2	7.8	3.4	2.3	7.9	3.5	2.3
		19	8.7	2.5	2.3	8.8	2.6	2.4	9.0	2.6	2.4	9.1	2.7	2.5	9.2	2.8	2.5
	24	16	7.8	4.0	2.2	7.9	4.1	2.2	8.0	4.2	2.2	8.2	4.3	2.3	8.3	4.4	2.3
		19	8.9	3.9	2.4	9.0	4.0	2.4	9.1	4.1	2.4	9.3	4.2	2.5	9.4	4.3	2.5
		23	8.7	1.8	2.4	8.8	1.9	2.5	9.0	1.9	2.5	9.1	2.0	2.6	9.2	2.0	2.6
	27	16	8.1	5.0	2.3	8.3	5.1	2.3	8.4	5.2	2.4	8.5	5.4	2.4	8.6	5.5	2.5
		19	9.1	4.9	2.4	9.2	5.1	2.4	9.3	5.2	2.5	9.5	5.3	2.5	9.6	5.5	2.5
		23	9.6	3.3	2.4	9.7	3.4	2.5	9.9	3.5	2.5	10.0	3.6	2.6	10.2	3.7	2.6
29	19	9.2	5.3	2.4	9.4	5.4	2.4	9.5	5.6	2.5	9.7	5.7	2.5	9.8	5.9	2.6	
	30	16	8.6	5.5	2.3	8.7	5.7	2.4	8.8	5.9	2.4	9.0	6.0	2.5	9.1	6.2	2.5
		19	9.3	5.6	2.4	9.5	5.8	2.4	9.6	5.9	2.5	9.8	6.1	2.5	9.9	6.3	2.6
23		9.8	4.6	2.4	9.9	4.7	2.5	10.1	4.9	2.5	10.2	5.0	2.6	10.4	5.1	2.6	
32	16	9.0	6.0	2.4	9.2	6.2	2.4	9.3	6.3	2.5	9.4	6.5	2.5	9.6	6.7	2.5	
	19	9.6	6.3	2.4	9.7	6.5	2.5	9.9	6.7	2.5	10.0	6.9	2.6	10.2	7.1	2.6	
	23	10.1	5.8	2.5	10.2	6.0	2.5	10.4	6.2	2.6	10.5	6.3	2.6	10.7	6.5	2.7	
2500	18	9	6.0	2.8	1.8	6.1	2.9	1.8	6.2	3.0	1.8	6.3	3.0	1.9	6.4	3.1	1.9
		12	6.2	1.8	1.9	6.3	1.9	1.9	6.4	1.9	1.9	6.5	2.0	2.0	6.6	2.0	2.0
		15	7.5	1.9	2.0	7.6	1.9	2.1	7.7	2.0	2.1	7.8	2.0	2.1	7.9	2.1	2.2
	21	12	7.5	4.2	2.1	7.6	4.4	2.2	7.7	4.5	2.2	7.8	4.6	2.3	7.9	4.7	2.3
		15	7.6	3.5	2.2	7.7	3.6	2.2	7.9	3.7	2.3	8.0	3.8	2.3	8.1	3.9	2.3
		19	8.9	2.7	2.4	9.0	2.8	2.4	9.1	2.9	2.4	9.3	3.0	2.5	9.4	3.1	2.5
	24	16	8.0	4.3	2.2	8.1	4.5	2.2	8.2	4.6	2.3	8.3	4.7	2.3	8.5	4.9	2.3
		19	9.1	4.2	2.4	9.2	4.3	2.4	9.3	4.5	2.5	9.5	4.6	2.5	9.6	4.7	2.5
		23	8.9	2.0	2.5	9.0	2.0	2.5	9.1	2.1	2.6	9.3	2.2	2.6	9.4	2.2	2.6
	27	16	8.3	5.4	2.3	8.4	5.6	2.4	8.6	5.8	2.4	8.7	5.9	2.5	8.8	6.1	2.5
		19	9.2	5.4	2.4	9.4	5.5	2.4	9.5	5.7	2.5	9.7	5.9	2.5	9.8	6.0	2.6
		23	9.8	3.7	2.4	9.9	3.8	2.5	10.1	3.9	2.5	10.2	4.0	2.6	10.4	4.1	2.6
29	19	9.4	5.8	2.4	9.6	5.9	2.5	9.7	6.1	2.5	9.9	6.3	2.6	10.0	6.5	2.6	
	30	16	8.8	6.1	2.3	8.9	6.2	2.4	9.0	6.4	2.4	9.2	6.6	2.5	9.3	6.8	2.5
		19	9.5	6.2	2.4	9.7	6.3	2.5	9.8	6.5	2.5	9.9	6.7	2.6	10.1	6.9	2.6
23		10.0	5.0	2.5	10.1	5.2	2.5	10.3	5.3	2.6	10.4	5.5	2.6	10.6	5.6	2.7	
32	16	9.2	6.6	2.4	9.3	6.8	2.4	9.5	6.9	2.5	9.6	7.1	2.5	9.8	7.3	2.6	
	19	9.8	6.9	2.4	9.9	7.1	2.5	10.1	7.3	2.5	10.2	7.5	2.6	10.4	7.7	2.6	
	23	10.1	6.3	2.5	10.2	6.4	2.5	10.4	6.6	2.6	10.5	6.8	2.6	10.7	7.0	2.7	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)															
			-15			-10			-7			-5			0			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
2750	18	9	6.1	2.1	1.8	6.2	2.1	1.8	6.3	2.2	1.9	6.4	2.2	1.9	6.5	2.3	1.9	
		12	6.3	1.3	1.9	6.4	1.4	1.9	6.5	1.4	1.9	6.6	1.5	2.0	6.7	1.5	2.0	
		15	7.6	1.4	2.1	7.7	1.4	2.1	7.9	1.5	2.1	8.0	1.5	2.2	8.1	1.5	2.2	
	21	12	7.6	3.1	2.2	7.7	3.2	2.2	7.8	3.3	2.2	7.9	3.4	2.3	8.1	3.5	2.3	
		15	7.8	2.5	2.2	7.9	2.6	2.2	8.0	2.7	2.3	8.1	2.8	2.3	8.3	2.8	2.4	
		19	9.0	2.0	2.4	9.2	2.1	2.4	9.3	2.1	2.5	9.5	2.2	2.5	9.6	2.3	2.5	
	24	16	8.1	3.2	2.2	8.3	3.3	2.2	8.4	3.4	2.3	8.5	3.5	2.3	8.6	3.6	2.4	
		19	9.2	3.1	2.4	9.4	3.2	2.4	9.5	3.3	2.5	9.7	3.4	2.5	9.8	3.5	2.6	
		23	9.1	1.5	2.5	9.2	1.5	2.5	9.3	1.5	2.6	9.5	1.6	2.6	9.6	1.6	2.7	
	27	16	8.5	4.0	2.3	8.6	4.1	2.4	8.7	4.2	2.4	8.9	4.3	2.5	9.0	4.5	2.5	
		19	9.4	4.0	2.4	9.6	4.1	2.5	9.7	4.2	2.5	9.9	4.3	2.6	10.0	4.4	2.6	
		23	10.0	2.7	2.5	10.1	2.8	2.5	10.3	2.8	2.6	10.4	2.9	2.6	10.6	3.0	2.7	
	29	19	9.6	4.2	2.4	9.8	4.4	2.5	9.9	4.5	2.5	10.1	4.6	2.6	10.2	4.7	2.6	
		30	16	8.9	4.5	2.4	9.1	4.6	2.4	9.2	4.7	2.5	9.3	4.9	2.5	9.5	5.0	2.5
			19	9.7	4.5	2.4	9.9	4.7	2.5	10.0	4.8	2.5	10.1	4.9	2.6	10.3	5.1	2.6
	23		10.2	3.7	2.5	10.3	3.8	2.5	10.5	3.9	2.6	10.7	4.0	2.6	10.8	4.1	2.7	
	32	16	9.4	4.8	2.4	9.5	5.0	2.5	9.7	5.1	2.5	9.8	5.2	2.6	10.0	5.4	2.6	
		19	10.0	5.1	2.5	10.1	5.2	2.5	10.3	5.4	2.6	10.4	5.5	2.6	10.6	5.7	2.7	
23		10.1	4.5	2.5	10.2	4.6	2.5	10.4	4.8	2.6	10.5	4.9	2.6	10.7	5.0	2.7		
3000	18	9	6.2	1.5	1.8	6.3	1.5	1.8	6.4	1.6	1.9	6.4	1.6	1.9	6.5	1.7	1.9	
		12	6.4	1.0	1.9	6.5	1.0	1.9	6.6	1.0	2.0	6.7	1.1	2.0	6.8	1.1	2.0	
		15	7.7	1.0	2.1	7.8	1.0	2.1	7.9	1.1	2.2	8.1	1.1	2.2	8.2	1.1	2.2	
	21	12	7.7	2.3	2.2	7.8	2.3	2.2	7.9	2.4	2.3	8.0	2.5	2.3	8.1	2.5	2.3	
		15	7.9	1.9	2.2	8.0	1.9	2.3	8.1	2.0	2.3	8.2	2.0	2.4	8.3	2.1	2.4	
		19	9.1	1.5	2.4	9.3	1.5	2.4	9.4	1.6	2.5	9.6	1.6	2.5	9.7	1.6	2.6	
	24	16	8.2	2.3	2.2	8.3	2.4	2.3	8.5	2.5	2.3	8.6	2.5	2.3	8.7	2.6	2.4	
		19	9.3	2.3	2.4	9.5	2.3	2.5	9.6	2.4	2.5	9.8	2.5	2.6	9.9	2.5	2.6	
		23	9.1	1.1	2.5	9.3	1.1	2.6	9.4	1.1	2.6	9.6	1.2	2.7	9.7	1.2	2.7	
	27	16	8.6	2.9	2.4	8.7	3.0	2.4	8.8	3.1	2.5	9.0	3.2	2.5	9.1	3.2	2.5	
		19	9.5	2.9	2.4	9.7	3.0	2.5	9.8	3.0	2.5	9.9	3.1	2.6	10.1	3.2	2.6	
		23	10.1	2.0	2.5	10.2	2.0	2.5	10.4	2.1	2.6	10.5	2.1	2.6	10.7	2.2	2.7	
	29	19	9.7	3.1	2.5	9.9	3.2	2.5	10.0	3.3	2.6	10.1	3.4	2.6	10.3	3.4	2.7	
		30	16	9.0	3.2	2.4	9.2	3.3	2.4	9.3	3.4	2.5	9.4	3.5	2.5	9.6	3.6	2.6
			19	9.8	3.3	2.5	10.0	3.4	2.5	10.1	3.5	2.6	10.2	3.6	2.6	10.4	3.7	2.7
	23		10.3	2.7	2.5	10.4	2.8	2.6	10.6	2.9	2.6	10.8	2.9	2.7	10.9	3.0	2.7	
	32	16	9.5	3.5	2.4	9.6	3.6	2.5	9.8	3.7	2.5	9.9	3.8	2.6	10.1	3.9	2.6	
		19	10.1	3.7	2.5	10.2	3.8	2.5	10.4	3.9	2.6	10.5	4.0	2.6	10.7	4.1	2.7	
23		10.1	3.2	2.5	10.2	3.3	2.5	10.4	3.4	2.6	10.5	3.5	2.6	10.7	3.6	2.7		

AFR	Indoor temperature		Outdoor temperature DB (°C)																		
			5			10			15			18			21			25			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
2000	18	9	6.0	2.7	1.9	6.1	2.7	1.9	6.2	2.8	2.0	6.3	2.9	2.1	6.7	3.3	2.2	7.8	4.1	2.4	
		12	6.2	1.7	2.0	6.3	1.8	2.0	6.4	1.8	2.0	6.6	1.9	2.1	7.0	2.2	2.3	8.1	2.7	2.5	
		15	7.5	1.8	2.2	7.6	1.8	2.2	7.7	1.9	2.3	7.9	2.0	2.4	8.4	2.2	2.5	9.8	2.7	2.7	
	21	12	7.5	4.0	2.3	7.6	4.1	2.3	7.7	4.3	2.4	7.9	4.4	2.5	8.4	5.0	2.7	9.8	6.2	2.9	
		15	7.6	3.3	2.3	7.7	3.4	2.4	7.8	3.5	2.4	8.1	3.6	2.5	8.6	4.1	2.7	10.0	5.1	2.9	
		19	8.9	2.6	2.5	9.0	2.7	2.6	9.1	2.8	2.6	9.4	2.9	2.7	10.0	3.2	2.9	11.6	4.0	3.1	
	24	16	8.0	4.1	2.3	8.1	4.3	2.4	8.2	4.4	2.4	8.4	4.5	2.5	9.0	5.2	2.7	10.4	6.3	2.9	
		19	9.1	4.0	2.5	9.2	4.1	2.6	9.3	4.2	2.6	9.6	4.4	2.7	10.2	5.0	3.0	11.9	6.2	3.2	
		23	8.9	1.9	2.6	9.0	1.9	2.7	9.1	2.0	2.7	9.4	2.1	2.9	10.0	2.4	3.1	11.6	2.9	3.3	
	27	16	8.3	5.2	2.5	8.4	5.3	2.5	8.6	5.5	2.6	8.8	5.7	2.7	9.4	6.4	2.9	10.9	7.9	3.1	
		19	9.2	5.1	2.6	9.4	5.3	2.6	9.5	5.4	2.6	9.8	5.6	2.8	10.4	6.4	3.0	12.1	7.9	3.2	
		23	9.8	3.5	2.6	9.9	3.6	2.7	10.1	3.7	2.7	10.4	3.8	2.8	11.0	4.3	3.1	12.8	5.3	3.3	
	29	19	9.4	5.5	2.6	9.6	5.6	2.6	9.7	5.8	2.7	10.0	6.0	2.8	10.6	6.8	3.0	12.4	8.4	3.2	
		16	8.8	5.8	2.5	8.9	5.9	2.6	9.0	6.1	2.6	9.3	6.3	2.7	9.9	7.2	2.9	11.5	8.8	3.1	
		19	9.5	5.9	2.6	9.7	6.0	2.6	9.8	6.2	2.7	10.1	6.4	2.8	10.7	7.3	3.0	12.5	9.0	3.2	
	30	23	10.0	4.8	2.6	10.1	4.9	2.7	10.3	5.1	2.7	10.6	5.3	2.9	11.3	6.0	3.1	13.1	7.4	3.3	
		16	9.2	6.2	2.6	9.3	6.4	2.6	9.5	6.6	2.6	9.7	6.9	2.8	10.4	7.8	3.0	12.1	9.6	3.2	
		19	9.8	6.6	2.6	9.9	6.8	2.7	10.1	6.9	2.7	10.4	7.2	2.8	11.0	8.2	3.1	12.8	10.1	3.3	
	32	23	10.9	6.4	2.7	11.0	6.6	2.7	11.2	6.8	2.8	11.5	7.0	2.9	12.2	8.0	3.1	14.2	9.8	3.4	
		9	6.3	2.9	1.9	6.4	3.0	1.9	6.5	3.1	2.0	6.7	3.2	2.1	7.1	3.6	2.2	8.3	4.5	2.4	
		12	6.5	1.9	2.0	6.6	2.0	2.0	6.7	2.0	2.1	6.9	2.1	2.2	7.4	2.4	2.3	8.6	2.9	2.5	
	2250	18	15	7.9	2.0	2.2	8.0	2.0	2.2	8.1	2.1	2.3	8.3	2.2	2.4	8.9	2.4	2.6	10.3	3.0	2.8
			12	7.9	4.4	2.3	8.0	4.6	2.3	8.1	4.7	2.4	8.3	4.9	2.5	8.9	5.5	2.7	10.3	6.8	2.9
			15	8.0	3.6	2.4	8.2	3.7	2.4	8.3	3.8	2.4	8.5	4.0	2.6	9.1	4.5	2.8	10.5	5.6	3.0
21		19	9.4	2.9	2.5	9.5	3.0	2.6	9.6	3.0	2.6	9.9	3.2	2.7	10.5	3.6	3.0	12.2	4.4	3.2	
		16	8.4	4.6	2.4	8.5	4.7	2.4	8.6	4.8	2.4	8.9	5.0	2.6	9.5	5.7	2.8	11.0	7.0	2.9	
		19	9.5	4.4	2.6	9.7	4.6	2.6	9.8	4.7	2.6	10.1	4.9	2.8	10.8	5.5	3.0	12.5	6.8	3.2	
24		23	9.4	2.1	2.7	9.5	2.1	2.7	9.6	2.2	2.8	9.9	2.3	2.9	10.5	2.6	3.1	12.3	3.2	3.3	
		16	8.8	5.7	2.5	8.9	5.9	2.6	9.0	6.0	2.6	9.3	6.3	2.7	9.9	7.1	2.9	11.5	8.7	3.1	
		19	9.7	5.7	2.6	9.9	5.8	2.6	10.0	6.0	2.7	10.3	6.2	2.8	11.0	7.0	3.0	12.8	8.7	3.2	
27		23	10.3	3.8	2.6	10.5	3.9	2.7	10.6	4.0	2.7	10.9	4.2	2.9	11.6	4.8	3.1	13.5	5.9	3.3	
		19	9.9	6.1	2.6	10.1	6.2	2.7	10.2	6.4	2.7	10.5	6.6	2.8	11.2	7.5	3.1	13.0	9.3	3.3	
		16	9.2	6.4	2.5	9.4	6.5	2.6	9.5	6.7	2.6	9.8	7.0	2.7	10.4	7.9	3.0	12.1	9.7	3.2	
30		19	10.0	6.5	2.6	10.2	6.6	2.7	10.3	6.8	2.7	10.6	7.1	2.8	11.3	8.0	3.1	13.1	9.9	3.3	
		23	10.5	5.3	2.7	10.7	5.4	2.7	10.8	5.6	2.8	11.1	5.8	2.9	11.9	6.6	3.1	13.8	8.1	3.3	
		16	9.7	6.9	2.6	9.8	7.1	2.6	10.0	7.3	2.7	10.3	7.6	2.8	10.9	8.6	3.0	12.7	10.5	3.2	
32		19	10.3	7.2	2.6	10.5	7.4	2.7	10.6	7.6	2.7	10.9	8.0	2.9	11.6	9.0	3.1	13.5	11.1	3.3	
		23	10.9	6.7	2.7	11.0	6.9	2.7	11.2	7.1	2.8	11.5	7.4	2.9	12.2	8.3	3.1	14.2	10.3	3.4	
		9	6.4	3.2	1.9	6.5	3.3	2.0	6.6	3.4	2.0	6.8	3.5	2.1	7.3	4.0	2.3	8.4	4.9	2.4	
2500		18	12	6.7	2.1	2.0	6.8	2.2	2.1	6.9	2.2	2.1	7.1	2.3	2.2	7.5	2.6	2.4	8.8	3.2	2.5
			15	8.1	2.2	2.2	8.2	2.2	2.3	8.3	2.3	2.3	8.5	2.4	2.4	9.1	2.7	2.6	10.5	3.3	2.8
			12	8.0	4.9	2.3	8.1	5.0	2.4	8.2	5.1	2.4	8.5	5.4	2.5	9.0	6.1	2.7	10.5	7.5	2.9
		21	15	8.2	4.0	2.4	8.3	4.1	2.4	8.4	4.2	2.5	8.7	4.4	2.6	9.2	5.0	2.8	10.7	6.1	3.0
			19	9.5	3.2	2.6	9.7	3.2	2.6	9.8	3.3	2.6	10.1	3.5	2.8	10.8	3.9	3.0	12.5	4.8	3.2
			16	8.6	5.0	2.4	8.7	5.1	2.4	8.8	5.3	2.5	9.1	5.5	2.6	9.7	6.2	2.8	11.2	7.7	3.0
	24	19	9.7	4.9	2.6	9.9	5.0	2.6	10.0	5.1	2.7	10.3	5.3	2.8	11.0	6.0	3.0	12.8	7.4	3.2	
		23	9.5	2.3	2.7	9.7	2.3	2.7	9.8	2.4	2.8	10.1	2.5	2.9	10.8	2.8	3.1	12.5	3.5	3.4	
		16	8.9	6.2	2.5	9.1	6.4	2.6	9.2	6.6	2.6	9.5	6.9	2.7	10.1	7.8	3.0	11.7	9.6	3.2	
	27	19	9.9	6.2	2.6	10.1	6.4	2.7	10.2	6.5	2.7	10.5	6.8	2.8	11.2	7.7	3.1	13.0	9.5	3.3	
		23	10.5	4.2	2.7	10.7	4.3	2.7	10.8	4.4	2.8	11.1	4.6	2.9	11.9	5.2	3.1	13.8	6.4	3.3	
		19	10.1	6.6	2.6	10.3	6.8	2.7	10.4	7.0	2.7	10.7	7.3	2.9	11.4	8.3	3.1	13.3	10.2	3.3	
	29	16	9.4	7.0	2.6	9.6	7.2	2.6	9.7	7.4	2.6	9.9	7.7	2.8	10.6	8.7	3.0	12.3	10.7	3.2	
		19	10.2	7.1	2.6	10.4	7.3	2.7	10.5	7.5	2.7	10.8	7.8	2.9	11.5	8.8	3.1	13.4	10.9	3.3	
		23	10.8	5.8	2.7	10.9	6.0	2.7	11.1	6.1	2.8	11.4	6.4	2.9	12.1	7.2	3.1	14.1	8.9	3.4	
	30	16	9.9	7.5	2.6	10.0	7.8	2.7	10.2	8.0	2.7	10.5	8.3	2.8	11.2	9.4	3.1	13.0	11.6	3.3	
		19	10.5	8.0	2.7	10.7	8.2	2.7	10.8	8.4	2.8	11.1	8.7	2.9	11.9	9.9	3.1	13.8	12.2	3.3	
		23	10.9	7.2	2.7	11.0	7.4	2.7	11.2	7.6	2.8	11.5	7.9	2.9	12.2	9.0	3.1	14.2	11.0	3.4	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			5			10			15			18			21			25		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2750	18	9	6.6	2.4	2.0	6.7	2.4	2.0	6.8	2.5	2.0	6.9	2.6	2.1	7.4	2.9	2.3	8.6	3.6	2.4
		12	6.8	1.5	2.0	6.9	1.6	2.1	7.0	1.6	2.1	7.2	1.7	2.2	7.7	1.9	2.4	8.9	2.4	2.6
		15	8.2	1.6	2.2	8.3	1.6	2.3	8.4	1.7	2.3	8.7	1.7	2.4	9.3	2.0	2.6	10.8	2.4	2.8
	21	12	8.2	3.6	2.4	8.3	3.7	2.4	8.4	3.8	2.4	8.6	3.9	2.6	9.2	4.5	2.7	10.7	5.5	2.9
		15	8.4	2.9	2.4	8.5	3.0	2.4	8.6	3.1	2.5	8.8	3.2	2.6	9.4	3.6	2.8	11.0	4.5	3.0
		19	9.7	2.3	2.6	9.9	2.4	2.6	10.0	2.4	2.7	10.3	2.5	2.8	11.0	2.9	3.0	12.7	3.5	3.2
	24	16	8.7	3.7	2.4	8.9	3.8	2.4	9.0	3.9	2.5	9.2	4.0	2.6	9.9	4.6	2.8	11.5	5.6	3.0
		19	9.9	3.6	2.6	10.1	3.7	2.7	10.2	3.8	2.7	10.5	3.9	2.8	11.2	4.4	3.1	13.0	5.5	3.3
		23	9.7	1.7	2.7	9.9	1.7	2.8	10.0	1.8	2.8	10.3	1.8	2.9	11.0	2.1	3.2	12.8	2.6	3.4
	27	16	9.1	4.6	2.6	9.3	4.7	2.6	9.4	4.8	2.6	9.6	5.0	2.8	10.3	5.7	3.0	12.0	7.0	3.2
		19	10.1	4.6	2.6	10.3	4.7	2.7	10.4	4.8	2.7	10.7	5.0	2.9	11.4	5.7	3.1	13.3	7.0	3.3
		23	10.7	3.1	2.7	10.9	3.2	2.7	11.0	3.3	2.8	11.4	3.4	2.9	12.1	3.8	3.1	14.1	4.7	3.4
	29	19	10.3	4.9	2.7	10.5	5.0	2.7	10.6	5.1	2.8	10.9	5.4	2.9	11.7	6.1	3.1	13.5	7.5	3.3
		16	9.6	5.1	2.6	9.7	5.3	2.6	9.9	5.4	2.7	10.1	5.6	2.8	10.8	6.4	3.0	12.6	7.8	3.2
		19	10.4	5.2	2.7	10.6	5.3	2.7	10.7	5.5	2.8	11.0	5.7	2.9	11.8	6.5	3.1	13.7	8.0	3.3
	30	23	11.0	4.3	2.7	11.1	4.4	2.8	11.3	4.5	2.8	11.6	4.7	2.9	12.4	5.3	3.2	14.4	6.5	3.4
		16	10.1	5.5	2.6	10.2	5.7	2.7	10.4	5.8	2.7	10.7	6.1	2.9	11.4	6.9	3.1	13.2	8.5	3.3
		19	10.7	5.8	2.7	10.9	6.0	2.7	11.0	6.2	2.8	11.4	6.4	2.9	12.1	7.3	3.1	14.1	8.9	3.4
32	23	10.9	5.2	2.7	11.0	5.3	2.7	11.2	5.5	2.8	11.5	5.7	2.9	12.2	6.5	3.1	14.2	7.9	3.4	
	18	9	6.6	1.7	2.0	6.7	1.8	2.0	6.8	1.8	2.0	7.0	1.9	2.1	7.5	2.1	2.3	8.7	2.6	2.5
	12	6.9	1.1	2.1	7.0	1.2	2.1	7.1	1.2	2.1	7.3	1.2	2.2	7.8	1.4	2.4	9.0	1.7	2.6	
3000	18	15	8.3	1.2	2.3	8.4	1.2	2.3	8.5	1.2	2.3	8.8	1.3	2.5	9.3	1.4	2.6	10.9	1.8	2.8
		12	8.3	2.6	2.4	8.4	2.7	2.4	8.5	2.7	2.5	8.7	2.9	2.6	9.3	3.2	2.8	10.8	4.0	3.0
		15	8.5	2.1	2.4	8.6	2.2	2.5	8.7	2.2	2.5	8.9	2.3	2.6	9.5	2.6	2.8	11.1	3.3	3.0
	21	19	9.8	1.7	2.6	10.0	1.7	2.7	10.1	1.8	2.7	10.4	1.8	2.8	11.1	2.1	3.1	12.9	2.6	3.3
		16	8.8	2.7	2.4	9.0	2.7	2.5	9.1	2.8	2.5	9.3	2.9	2.6	9.9	3.3	2.8	11.6	4.1	3.0
		19	10.0	2.6	2.6	10.2	2.7	2.7	10.3	2.7	2.7	10.6	2.8	2.9	11.3	3.2	3.1	13.1	4.0	3.3
	24	23	9.8	1.2	2.7	10.0	1.3	2.8	10.1	1.3	2.8	10.4	1.3	3.0	11.1	1.5	3.2	12.9	1.9	3.4
		16	9.2	3.3	2.6	9.3	3.4	2.6	9.5	3.5	2.7	9.7	3.7	2.8	10.4	4.2	3.0	12.1	5.1	3.2
		19	10.2	3.3	2.7	10.4	3.4	2.7	10.5	3.5	2.8	10.8	3.6	2.9	11.5	4.1	3.1	13.4	5.1	3.3
	27	23	10.9	2.2	2.7	11.0	2.3	2.8	11.2	2.4	2.8	11.5	2.5	2.9	12.2	2.8	3.2	14.2	3.4	3.4
		19	10.4	3.5	2.7	10.6	3.6	2.7	10.7	3.7	2.8	11.0	3.9	2.9	11.8	4.4	3.1	13.7	5.4	3.4
		16	9.7	3.7	2.6	9.8	3.8	2.7	10.0	3.9	2.7	10.2	4.1	2.8	10.9	4.6	3.0	12.7	5.7	3.3
	30	19	10.5	3.8	2.7	10.7	3.9	2.7	10.8	4.0	2.8	11.1	4.2	2.9	11.9	4.7	3.1	13.8	5.8	3.4
		23	11.1	3.1	2.7	11.2	3.2	2.8	11.4	3.3	2.8	11.7	3.4	3.0	12.5	3.9	3.2	14.5	4.7	3.4
		16	10.2	4.0	2.7	10.3	4.1	2.7	10.5	4.3	2.8	10.8	4.4	2.9	11.5	5.0	3.1	13.4	6.2	3.3
	32	19	10.9	4.2	2.7	11.0	4.4	2.8	11.2	4.5	2.8	11.5	4.7	2.9	12.2	5.3	3.2	14.2	6.5	3.4
		23	10.9	3.7	2.7	11.0	3.8	2.7	11.2	3.9	2.8	11.5	4.1	2.9	12.2	4.6	3.1	14.2	5.7	3.4

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			30			35			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2000	18	9	8.2	4.5	2.7	8.4	4.9	3.2	8.3	4.8	3.4	6.7	4.0	2.8	6.3	3.8	2.7	5.9	3.6	2.7
		12	8.5	2.9	2.8	8.8	3.2	3.3	8.6	3.1	3.6	7.0	2.6	3.0	6.6	2.5	2.8	6.1	2.4	2.9
		15	10.2	3.0	3.1	10.5	3.3	3.6	10.3	3.2	4.0	8.4	2.7	3.3	7.9	2.6	3.1	7.4	2.4	3.2
	21	12	10.2	6.8	3.2	10.5	7.4	3.8	10.3	7.3	4.2	8.4	6.1	3.4	7.9	5.8	3.2	7.3	5.5	3.3
		15	10.4	5.6	3.3	10.7	6.0	3.9	10.5	6.0	4.2	8.6	5.0	3.5	8.1	4.8	3.3	7.5	4.5	3.4
		19	12.1	4.4	3.6	12.5	4.8	4.2	12.2	4.7	4.6	10.0	3.9	3.8	9.4	3.8	3.6	8.7	3.6	3.6
	24	16	10.9	7.0	3.3	11.2	7.6	3.9	11.0	7.5	4.2	9.0	6.2	3.5	8.4	6.0	3.3	7.9	5.7	3.4
		19	12.4	6.8	3.6	12.8	7.4	4.2	12.5	7.3	4.6	10.2	6.1	3.8	9.6	5.8	3.6	8.9	5.5	3.7
		23	12.1	3.2	3.7	12.5	3.5	4.4	12.3	3.4	4.8	10.0	2.9	4.0	9.4	2.7	3.7	8.8	2.6	3.8
	27	16	11.4	8.7	3.5	11.7	9.5	4.1	11.5	9.4	4.5	9.4	7.8	3.7	8.8	7.5	3.5	8.2	7.1	3.6
		19	12.6	8.6	3.6	13.0	9.4	4.3	12.8	9.3	4.7	10.4	7.7	3.8	9.8	7.4	3.6	9.1	7.0	3.7
		23	13.4	5.9	3.7	13.8	6.4	4.4	13.5	6.3	4.8	11.0	5.2	3.9	10.4	5.0	3.7	9.7	4.8	3.8
	29	19	12.9	9.3	3.7	13.3	10.1	4.3	13.0	9.9	4.7	10.6	8.3	3.9	10.0	7.9	3.7	9.3	7.5	3.8
		16	12.0	9.7	3.6	12.3	10.6	4.2	12.1	10.5	4.6	9.9	8.7	3.8	9.3	8.2	3.6	8.6	7.7	3.6
		19	13.0	9.9	3.7	13.4	10.7	4.3	13.1	10.6	4.7	10.7	8.8	3.9	10.1	8.5	3.7	9.4	8.0	3.8
30	23	13.7	8.1	3.7	14.1	8.8	4.4	13.8	8.7	4.8	11.3	7.2	4.0	10.6	6.9	3.7	9.9	6.6	3.8	
	16	12.6	10.5	3.6	13.0	11.4	4.3	12.7	11.3	4.7	10.4	9.2	3.8	9.7	8.7	3.6	9.1	8.1	3.7	
	19	13.4	11.1	3.7	13.8	12.0	4.4	13.5	11.9	4.8	11.0	9.8	3.9	10.4	9.2	3.7	9.7	8.6	3.8	
32	23	14.8	10.8	3.8	15.3	11.7	4.5	15.0	11.6	4.9	12.2	9.7	4.0	11.5	9.2	3.8	10.7	8.8	3.9	
	9	8.6	4.9	2.7	8.9	5.4	3.2	8.7	5.3	3.5	7.1	4.4	2.9	6.7	4.2	2.7	6.2	4.0	2.8	
	12	8.9	3.2	2.8	9.2	3.5	3.3	9.0	3.5	3.6	7.4	2.9	3.0	6.9	2.8	2.8	6.5	2.6	2.9	
2250	18	15	10.8	3.3	3.1	11.1	3.6	3.7	10.9	3.6	4.0	8.9	3.0	3.3	8.3	2.8	3.1	7.8	2.7	3.2
		12	10.7	7.5	3.3	11.1	8.1	3.8	10.8	8.0	4.2	8.9	6.7	3.5	8.3	6.4	3.3	7.7	6.1	3.3
		15	11.0	6.1	3.3	11.3	6.6	3.9	11.1	6.6	4.3	9.1	5.5	3.5	8.5	5.2	3.3	7.9	5.0	3.4
	21	19	12.8	4.8	3.6	13.2	5.3	4.2	12.9	5.2	4.6	10.5	4.3	3.8	9.9	4.1	3.6	9.2	3.9	3.7
		16	11.5	7.7	3.3	11.8	8.3	3.9	11.6	8.3	4.3	9.5	6.9	3.5	8.9	6.6	3.3	8.3	6.2	3.4
		19	13.0	7.5	3.6	13.4	8.1	4.3	13.2	8.0	4.7	10.8	6.7	3.8	10.1	6.4	3.6	9.4	6.1	3.7
	24	23	12.8	3.5	3.8	13.2	3.8	4.4	12.9	3.8	4.8	10.5	3.1	4.0	9.9	3.0	3.8	9.2	2.9	3.9
		16	12.0	9.6	3.6	12.3	10.4	4.2	12.1	10.3	4.6	9.9	8.6	3.8	9.3	8.2	3.6	8.6	7.8	3.6
		19	13.3	9.5	3.7	13.7	10.3	4.3	13.4	10.2	4.7	11.0	8.5	3.9	10.3	8.1	3.7	9.6	7.7	3.8
	27	23	14.1	6.5	3.7	14.5	7.0	4.4	14.3	6.9	4.8	11.6	5.8	4.0	10.9	5.5	3.7	10.2	5.3	3.8
		19	13.6	10.2	3.7	14.0	11.1	4.4	13.7	11.0	4.8	11.2	9.1	3.9	10.5	8.7	3.7	9.8	8.3	3.8
		16	12.6	10.7	3.6	13.0	11.6	4.2	12.7	11.5	4.6	10.4	9.6	3.8	9.8	9.1	3.6	9.1	8.5	3.7
	30	19	13.7	10.9	3.7	14.1	11.8	4.4	13.8	11.7	4.8	11.3	9.7	3.9	10.6	9.3	3.7	9.9	8.9	3.8
		23	14.4	8.9	3.8	14.8	9.7	4.4	14.5	9.6	4.8	11.9	8.0	4.0	11.1	7.6	3.8	10.4	7.2	3.9
		16	13.3	11.6	3.7	13.7	12.6	4.3	13.4	12.5	4.7	10.9	10.2	3.9	10.3	9.5	3.7	9.6	8.9	3.8
32	19	14.1	12.2	3.7	14.5	13.3	4.4	14.3	13.1	4.8	11.6	10.8	4.0	10.9	10.1	3.7	10.2	9.5	3.8	
	23	14.8	11.3	3.8	15.3	12.3	4.5	15.0	12.1	4.9	12.2	10.1	4.0	11.5	9.7	3.8	10.7	9.2	3.9	
	9	8.8	5.4	2.7	9.1	5.9	3.2	8.9	5.8	3.5	7.3	4.8	2.9	6.8	4.6	2.7	6.4	4.4	2.8	
2500	18	12	9.1	3.5	2.9	9.4	3.8	3.4	9.2	3.8	3.7	7.5	3.2	3.0	7.1	3.0	2.9	6.6	2.9	2.9
		15	11.0	3.6	3.2	11.3	3.9	3.7	11.1	3.9	4.0	9.1	3.3	3.3	8.5	3.1	3.2	7.9	3.0	3.2
		12	11.0	8.2	3.3	11.3	8.9	3.9	11.1	8.8	4.2	9.0	7.3	3.5	8.5	7.0	3.3	7.9	6.7	3.4
	21	15	11.2	6.7	3.4	11.6	7.3	4.0	11.3	7.2	4.3	9.2	6.0	3.6	8.7	5.7	3.4	8.1	5.5	3.5
		19	13.0	5.3	3.6	13.4	5.8	4.3	13.2	5.7	4.7	10.8	4.8	3.8	10.1	4.5	3.6	9.4	4.3	3.7
		16	11.7	8.4	3.4	12.1	9.2	4.0	11.8	9.1	4.3	9.7	7.5	3.6	9.1	7.2	3.4	8.5	6.9	3.5
	24	19	13.3	8.2	3.7	13.7	8.9	4.3	13.4	8.8	4.7	11.0	7.3	3.9	10.3	7.0	3.7	9.6	6.7	3.8
		23	13.0	3.9	3.8	13.4	4.2	4.5	13.2	4.1	4.9	10.8	3.4	4.0	10.1	3.3	3.8	9.4	3.1	3.9
		16	12.2	10.5	3.6	12.6	11.4	4.2	12.3	11.3	4.6	10.1	9.4	3.8	9.5	9.0	3.6	8.8	8.6	3.7
	27	19	13.6	10.4	3.7	14.0	11.3	4.4	13.7	11.2	4.8	11.2	9.3	3.9	10.5	8.9	3.7	9.8	8.5	3.8
		23	14.4	7.1	3.8	14.8	7.7	4.4	14.5	7.6	4.8	11.9	6.3	4.0	11.1	6.1	3.8	10.4	5.8	3.9
		19	13.9	11.2	3.7	14.3	12.1	4.4	14.0	12.0	4.8	11.4	10.0	4.0	10.7	9.6	3.7	10.0	9.1	3.8
	30	16	12.9	11.8	3.6	13.3	12.8	4.3	13.0	12.6	4.7	10.6	10.5	3.8	9.9	9.9	3.6	9.3	9.3	3.7
		19	14.0	11.9	3.7	14.4	13.0	4.4	14.1	12.8	4.8	11.5	10.7	4.0	10.8	10.2	3.7	10.1	9.7	3.8
		23	14.7	9.8	3.8	15.1	10.6	4.5	14.8	10.5	4.9	12.1	8.7	4.0	11.4	8.4	3.8	10.6	8.0	3.9
32	16	13.5	12.7	3.7	13.9	13.8	4.4	13.7	13.7	4.8	11.2	11.2	3.9	10.5	10.5	3.7	9.8	9.8	3.8	
	19	14.4	13.4	3.8	14.8	14.5	4.4	14.5	14.4	4.8	11.9	11.9	4.0	11.1	11.1	3.8	10.4	10.4	3.9	
	23	14.8	12.1	3.8	15.3	13.2	4.5	15.0	13.0	4.9	12.2	10.9	4.0	11.5	10.4	3.8	10.7	9.9	3.9	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			30			35			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2750	18	9	9.0	4.0	2.8	9.3	6.2	3.3	9.1	4.3	3.5	7.4	3.6	2.9	6.9	3.4	2.8	6.5	3.2	2.8
		12	9.3	2.6	2.9	9.6	4.0	3.4	9.4	2.8	3.7	7.7	2.3	3.1	7.2	2.2	2.9	6.7	2.1	3.0
		15	11.2	2.7	3.2	11.6	4.1	3.7	11.3	2.9	4.1	9.3	2.4	3.4	8.7	2.3	3.2	8.1	2.2	3.3
	21	12	11.2	6.0	3.3	11.5	9.4	3.9	11.3	6.5	4.3	9.2	5.4	3.5	8.6	5.2	3.3	8.1	4.9	3.4
		15	11.4	4.9	3.4	11.8	7.7	4.0	11.6	5.3	4.4	9.4	4.4	3.6	8.8	4.2	3.4	8.3	4.0	3.5
		19	13.3	3.9	3.7	13.7	6.1	4.3	13.4	4.2	4.7	11.0	3.5	3.9	10.3	3.3	3.7	9.6	3.2	3.8
	24	16	11.9	6.2	3.4	12.3	9.6	4.0	12.1	6.7	4.4	9.9	5.5	3.6	9.2	5.3	3.4	8.6	5.0	3.5
		19	13.6	6.0	3.7	14.0	9.3	4.4	13.7	6.5	4.8	11.2	5.4	3.9	10.5	5.1	3.7	9.8	4.9	3.8
		23	13.3	2.8	3.9	13.7	4.4	4.5	13.4	3.0	4.9	11.0	2.5	4.1	10.3	2.4	3.9	9.6	2.3	3.9
	27	16	12.5	7.7	3.6	12.9	12.0	4.3	12.6	8.3	4.7	10.3	6.9	3.8	9.6	6.6	3.6	9.0	6.3	3.7
		19	13.9	7.7	3.7	14.3	11.9	4.4	14.0	8.2	4.8	11.4	6.9	4.0	10.7	6.6	3.7	10.0	6.2	3.8
		23	14.7	5.2	3.8	15.1	8.1	4.5	14.8	5.6	4.9	12.1	4.7	4.0	11.4	4.4	3.8	10.6	4.2	3.9
	29	19	14.1	8.2	3.8	14.6	12.8	4.4	14.3	8.8	4.8	11.7	7.3	4.0	10.9	7.0	3.8	10.2	6.7	3.9
		16	13.1	8.6	3.7	13.5	13.4	4.3	13.3	9.3	4.7	10.8	7.7	3.9	10.1	7.3	3.7	9.5	6.8	3.8
		19	14.3	8.8	3.8	14.7	13.6	4.4	14.4	9.4	4.8	11.8	7.8	4.0	11.0	7.5	3.8	10.3	7.1	3.9
	30	23	15.0	7.2	3.9	15.4	11.2	4.5	15.1	7.7	4.9	12.4	6.4	4.1	11.6	6.1	3.9	10.8	5.8	3.9
		16	13.8	9.3	3.7	14.2	14.5	4.4	13.9	10.0	4.8	11.4	8.2	4.0	10.7	7.7	3.7	10.0	7.2	3.8
		19	14.7	9.8	3.8	15.1	15.3	4.5	14.8	10.6	4.9	12.1	8.7	4.0	11.4	8.2	3.8	10.6	7.6	3.9
32	23	14.8	8.7	3.8	15.3	13.6	4.5	15.0	9.4	4.9	12.2	7.8	4.0	11.5	7.5	3.8	10.7	7.1	3.9	
	9	9.1	2.9	2.8	9.3	6.2	3.3	9.2	3.1	3.6	7.5	2.6	3.0	7.0	2.5	2.8	6.5	2.4	2.9	
	12	9.4	1.9	2.9	9.7	4.1	3.4	9.5	2.0	3.7	7.8	1.7	3.1	7.3	1.6	2.9	6.8	1.5	3.0	
3000	18	15	11.3	1.9	3.2	11.7	4.2	3.8	11.4	2.1	4.1	9.3	1.7	3.4	8.8	1.7	3.2	8.2	1.6	3.3
		12	11.3	4.4	3.4	11.6	9.5	4.0	11.4	4.7	4.3	9.3	3.9	3.6	8.7	3.7	3.4	8.1	3.6	3.5
		15	11.5	3.6	3.4	11.9	7.7	4.1	11.7	3.9	4.4	9.5	3.2	3.6	8.9	3.1	3.4	8.3	2.9	3.5
	21	19	13.4	2.8	3.7	13.8	6.1	4.4	13.6	3.0	4.8	11.1	2.5	3.9	10.4	2.4	3.7	9.7	2.3	3.8
		16	12.1	4.5	3.4	12.4	9.7	4.1	12.2	4.8	4.4	9.9	4.0	3.6	9.3	3.8	3.4	8.7	3.7	3.5
		19	13.7	4.4	3.7	14.1	9.4	4.4	13.8	4.7	4.8	11.3	3.9	4.0	10.6	3.7	3.7	9.9	3.6	3.8
	24	23	13.4	2.1	3.9	13.8	4.4	4.6	13.6	2.2	5.0	11.1	1.8	4.1	10.4	1.8	3.9	9.7	1.7	4.0
		16	12.6	5.6	3.7	13.0	12.1	4.3	12.7	6.0	4.7	10.4	5.0	3.9	9.7	4.8	3.7	9.1	4.6	3.8
		19	14.0	5.6	3.8	14.4	12.0	4.4	14.1	6.0	4.8	11.5	5.0	4.0	10.8	4.8	3.8	10.1	4.5	3.9
	27	23	14.8	3.8	3.9	15.3	8.2	4.5	15.0	4.1	4.9	12.2	3.4	4.1	11.5	3.2	3.9	10.7	3.1	3.9
		19	14.3	6.0	3.8	14.7	12.9	4.5	14.4	6.4	4.9	11.8	5.3	4.0	11.0	5.1	3.8	10.3	4.9	3.9
		16	13.3	6.3	3.7	13.7	13.5	4.4	13.4	6.7	4.7	10.9	5.6	3.9	10.2	5.3	3.7	9.6	5.0	3.8
	30	19	14.4	6.4	3.8	14.9	13.8	4.5	14.6	6.9	4.9	11.9	5.7	4.0	11.1	5.5	3.8	10.4	5.2	3.9
		23	15.1	5.2	3.9	15.6	11.3	4.6	15.3	5.6	5.0	12.5	4.7	4.1	11.7	4.5	3.9	10.9	4.2	4.0
		16	13.9	6.8	3.8	14.4	14.6	4.4	14.1	7.3	4.8	11.5	6.0	4.0	10.8	5.6	3.8	10.1	5.2	3.9
	32	19	14.8	7.2	3.9	15.3	15.4	4.5	15.0	7.7	4.9	12.2	6.3	4.1	11.5	5.9	3.9	10.7	5.5	3.9
		23	14.8	6.3	3.8	15.3	13.6	4.5	15.0	6.8	4.9	12.2	5.6	4.0	11.5	5.4	3.8	10.7	5.1	3.9

Outdoor Unit:GHD60NM3C1O Indoor Unit:GFH60K3CI

AFR	Indoor temperature		Outdoor temperature DB (°C)															
			-15			-10			-7			-5			0			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
2520	18	9	6.8	2.8	2.1	6.9	2.9	2.1	7.0	3.0	2.2	7.1	3.1	2.2	7.2	3.1	2.3	
		12	7.0	1.8	2.2	7.1	1.9	2.2	7.2	1.9	2.3	7.3	2.0	2.3	7.4	2.1	2.4	
		15	8.5	1.9	2.4	8.6	1.9	2.5	8.7	2.0	2.5	8.8	2.1	2.6	9.0	2.1	2.6	
	21	12	8.4	4.3	2.5	8.5	4.4	2.6	8.7	4.5	2.6	8.8	4.6	2.7	8.9	4.8	2.7	
		15	8.6	3.5	2.6	8.7	3.6	2.6	8.9	3.7	2.7	9.0	3.8	2.7	9.1	3.9	2.8	
		19	10.0	2.8	2.8	10.2	2.8	2.8	10.3	2.9	2.9	10.5	3.0	2.9	10.6	3.1	3.0	
	24	16	9.0	4.4	2.6	9.1	4.5	2.6	9.3	4.6	2.7	9.4	4.8	2.7	9.5	4.9	2.8	
		19	10.2	4.2	2.8	10.4	4.4	2.9	10.5	4.5	2.9	10.7	4.6	3.0	10.8	4.8	3.0	
		23	10.0	2.0	2.9	10.2	2.1	3.0	10.3	2.1	3.0	10.5	2.2	3.1	10.6	2.2	3.1	
	27	16	9.4	5.5	2.8	9.5	5.6	2.8	9.7	5.8	2.9	9.8	5.9	2.9	10.0	6.1	3.0	
		19	10.4	5.4	2.9	10.6	5.6	2.9	10.8	5.7	3.0	10.9	5.9	3.0	11.1	6.1	3.1	
		23	11.1	3.7	2.9	11.2	3.8	3.0	11.4	3.9	3.0	11.6	4.0	3.1	11.7	4.1	3.1	
	29	19	10.6	5.8	2.9	10.8	6.0	2.9	11.0	6.1	3.0	11.1	6.3	3.0	11.3	6.5	3.1	
		30	16	9.9	6.1	2.8	10.0	6.3	2.8	10.2	6.5	2.9	10.3	6.6	2.9	10.5	6.8	3.0
			19	10.7	6.2	2.9	10.9	6.4	2.9	11.1	6.6	3.0	11.2	6.7	3.0	11.4	6.9	3.1
23	11.3		5.1	2.9	11.5	5.2	3.0	11.6	5.4	3.0	11.8	5.5	3.1	12.0	5.7	3.2		
32	16	10.4	6.6	2.9	10.6	6.8	2.9	10.7	7.0	3.0	10.9	7.2	3.0	11.0	7.4	3.1		
	19	11.1	6.9	2.9	11.2	7.1	3.0	11.4	7.4	3.0	11.6	7.6	3.1	11.7	7.8	3.1		
	23	12.2	6.8	3.0	12.4	7.0	3.1	12.6	7.2	3.1	12.8	7.4	3.2	13.0	7.6	3.2		
2835	18	9	7.1	3.1	2.1	7.2	3.2	2.2	7.3	3.3	2.2	7.4	3.4	2.2	7.6	3.5	2.3	
		12	7.4	2.0	2.2	7.5	2.1	2.3	7.6	2.1	2.3	7.7	2.2	2.3	7.8	2.3	2.4	
		15	8.9	2.1	2.4	9.0	2.1	2.5	9.2	2.2	2.5	9.3	2.3	2.6	9.4	2.3	2.6	
	21	12	8.9	4.7	2.6	9.0	4.8	2.6	9.1	5.0	2.7	9.3	5.1	2.7	9.4	5.3	2.8	
		15	9.1	3.8	2.6	9.2	3.9	2.7	9.4	4.1	2.7	9.5	4.2	2.8	9.6	4.3	2.8	
		19	10.6	3.0	2.8	10.7	3.1	2.9	10.9	3.2	2.9	11.0	3.3	3.0	11.2	3.4	3.0	
	24	16	9.5	4.8	2.6	9.6	5.0	2.7	9.8	5.1	2.7	9.9	5.2	2.8	10.1	5.4	2.8	
		19	10.8	4.7	2.9	10.9	4.8	2.9	11.1	5.0	3.0	11.3	5.1	3.0	11.4	5.2	3.1	
		23	10.6	2.2	3.0	10.7	2.3	3.0	10.9	2.3	3.1	11.0	2.4	3.1	11.2	2.5	3.2	
	27	16	9.9	6.0	2.8	10.0	6.2	2.8	10.2	6.4	2.9	10.3	6.5	2.9	10.5	6.7	3.0	
		19	11.0	6.0	2.9	11.2	6.1	2.9	11.3	6.3	3.0	11.5	6.5	3.0	11.7	6.7	3.1	
		23	11.7	4.0	2.9	11.8	4.2	3.0	12.0	4.3	3.0	12.2	4.4	3.1	12.4	4.5	3.2	
	29	19	11.2	6.4	2.9	11.4	6.6	3.0	11.6	6.8	3.0	11.7	7.0	3.1	11.9	7.2	3.1	
		30	16	10.4	6.7	2.8	10.6	6.9	2.9	10.7	7.1	2.9	10.9	7.3	3.0	11.1	7.5	3.0
			19	11.3	6.8	2.9	11.5	7.0	3.0	11.7	7.2	3.0	11.8	7.4	3.1	12.0	7.6	3.1
23	11.9		5.6	3.0	12.1	5.7	3.0	12.3	5.9	3.1	12.4	6.1	3.1	12.6	6.3	3.2		
32	16	11.0	7.3	2.9	11.1	7.5	2.9	11.3	7.7	3.0	11.5	7.9	3.0	11.6	8.1	3.1		
	19	11.7	7.6	2.9	11.8	7.9	3.0	12.0	8.1	3.0	12.2	8.3	3.1	12.4	8.6	3.2		
	23	12.2	7.1	3.0	12.4	7.3	3.1	12.6	7.5	3.1	12.8	7.7	3.2	13.0	7.9	3.2		
3150	18	9	7.3	3.4	2.2	7.4	3.5	2.2	7.5	3.6	2.2	7.6	3.7	2.3	7.7	3.8	2.3	
		12	7.5	2.2	2.3	7.7	2.3	2.3	7.8	2.3	2.3	7.9	2.4	2.4	8.0	2.5	2.4	
		15	9.1	2.3	2.5	9.2	2.3	2.5	9.4	2.4	2.6	9.5	2.5	2.6	9.6	2.6	2.7	
	21	12	9.0	5.1	2.6	9.2	5.3	2.6	9.3	5.4	2.7	9.5	5.6	2.7	9.6	5.8	2.8	
		15	9.3	4.2	2.7	9.4	4.3	2.7	9.5	4.5	2.7	9.7	4.6	2.8	9.8	4.7	2.8	
		19	10.8	3.3	2.9	10.9	3.4	2.9	11.1	3.5	3.0	11.3	3.6	3.0	11.4	3.7	3.1	
	24	16	9.7	5.3	2.6	9.8	5.4	2.7	10.0	5.6	2.7	10.1	5.8	2.8	10.3	5.9	2.8	
		19	11.0	5.1	2.9	11.2	5.3	2.9	11.3	5.4	3.0	11.5	5.6	3.0	11.7	5.7	3.1	
		23	10.8	2.4	3.0	10.9	2.5	3.1	11.1	2.6	3.1	11.3	2.6	3.2	11.4	2.7	3.2	
	27	16	10.1	6.6	2.8	10.3	6.8	2.9	10.4	7.0	2.9	10.6	7.2	3.0	10.7	7.4	3.0	
		19	11.2	6.5	2.9	11.4	6.7	3.0	11.6	6.9	3.0	11.7	7.1	3.1	11.9	7.3	3.1	
		23	11.9	4.4	3.0	12.1	4.6	3.0	12.3	4.7	3.1	12.4	4.8	3.1	12.6	5.0	3.2	
	29	19	11.4	7.0	2.9	11.6	7.2	3.0	11.8	7.4	3.0	12.0	7.6	3.1	12.1	7.8	3.2	
		30	16	10.6	7.4	2.9	10.8	7.6	2.9	11.0	7.8	3.0	11.1	8.0	3.0	11.3	8.2	3.1
			19	11.6	7.5	2.9	11.7	7.7	3.0	11.9	7.9	3.0	12.1	8.1	3.1	12.3	8.4	3.2
23	12.1		6.1	3.0	12.3	6.3	3.1	12.5	6.5	3.1	12.7	6.7	3.2	12.9	6.9	3.2		
32	16	11.2	8.0	2.9	11.3	8.2	3.0	11.5	8.4	3.0	11.7	8.7	3.1	11.9	8.9	3.1		
	19	11.9	8.4	3.0	12.1	8.6	3.0	12.3	8.9	3.1	12.4	9.1	3.1	12.6	9.4	3.2		
	23	12.2	7.6	3.0	12.4	7.8	3.1	12.6	8.1	3.1	12.8	8.3	3.2	13.0	8.5	3.2		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)														
			-15			-10			-7			-5			0		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
3465	18	9	7.4	2.5	2.2	7.5	2.6	2.2	7.6	2.6	2.3	7.8	2.7	2.3	7.9	2.8	2.3
		12	7.7	1.6	2.3	7.8	1.7	2.3	7.9	1.7	2.4	8.0	1.8	2.4	8.2	1.8	2.4
		15	9.3	1.7	2.5	9.4	1.7	2.5	9.6	1.8	2.6	9.7	1.8	2.6	9.8	1.9	2.7
	21	12	9.2	3.8	2.6	9.4	3.9	2.7	9.5	4.0	2.7	9.6	4.1	2.8	9.8	4.2	2.8
		15	9.4	3.1	2.7	9.6	3.2	2.7	9.7	3.3	2.8	9.9	3.4	2.8	10.0	3.5	2.9
		19	11.0	2.4	2.9	11.2	2.5	2.9	11.3	2.6	3.0	11.5	2.7	3.0	11.7	2.7	3.1
	24	16	9.9	3.9	2.7	10.0	4.0	2.7	10.2	4.1	2.8	10.3	4.2	2.8	10.5	4.3	2.9
		19	11.2	3.8	2.9	11.4	3.9	3.0	11.6	4.0	3.0	11.7	4.1	3.1	11.9	4.2	3.1
		23	11.0	1.8	3.0	11.2	1.8	3.1	11.3	1.9	3.1	11.5	1.9	3.2	11.7	2.0	3.2
	27	16	10.3	4.8	2.9	10.5	5.0	2.9	10.6	5.1	3.0	10.8	5.3	3.0	10.9	5.4	3.1
		19	11.4	4.8	2.9	11.6	4.9	3.0	11.8	5.1	3.0	12.0	5.2	3.1	12.1	5.4	3.2
		23	12.1	3.3	3.0	12.3	3.4	3.1	12.5	3.5	3.1	12.7	3.6	3.2	12.9	3.6	3.2
	29	19	11.7	5.1	3.0	11.9	5.3	3.0	12.0	5.5	3.1	12.2	5.6	3.1	12.4	5.8	3.2
		16	10.8	5.4	2.9	11.0	5.6	2.9	11.2	5.7	3.0	11.3	5.9	3.0	11.5	6.1	3.1
		19	11.8	5.5	3.0	12.0	5.7	3.0	12.1	5.8	3.1	12.3	6.0	3.1	12.5	6.2	3.2
	30	23	12.4	4.5	3.0	12.6	4.6	3.1	12.8	4.8	3.1	12.9	4.9	3.2	13.1	5.0	3.2
		16	11.4	5.9	2.9	11.6	6.0	3.0	11.7	6.2	3.0	11.9	6.4	3.1	12.1	6.6	3.2
		19	12.1	6.2	3.0	12.3	6.3	3.1	12.5	6.5	3.1	12.7	6.7	3.2	12.9	6.9	3.2
32	23	12.2	5.5	3.0	12.4	5.6	3.1	12.6	5.8	3.1	12.8	6.0	3.2	13.0	6.1	3.2	
	9	7.5	1.8	2.2	7.6	1.9	2.2	7.7	1.9	2.3	7.8	2.0	2.3	7.9	2.0	2.4	
	12	7.8	1.2	2.3	7.9	1.2	2.3	8.0	1.3	2.4	8.1	1.3	2.4	8.2	1.3	2.5	
3780	18	15	9.4	1.2	2.5	9.5	1.3	2.6	9.6	1.3	2.6	9.8	1.3	2.7	9.9	1.4	2.7
		12	9.3	2.7	2.6	9.5	2.8	2.7	9.6	2.9	2.7	9.7	3.0	2.8	9.9	3.1	2.8
		15	9.5	2.2	2.7	9.7	2.3	2.8	9.8	2.4	2.8	10.0	2.4	2.9	10.1	2.5	2.9
	21	19	11.1	1.8	2.9	11.3	1.8	3.0	11.4	1.9	3.0	11.6	1.9	3.1	11.8	2.0	3.1
		16	10.0	2.8	2.7	10.1	2.9	2.8	10.3	3.0	2.8	10.4	3.1	2.9	10.6	3.2	2.9
		19	11.3	2.7	2.9	11.5	2.8	3.0	11.7	2.9	3.0	11.8	3.0	3.1	12.0	3.1	3.2
	24	23	11.1	1.3	3.1	11.3	1.3	3.1	11.4	1.4	3.2	11.6	1.4	3.2	11.8	1.4	3.3
		16	10.4	3.5	2.9	10.6	3.6	2.9	10.7	3.7	3.0	10.9	3.8	3.0	11.0	3.9	3.1
		19	11.6	3.5	3.0	11.7	3.6	3.0	11.9	3.7	3.1	12.1	3.8	3.1	12.3	3.9	3.2
	27	23	12.2	2.4	3.0	12.4	2.4	3.1	12.6	2.5	3.1	12.8	2.6	3.2	13.0	2.7	3.2
		19	11.8	3.7	3.0	12.0	3.9	3.1	12.1	4.0	3.1	12.3	4.1	3.2	12.5	4.2	3.2
		16	11.0	3.9	2.9	11.1	4.0	3.0	11.3	4.2	3.0	11.4	4.3	3.1	11.6	4.4	3.1
	30	19	11.9	4.0	3.0	12.1	4.1	3.1	12.3	4.2	3.1	12.4	4.4	3.2	12.6	4.5	3.2
		23	12.5	3.3	3.1	12.7	3.4	3.1	12.9	3.5	3.2	13.1	3.6	3.2	13.3	3.7	3.3
		16	11.5	4.3	3.0	11.7	4.4	3.0	11.9	4.5	3.1	12.0	4.6	3.1	12.2	4.8	3.2
	32	19	12.2	4.5	3.0	12.4	4.6	3.1	12.6	4.7	3.1	12.8	4.9	3.2	13.0	5.0	3.2
		23	12.2	3.9	3.0	12.4	4.1	3.1	12.6	4.2	3.1	12.8	4.3	3.2	13.0	4.4	3.2

AFR	Indoor temperature		Outdoor temperature DB (°C)																		
			5			10			15			18			21			25			
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
2520	18	9	7.3	3.2	2.3	7.4	3.3	2.3	7.5	3.4	2.4	7.7	3.5	2.5	8.2	4.0	2.7	9.5	4.9	2.9	
		12	7.5	2.1	2.4	7.7	2.2	2.4	7.8	2.2	2.5	8.0	2.3	2.6	8.5	2.6	2.8	9.9	3.2	3.0	
		15	9.1	2.2	2.6	9.2	2.2	2.7	9.3	2.3	2.7	9.6	2.4	2.9	10.2	2.7	3.1	11.9	3.3	3.3	
	21	12	9.1	4.9	2.8	9.2	5.0	2.8	9.3	5.2	2.9	9.6	5.4	3.0	10.2	6.1	3.2	11.9	7.5	3.5	
		15	9.3	4.0	2.8	9.4	4.1	2.9	9.5	4.2	2.9	9.8	4.4	3.1	10.4	5.0	3.3	12.1	6.1	3.5	
		19	10.8	3.2	3.0	10.9	3.3	3.1	11.1	3.3	3.1	11.4	3.5	3.3	12.1	3.9	3.6	14.1	4.9	3.8	
	24	16	9.7	5.0	2.8	9.8	5.2	2.9	10.0	5.3	2.9	10.2	5.5	3.1	10.9	6.3	3.3	12.7	7.7	3.5	
		19	11.0	4.9	3.1	11.2	5.0	3.1	11.3	5.2	3.2	11.6	5.4	3.3	12.4	6.1	3.6	14.4	7.5	3.8	
		23	10.8	2.3	3.2	10.9	2.4	3.3	11.1	2.4	3.3	11.4	2.5	3.5	12.1	2.9	3.7	14.1	3.5	4.0	
	27	16	10.1	6.3	3.0	10.2	6.5	3.1	10.4	6.6	3.1	10.7	6.9	3.3	11.4	7.8	3.5	13.2	9.6	3.8	
		19	11.2	6.2	3.1	11.4	6.4	3.2	11.5	6.6	3.2	11.9	6.8	3.4	12.6	7.8	3.6	14.7	9.5	3.9	
		23	11.9	4.2	3.2	12.1	4.3	3.2	12.2	4.5	3.3	12.6	4.6	3.4	13.4	5.3	3.7	15.6	6.5	4.0	
	29	19	11.4	6.7	3.1	11.6	6.9	3.2	11.8	7.0	3.2	12.1	7.3	3.4	12.9	8.3	3.7	15.0	10.2	3.9	
		30	16	10.6	7.0	3.0	10.8	7.2	3.1	10.9	7.4	3.1	11.2	7.7	3.3	12.0	8.7	3.6	13.9	10.7	3.8
			19	11.6	7.1	3.1	11.7	7.3	3.2	11.9	7.5	3.2	12.2	7.8	3.4	13.0	8.9	3.7	15.1	10.9	3.9
	23		12.1	5.8	3.2	12.3	6.0	3.3	12.5	6.2	3.3	12.8	6.4	3.5	13.7	7.3	3.7	15.9	8.9	4.0	
	32	16	11.2	7.6	3.1	11.3	7.8	3.2	11.5	8.0	3.2	11.8	8.3	3.4	12.6	9.4	3.6	14.7	11.6	3.9	
		19	11.9	8.0	3.2	12.1	8.2	3.2	12.2	8.4	3.3	12.6	8.8	3.4	13.4	9.9	3.7	15.6	12.2	4.0	
23		13.2	7.8	3.3	13.4	8.0	3.3	13.5	8.2	3.4	13.9	8.5	3.5	14.8	9.7	3.8	17.3	11.9	4.1		
2835	18	9	7.7	3.6	2.3	7.8	3.7	2.4	7.9	3.8	2.4	8.1	3.9	2.5	8.6	4.4	2.7	10.0	5.4	2.9	
		12	8.0	2.3	2.4	8.1	2.4	2.5	8.2	2.4	2.5	8.4	2.5	2.6	9.0	2.9	2.8	10.4	3.6	3.0	
		15	9.6	2.4	2.7	9.7	2.5	2.7	9.9	2.5	2.8	10.1	2.6	2.9	10.8	3.0	3.1	12.5	3.7	3.3	
	21	12	9.5	5.4	2.8	9.7	5.5	2.8	9.8	5.7	2.9	10.1	5.9	3.0	10.7	6.7	3.3	12.5	8.3	3.5	
		15	9.8	4.4	2.9	9.9	4.5	2.9	10.0	4.7	3.0	10.3	4.8	3.1	11.0	5.5	3.3	12.8	6.8	3.6	
		19	11.4	3.5	3.1	11.5	3.6	3.1	11.7	3.7	3.2	12.0	3.8	3.3	12.8	4.3	3.6	14.9	5.3	3.8	
	24	16	10.2	5.5	2.9	10.3	5.7	2.9	10.5	5.8	3.0	10.8	6.1	3.1	11.5	6.9	3.3	13.4	8.5	3.6	
		19	11.6	5.4	3.1	11.8	5.5	3.2	11.9	5.7	3.2	12.2	5.9	3.4	13.1	6.7	3.6	15.2	8.2	3.9	
		23	11.4	2.5	3.2	11.5	2.6	3.3	11.7	2.7	3.3	12.0	2.8	3.5	12.8	3.1	3.8	14.9	3.9	4.0	
	27	16	10.6	6.9	3.0	10.8	7.1	3.1	10.9	7.3	3.1	11.2	7.6	3.3	12.0	8.6	3.6	13.9	10.6	3.8	
		19	11.8	6.9	3.1	12.0	7.0	3.2	12.2	7.2	3.2	12.5	7.5	3.4	13.3	8.5	3.7	15.5	10.5	3.9	
		23	12.5	4.7	3.2	12.7	4.8	3.3	12.9	4.9	3.3	13.2	5.1	3.5	14.1	5.8	3.7	16.4	7.1	4.0	
	29	19	12.1	7.3	3.2	12.2	7.5	3.2	12.4	7.8	3.3	12.7	8.1	3.4	13.6	9.1	3.7	15.8	11.3	4.0	
		30	16	11.2	7.7	3.1	11.4	7.9	3.1	11.5	8.1	3.2	11.8	8.5	3.3	12.6	9.6	3.6	14.7	11.8	3.8
			19	12.2	7.8	3.2	12.4	8.1	3.2	12.5	8.3	3.3	12.9	8.6	3.4	13.7	9.8	3.7	16.0	12.0	4.0
	23		12.8	6.4	3.2	13.0	6.6	3.3	13.2	6.8	3.3	13.5	7.1	3.5	14.4	8.0	3.8	16.8	9.8	4.0	
	32	16	11.8	8.4	3.1	12.0	8.6	3.2	12.1	8.8	3.2	12.5	9.2	3.4	13.3	10.4	3.7	15.4	12.8	3.9	
		19	12.5	8.8	3.2	12.7	9.0	3.3	12.9	9.3	3.3	13.2	9.7	3.5	14.1	10.9	3.7	16.4	13.5	4.0	
23		13.2	8.1	3.3	13.4	8.4	3.3	13.5	8.6	3.4	13.9	8.9	3.5	14.8	10.1	3.8	17.3	12.5	4.1		
3150	18	9	7.8	3.9	2.3	7.9	4.0	2.4	8.0	4.1	2.4	8.3	4.3	2.5	8.8	4.9	2.7	10.2	6.0	2.9	
		12	8.1	2.5	2.5	8.2	2.6	2.5	8.3	2.7	2.5	8.6	2.8	2.7	9.1	3.2	2.9	10.6	3.9	3.1	
		15	9.8	2.6	2.7	9.9	2.7	2.7	10.1	2.8	2.8	10.3	2.9	2.9	11.0	3.3	3.1	12.8	4.0	3.4	
	21	12	9.7	5.9	2.8	9.9	6.1	2.9	10.0	6.2	2.9	10.3	6.5	3.1	11.0	7.4	3.3	12.7	9.1	3.5	
		15	10.0	4.8	2.9	10.1	5.0	2.9	10.2	5.1	3.0	10.5	5.3	3.1	11.2	6.0	3.4	13.1	7.4	3.6	
		19	11.6	3.8	3.1	11.8	3.9	3.2	11.9	4.0	3.2	12.2	4.2	3.4	13.1	4.8	3.6	15.2	5.9	3.9	
	24	16	10.4	6.1	2.9	10.6	6.2	2.9	10.7	6.4	3.0	11.0	6.7	3.1	11.7	7.6	3.4	13.6	9.3	3.6	
		19	11.8	5.9	3.1	12.0	6.1	3.2	12.2	6.2	3.2	12.5	6.5	3.4	13.3	7.3	3.7	15.5	9.0	3.9	
		23	11.6	2.8	3.3	11.8	2.9	3.3	11.9	2.9	3.4	12.2	3.0	3.5	13.1	3.5	3.8	15.2	4.3	4.1	
	27	16	10.9	7.6	3.1	11.0	7.8	3.1	11.2	8.0	3.2	11.5	8.3	3.3	12.2	9.4	3.6	14.2	11.6	3.8	
		19	12.1	7.5	3.2	12.2	7.7	3.2	12.4	7.9	3.3	12.8	8.3	3.4	13.6	9.4	3.7	15.8	11.5	4.0	
		23	12.8	5.1	3.2	13.0	5.2	3.3	13.2	5.4	3.3	13.5	5.6	3.5	14.4	6.4	3.8	16.8	7.8	4.0	
	29	19	12.3	8.1	3.2	12.5	8.3	3.3	12.7	8.5	3.3	13.0	8.8	3.5	13.9	10.0	3.7	16.1	12.3	4.0	
		30	16	11.4	8.5	3.1	11.6	8.7	3.2	11.8	8.9	3.2	12.1	9.3	3.4	12.9	10.5	3.6	15.0	13.0	3.9
			19	12.4	8.6	3.2	12.6	8.8	3.3	12.8	9.1	3.3	13.1	9.4	3.5	14.0	10.7	3.7	16.3	13.2	4.0
	23		13.1	7.0	3.3	13.2	7.2	3.3	13.4	7.4	3.4	13.8	7.7	3.5	14.7	8.8	3.8	17.1	10.8	4.1	
	32	16	12.0	9.2	3.2	12.2	9.4	3.2	12.4	9.7	3.3	12.7	10.1	3.4	13.6	11.4	3.7	15.8	14.0	4.0	
		19	12.8	9.7	3.2	13.0	9.9	3.3	13.2	10.2	3.3	13.5	10.6	3.5	14.4	12.0	3.8	16.8	14.8	4.0	
23		13.2	8.8	3.3	13.4	9.0	3.3	13.5	9.2	3.4	13.9	9.6	3.5	14.8	10.9	3.8	17.3	13.4	4.1		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			5			10			15			18			21			25		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
3465	18	9	8.0	2.9	2.4	8.1	2.9	2.4	8.2	3.0	2.4	8.4	3.1	2.6	9.0	3.6	2.8	10.4	4.4	3.0
		12	8.3	1.9	2.5	8.4	1.9	2.5	8.5	2.0	2.6	8.7	2.1	2.7	9.3	2.3	2.9	10.8	2.9	3.1
		15	10.0	1.9	2.7	10.1	2.0	2.8	10.3	2.0	2.8	10.5	2.1	3.0	11.2	2.4	3.2	13.1	2.9	3.4
	21	12	9.9	4.3	2.9	10.1	4.5	2.9	10.2	4.6	3.0	10.5	4.8	3.1	11.2	5.4	3.3	13.0	6.7	3.6
		15	10.2	3.6	2.9	10.3	3.7	3.0	10.5	3.8	3.0	10.7	3.9	3.2	11.5	4.4	3.4	13.3	5.4	3.7
		19	11.8	2.8	3.1	12.0	2.9	3.2	12.2	3.0	3.2	12.5	3.1	3.4	13.3	3.5	3.7	15.5	4.3	3.9
	24	16	10.6	4.5	2.9	10.8	4.6	3.0	10.9	4.7	3.0	11.2	4.9	3.2	12.0	5.6	3.4	13.9	6.8	3.6
		19	12.1	4.3	3.2	12.2	4.5	3.2	12.4	4.6	3.3	12.7	4.8	3.4	13.6	5.4	3.7	15.8	6.6	4.0
		23	11.8	2.0	3.3	12.0	2.1	3.4	12.2	2.2	3.4	12.5	2.2	3.6	13.3	2.5	3.9	15.5	3.1	4.1
	27	16	11.1	5.6	3.1	11.2	5.7	3.2	11.4	5.9	3.2	11.7	6.1	3.4	12.5	6.9	3.6	14.5	8.5	3.9
		19	12.3	5.5	3.2	12.5	5.7	3.3	12.7	5.8	3.3	13.0	6.1	3.5	13.9	6.9	3.7	16.1	8.5	4.0
		23	13.1	3.8	3.3	13.2	3.9	3.3	13.4	4.0	3.4	13.8	4.1	3.5	14.7	4.7	3.8	17.1	5.7	4.1
	29	19	12.6	5.9	3.2	12.7	6.1	3.3	12.9	6.2	3.3	13.3	6.5	3.5	14.1	7.4	3.8	16.4	9.1	4.0
		16	11.7	6.2	3.1	11.8	6.4	3.2	12.0	6.6	3.2	12.3	6.8	3.4	13.1	7.7	3.7	15.3	9.5	3.9
		19	12.7	6.3	3.2	12.9	6.5	3.3	13.0	6.7	3.3	13.4	6.9	3.5	14.3	7.9	3.8	16.6	9.7	4.0
	30	23	13.3	5.2	3.3	13.5	5.3	3.4	13.7	5.5	3.4	14.1	5.7	3.6	15.0	6.4	3.9	17.4	7.9	4.1
		16	12.3	6.7	3.2	12.4	6.9	3.3	12.6	7.1	3.3	13.0	7.4	3.5	13.8	8.4	3.7	16.1	10.3	4.0
		19	13.1	7.1	3.3	13.2	7.3	3.3	13.4	7.5	3.4	13.8	7.8	3.5	14.7	8.8	3.8	17.1	10.9	4.1
32	23	13.2	6.3	3.3	13.4	6.5	3.3	13.5	6.6	3.4	13.9	6.9	3.5	14.8	7.8	3.8	17.3	9.6	4.1	
	18	9	8.1	2.1	2.4	8.2	2.1	2.4	8.3	2.2	2.5	8.5	2.3	2.6	9.1	2.6	2.8	10.6	3.2	3.0
	12	8.4	1.4	2.5	8.5	1.4	2.5	8.6	1.4	2.6	8.8	1.5	2.7	9.4	1.7	2.9	10.9	2.1	3.1	
3780	18	15	10.1	1.4	2.8	10.2	1.4	2.8	10.4	1.5	2.8	10.6	1.5	3.0	11.3	1.7	3.2	13.2	2.1	3.4
		12	10.0	3.2	2.9	10.2	3.2	2.9	10.3	3.3	3.0	10.6	3.5	3.1	11.3	3.9	3.4	13.1	4.8	3.6
		15	10.3	2.6	3.0	10.4	2.7	3.0	10.6	2.7	3.0	10.8	2.8	3.2	11.6	3.2	3.4	13.4	4.0	3.7
	21	19	11.9	2.0	3.2	12.1	2.1	3.2	12.3	2.2	3.3	12.6	2.2	3.4	13.4	2.5	3.7	15.6	3.1	4.0
		16	10.7	3.2	2.9	10.9	3.3	3.0	11.0	3.4	3.0	11.3	3.6	3.2	12.1	4.0	3.4	14.0	5.0	3.7
		19	12.2	3.2	3.2	12.4	3.2	3.3	12.5	3.3	3.3	12.9	3.5	3.5	13.7	3.9	3.7	16.0	4.8	4.0
	24	23	11.9	1.5	3.3	12.1	1.5	3.4	12.3	1.6	3.4	12.6	1.6	3.6	13.5	1.8	3.9	15.6	2.3	4.2
		16	11.2	4.1	3.1	11.3	4.2	3.2	11.5	4.3	3.2	11.8	4.4	3.4	12.6	5.0	3.7	14.7	6.2	3.9
		19	12.4	4.0	3.2	12.6	4.1	3.3	12.8	4.2	3.3	13.1	4.4	3.5	14.0	5.0	3.8	16.3	6.2	4.0
	27	23	13.2	2.7	3.3	13.4	2.8	3.4	13.5	2.9	3.4	13.9	3.0	3.6	14.8	3.4	3.9	17.3	4.2	4.1
		19	12.7	4.3	3.3	12.9	4.4	3.3	13.0	4.5	3.4	13.4	4.7	3.5	14.3	5.4	3.8	16.6	6.6	4.1
		16	11.8	4.5	3.2	11.9	4.6	3.2	12.1	4.8	3.3	12.4	5.0	3.4	13.3	5.6	3.7	15.4	6.9	4.0
	30	19	12.8	4.6	3.3	13.0	4.7	3.3	13.2	4.8	3.4	13.5	5.0	3.5	14.4	5.7	3.8	16.8	7.0	4.1
		23	13.4	3.8	3.3	13.6	3.9	3.4	13.8	4.0	3.4	14.2	4.1	3.6	15.1	4.7	3.9	17.6	5.8	4.2
		16	12.4	4.9	3.2	12.6	5.0	3.3	12.7	5.2	3.3	13.1	5.4	3.5	14.0	6.1	3.8	16.2	7.5	4.0
	32	19	13.2	5.2	3.3	13.4	5.3	3.4	13.5	5.4	3.4	13.9	5.7	3.6	14.8	6.4	3.9	17.3	7.9	4.1
		23	13.2	4.5	3.3	13.4	4.7	3.3	13.5	4.8	3.4	13.9	5.0	3.5	14.8	5.6	3.8	17.3	6.9	4.1

AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			30			35			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2520	18	9	9.9	5.4	3.3	10.2	5.9	3.8	10.0	5.8	4.2	8.2	4.9	3.5	7.7	4.7	3.3	7.2	4.4	3.3
		12	10.3	3.6	3.4	10.6	3.9	4.0	10.4	3.8	4.4	8.5	3.2	3.6	8.0	3.0	3.4	7.4	2.9	3.5
		15	12.4	3.7	3.7	12.8	4.0	4.4	12.5	3.9	4.8	10.2	3.3	4.0	9.6	3.1	3.7	9.0	3.0	3.8
	21	12	12.4	8.3	3.9	12.7	9.0	4.6	12.5	8.9	5.0	10.2	7.4	4.2	9.6	7.1	3.9	8.9	6.7	4.0
		15	12.7	6.8	4.0	13.1	7.3	4.7	12.8	7.3	5.2	10.4	6.0	4.3	9.8	5.8	4.0	9.1	5.5	4.1
		19	14.7	5.3	4.3	15.2	5.8	5.1	14.9	5.7	5.5	12.1	4.8	4.6	11.4	4.6	4.3	10.6	4.3	4.4
	24	16	13.2	8.5	4.0	13.6	9.2	4.7	13.4	9.1	5.1	10.9	7.6	4.2	10.2	7.2	4.0	9.5	6.9	4.1
		19	15.0	8.2	4.4	15.5	8.9	5.1	15.2	8.8	5.6	12.4	7.4	4.6	11.6	7.0	4.4	10.8	6.7	4.5
		23	14.7	3.9	4.5	15.2	4.2	5.3	14.9	4.2	5.8	12.1	3.5	4.8	11.4	3.3	4.5	10.6	3.1	4.6
	27	16	13.8	10.6	4.3	14.2	11.5	5.0	13.9	11.4	5.5	11.4	9.5	4.5	10.7	9.0	4.3	10.0	8.6	4.4
		19	15.3	10.5	4.4	15.8	11.4	5.2	15.5	11.3	5.7	12.6	9.4	4.7	11.9	9.0	4.4	11.1	8.5	4.5
		23	16.3	7.1	4.5	16.8	7.7	5.3	16.4	7.7	5.8	13.4	6.4	4.8	12.6	6.1	4.5	11.7	5.8	4.6
	29	19	15.6	11.2	4.5	16.1	12.2	5.2	15.8	12.1	5.7	12.9	10.1	4.7	12.1	9.6	4.5	11.3	9.1	4.6
		16	14.5	11.8	4.3	15.0	12.8	5.1	14.7	12.7	5.5	12.0	10.6	4.6	11.2	10.0	4.3	10.5	9.3	4.4
		19	15.8	12.0	4.5	16.3	13.0	5.2	16.0	12.9	5.7	13.0	10.7	4.7	12.2	10.3	4.5	11.4	9.8	4.6
	30	23	16.6	9.8	4.5	17.1	10.7	5.3	16.8	10.6	5.8	13.7	8.8	4.8	12.8	8.4	4.5	12.0	8.0	4.6
		16	15.3	12.8	4.4	15.8	13.9	5.2	15.4	13.7	5.6	12.6	11.2	4.7	11.8	10.5	4.4	11.0	9.8	4.5
		19	16.3	13.5	4.5	16.8	14.6	5.3	16.4	14.5	5.8	13.4	11.9	4.8	12.6	11.2	4.5	11.7	10.4	4.6
32	23	18.0	13.1	4.6	18.6	14.2	5.4	18.2	14.1	5.9	14.8	11.7	4.9	13.9	11.2	4.6	13.0	10.7	4.7	
	16	15.3	12.8	4.4	15.8	13.9	5.2	15.4	13.7	5.6	12.6	11.2	4.7	11.8	10.5	4.4	11.0	9.8	4.5	
	19	16.3	13.5	4.5	16.8	14.6	5.3	16.4	14.5	5.8	13.4	11.9	4.8	12.6	11.2	4.5	11.7	10.4	4.6	
2835	18	9	10.5	6.0	3.3	10.8	6.5	3.9	10.6	6.4	4.2	8.6	5.4	3.5	8.1	5.1	3.3	7.6	4.9	3.4
		12	10.9	3.9	3.4	11.2	4.2	4.1	11.0	4.2	4.4	9.0	3.5	3.6	8.4	3.3	3.4	7.8	3.2	3.5
		15	13.1	4.0	3.8	13.5	4.4	4.5	13.2	4.3	4.9	10.8	3.6	4.0	10.1	3.4	3.8	9.4	3.3	3.9
	21	12	13.0	9.1	4.0	13.4	9.9	4.7	13.2	9.8	5.1	10.7	8.1	4.2	10.1	7.8	4.0	9.4	7.4	4.1
		15	13.3	7.4	4.1	13.8	8.1	4.8	13.5	8.0	5.2	11.0	6.7	4.3	10.3	6.4	4.1	9.6	6.0	4.2
		19	15.5	5.9	4.4	16.0	6.4	5.1	15.7	6.3	5.6	12.8	5.3	4.6	12.0	5.0	4.4	11.2	4.8	4.5
	24	16	13.9	9.3	4.1	14.4	10.1	4.8	14.1	10.0	5.2	11.5	8.3	4.3	10.8	8.0	4.1	10.1	7.6	4.1
		19	15.8	9.1	4.4	16.3	9.8	5.2	16.0	9.7	5.7	13.1	8.1	4.7	12.2	7.7	4.4	11.4	7.4	4.5
		23	15.5	4.3	4.6	16.0	4.6	5.4	15.7	4.6	5.9	12.8	3.8	4.9	12.0	3.6	4.6	11.2	3.5	4.7
	27	16	14.5	11.7	4.3	15.0	12.7	5.1	14.7	12.5	5.5	12.0	10.4	4.6	11.2	10.0	4.3	10.5	9.5	4.4
		19	16.2	11.6	4.5	16.7	12.5	5.2	16.3	12.4	5.7	13.3	10.3	4.7	12.5	9.9	4.5	11.7	9.4	4.6
		23	17.1	7.8	4.5	17.7	8.5	5.3	17.3	8.4	5.8	14.1	7.0	4.8	13.2	6.7	4.5	12.4	6.4	4.6
	29	19	16.5	12.4	4.5	17.0	13.4	5.3	16.7	13.3	5.8	13.6	11.1	4.8	12.7	10.6	4.5	11.9	10.1	4.6
		16	15.3	13.0	4.4	15.8	14.1	5.1	15.5	14.0	5.6	12.6	11.6	4.6	11.8	11.0	4.4	11.1	10.3	4.5
		19	16.6	13.2	4.5	17.2	14.3	5.3	16.8	14.2	5.8	13.7	11.8	4.8	12.9	11.3	4.5	12.0	10.7	4.6
	30	23	17.5	10.8	4.6	18.0	11.8	5.4	17.7	11.6	5.9	14.4	9.7	4.9	13.5	9.3	4.6	12.6	8.8	4.7
		16	16.1	14.1	4.4	16.6	15.3	5.2	16.3	15.1	5.7	13.3	12.4	4.7	12.5	11.6	4.4	11.6	10.8	4.6
		19	17.1	14.8	4.5	17.7	16.1	5.3	17.3	15.9	5.8	14.1	13.1	4.8	13.2	12.3	4.5	12.4	11.5	4.6
32	23	18.0	13.7	4.6	18.6	14.9	5.4	18.2	14.7	5.9	14.8	12.3	4.9	13.9	11.7	4.6	13.0	11.2	4.7	
	16	15.3	12.8	4.4	15.8	13.9	5.2	15.4	13.7	5.6	12.6	11.2	4.7	11.8	10.5	4.4	11.0	9.8	4.5	
	19	16.3	13.5	4.5	16.8	14.6	5.3	16.4	14.5	5.8	13.4	11.9	4.8	12.6	11.2	4.5	11.7	10.4	4.6	
3150	18	9	10.7	6.6	3.3	11.0	7.1	3.9	10.8	7.1	4.3	8.8	5.9	3.5	8.3	5.6	3.3	7.7	5.3	3.4
		12	11.1	4.3	3.5	11.4	4.7	4.1	11.2	4.6	4.5	9.1	3.8	3.7	8.6	3.7	3.5	8.0	3.5	3.6
		15	13.4	4.4	3.8	13.8	4.8	4.5	13.5	4.7	4.9	11.0	4.0	4.0	10.3	3.8	3.8	9.6	3.6	3.9
	21	12	13.3	10.0	4.0	13.7	10.8	4.7	13.4	10.7	5.1	11.0	8.9	4.2	10.3	8.5	4.0	9.6	8.1	4.1
		15	13.6	8.2	4.1	14.0	8.9	4.8	13.8	8.8	5.3	11.2	7.3	4.3	10.5	7.0	4.1	9.8	6.6	4.2
		19	15.8	6.5	4.4	16.3	7.0	5.2	16.0	6.9	5.7	13.1	5.8	4.7	12.2	5.5	4.4	11.4	5.2	4.5
	24	16	14.2	10.2	4.1	14.7	11.1	4.8	14.4	11.0	5.3	11.7	9.2	4.3	11.0	8.8	4.1	10.3	8.3	4.2
		19	16.2	9.9	4.5	16.7	10.8	5.2	16.3	10.7	5.7	13.3	8.9	4.7	12.5	8.5	4.5	11.7	8.1	4.6
		23	15.8	4.7	4.6	16.3	5.1	5.4	16.0	5.0	5.9	13.1	4.2	4.9	12.2	4.0	4.6	11.4	3.8	4.7
	27	16	14.8	12.8	4.4	15.3	13.9	5.1	15.0	13.7	5.6	12.2	11.4	4.6	11.5	10.9	4.4	10.7	10.4	4.5
		19	16.5	12.7	4.5	17.0	13.8	5.3	16.7	13.6	5.8	13.6	11.3	4.8	12.8	10.8	4.5	11.9	10.3	4.6
		23	17.5	8.6	4.6	18.0	9.3	5.4	17.7	9.2	5.9	14.4	7.7	4.9	13.5	7.4	4.6	12.6	7.0	4.7
	29	19	16.8	13.6	4.5	17.3	14.7	5.3	17.0	14.6	5.8	13.9	12.2	4.8	13.0	11.6	4.5	12.1	11.0	4.6
		16	15.6	14.3	4.4	16.1	15.5	5.2	15.8	15.3	5.6	12.9	12.8	4.7	12.1	12.1	4.4	11.3	11.3	4.5
		19	17.0	14.5	4.5	17.5	15.7	5.3	17.2	15.6	5.8	14.0	13.0	4.8	13.1	12.4	4.5	12.3	11.8	4.6
	30	23	17.8	11.9	4.6	18.4	12.9	5.4	18.0	12.8	5.9	14.7	10.6	4.9	13.8	10.2	4.6	12.9	9.7	4.7
		16	16.4	15.5	4.5	16.9	16.8	5.3	16.6	16.6	5.8	13.6	13.6	4.8	12.7	12.7	4.5	11.9	11.9	4.6
		19	17.5	16.3	4.6	18.0	17.7	5.4	17.7	17.5	5.9	14.4	14.4	4.9	13.5	13.5	4.6	12.6	12.6	4.7
32	23	18.0	14.8	4.6	18.6	16.0	5.4	18.2	15.8	5.9	14.8	13.2	4.9	13.9	12.6	4.6	13.0	12.0	4.7	

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AFR	Indoor temperature		Outdoor temperature DB (°C)																	
			30			35			39			43			46			48		
	DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
3465	18	9	10.9	4.8	3.4	11.2	7.5	4.0	11.0	5.2	4.3	9.0	4.3	3.6	8.4	4.1	3.4	7.9	3.9	3.4
		12	11.3	3.2	3.5	11.7	4.9	4.1	11.4	3.4	4.5	9.3	2.8	3.7	8.7	2.7	3.5	8.2	2.6	3.6
		15	13.6	3.2	3.9	14.0	5.0	4.5	13.8	3.5	5.0	11.2	2.9	4.1	10.5	2.8	3.9	9.8	2.6	4.0
	21	12	13.6	7.3	4.1	14.0	11.4	4.8	13.7	7.9	5.2	11.2	6.6	4.3	10.5	6.3	4.1	9.8	6.0	4.1
		15	13.9	6.0	4.1	14.3	9.3	4.9	14.0	6.4	5.3	11.5	5.4	4.4	10.7	5.1	4.1	10.0	4.9	4.2
		19	16.1	4.7	4.5	16.6	7.4	5.2	16.3	5.1	5.7	13.3	4.2	4.7	12.5	4.1	4.5	11.7	3.9	4.6
	24	16	14.5	7.5	4.1	15.0	11.7	4.9	14.7	8.1	5.3	12.0	6.7	4.4	11.2	6.4	4.1	10.5	6.1	4.2
		19	16.5	7.3	4.5	17.0	11.3	5.3	16.7	7.8	5.8	13.6	6.5	4.8	12.7	6.2	4.5	11.9	5.9	4.6
		23	16.2	3.4	4.7	16.7	5.3	5.5	16.3	3.7	6.0	13.3	3.1	5.0	12.5	2.9	4.7	11.7	2.8	4.8
	27	16	15.1	9.4	4.4	15.6	14.6	5.2	15.3	10.1	5.6	12.5	8.4	4.7	11.7	8.0	4.4	10.9	7.6	4.5
		19	16.8	9.3	4.5	17.3	14.5	5.3	17.0	10.0	5.8	13.9	8.3	4.8	13.0	8.0	4.5	12.1	7.6	4.6
		23	17.8	6.3	4.6	18.4	9.8	5.4	18.0	6.8	5.9	14.7	5.7	4.9	13.8	5.4	4.6	12.9	5.1	4.7
	29	19	17.2	10.0	4.6	17.7	15.5	5.4	17.3	10.7	5.9	14.1	8.9	4.9	13.3	8.5	4.6	12.4	8.1	4.7
		16	15.9	10.5	4.4	16.4	16.3	5.2	16.1	11.3	5.7	13.1	9.4	4.7	12.3	8.9	4.4	11.5	8.3	4.6
		19	17.3	10.7	4.6	17.9	16.5	5.4	17.5	11.4	5.9	14.3	9.5	4.9	13.4	9.1	4.6	12.5	8.7	4.7
	30	23	18.2	8.7	4.7	18.8	13.5	5.5	18.4	9.4	6.0	15.0	7.8	5.0	14.1	7.5	4.7	13.1	7.1	4.8
		16	16.8	11.3	4.5	17.3	17.6	5.3	16.9	12.2	5.8	13.8	10.0	4.8	13.0	9.3	4.5	12.1	8.7	4.6
		19	17.8	12.0	4.6	18.4	18.6	5.4	18.0	12.8	5.9	14.7	10.6	4.9	13.8	9.9	4.6	12.9	9.3	4.7
32	23	18.0	10.6	4.6	18.6	16.5	5.4	18.2	11.4	5.9	14.8	9.5	4.9	13.9	9.1	4.6	13.0	8.6	4.7	
	18	9	11.0	3.5	3.4	11.3	7.6	4.0	11.1	3.8	4.3	9.1	3.1	3.6	8.5	3.0	3.4	7.9	2.9	3.5
	12	11.4	2.3	3.5	11.8	4.9	4.2	11.5	2.5	4.5	9.4	2.0	3.8	8.8	2.0	3.5	8.2	1.9	3.6	
3780	18	15	13.8	2.4	3.9	14.2	5.1	4.6	13.9	2.5	5.0	11.3	2.1	4.1	10.6	2.0	3.9	9.9	1.9	4.0
		12	13.7	5.3	4.1	14.1	11.5	4.8	13.8	5.7	5.2	11.3	4.8	4.3	10.6	4.6	4.1	9.9	4.3	4.2
		15	14.0	4.4	4.2	14.5	9.4	4.9	14.2	4.7	5.4	11.6	3.9	4.4	10.8	3.7	4.2	10.1	3.5	4.3
	21	19	16.3	3.4	4.5	16.8	7.4	5.3	16.5	3.7	5.8	13.4	3.1	4.8	12.6	2.9	4.5	11.8	2.8	4.6
		16	14.6	5.5	4.2	15.1	11.8	4.9	14.8	5.9	5.4	12.1	4.9	4.4	11.3	4.7	4.2	10.6	4.4	4.3
		19	16.6	5.3	4.5	17.2	11.5	5.3	16.8	5.7	5.8	13.7	4.7	4.8	12.9	4.5	4.5	12.0	4.3	4.6
	24	23	16.3	2.5	4.7	16.8	5.4	5.6	16.5	2.7	6.1	13.5	2.2	5.0	12.6	2.1	4.7	11.8	2.0	4.8
		16	15.3	6.8	4.4	15.8	14.7	5.2	15.4	7.3	5.7	12.6	6.1	4.7	11.8	5.8	4.4	11.0	5.6	4.6
		19	17.0	6.8	4.6	17.5	14.6	5.4	17.2	7.3	5.9	14.0	6.1	4.9	13.1	5.8	4.6	12.3	5.5	4.7
	27	23	18.0	4.6	4.7	18.6	9.9	5.5	18.2	4.9	6.0	14.8	4.1	5.0	13.9	3.9	4.7	13.0	3.7	4.8
		19	17.3	7.3	4.6	17.9	15.6	5.4	17.5	7.8	5.9	14.3	6.5	4.9	13.4	6.2	4.6	12.5	5.9	4.7
		16	16.1	7.6	4.5	16.6	16.4	5.3	16.3	8.2	5.8	13.3	6.8	4.8	12.4	6.5	4.5	11.6	6.0	4.6
	30	19	17.5	7.7	4.6	18.0	16.7	5.4	17.7	8.3	5.9	14.4	6.9	4.9	13.5	6.6	4.6	12.6	6.3	4.7
		23	18.4	6.3	4.7	18.9	13.7	5.6	18.6	6.8	6.1	15.1	5.7	5.0	14.2	5.4	4.7	13.3	5.2	4.8
		16	16.9	8.3	4.6	17.4	17.8	5.4	17.1	8.9	5.9	14.0	7.2	4.9	13.1	6.8	4.6	12.2	6.3	4.7
	32	19	18.0	8.7	4.7	18.6	18.7	5.5	18.2	9.3	6.0	14.8	7.7	5.0	13.9	7.2	4.7	13.0	6.7	4.8
		23	18.0	7.6	4.6	18.6	16.5	5.4	18.2	8.2	5.9	14.8	6.8	4.9	13.9	6.5	4.6	13.0	6.2	4.7

4.3.5 GUHD*N*3C1O with GKH*K3CI

Outdoor Unit:GUHD12NK3C1O Indoor Unit:GKH12K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																
				-15			-10			-7			-5			0				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	550	18	9	1.5	0.6	0.4	1.5	0.7	0.4	1.5	0.7	0.4	1.5	0.7	0.4	1.5	0.7	0.4		
			12	1.5	0.4	0.4	1.5	0.4	0.4	1.6	0.4	0.5	1.6	0.5	0.5	1.6	0.5	0.5		
			15	1.8	0.4	0.5	1.8	0.4	0.5	1.9	0.5	0.5	1.9	0.5	0.5	1.9	0.5	0.5		
		21	12	1.8	1.0	0.5	1.8	1.0	0.5	1.9	1.0	0.5	1.9	1.1	0.5	1.9	1.1	0.5		
			15	1.9	0.8	0.5	1.9	0.8	0.5	1.9	0.8	0.5	1.9	0.9	0.5	2.0	0.9	0.6		
			19	2.2	0.6	0.6	2.2	0.6	0.6	2.2	0.7	0.6	2.3	0.7	0.6	2.3	0.7	0.6		
		24	16	1.9	1.0	0.5	2.0	1.0	0.5	2.0	1.0	0.5	2.0	1.1	0.5	2.1	1.1	0.6		
			19	2.2	1.0	0.6	2.2	1.0	0.6	2.3	1.0	0.6	2.3	1.0	0.6	2.3	1.1	0.6		
			23	2.2	0.5	0.6	2.2	0.5	0.6	2.2	0.5	0.6	2.3	0.5	0.6	2.3	0.5	0.6		
		27	16	2.0	1.2	0.5	2.1	1.3	0.6	2.1	1.3	0.6	2.1	1.3	0.6	2.1	1.4	0.6		
			19	2.2	1.2	0.6	2.3	1.3	0.6	2.3	1.3	0.6	2.3	1.3	0.6	2.4	1.4	0.6		
			23	2.4	0.8	0.6	2.4	0.9	0.6	2.5	0.9	0.6	2.5	0.9	0.6	2.5	0.9	0.6		
		29	19	2.3	1.3	0.6	2.3	1.4	0.6	2.4	1.4	0.6	2.4	1.4	0.6	2.4	1.5	0.6		
			16	2.1	1.4	0.6	2.2	1.4	0.6	2.2	1.5	0.6	2.2	1.5	0.6	2.3	1.5	0.6		
			19	2.3	1.4	0.6	2.3	1.4	0.6	2.4	1.5	0.6	2.4	1.5	0.6	2.5	1.6	0.6		
		30	23	2.4	1.1	0.6	2.5	1.2	0.6	2.5	1.2	0.6	2.5	1.3	0.6	2.6	1.3	0.6		
			16	2.2	1.5	0.6	2.3	1.5	0.6	2.3	1.6	0.6	2.3	1.6	0.6	2.4	1.7	0.6		
			19	2.4	1.6	0.6	2.4	1.6	0.6	2.5	1.7	0.6	2.5	1.7	0.6	2.5	1.8	0.6		
		32	23	2.4	1.4	0.6	2.5	1.5	0.6	2.5	1.5	0.6	2.6	1.6	0.6	2.6	1.6	0.6		
			9	1.4	0.6	0.4	1.4	0.6	0.4	1.5	0.6	0.4	1.5	0.6	0.4	1.5	0.6	0.4		
			12	1.5	0.4	0.4	1.5	0.4	0.4	1.5	0.4	0.4	1.5	0.4	0.5	1.6	0.4	0.5		
		Medium	450	18	15	1.8	0.4	0.5	1.8	0.4	0.5	1.8	0.4	0.5	1.9	0.4	0.5	1.9	0.4	0.5
					12	1.8	0.9	0.5	1.8	0.9	0.5	1.8	0.9	0.5	1.9	1.0	0.5	1.9	1.0	0.5
					15	1.8	0.7	0.5	1.8	0.7	0.5	1.9	0.8	0.5	1.9	0.8	0.5	1.9	0.8	0.5
21	19			2.1	0.6	0.5	2.1	0.6	0.6	2.2	0.6	0.6	2.2	0.6	0.6	2.2	0.6	0.6		
	16			1.9	0.9	0.5	1.9	0.9	0.5	2.0	1.0	0.5	2.0	1.0	0.5	2.0	1.0	0.5		
	19			2.2	0.9	0.6	2.2	0.9	0.6	2.2	0.9	0.6	2.3	1.0	0.6	2.3	1.0	0.6		
24	23			2.1	0.4	0.6	2.1	0.4	0.6	2.2	0.4	0.6	2.2	0.4	0.6	2.2	0.5	0.6		
	16			2.0	1.1	0.5	2.0	1.2	0.6	2.0	1.2	0.6	2.1	1.2	0.6	2.1	1.3	0.6		
	19			2.2	1.1	0.6	2.2	1.2	0.6	2.3	1.2	0.6	2.3	1.2	0.6	2.3	1.3	0.6		
27	23			2.3	0.8	0.6	2.4	0.8	0.6	2.4	0.8	0.6	2.4	0.8	0.6	2.5	0.8	0.6		
	19			2.2	1.2	0.6	2.3	1.2	0.6	2.3	1.3	0.6	2.3	1.3	0.6	2.4	1.3	0.6		
	16			2.1	1.3	0.5	2.1	1.3	0.6	2.1	1.3	0.6	2.2	1.4	0.6	2.2	1.4	0.6		
30	19			2.3	1.3	0.6	2.3	1.3	0.6	2.3	1.4	0.6	2.4	1.4	0.6	2.4	1.4	0.6		
	23			2.4	1.0	0.6	2.4	1.1	0.6	2.5	1.1	0.6	2.5	1.1	0.6	2.5	1.2	0.6		
	16			2.2	1.4	0.6	2.2	1.4	0.6	2.3	1.4	0.6	2.3	1.5	0.6	2.3	1.5	0.6		
32	19			2.3	1.4	0.6	2.4	1.5	0.6	2.4	1.5	0.6	2.4	1.6	0.6	2.5	1.6	0.6		
	23			2.4	1.3	0.6	2.5	1.4	0.6	2.5	1.4	0.6	2.6	1.4	0.6	2.6	1.5	0.6		
	9			1.4	0.5	0.4	1.4	0.5	0.4	1.4	0.6	0.4	1.4	0.6	0.4	1.4	0.6	0.4		
Low	350			18	12	1.4	0.3	0.4	1.4	0.4	0.4	1.4	0.4	0.4	1.5	0.4	0.5	1.5	0.4	0.5
					15	1.7	0.4	0.5	1.7	0.4	0.5	1.7	0.4	0.5	1.8	0.4	0.5	1.8	0.4	0.5
					12	1.7	0.8	0.5	1.7	0.8	0.5	1.7	0.8	0.5	1.8	0.9	0.5	1.8	0.9	0.5
				21	15	1.7	0.7	0.5	1.7	0.7	0.5	1.8	0.7	0.5	1.8	0.7	0.5	1.8	0.7	0.5
					19	2.0	0.5	0.5	2.0	0.5	0.6	2.1	0.5	0.6	2.1	0.6	0.6	2.1	0.6	0.6
					16	1.8	0.8	0.5	1.8	0.8	0.5	1.9	0.9	0.5	1.9	0.9	0.5	1.9	0.9	0.5
		24	19	2.0	0.8	0.5	2.1	0.8	0.6	2.1	0.8	0.6	2.1	0.9	0.6	2.2	0.9	0.6		
			23	2.0	0.4	0.6	2.0	0.4	0.6	2.1	0.4	0.6	2.1	0.4	0.6	2.1	0.4	0.6		
			16	1.9	1.0	0.5	1.9	1.1	0.5	1.9	1.1	0.6	2.0	1.1	0.6	2.0	1.1	0.6		
		27	19	2.1	1.0	0.6	2.1	1.0	0.6	2.2	1.1	0.6	2.2	1.1	0.6	2.2	1.1	0.6		
			23	2.2	0.7	0.6	2.2	0.7	0.6	2.3	0.7	0.6	2.3	0.8	0.6	2.3	0.8	0.6		
			19	2.1	1.1	0.6	2.2	1.1	0.6	2.2	1.2	0.6	2.2	1.2	0.6	2.3	1.2	0.6		
		29	16	2.0	1.1	0.5	2.0	1.2	0.6	2.0	1.2	0.6	2.1	1.2	0.6	2.1	1.3	0.6		
			19	2.1	1.2	0.6	2.2	1.2	0.6	2.2	1.2	0.6	2.2	1.3	0.6	2.3	1.3	0.6		
			23	2.3	1.0	0.6	2.3	1.0	0.6	2.3	1.0	0.6	2.4	1.0	0.6	2.4	1.1	0.6		
		30	16	2.1	1.2	0.6	2.1	1.3	0.6	2.1	1.3	0.6	2.2	1.3	0.6	2.2	1.4	0.6		
			19	2.2	1.3	0.6	2.2	1.3	0.6	2.3	1.4	0.6	2.3	1.4	0.6	2.3	1.5	0.6		
			23	2.4	1.3	0.6	2.5	1.3	0.6	2.5	1.3	0.6	2.6	1.4	0.6	2.6	1.4	0.6		

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Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																		
				5			10			15			18			21			25			
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	550	18	9	1.6	0.7	0.5	1.6	0.8	0.5	1.6	0.8	0.5	1.7	0.8	0.5	1.8	0.9	0.5	2.0	1.1	0.6	
			12	1.6	0.5	0.5	1.6	0.5	0.5	1.7	0.5	0.5	1.7	0.5	0.5	1.8	0.6	0.6	2.1	0.7	0.6	
			15	2.0	0.5	0.5	2.0	0.5	0.5	2.0	0.5	0.5	2.1	0.5	0.6	2.2	0.6	0.6	2.6	0.8	0.7	
		21	12	1.9	1.1	0.6	2.0	1.1	0.6	2.0	1.2	0.6	2.1	1.2	0.6	2.2	1.4	0.6	2.5	1.7	0.7	
			15	2.0	0.9	0.6	2.0	0.9	0.6	2.0	1.0	0.6	2.1	1.0	0.6	2.2	1.1	0.7	2.6	1.4	0.7	
			19	2.3	0.7	0.6	2.4	0.7	0.6	2.4	0.8	0.6	2.4	0.8	0.7	2.6	0.9	0.7	3.0	1.1	0.8	
		24	16	2.1	1.1	0.6	2.1	1.2	0.6	2.1	1.2	0.6	2.2	1.3	0.6	2.3	1.4	0.7	2.7	1.7	0.7	
			19	2.4	1.1	0.6	2.4	1.1	0.6	2.4	1.2	0.6	2.5	1.2	0.7	2.7	1.4	0.7	3.1	1.7	0.8	
			23	2.3	0.5	0.6	2.4	0.5	0.6	2.4	0.5	0.7	2.4	0.6	0.7	2.6	0.6	0.7	3.0	0.8	0.8	
		27	16	2.2	1.4	0.6	2.2	1.5	0.6	2.2	1.5	0.6	2.3	1.6	0.6	2.4	1.8	0.7	2.8	2.2	0.7	
			19	2.4	1.4	0.6	2.4	1.5	0.6	2.5	1.5	0.6	2.6	1.6	0.7	2.7	1.8	0.7	3.2	2.2	0.8	
			23	2.6	1.0	0.6	2.6	1.0	0.6	2.6	1.0	0.7	2.7	1.1	0.7	2.9	1.2	0.7	3.4	1.5	0.8	
	29	19	2.5	1.5	0.6	2.5	1.6	0.6	2.5	1.6	0.6	2.6	1.7	0.7	2.8	1.9	0.7	3.2	2.3	0.8		
		30	16	2.3	1.6	0.6	2.3	1.6	0.6	2.4	1.7	0.6	2.4	1.7	0.7	2.6	2.0	0.7	3.0	2.4	0.8	
			19	2.5	1.6	0.6	2.5	1.7	0.6	2.6	1.7	0.6	2.6	1.8	0.7	2.8	2.0	0.7	3.3	2.5	0.8	
	23		2.6	1.3	0.6	2.6	1.4	0.6	2.7	1.4	0.7	2.8	1.5	0.7	2.9	1.6	0.7	3.4	2.0	0.8		
	32	16	2.4	1.7	0.6	2.4	1.8	0.6	2.5	1.8	0.6	2.5	1.9	0.7	2.7	2.1	0.7	3.2	2.6	0.8		
		19	2.6	1.8	0.6	2.6	1.9	0.6	2.6	1.9	0.7	2.7	2.0	0.7	2.9	2.3	0.7	3.4	2.8	0.8		
		23	2.6	1.6	0.6	2.7	1.7	0.6	2.7	1.7	0.7	2.8	1.8	0.7	3.0	2.0	0.7	3.5	2.5	0.8		
	Medium	450	18	9	1.5	0.7	0.5	1.6	0.7	0.5	1.6	0.7	0.5	1.6	0.7	0.5	1.7	0.8	0.5	2.0	1.0	0.6
				12	1.6	0.4	0.5	1.6	0.4	0.5	1.6	0.5	0.5	1.7	0.5	0.5	1.8	0.5	0.6	2.1	0.7	0.6
				15	1.9	0.4	0.5	1.9	0.5	0.5	2.0	0.5	0.5	2.0	0.5	0.6	2.2	0.6	0.6	2.5	0.7	0.7
			21	12	1.9	1.0	0.5	1.9	1.0	0.6	2.0	1.1	0.6	2.0	1.1	0.6	2.1	1.3	0.6	2.5	1.6	0.7
				15	2.0	0.8	0.6	2.0	0.9	0.6	2.0	0.9	0.6	2.1	0.9	0.6	2.2	1.0	0.7	2.6	1.3	0.7
19				2.3	0.7	0.6	2.3	0.7	0.6	2.3	0.7	0.6	2.4	0.7	0.6	2.6	0.8	0.7	3.0	1.0	0.7	
24			16	2.0	1.0	0.6	2.1	1.1	0.6	2.1	1.1	0.6	2.2	1.1	0.6	2.3	1.3	0.7	2.7	1.6	0.7	
			19	2.3	1.0	0.6	2.4	1.0	0.6	2.4	1.1	0.6	2.4	1.1	0.7	2.6	1.3	0.7	3.0	1.5	0.8	
			23	2.3	0.5	0.6	2.3	0.5	0.6	2.3	0.5	0.7	2.4	0.5	0.7	2.6	0.6	0.7	3.0	0.7	0.8	
27			16	2.1	1.3	0.6	2.2	1.3	0.6	2.2	1.4	0.6	2.2	1.4	0.6	2.4	1.6	0.7	2.8	2.0	0.7	
			19	2.4	1.3	0.6	2.4	1.3	0.6	2.4	1.4	0.6	2.5	1.4	0.7	2.7	1.6	0.7	3.1	2.0	0.8	
			23	2.5	0.9	0.6	2.5	0.9	0.6	2.6	0.9	0.6	2.6	1.0	0.7	2.8	1.1	0.7	3.3	1.3	0.8	
29		19	2.4	1.4	0.6	2.4	1.4	0.6	2.5	1.5	0.6	2.5	1.5	0.7	2.7	1.7	0.7	3.2	2.1	0.8		
		30	16	2.2	1.4	0.6	2.3	1.5	0.6	2.3	1.5	0.6	2.4	1.6	0.6	2.5	1.8	0.7	2.9	2.2	0.7	
			19	2.4	1.5	0.6	2.5	1.5	0.6	2.5	1.6	0.6	2.6	1.6	0.7	2.7	1.8	0.7	3.2	2.3	0.8	
23			2.6	1.2	0.6	2.6	1.2	0.6	2.6	1.3	0.7	2.7	1.3	0.7	2.9	1.5	0.7	3.4	1.8	0.8		
32		16	2.4	1.6	0.6	2.4	1.6	0.6	2.4	1.7	0.6	2.5	1.7	0.7	2.7	2.0	0.7	3.1	2.4	0.8		
		19	2.5	1.7	0.6	2.5	1.7	0.6	2.6	1.7	0.6	2.6	1.8	0.7	2.8	2.1	0.7	3.3	2.5	0.8		
		23	2.6	1.5	0.6	2.7	1.6	0.6	2.7	1.6	0.7	2.8	1.7	0.7	3.0	1.9	0.7	3.5	2.3	0.8		
Low		350	18	9	1.5	0.6	0.4	1.5	0.6	0.5	1.5	0.6	0.5	1.5	0.7	0.5	1.6	0.8	0.5	1.9	0.9	0.6
				12	1.5	0.4	0.5	1.5	0.4	0.5	1.6	0.4	0.5	1.6	0.4	0.5	1.7	0.5	0.5	2.0	0.6	0.6
				15	1.8	0.4	0.5	1.8	0.4	0.5	1.9	0.4	0.5	1.9	0.4	0.6	2.0	0.5	0.6	2.4	0.6	0.6
			21	12	1.8	0.9	0.5	1.8	0.9	0.5	1.9	1.0	0.6	1.9	1.0	0.6	2.0	1.1	0.6	2.4	1.4	0.7
				15	1.9	0.8	0.6	1.9	0.8	0.6	1.9	0.8	0.6	2.0	0.8	0.6	2.1	0.9	0.6	2.4	1.2	0.7
	19			2.2	0.6	0.6	2.2	0.6	0.6	2.2	0.6	0.6	2.3	0.7	0.6	2.4	0.7	0.7	2.8	0.9	0.7	
	24		16	1.9	0.9	0.6	2.0	1.0	0.6	2.0	1.0	0.6	2.0	1.0	0.6	2.2	1.2	0.6	2.5	1.4	0.7	
			19	2.2	0.9	0.6	2.2	0.9	0.6	2.3	1.0	0.6	2.3	1.0	0.6	2.5	1.1	0.7	2.9	1.4	0.7	
			23	2.2	0.4	0.6	2.2	0.4	0.6	2.2	0.5	0.6	2.3	0.5	0.7	2.4	0.5	0.7	2.8	0.7	0.8	
	27		16	2.0	1.2	0.6	2.0	1.2	0.6	2.1	1.2	0.6	2.1	1.3	0.6	2.3	1.5	0.7	2.6	1.8	0.7	
			19	2.2	1.2	0.6	2.3	1.2	0.6	2.3	1.2	0.6	2.4	1.3	0.7	2.5	1.5	0.7	2.9	1.8	0.8	
			23	2.4	0.8	0.6	2.4	0.8	0.6	2.4	0.8	0.6	2.5	0.9	0.7	2.7	1.0	0.7	3.1	1.2	0.8	
	29	19	2.3	1.3	0.6	2.3	1.3	0.6	2.4	1.3	0.6	2.4	1.3	0.6	2.6	1.6	0.7	3.0	1.9	0.8		
		30	16	2.1	1.3	0.6	2.2	1.4	0.6	2.2	1.4	0.6	2.2	1.4	0.6	2.4	1.6	0.7	2.8	2.0	0.7	
			19	2.3	1.3	0.6	2.3	1.4	0.6	2.4	1.4	0.6	2.4	1.5	0.7	2.6	1.7	0.7	3.0	2.0	0.8	
	23		2.4	1.1	0.6	2.5	1.1	0.6	2.5	1.2	0.6	2.6	1.2	0.7	2.7	1.4	0.7	3.2	1.7	0.8		
	32	16	2.2	1.4	0.6	2.3	1.5	0.6	2.3	1.5	0.6	2.4	1.6	0.7	2.5	1.8	0.7	2.9	2.2	0.8		
		19	2.4	1.5	0.6	2.4	1.5	0.6	2.4	1.6	0.6	2.5	1.6	0.7	2.7	1.9	0.7	3.1	2.3	0.8		
		23	2.6	1.5	0.6	2.7	1.5	0.6	2.7	1.5	0.7	2.8	1.6	0.7	3.0	1.8	0.7	3.5	2.2	0.8		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				30			35			39			43			46			48				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	550	18	9	2.1	1.2	0.6	2.2	1.3	0.8	2.2	1.3	0.8	1.8	1.1	0.7	1.7	1.1	0.6	1.5	1.0	0.7		
			12	2.2	0.8	0.7	2.3	0.9	0.8	2.2	0.9	0.9	1.8	0.7	0.7	1.7	0.7	0.7	1.6	0.7	0.7		
			15	2.7	0.8	0.7	2.8	0.9	0.9	2.7	0.9	1.0	2.2	0.7	0.8	2.1	0.7	0.7	1.9	0.7	0.8		
		21	12	2.7	1.9	0.8	2.7	2.0	0.9	2.7	2.0	1.0	2.2	1.7	0.8	2.1	1.6	0.8	1.9	1.5	0.8		
			15	2.7	1.5	0.8	2.8	1.7	0.9	2.8	1.6	1.0	2.2	1.4	0.8	2.1	1.3	0.8	2.0	1.2	0.8		
			19	3.2	1.2	0.9	3.3	1.3	1.0	3.2	1.3	1.1	2.6	1.1	0.9	2.4	1.0	0.9	2.3	1.0	0.9		
		24	16	2.8	1.9	0.8	2.9	2.1	0.9	2.9	2.1	1.0	2.3	1.7	0.8	2.2	1.6	0.8	2.1	1.6	0.8		
			19	3.2	1.9	0.9	3.3	2.0	1.0	3.3	2.0	1.1	2.7	1.7	0.9	2.5	1.6	0.9	2.3	1.5	0.9		
			23	3.2	0.9	0.9	3.3	1.0	1.1	3.2	0.9	1.2	2.6	0.8	1.0	2.4	0.8	0.9	2.3	0.7	0.9		
		27	16	3.0	2.4	0.8	3.1	2.6	1.0	3.0	2.6	1.1	2.4	2.1	0.9	2.3	2.1	0.8	2.1	2.0	0.9		
			19	3.3	2.4	0.9	3.4	2.6	1.0	3.3	2.6	1.1	2.7	2.1	0.9	2.6	2.0	0.9	2.4	1.9	0.9		
			23	3.5	1.6	0.9	3.6	1.8	1.1	3.5	1.7	1.1	2.9	1.4	0.9	2.7	1.4	0.9	2.5	1.3	0.9		
		29	19	3.4	2.6	0.9	3.5	2.8	1.0	3.4	2.7	1.1	2.8	2.3	0.9	2.6	2.2	0.9	2.4	2.1	0.9		
			16	3.1	2.7	0.9	3.2	2.9	1.0	3.2	2.9	1.1	2.6	2.4	0.9	2.4	2.3	0.9	2.3	2.2	0.9		
			19	3.4	2.7	0.9	3.5	3.0	1.0	3.4	2.9	1.1	2.8	2.4	0.9	2.6	2.3	0.9	2.5	2.2	0.9		
		30	23	3.6	2.2	0.9	3.7	2.4	1.1	3.6	2.4	1.2	2.9	2.0	1.0	2.8	1.9	0.9	2.6	1.8	0.9		
			16	3.3	2.9	0.9	3.4	3.1	1.0	3.3	3.1	1.1	2.7	2.6	0.9	2.5	2.5	0.9	2.4	2.4	0.9		
			19	3.5	3.1	0.9	3.6	3.3	1.1	3.5	3.3	1.1	2.9	2.7	0.9	2.7	2.6	0.9	2.5	2.5	0.9		
		32	23	3.6	2.8	0.9	3.7	3.0	1.1	3.6	3.0	1.2	3.0	2.5	1.0	2.8	2.4	0.9	2.6	2.3	0.9		
			16	3.3	2.9	0.9	3.4	3.1	1.0	3.3	3.1	1.1	2.7	2.6	0.9	2.5	2.5	0.9	2.4	2.4	0.9		
			19	3.5	3.1	0.9	3.6	3.3	1.1	3.5	3.3	1.1	2.9	2.7	0.9	2.7	2.6	0.9	2.5	2.5	0.9		
		Medium	450	18	9	2.1	1.1	0.6	2.2	1.2	0.8	2.1	1.2	0.8	1.7	1.0	0.7	1.6	1.0	0.6	1.5	0.9	0.7
					12	2.2	0.7	0.7	2.2	0.8	0.8	2.2	0.8	0.9	1.8	0.7	0.7	1.7	0.6	0.7	1.6	0.6	0.7
					15	2.6	0.8	0.7	2.7	0.8	0.9	2.6	0.8	0.9	2.2	0.7	0.8	2.0	0.6	0.7	1.9	0.6	0.8
21	12			2.6	1.7	0.8	2.7	1.9	0.9	2.6	1.8	1.0	2.1	1.5	0.8	2.0	1.5	0.8	1.9	1.4	0.8		
	15			2.7	1.4	0.8	2.8	1.5	0.9	2.7	1.5	1.0	2.2	1.2	0.8	2.1	1.2	0.8	1.9	1.1	0.8		
	19			3.1	1.1	0.8	3.2	1.2	1.0	3.1	1.2	1.1	2.6	1.0	0.9	2.4	0.9	0.8	2.2	0.9	0.9		
24	16			2.8	1.8	0.8	2.9	1.9	0.9	2.8	1.9	1.0	2.3	1.6	0.8	2.2	1.5	0.8	2.0	1.4	0.8		
	19			3.2	1.7	0.9	3.3	1.8	1.0	3.2	1.8	1.1	2.6	1.5	0.9	2.4	1.5	0.9	2.3	1.4	0.9		
	23			3.1	0.8	0.9	3.2	0.9	1.0	3.1	0.9	1.1	2.6	0.7	0.9	2.4	0.7	0.9	2.2	0.7	0.9		
27	16			2.9	2.2	0.8	3.0	2.4	1.0	2.9	2.3	1.1	2.4	2.0	0.9	2.2	1.9	0.8	2.1	1.8	0.9		
	19			3.2	2.2	0.9	3.3	2.4	1.0	3.3	2.3	1.1	2.7	1.9	0.9	2.5	1.9	0.9	2.3	1.8	0.9		
	23			3.4	1.5	0.9	3.5	1.6	1.0	3.5	1.6	1.1	2.8	1.3	0.9	2.6	1.3	0.9	2.5	1.2	0.9		
29	19			3.3	2.3	0.9	3.4	2.5	1.0	3.3	2.5	1.1	2.7	2.1	0.9	2.5	2.0	0.9	2.4	1.9	0.9		
	16			3.1	2.4	0.8	3.2	2.7	1.0	3.1	2.6	1.1	2.5	2.2	0.9	2.4	2.1	0.8	2.2	2.0	0.9		
	19			3.3	2.5	0.9	3.4	2.7	1.0	3.4	2.7	1.1	2.7	2.2	0.9	2.6	2.1	0.9	2.4	2.0	0.9		
30	23			3.5	2.0	0.9	3.6	2.2	1.1	3.5	2.2	1.1	2.9	1.8	0.9	2.7	1.7	0.9	2.5	1.7	0.9		
	16			3.2	2.6	0.9	3.3	2.9	1.0	3.3	2.8	1.1	2.7	2.4	0.9	2.5	2.3	0.9	2.3	2.1	0.9		
	19			3.4	2.8	0.9	3.5	3.0	1.0	3.5	3.0	1.1	2.8	2.5	0.9	2.6	2.4	0.9	2.5	2.3	0.9		
32	23			3.6	2.6	0.9	3.7	2.8	1.1	3.6	2.8	1.2	3.0	2.3	1.0	2.8	2.2	0.9	2.6	2.1	0.9		
	16			3.3	2.9	0.9	3.4	3.1	1.0	3.3	3.1	1.1	2.7	2.6	0.9	2.5	2.5	0.9	2.4	2.4	0.9		
	19			3.5	3.1	0.9	3.6	3.3	1.1	3.5	3.3	1.1	2.9	2.7	0.9	2.7	2.6	0.9	2.5	2.5	0.9		
Low	350			18	9	2.0	1.0	0.6	2.0	1.1	0.7	2.0	1.1	0.8	1.6	0.9	0.7	1.5	0.9	0.6	1.4	0.8	0.6
					12	2.1	0.7	0.7	2.1	0.7	0.8	2.1	0.7	0.9	1.7	0.6	0.7	1.6	0.6	0.7	1.5	0.5	0.7
					15	2.5	0.7	0.7	2.6	0.7	0.9	2.5	0.7	0.9	2.0	0.6	0.8	1.9	0.6	0.7	1.8	0.6	0.7
		21	12	2.5	1.5	0.8	2.5	1.7	0.9	2.5	1.7	1.0	2.0	1.4	0.8	1.9	1.3	0.8	1.8	1.3	0.8		
			15	2.5	1.3	0.8	2.6	1.4	0.9	2.6	1.4	1.0	2.1	1.1	0.8	2.0	1.1	0.8	1.8	1.0	0.8		
			19	2.9	1.0	0.8	3.0	1.1	1.0	3.0	1.1	1.1	2.4	0.9	0.9	2.3	0.9	0.8	2.1	0.8	0.9		
		24	16	2.6	1.6	0.8	2.7	1.7	0.9	2.7	1.7	1.0	2.2	1.4	0.8	2.0	1.4	0.8	1.9	1.3	0.8		
			19	3.0	1.5	0.8	3.1	1.7	1.0	3.0	1.7	1.1	2.5	1.4	0.9	2.3	1.3	0.8	2.2	1.3	0.9		
			23	2.9	0.7	0.9	3.0	0.8	1.0	3.0	0.8	1.1	2.4	0.6	0.9	2.3	0.6	0.9	2.1	0.6	0.9		
		27	16	2.8	2.0	0.8	2.8	2.2	1.0	2.8	2.1	1.1	2.3	1.8	0.9	2.1	1.7	0.8	2.0	1.6	0.9		
			19	3.1	2.0	0.9	3.2	2.1	1.0	3.1	2.1	1.1	2.5	1.8	0.9	2.4	1.7	0.9	2.2	1.6	0.9		
			23	3.3	1.3	0.9	3.4	1.5	1.0	3.3	1.4	1.1	2.7	1.2	0.9	2.5	1.1	0.9	2.3	1.1	0.9		
		29	19	3.1	2.1	0.9	3.2	2.3	1.0	3.2	2.3	1.1	2.6	1.9	0.9	2.4	1.8	0.9	2.3	1.7	0.9		
			16	2.9	2.2	0.8	3.0	2.4	1.0	2.9	2.4	1.1	2.4	2.0	0.9	2.2	1.9	0.8	2.1	1.8	0.9		
			19	3.2	2.3	0.9	3.3	2.4	1.0	3.2	2.4	1.1	2.6	2.0	0.9	2.4	1.9	0.9	2.3	1.8	0.9		
		30	23	3.3	1.8	0.9	3.4	2.0	1.0	3.4	2.0	1.1	2.7	1.7	0.9	2.6	1.6	0.9	2.4	1.5	0.9		
			16	3.1	2.4	0.9	3.2	2.6	1.0	3.1	2.6	1.1	2.5	2.1	0.9	2.4	2.1	0.9	2.2	2.0	0.9		
			19	3.3	2.5	0.9	3.4	2.7	1.0	3.3	2.7	1.1	2.7	2.3	0.9	2.5	2.2	0.9	2.3	2.1	0.9		
		32	23	3.6	2.5	0.9	3.7	2.7	1.1	3.6	2.6	1.2	3.0	2.2	1.0	2.8	2.1	0.9	2.6	2.0	0.9		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD18NK3C1O Indoor Unit:GKH18K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																
				-15			-10			-7			-5			0				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1180	18	9	2.3	1.0	0.7	2.3	1.0	0.7	2.3	1.1	0.7	2.4	1.1	0.7	2.4	1.1	0.7		
			12	2.4	0.6	0.7	2.4	0.7	0.7	2.4	0.7	0.7	2.5	0.7	0.7	2.5	0.7	0.8		
			15	2.8	0.7	0.8	2.9	0.7	0.8	2.9	0.7	0.8	3.0	0.7	0.8	3.0	0.7	0.8		
		21	12	2.8	1.5	0.8	2.9	1.5	0.8	2.9	1.6	0.8	2.9	1.6	0.9	3.0	1.7	0.9		
			15	2.9	1.2	0.8	2.9	1.3	0.8	3.0	1.3	0.9	3.0	1.3	0.9	3.1	1.4	0.9		
			19	3.4	1.0	0.9	3.4	1.0	0.9	3.5	1.0	0.9	3.5	1.1	0.9	3.6	1.1	1.0		
		24	16	3.0	1.5	0.8	3.1	1.6	0.8	3.1	1.6	0.9	3.2	1.7	0.9	3.2	1.7	0.9		
			19	3.4	1.5	0.9	3.5	1.5	0.9	3.5	1.6	0.9	3.6	1.6	0.9	3.6	1.7	1.0		
			23	3.4	0.7	0.9	3.4	0.7	1.0	3.5	0.7	1.0	3.5	0.8	1.0	3.6	0.8	1.0		
		27	16	3.1	1.9	0.9	3.2	2.0	0.9	3.2	2.0	0.9	3.3	2.1	0.9	3.3	2.2	0.9		
			19	3.5	1.9	0.9	3.6	2.0	0.9	3.6	2.0	0.9	3.7	2.1	1.0	3.7	2.1	1.0		
			23	3.7	1.3	0.9	3.8	1.3	0.9	3.8	1.4	1.0	3.9	1.4	1.0	3.9	1.5	1.0		
		29	19	3.6	2.1	0.9	3.6	2.1	0.9	3.7	2.2	0.9	3.7	2.2	1.0	3.8	2.3	1.0		
			30	16	3.3	2.2	0.9	3.4	2.2	0.9	3.4	2.3	0.9	3.5	2.3	0.9	3.5	2.4	1.0	
				19	3.6	2.2	0.9	3.7	2.3	0.9	3.7	2.3	0.9	3.8	2.4	1.0	3.8	2.4	1.0	
		23		3.8	1.8	0.9	3.8	1.8	1.0	3.9	1.9	1.0	4.0	2.0	1.0	4.0	2.0	1.0		
		32	16	3.5	2.3	0.9	3.5	2.4	0.9	3.6	2.5	0.9	3.6	2.5	1.0	3.7	2.6	1.0		
			19	3.7	2.5	0.9	3.8	2.5	0.9	3.8	2.6	1.0	3.9	2.7	1.0	3.9	2.7	1.0		
			23	3.8	2.2	0.9	3.9	2.3	1.0	3.9	2.4	1.0	4.0	2.4	1.0	4.1	2.5	1.0		
		Medium	1080	18	9	2.2	0.9	0.7	2.3	0.9	0.7	2.3	1.0	0.7	2.3	1.0	0.7	2.4	1.0	0.7
					12	2.3	0.6	0.7	2.3	0.6	0.7	2.4	0.6	0.7	2.4	0.6	0.7	2.4	0.7	0.7
					15	2.8	0.6	0.8	2.8	0.6	0.8	2.9	0.6	0.8	2.9	0.7	0.8	2.9	0.7	0.8
				21	12	2.8	1.4	0.8	2.8	1.4	0.8	2.8	1.5	0.8	2.9	1.5	0.8	2.9	1.5	0.9
					15	2.8	1.1	0.8	2.9	1.2	0.8	2.9	1.2	0.8	3.0	1.2	0.9	3.0	1.3	0.9
19	3.3				0.9	0.9	3.3	0.9	0.9	3.4	0.9	0.9	3.4	1.0	0.9	3.5	1.0	0.9		
24	16			3.0	1.4	0.8	3.0	1.4	0.8	3.0	1.5	0.8	3.1	1.5	0.9	3.1	1.6	0.9		
	19			3.4	1.4	0.9	3.4	1.4	0.9	3.5	1.4	0.9	3.5	1.5	0.9	3.6	1.5	1.0		
	23			3.3	0.6	0.9	3.3	0.7	0.9	3.4	0.7	1.0	3.4	0.7	1.0	3.5	0.7	1.0		
27	16			3.1	1.8	0.9	3.1	1.8	0.9	3.2	1.9	0.9	3.2	1.9	0.9	3.3	2.0	0.9		
	19			3.4	1.7	0.9	3.5	1.8	0.9	3.5	1.8	0.9	3.6	1.9	0.9	3.6	2.0	1.0		
	23			3.6	1.2	0.9	3.7	1.2	0.9	3.7	1.3	0.9	3.8	1.3	1.0	3.9	1.3	1.0		
29	19			3.5	1.9	0.9	3.5	1.9	0.9	3.6	2.0	0.9	3.7	2.0	1.0	3.7	2.1	1.0		
	30			16	3.2	2.0	0.9	3.3	2.0	0.9	3.3	2.1	0.9	3.4	2.1	0.9	3.4	2.2	0.9	
				19	3.5	2.0	0.9	3.6	2.1	0.9	3.6	2.1	0.9	3.7	2.2	1.0	3.7	2.2	1.0	
23				3.7	1.6	0.9	3.8	1.7	0.9	3.8	1.7	1.0	3.9	1.8	1.0	3.9	1.8	1.0		
32	16			3.4	2.1	0.9	3.5	2.2	0.9	3.5	2.2	0.9	3.6	2.3	0.9	3.6	2.4	1.0		
	19			3.6	2.2	0.9	3.7	2.3	0.9	3.7	2.4	0.9	3.8	2.4	1.0	3.9	2.5	1.0		
	23			3.8	2.1	0.9	3.9	2.1	1.0	3.9	2.2	1.0	4.0	2.3	1.0	4.1	2.3	1.0		
Low	1000			18	9	2.1	0.8	0.7	2.1	0.8	0.7	2.2	0.9	0.7	2.2	0.9	0.7	2.2	0.9	0.7
					12	2.2	0.5	0.7	2.2	0.6	0.7	2.3	0.6	0.7	2.3	0.6	0.7	2.3	0.6	0.7
					15	2.6	0.6	0.8	2.7	0.6	0.8	2.7	0.6	0.8	2.8	0.6	0.8	2.8	0.6	0.8
				21	12	2.6	1.2	0.8	2.7	1.3	0.8	2.7	1.3	0.8	2.7	1.4	0.8	2.8	1.4	0.9
					15	2.7	1.0	0.8	2.7	1.0	0.8	2.8	1.1	0.8	2.8	1.1	0.9	2.8	1.1	0.9
		19	3.1		0.8	0.9	3.2	0.8	0.9	3.2	0.9	0.9	3.3	0.9	0.9	3.3	0.9	0.9		
		24	16	2.8	1.3	0.8	2.8	1.3	0.8	2.9	1.4	0.8	2.9	1.4	0.9	3.0	1.4	0.9		
			19	3.2	1.2	0.9	3.2	1.3	0.9	3.3	1.3	0.9	3.3	1.4	0.9	3.4	1.4	0.9		
			23	3.1	0.6	0.9	3.2	0.6	0.9	3.2	0.6	0.9	3.3	0.6	1.0	3.3	0.7	1.0		
		27	16	2.9	1.6	0.9	3.0	1.6	0.9	3.0	1.7	0.9	3.1	1.7	0.9	3.1	1.8	0.9		
			19	3.3	1.6	0.9	3.3	1.6	0.9	3.4	1.7	0.9	3.4	1.7	0.9	3.5	1.8	1.0		
			23	3.4	1.1	0.9	3.5	1.1	0.9	3.6	1.1	0.9	3.6	1.2	1.0	3.7	1.2	1.0		
		29	19	3.3	1.7	0.9	3.4	1.7	0.9	3.4	1.8	0.9	3.5	1.8	0.9	3.5	1.9	1.0		
			30	16	3.1	1.8	0.9	3.1	1.8	0.9	3.2	1.9	0.9	3.2	1.9	0.9	3.3	2.0	0.9	
				19	3.4	1.8	0.9	3.4	1.9	0.9	3.5	1.9	0.9	3.5	2.0	0.9	3.6	2.0	1.0	
		23		3.5	1.5	0.9	3.6	1.5	0.9	3.6	1.6	0.9	3.7	1.6	1.0	3.7	1.7	1.0		
		32	16	3.2	1.9	0.9	3.3	2.0	0.9	3.3	2.0	0.9	3.4	2.1	0.9	3.4	2.2	1.0		
			19	3.4	2.0	0.9	3.5	2.1	0.9	3.6	2.2	0.9	3.6	2.2	1.0	3.7	2.3	1.0		
			23	3.8	2.0	0.9	3.9	2.0	1.0	3.9	2.1	1.0	4.0	2.2	1.0	4.1	2.2	1.0		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				5			10			15			18			21			25				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1180	18	9	2.4	1.1	0.7	2.5	1.2	0.7	2.5	1.2	0.8	2.6	1.3	0.8	2.7	1.4	0.9	3.2	1.7	0.9		
			12	2.5	0.7	0.8	2.6	0.8	0.8	2.6	0.8	0.8	2.7	0.8	0.8	2.9	0.9	0.9	3.3	1.1	1.0		
			15	3.0	0.8	0.8	3.1	0.8	0.9	3.1	0.8	0.9	3.2	0.8	0.9	3.4	1.0	1.0	4.0	1.2	1.1		
		21	12	3.0	1.7	0.9	3.1	1.8	0.9	3.1	1.8	0.9	3.2	1.9	1.0	3.4	2.2	1.0	4.0	2.7	1.1		
			15	3.1	1.4	0.9	3.2	1.5	0.9	3.2	1.5	0.9	3.3	1.6	1.0	3.5	1.8	1.1	4.1	2.2	1.1		
			19	3.6	1.1	1.0	3.7	1.2	1.0	3.7	1.2	1.0	3.8	1.2	1.1	4.1	1.4	1.1	4.7	1.7	1.2		
		24	16	3.2	1.8	0.9	3.3	1.8	0.9	3.3	1.9	0.9	3.4	2.0	1.0	3.7	2.2	1.1	4.3	2.7	1.1		
			19	3.7	1.7	1.0	3.7	1.8	1.0	3.8	1.8	1.0	3.9	1.9	1.1	4.2	2.1	1.1	4.8	2.6	1.2		
			23	3.6	0.8	1.0	3.7	0.8	1.0	3.7	0.9	1.1	3.8	0.9	1.1	4.1	1.0	1.2	4.7	1.2	1.3		
		27	16	3.4	2.2	1.0	3.4	2.3	1.0	3.5	2.3	1.0	3.6	2.4	1.0	3.8	2.8	1.1	4.4	3.4	1.2		
			19	3.8	2.2	1.0	3.8	2.3	1.0	3.9	2.3	1.0	4.0	2.4	1.1	4.2	2.7	1.2	4.9	3.4	1.2		
			23	4.0	1.5	1.0	4.0	1.5	1.0	4.1	1.6	1.0	4.2	1.6	1.1	4.5	1.9	1.2	5.2	2.3	1.3		
		29	19	3.8	2.4	1.0	3.9	2.4	1.0	3.9	2.5	1.0	4.1	2.6	1.1	4.3	2.9	1.2	5.0	3.6	1.2		
			16	3.6	2.5	1.0	3.6	2.5	1.0	3.7	2.6	1.0	3.8	2.7	1.1	4.0	3.1	1.1	4.7	3.8	1.2		
			19	3.9	2.5	1.0	3.9	2.6	1.0	4.0	2.7	1.0	4.1	2.8	1.1	4.4	3.1	1.2	5.1	3.9	1.2		
		30	23	4.1	2.1	1.0	4.1	2.1	1.0	4.2	2.2	1.1	4.3	2.3	1.1	4.6	2.6	1.2	5.3	3.2	1.3		
			16	3.7	2.7	1.0	3.8	2.8	1.0	3.9	2.8	1.0	4.0	2.9	1.1	4.2	3.3	1.2	4.9	4.1	1.2		
			19	4.0	2.8	1.0	4.0	2.9	1.0	4.1	3.0	1.0	4.2	3.1	1.1	4.5	3.5	1.2	5.2	4.3	1.3		
		32	23	4.1	2.6	1.0	4.2	2.6	1.0	4.2	2.7	1.1	4.3	2.8	1.1	4.6	3.2	1.2	5.4	3.9	1.3		
			9	2.4	1.0	0.7	2.4	1.1	0.7	2.5	1.1	0.7	2.5	1.1	0.8	2.7	1.3	0.8	3.1	1.6	0.9		
			12	2.5	0.7	0.8	2.5	0.7	0.8	2.5	0.7	0.8	2.6	0.7	0.8	2.8	0.8	0.9	3.2	1.0	0.9		
		Medium	1080	18	15	3.0	0.7	0.8	3.0	0.7	0.8	3.1	0.7	0.9	3.2	0.8	0.9	3.4	0.9	1.0	3.9	1.1	1.0
					12	3.0	1.6	0.9	3.0	1.6	0.9	3.1	1.7	0.9	3.1	1.7	0.9	3.4	2.0	1.0	3.9	2.4	1.1
					15	3.0	1.3	0.9	3.1	1.3	0.9	3.1	1.4	0.9	3.2	1.4	1.0	3.4	1.6	1.0	4.0	2.0	1.1
21	19			3.5	1.0	1.0	3.6	1.0	1.0	3.6	1.1	1.0	3.7	1.1	1.0	4.0	1.3	1.1	4.6	1.6	1.2		
	16			3.2	1.6	0.9	3.2	1.7	0.9	3.3	1.7	0.9	3.4	1.8	1.0	3.6	2.0	1.0	4.2	2.5	1.1		
	19			3.6	1.6	1.0	3.7	1.6	1.0	3.7	1.7	1.0	3.8	1.7	1.1	4.1	2.0	1.1	4.7	2.4	1.2		
24	23			3.5	0.7	1.0	3.6	0.8	1.0	3.6	0.8	1.0	3.7	0.8	1.1	4.0	0.9	1.2	4.6	1.1	1.3		
	16			3.3	2.0	1.0	3.4	2.1	1.0	3.4	2.1	1.0	3.5	2.2	1.0	3.7	2.5	1.1	4.3	3.1	1.2		
	19			3.7	2.0	1.0	3.7	2.1	1.0	3.8	2.1	1.0	3.9	2.2	1.1	4.2	2.5	1.1	4.8	3.1	1.2		
27	23			3.9	1.4	1.0	4.0	1.4	1.0	4.0	1.4	1.0	4.1	1.5	1.1	4.4	1.7	1.2	5.1	2.1	1.2		
	19			3.8	2.1	1.0	3.8	2.2	1.0	3.9	2.3	1.0	4.0	2.4	1.1	4.2	2.7	1.2	4.9	3.3	1.2		
	16			3.5	2.3	1.0	3.5	2.3	1.0	3.6	2.4	1.0	3.7	2.5	1.0	3.9	2.8	1.1	4.6	3.5	1.2		
30	19			3.8	2.3	1.0	3.9	2.4	1.0	3.9	2.4	1.0	4.0	2.5	1.1	4.3	2.9	1.2	5.0	3.5	1.2		
	23			4.0	1.9	1.0	4.0	1.9	1.0	4.1	2.0	1.0	4.2	2.1	1.1	4.5	2.3	1.2	5.2	2.9	1.3		
	16			3.7	2.4	1.0	3.7	2.5	1.0	3.8	2.6	1.0	3.9	2.7	1.1	4.1	3.0	1.1	4.8	3.7	1.2		
32	19			3.9	2.6	1.0	4.0	2.6	1.0	4.0	2.7	1.0	4.1	2.8	1.1	4.4	3.2	1.2	5.1	3.9	1.2		
	23			4.1	2.4	1.0	4.2	2.4	1.0	4.2	2.5	1.1	4.3	2.6	1.1	4.6	3.0	1.2	5.4	3.6	1.3		
	9			2.3	0.9	0.7	2.3	1.0	0.7	2.3	1.0	0.7	2.4	1.0	0.8	2.6	1.2	0.8	3.0	1.4	0.9		
Low	1000			18	12	2.4	0.6	0.8	2.4	0.6	0.8	2.4	0.7	0.8	2.5	0.7	0.8	2.7	0.8	0.9	3.1	0.9	0.9
					15	2.8	0.6	0.8	2.9	0.7	0.8	2.9	0.7	0.9	3.0	0.7	0.9	3.2	0.8	1.0	3.7	1.0	1.0
					12	2.8	1.4	0.9	2.9	1.5	0.9	2.9	1.5	0.9	3.0	1.6	0.9	3.2	1.8	1.0	3.7	2.2	1.1
				21	15	2.9	1.2	0.9	2.9	1.2	0.9	3.0	1.2	0.9	3.1	1.3	1.0	3.3	1.5	1.0	3.8	1.8	1.1
					19	3.4	0.9	1.0	3.4	1.0	1.0	3.5	1.0	1.0	3.5	1.0	1.0	3.8	1.2	1.1	4.4	1.4	1.2
					16	3.0	1.5	0.9	3.1	1.5	0.9	3.1	1.6	0.9	3.2	1.6	1.0	3.4	1.8	1.0	4.0	2.3	1.1
		24	19	3.4	1.4	1.0	3.5	1.5	1.0	3.5	1.5	1.0	3.6	1.6	1.0	3.9	1.8	1.1	4.5	2.2	1.2		
			23	3.4	0.7	1.0	3.4	0.7	1.0	3.5	0.7	1.0	3.6	0.7	1.1	3.8	0.8	1.2	4.4	1.0	1.2		
			16	3.1	1.8	0.9	3.2	1.9	1.0	3.2	1.9	1.0	3.3	2.0	1.0	3.5	2.3	1.1	4.1	2.8	1.2		
		27	19	3.5	1.8	1.0	3.5	1.9	1.0	3.6	1.9	1.0	3.7	2.0	1.1	3.9	2.3	1.1	4.6	2.8	1.2		
			23	3.7	1.2	1.0	3.8	1.3	1.0	3.8	1.3	1.0	3.9	1.4	1.1	4.2	1.5	1.2	4.9	1.9	1.2		
			19	3.6	2.0	1.0	3.6	2.0	1.0	3.7	2.1	1.0	3.8	2.1	1.1	4.0	2.4	1.1	4.7	3.0	1.2		
		29	16	3.3	2.1	1.0	3.4	2.1	1.0	3.4	2.2	1.0	3.5	2.3	1.0	3.7	2.6	1.1	4.3	3.1	1.2		
			19	3.6	2.1	1.0	3.7	2.1	1.0	3.7	2.2	1.0	3.8	2.3	1.1	4.1	2.6	1.1	4.7	3.2	1.2		
			23	3.8	1.7	1.0	3.8	1.8	1.0	3.9	1.8	1.0	4.0	1.9	1.1	4.3	2.1	1.2	5.0	2.6	1.2		
		30	16	3.5	2.2	1.0	3.5	2.3	1.0	3.6	2.3	1.0	3.7	2.4	1.1	3.9	2.8	1.1	4.6	3.4	1.2		
			19	3.7	2.3	1.0	3.8	2.4	1.0	3.8	2.5	1.0	3.9	2.6	1.1	4.2	2.9	1.2	4.9	3.6	1.2		
			23	4.1	2.3	1.0	4.2	2.3	1.0	4.2	2.4	1.1	4.3	2.5	1.1	4.6	2.8	1.2	5.4	3.5	1.3		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																	
				30			35			39			43			46			48		
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
High	1180	18	9	3.3	1.9	1.0	3.4	2.1	1.2	3.4	2.1	1.3	2.7	1.7	1.1	2.6	1.6	1.0	2.4	1.6	1.1
			12	3.5	1.3	1.1	3.6	1.4	1.3	3.5	1.3	1.4	2.9	1.1	1.1	2.7	1.1	1.1	2.5	1.0	1.1
			15	4.2	1.3	1.2	4.3	1.4	1.4	4.2	1.4	1.5	3.4	1.2	1.3	3.2	1.1	1.2	3.0	1.1	1.2
		21	12	4.1	2.9	1.3	4.3	3.2	1.5	4.2	3.1	1.6	3.4	2.6	1.3	3.2	2.5	1.3	3.0	2.4	1.3
			15	4.2	2.4	1.3	4.4	2.6	1.5	4.3	2.6	1.6	3.5	2.1	1.4	3.3	2.0	1.3	3.1	1.9	1.3
			19	4.9	1.9	1.4	5.1	2.0	1.6	5.0	2.0	1.8	4.1	1.7	1.5	3.8	1.6	1.4	3.6	1.5	1.4
		24	16	4.4	3.0	1.3	4.6	3.3	1.5	4.5	3.2	1.6	3.7	2.7	1.4	3.4	2.6	1.3	3.2	2.4	1.3
			19	5.0	2.9	1.4	5.2	3.2	1.6	5.1	3.1	1.8	4.2	2.6	1.5	3.9	2.5	1.4	3.6	2.4	1.4
			23	4.9	1.4	1.4	5.1	1.5	1.7	5.0	1.5	1.9	4.1	1.2	1.5	3.8	1.2	1.4	3.6	1.1	1.5
		27	16	4.6	3.7	1.4	4.8	4.1	1.6	4.7	4.0	1.7	3.8	3.3	1.4	3.6	3.2	1.4	3.3	3.0	1.4
			19	5.1	3.7	1.4	5.3	4.0	1.7	5.2	4.0	1.8	4.2	3.3	1.5	4.0	3.2	1.4	3.7	3.0	1.4
			23	5.4	2.5	1.4	5.6	2.7	1.7	5.5	2.7	1.8	4.5	2.3	1.5	4.2	2.2	1.4	3.9	2.0	1.5
		29	19	5.2	4.0	1.4	5.4	4.3	1.7	5.3	4.3	1.8	4.3	3.6	1.5	4.1	3.4	1.4	3.8	3.2	1.4
			16	4.9	4.2	1.4	5.0	4.5	1.6	4.9	4.5	1.8	4.0	3.7	1.5	3.8	3.6	1.4	3.5	3.4	1.4
			19	5.3	4.2	1.4	5.5	4.6	1.7	5.3	4.6	1.8	4.4	3.8	1.5	4.1	3.6	1.4	3.8	3.4	1.4
		30	23	5.6	3.5	1.4	5.7	3.8	1.7	5.6	3.7	1.9	4.6	3.1	1.5	4.3	3.0	1.4	4.0	2.8	1.5
			16	5.1	4.5	1.4	5.3	4.9	1.6	5.2	4.9	1.8	4.2	4.0	1.5	4.0	3.9	1.4	3.7	3.7	1.4
			19	5.4	4.8	1.4	5.6	5.2	1.7	5.5	5.1	1.8	4.5	4.3	1.5	4.2	4.1	1.4	3.9	3.9	1.5
32	23	5.6	4.3	1.4	5.8	4.7	1.7	5.7	4.6	1.9	4.6	3.9	1.5	4.3	3.7	1.4	4.1	3.5	1.5		
	9	3.3	1.8	1.0	3.4	1.9	1.2	3.3	1.9	1.3	2.7	1.6	1.1	2.5	1.5	1.0	2.4	1.4	1.1		
	12	3.4	1.1	1.1	3.5	1.2	1.3	3.4	1.2	1.4	2.8	1.0	1.1	2.6	1.0	1.1	2.4	0.9	1.1		
Medium	1080	18	15	4.1	1.2	1.2	4.2	1.3	1.4	4.1	1.3	1.5	3.4	1.1	1.2	3.2	1.0	1.2	2.9	1.0	1.2
			12	4.1	2.7	1.2	4.2	2.9	1.5	4.1	2.9	1.6	3.4	2.4	1.3	3.1	2.3	1.2	2.9	2.2	1.3
			15	4.2	2.2	1.3	4.3	2.4	1.5	4.2	2.3	1.6	3.4	1.9	1.3	3.2	1.9	1.3	3.0	1.8	1.3
		21	19	4.8	1.7	1.4	5.0	1.9	1.6	4.9	1.8	1.7	4.0	1.5	1.4	3.7	1.5	1.4	3.5	1.4	1.4
			16	4.3	2.7	1.3	4.5	3.0	1.5	4.4	2.9	1.6	3.6	2.4	1.3	3.4	2.3	1.3	3.1	2.2	1.3
			19	4.9	2.7	1.4	5.1	2.9	1.6	5.0	2.8	1.8	4.1	2.4	1.5	3.8	2.3	1.4	3.6	2.2	1.4
		24	23	4.8	1.2	1.4	5.0	1.4	1.7	4.9	1.3	1.8	4.0	1.1	1.5	3.7	1.1	1.4	3.5	1.0	1.5
			16	4.5	3.4	1.3	4.7	3.7	1.6	4.6	3.7	1.7	3.7	3.0	1.4	3.5	2.9	1.3	3.3	2.8	1.4
			19	5.0	3.4	1.4	5.2	3.7	1.6	5.1	3.6	1.8	4.2	3.0	1.5	3.9	2.9	1.4	3.6	2.7	1.4
		27	23	5.3	2.3	1.4	5.5	2.5	1.7	5.4	2.5	1.8	4.4	2.1	1.5	4.1	2.0	1.4	3.9	1.9	1.4
			19	5.1	3.6	1.4	5.3	3.9	1.6	5.2	3.9	1.8	4.2	3.2	1.5	4.0	3.1	1.4	3.7	2.9	1.4
			16	4.8	3.8	1.4	4.9	4.1	1.6	4.8	4.1	1.7	3.9	3.4	1.4	3.7	3.3	1.4	3.4	3.1	1.4
		30	19	5.2	3.9	1.4	5.3	4.2	1.6	5.2	4.2	1.8	4.3	3.5	1.5	4.0	3.3	1.4	3.7	3.1	1.4
			23	5.4	3.2	1.4	5.6	3.4	1.7	5.5	3.4	1.8	4.5	2.8	1.5	4.2	2.7	1.4	3.9	2.6	1.5
			16	5.0	4.1	1.4	5.2	4.5	1.6	5.1	4.4	1.8	4.1	3.7	1.5	3.9	3.5	1.4	3.6	3.3	1.4
		32	19	5.3	4.3	1.4	5.5	4.7	1.7	5.4	4.7	1.8	4.4	3.9	1.5	4.1	3.7	1.4	3.9	3.5	1.4
			23	5.6	4.0	1.4	5.8	4.4	1.7	5.7	4.3	1.9	4.6	3.6	1.5	4.3	3.4	1.4	4.1	3.3	1.5
			9	3.1	1.6	1.0	3.2	1.7	1.2	3.1	1.7	1.3	2.6	1.4	1.1	2.4	1.4	1.0	2.2	1.3	1.0
Low	1000	18	12	3.2	1.0	1.1	3.3	1.1	1.3	3.2	1.1	1.4	2.7	0.9	1.1	2.5	0.9	1.1	2.3	0.8	1.1
			15	3.9	1.1	1.2	4.0	1.2	1.4	3.9	1.1	1.5	3.2	1.0	1.2	3.0	0.9	1.2	2.8	0.9	1.2
			12	3.9	2.4	1.2	4.0	2.6	1.4	3.9	2.6	1.6	3.2	2.2	1.3	3.0	2.1	1.2	2.8	2.0	1.3
		21	15	3.9	2.0	1.3	4.1	2.1	1.5	4.0	2.1	1.6	3.3	1.8	1.3	3.1	1.7	1.3	2.8	1.6	1.3
			19	4.6	1.6	1.3	4.7	1.7	1.6	4.6	1.7	1.7	3.8	1.4	1.4	3.5	1.3	1.3	3.3	1.3	1.4
			16	4.1	2.5	1.3	4.3	2.7	1.5	4.2	2.7	1.6	3.4	2.2	1.3	3.2	2.1	1.3	3.0	2.0	1.3
		24	19	4.7	2.4	1.4	4.8	2.6	1.6	4.7	2.6	1.7	3.9	2.2	1.4	3.6	2.1	1.4	3.4	2.0	1.4
			23	4.6	1.1	1.4	4.7	1.2	1.7	4.6	1.2	1.8	3.8	1.0	1.5	3.6	1.0	1.4	3.3	0.9	1.4
			16	4.3	3.1	1.3	4.4	3.4	1.6	4.3	3.3	1.7	3.5	2.8	1.4	3.3	2.6	1.3	3.1	2.5	1.4
		27	19	4.8	3.1	1.4	4.9	3.3	1.6	4.8	3.3	1.8	3.9	2.7	1.5	3.7	2.6	1.4	3.5	2.5	1.4
			23	5.1	2.1	1.4	5.2	2.3	1.6	5.1	2.2	1.8	4.2	1.9	1.5	3.9	1.8	1.4	3.7	1.7	1.4
			19	4.9	3.3	1.4	5.0	3.6	1.6	4.9	3.5	1.8	4.0	2.9	1.5	3.8	2.8	1.4	3.5	2.7	1.4
		29	16	4.5	3.5	1.3	4.7	3.8	1.6	4.6	3.7	1.7	3.7	3.1	1.4	3.5	3.0	1.3	3.3	2.8	1.4
			19	4.9	3.5	1.4	5.1	3.8	1.6	5.0	3.8	1.8	4.1	3.1	1.5	3.8	3.0	1.4	3.6	2.9	1.4
			23	5.2	2.9	1.4	5.3	3.1	1.7	5.2	3.1	1.8	4.3	2.6	1.5	4.0	2.5	1.4	3.7	2.3	1.4
		32	16	4.8	3.7	1.4	4.9	4.1	1.6	4.8	4.0	1.8	3.9	3.3	1.5	3.7	3.2	1.4	3.4	3.0	1.4
			19	5.1	3.9	1.4	5.2	4.3	1.6	5.1	4.2	1.8	4.2	3.5	1.5	3.9	3.4	1.4	3.7	3.2	1.4
			23	5.6	3.8	1.4	5.8	4.2	1.7	5.7	4.1	1.9	4.6	3.4	1.5	4.3	3.3	1.4	4.1	3.1	1.5

Outdoor Unit:GUHD24NK3C1O Indoor Unit:GKH24K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)															
				-15			-10			-7			-5			0			
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	1400	18	9	3.0	1.3	0.9	3.0	1.3	0.9	3.1	1.4	0.9	3.1	1.4	0.9	3.2	1.5	1.0	
			12	3.1	0.9	0.9	3.2	0.9	0.9	3.2	0.9	1.0	3.2	0.9	1.0	3.3	1.0	1.0	
			15	3.7	0.9	1.0	3.8	0.9	1.0	3.9	0.9	1.1	3.9	1.0	1.1	4.0	1.0	1.1	
		21	12	3.7	2.0	1.1	3.8	2.0	1.1	3.8	2.1	1.1	3.9	2.2	1.1	4.0	2.2	1.1	
			15	3.8	1.6	1.1	3.9	1.7	1.1	3.9	1.7	1.1	4.0	1.8	1.2	4.0	1.8	1.2	
			19	4.4	1.3	1.2	4.5	1.3	1.2	4.6	1.4	1.2	4.6	1.4	1.2	4.7	1.4	1.3	
		24	16	4.0	2.0	1.1	4.0	2.1	1.1	4.1	2.2	1.1	4.2	2.2	1.2	4.2	2.3	1.2	
			19	4.5	2.0	1.2	4.6	2.0	1.2	4.7	2.1	1.2	4.7	2.2	1.3	4.8	2.2	1.3	
			23	4.4	0.9	1.2	4.5	1.0	1.3	4.6	1.0	1.3	4.6	1.0	1.3	4.7	1.0	1.3	
		27	16	4.2	2.5	1.2	4.2	2.6	1.2	4.3	2.7	1.2	4.3	2.8	1.2	4.4	2.9	1.2	
			19	4.6	2.5	1.2	4.7	2.6	1.2	4.8	2.7	1.2	4.8	2.8	1.3	4.9	2.8	1.3	
			23	4.9	1.7	1.2	5.0	1.8	1.2	5.0	1.8	1.3	5.1	1.9	1.3	5.2	1.9	1.3	
	29	19	4.7	2.7	1.2	4.8	2.8	1.2	4.9	2.9	1.3	4.9	2.9	1.3	5.0	3.0	1.3		
		16	4.4	2.8	1.2	4.4	2.9	1.2	4.5	3.0	1.2	4.6	3.1	1.2	4.6	3.2	1.3		
		19	4.8	2.9	1.2	4.8	3.0	1.2	4.9	3.1	1.3	5.0	3.1	1.3	5.0	3.2	1.3		
	30	23	5.0	2.4	1.2	5.1	2.4	1.3	5.1	2.5	1.3	5.2	2.6	1.3	5.3	2.7	1.3		
		16	4.6	3.1	1.2	4.7	3.2	1.2	4.7	3.3	1.2	4.8	3.4	1.3	4.9	3.4	1.3		
		19	4.9	3.2	1.2	5.0	3.3	1.2	5.0	3.4	1.3	5.1	3.5	1.3	5.2	3.6	1.3		
	32	23	5.0	2.9	1.2	5.1	3.0	1.3	5.2	3.1	1.3	5.3	3.2	1.3	5.3	3.3	1.3		
		16	4.6	3.1	1.2	4.7	3.2	1.2	4.7	3.3	1.2	4.8	3.4	1.3	4.9	3.4	1.3		
		19	4.9	3.2	1.2	5.0	3.3	1.2	5.0	3.4	1.3	5.1	3.5	1.3	5.2	3.6	1.3		
	Medium	1270	18	9	2.9	1.2	0.9	3.0	1.2	0.9	3.0	1.3	0.9	3.1	1.3	0.9	3.1	1.3	0.9
				12	3.0	0.8	0.9	3.1	0.8	0.9	3.1	0.8	1.0	3.2	0.8	1.0	3.2	0.9	1.0
				15	3.7	0.8	1.0	3.7	0.8	1.0	3.8	0.8	1.0	3.8	0.9	1.1	3.9	0.9	1.1
21			12	3.7	1.8	1.1	3.7	1.9	1.1	3.8	1.9	1.1	3.8	2.0	1.1	3.9	2.0	1.1	
			15	3.7	1.5	1.1	3.8	1.5	1.1	3.9	1.6	1.1	3.9	1.6	1.1	4.0	1.7	1.2	
			19	4.3	1.2	1.2	4.4	1.2	1.2	4.5	1.2	1.2	4.5	1.3	1.2	4.6	1.3	1.2	
24			16	3.9	1.9	1.1	4.0	1.9	1.1	4.0	2.0	1.1	4.1	2.0	1.1	4.1	2.1	1.2	
			19	4.4	1.8	1.2	4.5	1.9	1.2	4.6	1.9	1.2	4.6	2.0	1.2	4.7	2.0	1.3	
			23	4.3	0.8	1.2	4.4	0.9	1.2	4.5	0.9	1.3	4.5	0.9	1.3	4.6	1.0	1.3	
27			16	4.1	2.3	1.2	4.1	2.4	1.2	4.2	2.5	1.2	4.3	2.5	1.2	4.3	2.6	1.2	
			19	4.5	2.3	1.2	4.6	2.4	1.2	4.7	2.4	1.2	4.7	2.5	1.3	4.8	2.6	1.3	
			23	4.8	1.6	1.2	4.9	1.6	1.2	4.9	1.7	1.3	5.0	1.7	1.3	5.1	1.7	1.3	
29		19	4.6	2.5	1.2	4.7	2.5	1.2	4.8	2.6	1.2	4.8	2.7	1.3	4.9	2.8	1.3		
		16	4.3	2.6	1.2	4.4	2.7	1.2	4.4	2.7	1.2	4.5	2.8	1.2	4.6	2.9	1.2		
		19	4.7	2.6	1.2	4.7	2.7	1.2	4.8	2.8	1.2	4.9	2.9	1.3	4.9	2.9	1.3		
30		23	4.9	2.2	1.2	5.0	2.2	1.2	5.0	2.3	1.3	5.1	2.3	1.3	5.2	2.4	1.3		
		16	4.5	2.8	1.2	4.6	2.9	1.2	4.6	3.0	1.2	4.7	3.1	1.3	4.8	3.1	1.3		
		19	4.8	3.0	1.2	4.9	3.0	1.2	4.9	3.1	1.3	5.0	3.2	1.3	5.1	3.3	1.3		
32		23	5.0	2.7	1.2	5.1	2.8	1.3	5.2	2.9	1.3	5.3	3.0	1.3	5.3	3.1	1.3		
		16	4.5	2.8	1.2	4.6	2.9	1.2	4.6	3.0	1.2	4.7	3.1	1.3	4.8	3.1	1.3		
		19	4.8	3.0	1.2	4.9	3.0	1.2	4.9	3.1	1.3	5.0	3.2	1.3	5.1	3.3	1.3		
Low		1170	18	9	2.8	1.1	0.9	2.8	1.1	0.9	2.9	1.1	0.9	2.9	1.2	0.9	3.0	1.2	0.9
				12	2.9	0.7	0.9	2.9	0.7	0.9	3.0	0.7	0.9	3.0	0.8	1.0	3.1	0.8	1.0
				15	3.5	0.7	1.0	3.5	0.8	1.0	3.6	0.8	1.0	3.6	0.8	1.1	3.7	0.8	1.1
	21		12	3.5	1.6	1.0	3.5	1.7	1.1	3.6	1.7	1.1	3.6	1.8	1.1	3.7	1.8	1.1	
			15	3.5	1.3	1.1	3.6	1.4	1.1	3.7	1.4	1.1	3.7	1.5	1.1	3.8	1.5	1.1	
			19	4.1	1.1	1.2	4.2	1.1	1.2	4.2	1.1	1.2	4.3	1.2	1.2	4.4	1.2	1.2	
	24		16	3.7	1.7	1.1	3.8	1.7	1.1	3.8	1.8	1.1	3.9	1.8	1.1	3.9	1.9	1.1	
			19	4.2	1.6	1.2	4.3	1.7	1.2	4.3	1.7	1.2	4.4	1.8	1.2	4.5	1.8	1.2	
			23	4.1	0.8	1.2	4.2	0.8	1.2	4.3	0.8	1.3	4.3	0.8	1.3	4.4	0.9	1.3	
	27		16	3.9	2.1	1.1	3.9	2.2	1.2	4.0	2.2	1.2	4.0	2.3	1.2	4.1	2.4	1.2	
			19	4.3	2.1	1.2	4.4	2.2	1.2	4.4	2.2	1.2	4.5	2.3	1.2	4.6	2.3	1.3	
			23	4.6	1.4	1.2	4.6	1.5	1.2	4.7	1.5	1.2	4.8	1.5	1.3	4.8	1.6	1.3	
	29	19	4.4	2.2	1.2	4.4	2.3	1.2	4.5	2.4	1.2	4.6	2.4	1.3	4.6	2.5	1.3		
		16	4.1	2.4	1.2	4.1	2.4	1.2	4.2	2.5	1.2	4.3	2.6	1.2	4.3	2.6	1.2		
		19	4.4	2.4	1.2	4.5	2.5	1.2	4.6	2.5	1.2	4.6	2.6	1.3	4.7	2.7	1.3		
	30	23	4.6	2.0	1.2	4.7	2.0	1.2	4.8	2.1	1.3	4.9	2.1	1.3	4.9	2.2	1.3		
		16	4.3	2.5	1.2	4.3	2.6	1.2	4.4	2.7	1.2	4.5	2.8	1.2	4.5	2.9	1.3		
		19	4.6	2.7	1.2	4.6	2.8	1.2	4.7	2.8	1.2	4.8	2.9	1.3	4.8	3.0	1.3		
	32	23	5.0	2.6	1.2	5.1	2.7	1.3	5.2	2.8	1.3	5.3	2.8	1.3	5.3	2.9	1.3		

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Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																		
				5			10			15			18			21			25			
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	1400	18	9	3.2	1.5	1.0	3.3	1.5	1.0	3.3	1.6	1.0	3.4	1.7	1.0	3.6	1.9	1.1	4.2	2.3	1.2	
			12	3.3	1.0	1.0	3.4	1.0	1.0	3.4	1.0	1.0	3.5	1.1	1.1	3.8	1.2	1.2	4.4	1.5	1.3	
			15	4.0	1.0	1.1	4.1	1.0	1.1	4.1	1.1	1.1	4.3	1.1	1.2	4.5	1.3	1.3	5.3	1.6	1.4	
		21	12	4.0	2.3	1.2	4.1	2.3	1.2	4.1	2.4	1.2	4.2	2.5	1.3	4.5	2.8	1.4	5.2	3.5	1.5	
			15	4.1	1.9	1.2	4.2	1.9	1.2	4.2	2.0	1.2	4.3	2.1	1.3	4.6	2.3	1.4	5.4	2.9	1.5	
			19	4.8	1.5	1.3	4.8	1.5	1.3	4.9	1.6	1.3	5.0	1.6	1.4	5.4	1.8	1.5	6.2	2.3	1.6	
		24	16	4.3	2.3	1.2	4.3	2.4	1.2	4.4	2.5	1.2	4.5	2.6	1.3	4.8	2.9	1.4	5.6	3.6	1.5	
			19	4.9	2.3	1.3	4.9	2.3	1.3	5.0	2.4	1.3	5.1	2.5	1.4	5.5	2.8	1.5	6.4	3.5	1.6	
			23	4.8	1.1	1.3	4.8	1.1	1.4	4.9	1.1	1.4	5.0	1.2	1.5	5.4	1.3	1.6	6.3	1.6	1.7	
		27	16	4.5	2.9	1.3	4.5	3.0	1.3	4.6	3.1	1.3	4.7	3.2	1.4	5.0	3.6	1.5	5.9	4.5	1.6	
			19	5.0	2.9	1.3	5.0	3.0	1.3	5.1	3.1	1.4	5.3	3.2	1.4	5.6	3.6	1.5	6.5	4.5	1.6	
			23	5.3	2.0	1.3	5.3	2.0	1.4	5.4	2.1	1.4	5.6	2.2	1.4	5.9	2.5	1.6	6.9	3.0	1.7	
	29	19	5.1	3.1	1.3	5.1	3.2	1.3	5.2	3.3	1.4	5.4	3.4	1.4	5.7	3.9	1.5	6.6	4.8	1.7		
		16	4.7	3.3	1.3	4.8	3.4	1.3	4.8	3.5	1.3	5.0	3.6	1.4	5.3	4.1	1.5	6.2	5.0	1.6		
		19	5.1	3.3	1.3	5.2	3.4	1.3	5.3	3.5	1.4	5.4	3.6	1.4	5.8	4.1	1.5	6.7	5.1	1.7		
	30	23	5.4	2.7	1.3	5.5	2.8	1.4	5.5	2.9	1.4	5.7	3.0	1.5	6.1	3.4	1.6	7.0	4.2	1.7		
		16	5.0	3.5	1.3	5.0	3.6	1.3	5.1	3.7	1.4	5.2	3.9	1.4	5.6	4.4	1.5	6.5	5.4	1.6		
		19	5.3	3.7	1.3	5.3	3.8	1.4	5.4	3.9	1.4	5.6	4.1	1.4	5.9	4.6	1.6	6.9	5.7	1.7		
	32	23	5.4	3.4	1.3	5.5	3.5	1.4	5.6	3.6	1.4	5.7	3.7	1.5	6.1	4.2	1.6	7.1	5.2	1.7		
		9	3.2	1.4	1.0	3.2	1.4	1.0	3.2	1.4	1.0	3.3	1.5	1.0	3.6	1.7	1.1	4.1	2.1	1.2		
		12	3.3	0.9	1.0	3.3	0.9	1.0	3.4	0.9	1.0	3.5	1.0	1.1	3.7	1.1	1.2	4.3	1.4	1.3		
	Medium	1270	18	15	3.9	0.9	1.1	4.0	0.9	1.1	4.1	1.0	1.1	4.2	1.0	1.2	4.4	1.1	1.3	5.2	1.4	1.4
				12	3.9	2.1	1.2	4.0	2.1	1.2	4.0	2.2	1.2	4.1	2.3	1.3	4.4	2.6	1.3	5.1	3.2	1.4
				15	4.0	1.7	1.2	4.1	1.8	1.2	4.1	1.8	1.2	4.2	1.9	1.3	4.5	2.1	1.4	5.3	2.6	1.5
21			19	4.7	1.3	1.3	4.7	1.4	1.3	4.8	1.4	1.3	4.9	1.5	1.4	5.3	1.7	1.5	6.1	2.1	1.6	
			16	4.2	2.1	1.2	4.3	2.2	1.2	4.3	2.3	1.2	4.4	2.3	1.3	4.7	2.7	1.4	5.5	3.3	1.5	
			19	4.8	2.1	1.3	4.8	2.1	1.3	4.9	2.2	1.3	5.0	2.3	1.4	5.4	2.6	1.5	6.3	3.2	1.6	
24			23	4.7	1.0	1.3	4.7	1.0	1.4	4.8	1.0	1.4	4.9	1.1	1.4	5.3	1.2	1.6	6.1	1.5	1.7	
			16	4.4	2.7	1.3	4.4	2.7	1.3	4.5	2.8	1.3	4.6	2.9	1.4	4.9	3.3	1.5	5.7	4.1	1.6	
			19	4.9	2.7	1.3	4.9	2.7	1.3	5.0	2.8	1.3	5.1	2.9	1.4	5.5	3.3	1.5	6.4	4.1	1.6	
27			23	5.2	1.8	1.3	5.2	1.8	1.3	5.3	1.9	1.4	5.5	2.0	1.4	5.8	2.2	1.5	6.8	2.8	1.7	
			19	5.0	2.8	1.3	5.0	2.9	1.3	5.1	3.0	1.4	5.2	3.1	1.4	5.6	3.5	1.5	6.5	4.3	1.6	
			16	4.6	3.0	1.3	4.7	3.1	1.3	4.7	3.1	1.3	4.9	3.3	1.4	5.2	3.7	1.5	6.0	4.6	1.6	
30		19	5.0	3.0	1.3	5.1	3.1	1.3	5.2	3.2	1.4	5.3	3.3	1.4	5.7	3.8	1.5	6.6	4.6	1.6		
		23	5.3	2.5	1.3	5.3	2.5	1.4	5.4	2.6	1.4	5.6	2.7	1.4	5.9	3.1	1.6	6.9	3.8	1.7		
		16	4.9	3.2	1.3	4.9	3.3	1.3	5.0	3.4	1.3	5.1	3.5	1.4	5.5	4.0	1.5	6.4	4.9	1.6		
32		19	5.2	3.4	1.3	5.2	3.5	1.3	5.3	3.6	1.4	5.5	3.7	1.4	5.8	4.2	1.5	6.8	5.2	1.7		
		23	5.4	3.1	1.3	5.5	3.2	1.4	5.6	3.3	1.4	5.7	3.5	1.5	6.1	3.9	1.6	7.1	4.8	1.7		
		9	3.0	1.2	0.9	3.0	1.3	1.0	3.1	1.3	1.0	3.2	1.4	1.0	3.4	1.6	1.1	3.9	1.9	1.2		
Low		1170	18	12	3.1	0.8	1.0	3.2	0.8	1.0	3.2	0.9	1.0	3.3	0.9	1.1	3.5	1.0	1.2	4.1	1.2	1.2
				15	3.7	0.8	1.1	3.8	0.9	1.1	3.8	0.9	1.1	4.0	0.9	1.2	4.2	1.0	1.3	4.9	1.3	1.4
				12	3.7	1.9	1.1	3.8	1.9	1.2	3.8	2.0	1.2	3.9	2.1	1.2	4.2	2.4	1.3	4.9	2.9	1.4
			21	15	3.8	1.5	1.2	3.9	1.6	1.2	3.9	1.6	1.2	4.0	1.7	1.3	4.3	1.9	1.4	5.0	2.4	1.5
				19	4.4	1.2	1.3	4.5	1.3	1.3	4.6	1.3	1.3	4.7	1.3	1.4	5.0	1.5	1.5	5.8	1.9	1.6
				16	4.0	1.9	1.2	4.0	2.0	1.2	4.1	2.0	1.2	4.2	2.1	1.3	4.5	2.4	1.4	5.2	3.0	1.5
	24		19	4.5	1.9	1.3	4.6	1.9	1.3	4.7	2.0	1.3	4.8	2.1	1.4	5.1	2.3	1.5	5.9	2.9	1.6	
			23	4.4	0.9	1.3	4.5	0.9	1.3	4.6	0.9	1.4	4.7	1.0	1.4	5.0	1.1	1.5	5.8	1.4	1.6	
			16	4.2	2.4	1.2	4.2	2.5	1.3	4.3	2.6	1.3	4.4	2.7	1.3	4.7	3.0	1.5	5.4	3.7	1.6	
	27		19	4.6	2.4	1.3	4.7	2.5	1.3	4.8	2.5	1.3	4.9	2.6	1.4	5.2	3.0	1.5	6.1	3.7	1.6	
			23	4.9	1.6	1.3	5.0	1.7	1.3	5.0	1.7	1.4	5.2	1.8	1.4	5.5	2.0	1.5	6.4	2.5	1.6	
			19	4.7	2.6	1.3	4.8	2.6	1.3	4.8	2.7	1.3	5.0	2.8	1.4	5.3	3.2	1.5	6.2	3.9	1.6	
	29	16	4.4	2.7	1.3	4.4	2.8	1.3	4.5	2.9	1.3	4.6	3.0	1.4	4.9	3.4	1.5	5.7	4.1	1.6		
		19	4.8	2.8	1.3	4.8	2.8	1.3	4.9	2.9	1.3	5.0	3.0	1.4	5.4	3.4	1.5	6.2	4.2	1.6		
		23	5.0	2.3	1.3	5.1	2.3	1.3	5.1	2.4	1.4	5.3	2.5	1.4	5.6	2.8	1.5	6.5	3.5	1.7		
	30	16	4.6	2.9	1.3	4.7	3.0	1.3	4.7	3.1	1.3	4.9	3.2	1.4	5.2	3.6	1.5	6.0	4.5	1.6		
		19	4.9	3.1	1.3	5.0	3.2	1.3	5.0	3.3	1.4	5.2	3.4	1.4	5.5	3.8	1.5	6.4	4.7	1.6		
		23	5.4	3.0	1.3	5.5	3.1	1.4	5.6	3.2	1.4	5.7	3.3	1.5	6.1	3.7	1.6	7.1	4.6	1.7		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				30			35			39			43			46			48				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1400	18	9	4.4	2.5	1.4	4.5	2.8	1.6	4.4	2.7	1.8	3.6	2.3	1.5	3.4	2.2	1.4	3.2	2.1	1.4		
			12	4.6	1.7	1.4	4.7	1.8	1.7	4.6	1.8	1.8	3.8	1.5	1.5	3.5	1.4	1.4	3.3	1.3	1.5		
			15	5.5	1.7	1.6	5.7	1.9	1.9	5.6	1.8	2.0	4.5	1.5	1.7	4.3	1.5	1.6	4.0	1.4	1.6		
		21	12	5.5	3.9	1.7	5.6	4.2	1.9	5.5	4.1	2.1	4.5	3.4	1.7	4.2	3.3	1.7	4.0	3.1	1.7		
			15	5.6	3.2	1.7	5.8	3.4	2.0	5.7	3.4	2.2	4.6	2.8	1.8	4.3	2.7	1.7	4.0	2.6	1.7		
			19	6.5	2.5	1.8	6.7	2.7	2.1	6.6	2.7	2.3	5.4	2.2	1.9	5.0	2.1	1.8	4.7	2.0	1.9		
		24	16	5.9	4.0	1.7	6.0	4.3	2.0	5.9	4.3	2.2	4.8	3.5	1.8	4.5	3.4	1.7	4.2	3.2	1.7		
			19	6.7	3.8	1.8	6.9	4.2	2.2	6.7	4.1	2.4	5.5	3.4	1.9	5.1	3.3	1.8	4.8	3.1	1.9		
			23	6.5	1.8	1.9	6.7	2.0	2.2	6.6	1.9	2.4	5.4	1.6	2.0	5.0	1.5	1.9	4.7	1.5	2.0		
		27	16	6.1	4.9	1.8	6.3	5.4	2.1	6.2	5.3	2.3	5.0	4.4	1.9	4.7	4.2	1.8	4.4	4.0	1.8		
			19	6.8	4.9	1.9	7.0	5.3	2.2	6.9	5.3	2.4	5.6	4.4	2.0	5.3	4.2	1.9	4.9	4.0	1.9		
			23	7.2	3.3	1.9	7.4	3.6	2.2	7.3	3.6	2.4	5.9	3.0	2.0	5.6	2.8	1.9	5.2	2.7	1.9		
		29	19	6.9	5.3	1.9	7.1	5.7	2.2	7.0	5.6	2.4	5.7	4.7	2.0	5.4	4.5	1.9	5.0	4.3	1.9		
			30	16	6.4	5.5	1.8	6.6	6.0	2.1	6.5	5.9	2.3	5.3	4.9	1.9	5.0	4.7	1.8	4.6	4.5	1.9	
				19	7.0	5.6	1.9	7.2	6.1	2.2	7.1	6.0	2.4	5.8	5.0	2.0	5.4	4.8	1.9	5.0	4.6	1.9	
		23		7.3	4.6	1.9	7.6	5.0	2.2	7.4	4.9	2.4	6.1	4.1	2.0	5.7	3.9	1.9	5.3	3.7	2.0		
		32	16	6.8	6.0	1.9	7.0	6.5	2.2	6.8	6.4	2.4	5.6	5.3	2.0	5.2	5.1	1.9	4.9	4.9	1.9		
			19	7.2	6.3	1.9	7.4	6.8	2.2	7.3	6.8	2.4	5.9	5.6	2.0	5.6	5.4	1.9	5.2	5.1	1.9		
			23	7.4	5.7	1.9	7.6	6.2	2.2	7.5	6.1	2.4	6.1	5.1	2.0	5.7	4.9	1.9	5.3	4.6	2.0		
		Medium	1270	18	9	4.3	2.3	1.4	4.4	2.5	1.6	4.4	2.5	1.7	3.6	2.1	1.4	3.3	2.0	1.4	3.1	1.9	1.4
					12	4.5	1.5	1.4	4.6	1.6	1.7	4.5	1.6	1.8	3.7	1.4	1.5	3.5	1.3	1.4	3.2	1.2	1.5
					15	5.4	1.6	1.6	5.6	1.7	1.8	5.4	1.7	2.0	4.4	1.4	1.7	4.2	1.3	1.6	3.9	1.3	1.6
				21	12	5.4	3.5	1.6	5.5	3.8	1.9	5.4	3.8	2.1	4.4	3.1	1.7	4.1	3.0	1.6	3.9	2.9	1.7
					15	5.5	2.9	1.7	5.7	3.1	2.0	5.6	3.1	2.1	4.5	2.6	1.8	4.2	2.5	1.7	4.0	2.3	1.7
19	6.4				2.3	1.8	6.6	2.5	2.1	6.5	2.4	2.3	5.3	2.0	1.9	4.9	1.9	1.8	4.6	1.8	1.8		
24	16			5.7	3.6	1.7	5.9	3.9	2.0	5.8	3.9	2.1	4.7	3.2	1.8	4.4	3.1	1.7	4.1	2.9	1.7		
	19			6.5	3.5	1.8	6.7	3.8	2.1	6.6	3.8	2.3	5.4	3.1	1.9	5.0	3.0	1.8	4.7	2.8	1.9		
	23			6.4	1.6	1.9	6.6	1.8	2.2	6.5	1.8	2.4	5.3	1.5	2.0	4.9	1.4	1.9	4.6	1.3	1.9		
27	16			6.0	4.5	1.8	6.2	4.9	2.1	6.1	4.8	2.3	4.9	4.0	1.9	4.6	3.8	1.8	4.3	3.7	1.8		
	19			6.7	4.5	1.8	6.9	4.8	2.2	6.7	4.8	2.4	5.5	4.0	1.9	5.1	3.8	1.8	4.8	3.6	1.9		
	23			7.1	3.0	1.9	7.3	3.3	2.2	7.1	3.3	2.4	5.8	2.7	2.0	5.5	2.6	1.9	5.1	2.5	1.9		
29	19			6.8	4.8	1.9	7.0	5.2	2.2	6.9	5.1	2.4	5.6	4.3	2.0	5.2	4.1	1.9	4.9	3.9	1.9		
	30			16	6.3	5.0	1.8	6.5	5.5	2.1	6.4	5.4	2.3	5.2	4.5	1.9	4.9	4.3	1.8	4.6	4.1	1.8	
				19	6.9	5.1	1.9	7.1	5.5	2.2	6.9	5.5	2.4	5.7	4.6	2.0	5.3	4.4	1.9	4.9	4.2	1.9	
23				7.2	4.2	1.9	7.4	4.5	2.2	7.3	4.5	2.4	5.9	3.7	2.0	5.6	3.6	1.9	5.2	3.4	1.9		
32	16			6.6	5.4	1.8	6.8	5.9	2.2	6.7	5.8	2.4	5.5	4.9	1.9	5.1	4.6	1.8	4.8	4.4	1.9		
	19			7.1	5.7	1.9	7.3	6.2	2.2	7.1	6.2	2.4	5.8	5.1	2.0	5.5	4.9	1.9	5.1	4.7	1.9		
	23			7.4	5.3	1.9	7.6	5.8	2.2	7.5	5.7	2.4	6.1	4.7	2.0	5.7	4.5	1.9	5.3	4.3	2.0		
Low	1170			18	9	4.1	2.1	1.3	4.2	2.3	1.6	4.1	2.3	1.7	3.4	1.9	1.4	3.2	1.8	1.3	3.0	1.7	1.4
					12	4.2	1.4	1.4	4.4	1.5	1.7	4.3	1.5	1.8	3.5	1.2	1.5	3.3	1.2	1.4	3.1	1.1	1.4
					15	5.1	1.4	1.5	5.3	1.5	1.8	5.2	1.5	2.0	4.2	1.3	1.6	4.0	1.2	1.5	3.7	1.1	1.6
				21	12	5.1	3.2	1.6	5.2	3.5	1.9	5.1	3.4	2.1	4.2	2.9	1.7	3.9	2.7	1.6	3.7	2.6	1.7
					15	5.2	2.6	1.7	5.4	2.8	1.9	5.3	2.8	2.1	4.3	2.3	1.8	4.0	2.2	1.7	3.8	2.1	1.7
		19	6.1		2.1	1.8	6.2	2.2	2.1	6.1	2.2	2.3	5.0	1.8	1.9	4.7	1.8	1.8	4.4	1.7	1.8		
		24	16	5.4	3.3	1.7	5.6	3.6	1.9	5.5	3.5	2.1	4.5	2.9	1.8	4.2	2.8	1.7	3.9	2.7	1.7		
			19	6.2	3.2	1.8	6.4	3.5	2.1	6.3	3.4	2.3	5.1	2.8	1.9	4.8	2.7	1.8	4.5	2.6	1.8		
			23	6.1	1.5	1.9	6.3	1.6	2.2	6.1	1.6	2.4	5.0	1.3	2.0	4.7	1.3	1.9	4.4	1.2	1.9		
		27	16	5.7	4.1	1.8	5.9	4.4	2.1	5.7	4.4	2.3	4.7	3.7	1.9	4.4	3.5	1.8	4.1	3.3	1.8		
			19	6.3	4.1	1.8	6.5	4.4	2.1	6.4	4.4	2.3	5.2	3.6	1.9	4.9	3.5	1.8	4.6	3.3	1.9		
			23	6.7	2.8	1.9	6.9	3.0	2.2	6.8	3.0	2.4	5.5	2.5	2.0	5.2	2.4	1.9	4.8	2.2	1.9		
		29	19	6.4	4.3	1.8	6.6	4.7	2.2	6.5	4.7	2.4	5.3	3.9	1.9	5.0	3.7	1.8	4.6	3.5	1.9		
			30	16	6.0	4.6	1.8	6.2	5.0	2.1	6.0	4.9	2.3	4.9	4.1	1.9	4.6	3.9	1.8	4.3	3.7	1.8	
				19	6.5	4.6	1.8	6.7	5.0	2.2	6.6	5.0	2.4	5.4	4.1	1.9	5.0	4.0	1.8	4.7	3.8	1.9	
		23		6.8	3.8	1.9	7.0	4.1	2.2	6.9	4.1	2.4	5.6	3.4	2.0	5.3	3.2	1.9	4.9	3.1	1.9		
		32	16	6.3	4.9	1.8	6.5	5.4	2.1	6.4	5.3	2.3	5.2	4.4	1.9	4.9	4.2	1.8	4.5	4.0	1.9		
			19	6.7	5.2	1.9	6.9	5.6	2.2	6.8	5.6	2.4	5.5	4.7	2.0	5.2	4.4	1.9	4.8	4.2	1.9		
			23	7.4	5.1	1.9	7.6	5.5	2.2	7.5	5.4	2.4	6.1	4.5	2.0	5.7	4.3	1.9	5.3	4.1	2.0		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD30NK3C1O Indoor Unit:GKH30K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																
				-15			-10			-7			-5			0				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1660	18	9	3.8	1.6	1.1	3.8	1.7	1.1	3.9	1.7	1.2	3.9	1.8	1.2	4.0	1.8	1.2		
			12	3.9	1.1	1.2	4.0	1.1	1.2	4.0	1.1	1.2	4.1	1.2	1.2	4.1	1.2	1.3		
			15	4.7	1.1	1.3	4.8	1.1	1.3	4.8	1.2	1.3	4.9	1.2	1.4	5.0	1.2	1.4		
		21	12	4.7	2.5	1.3	4.8	2.6	1.4	4.8	2.6	1.4	4.9	2.7	1.4	5.0	2.8	1.4		
			15	4.8	2.0	1.4	4.9	2.1	1.4	4.9	2.2	1.4	5.0	2.2	1.4	5.1	2.3	1.5		
			19	5.6	1.6	1.5	5.7	1.7	1.5	5.7	1.7	1.5	5.8	1.8	1.6	5.9	1.8	1.6		
		24	16	5.0	2.6	1.4	5.1	2.6	1.4	5.2	2.7	1.4	5.2	2.8	1.4	5.3	2.9	1.5		
			19	5.7	2.5	1.5	5.8	2.6	1.5	5.9	2.6	1.5	6.0	2.7	1.6	6.0	2.8	1.6		
			23	5.6	1.2	1.6	5.7	1.2	1.6	5.7	1.2	1.6	5.8	1.3	1.6	5.9	1.3	1.7		
		27	16	5.2	3.2	1.5	5.3	3.3	1.5	5.4	3.4	1.5	5.5	3.5	1.5	5.5	3.6	1.6		
			19	5.8	3.2	1.5	5.9	3.3	1.5	6.0	3.4	1.6	6.1	3.5	1.6	6.2	3.6	1.6		
			23	6.2	2.2	1.5	6.2	2.2	1.6	6.3	2.3	1.6	6.4	2.3	1.6	6.5	2.4	1.6		
		29	19	5.9	3.4	1.5	6.0	3.5	1.5	6.1	3.6	1.6	6.2	3.7	1.6	6.3	3.8	1.6		
			30	16	5.5	3.6	1.5	5.6	3.7	1.5	5.7	3.8	1.5	5.8	3.9	1.6	5.8	4.0	1.6	
				19	6.0	3.6	1.5	6.1	3.7	1.5	6.2	3.8	1.6	6.3	4.0	1.6	6.3	4.1	1.6	
		23		6.3	3.0	1.6	6.4	3.1	1.6	6.5	3.2	1.6	6.6	3.2	1.6	6.7	3.3	1.7		
		32	16	5.8	3.9	1.5	5.9	4.0	1.5	6.0	4.1	1.6	6.1	4.2	1.6	6.1	4.3	1.6		
			19	6.2	4.1	1.5	6.2	4.2	1.6	6.3	4.3	1.6	6.4	4.4	1.6	6.5	4.6	1.6		
			23	6.3	3.7	1.6	6.4	3.8	1.6	6.5	3.9	1.6	6.6	4.0	1.6	6.7	4.1	1.7		
		Medium	1570	18	9	3.7	1.5	1.1	3.7	1.5	1.1	3.8	1.6	1.1	3.9	1.6	1.2	3.9	1.7	1.2
					12	3.8	1.0	1.2	3.9	1.0	1.2	3.9	1.0	1.2	4.0	1.1	1.2	4.1	1.1	1.2
					15	4.6	1.0	1.3	4.7	1.0	1.3	4.8	1.1	1.3	4.8	1.1	1.3	4.9	1.1	1.4
				21	12	4.6	2.3	1.3	4.7	2.3	1.4	4.7	2.4	1.4	4.8	2.5	1.4	4.9	2.6	1.4
					15	4.7	1.9	1.4	4.8	1.9	1.4	4.8	2.0	1.4	4.9	2.0	1.4	5.0	2.1	1.5
19	5.5				1.5	1.5	5.5	1.5	1.5	5.6	1.6	1.5	5.7	1.6	1.5	5.8	1.6	1.6		
24	16			4.9	2.3	1.4	5.0	2.4	1.4	5.1	2.5	1.4	5.1	2.5	1.4	5.2	2.6	1.5		
	19			5.6	2.3	1.5	5.7	2.3	1.5	5.7	2.4	1.5	5.8	2.5	1.6	5.9	2.5	1.6		
	23			5.5	1.1	1.5	5.5	1.1	1.6	5.6	1.1	1.6	5.7	1.2	1.6	5.8	1.2	1.6		
27	16			5.1	2.9	1.4	5.2	3.0	1.5	5.3	3.1	1.5	5.4	3.2	1.5	5.4	3.3	1.6		
	19			5.7	2.9	1.5	5.8	3.0	1.5	5.9	3.1	1.5	6.0	3.2	1.6	6.0	3.2	1.6		
	23			6.0	2.0	1.5	6.1	2.0	1.5	6.2	2.1	1.6	6.3	2.1	1.6	6.4	2.2	1.6		
29	19			5.8	3.1	1.5	5.9	3.2	1.5	6.0	3.3	1.6	6.1	3.4	1.6	6.2	3.5	1.6		
	30			16	5.4	3.3	1.5	5.5	3.4	1.5	5.6	3.5	1.5	5.6	3.6	1.5	5.7	3.6	1.6	
				19	5.9	3.3	1.5	6.0	3.4	1.5	6.0	3.5	1.6	6.1	3.6	1.6	6.2	3.7	1.6	
23				6.2	2.7	1.5	6.2	2.8	1.6	6.3	2.9	1.6	6.4	3.0	1.6	6.5	3.0	1.6		
32	16			5.7	3.5	1.5	5.8	3.6	1.5	5.8	3.7	1.5	5.9	3.8	1.6	6.0	3.9	1.6		
	19			6.0	3.7	1.5	6.1	3.8	1.5	6.2	3.9	1.6	6.3	4.0	1.6	6.4	4.2	1.6		
	23			6.3	3.4	1.6	6.4	3.5	1.6	6.5	3.6	1.6	6.6	3.7	1.6	6.7	3.8	1.7		
Low	1500			18	9	3.5	1.4	1.1	3.6	1.4	1.1	3.6	1.4	1.1	3.7	1.5	1.2	3.7	1.5	1.2
					12	3.6	0.9	1.1	3.7	0.9	1.2	3.7	0.9	1.2	3.8	1.0	1.2	3.9	1.0	1.2
					15	4.4	0.9	1.3	4.4	0.9	1.3	4.5	1.0	1.3	4.6	1.0	1.3	4.6	1.0	1.3
				21	12	4.4	2.1	1.3	4.4	2.1	1.3	4.5	2.2	1.4	4.6	2.3	1.4	4.6	2.3	1.4
					15	4.5	1.7	1.3	4.5	1.7	1.4	4.6	1.8	1.4	4.7	1.8	1.4	4.7	1.9	1.4
		19	5.2		1.3	1.4	5.3	1.4	1.5	5.3	1.4	1.5	5.4	1.5	1.5	5.5	1.5	1.6		
		24	16	4.7	2.1	1.3	4.7	2.2	1.4	4.8	2.2	1.4	4.9	2.3	1.4	4.9	2.4	1.4		
			19	5.3	2.1	1.5	5.4	2.1	1.5	5.5	2.2	1.5	5.5	2.2	1.5	5.6	2.3	1.6		
			23	5.2	1.0	1.5	5.3	1.0	1.5	5.3	1.0	1.6	5.4	1.1	1.6	5.5	1.1	1.6		
		27	16	4.9	2.7	1.4	4.9	2.7	1.5	5.0	2.8	1.5	5.1	2.9	1.5	5.2	3.0	1.5		
			19	5.4	2.6	1.5	5.5	2.7	1.5	5.6	2.8	1.5	5.6	2.9	1.6	5.7	2.9	1.6		
			23	5.7	1.8	1.5	5.8	1.8	1.5	5.9	1.9	1.6	6.0	1.9	1.6	6.1	2.0	1.6		
		29	19	5.5	2.8	1.5	5.6	2.9	1.5	5.7	3.0	1.5	5.8	3.1	1.6	5.8	3.2	1.6		
			30	16	5.1	3.0	1.4	5.2	3.0	1.5	5.3	3.1	1.5	5.4	3.2	1.5	5.4	3.3	1.6	
				19	5.6	3.0	1.5	5.6	3.1	1.5	5.7	3.2	1.5	5.8	3.3	1.6	5.9	3.4	1.6	
		23		5.8	2.5	1.5	5.9	2.5	1.5	6.0	2.6	1.6	6.1	2.7	1.6	6.2	2.8	1.6		
		32	16	5.4	3.2	1.5	5.5	3.3	1.5	5.5	3.4	1.5	5.6	3.5	1.6	5.7	3.6	1.6		
			19	5.7	3.4	1.5	5.8	3.5	1.5	5.9	3.6	1.6	6.0	3.7	1.6	6.1	3.8	1.6		
			23	6.3	3.3	1.6	6.4	3.4	1.6	6.5	3.5	1.6	6.6	3.6	1.6	6.7	3.7	1.7		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				5			10			15			18			21			25				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1660	18	9	4.0	1.9	1.2	4.1	1.9	1.2	4.2	2.0	1.3	4.3	2.1	1.3	4.6	2.4	1.4	5.3	2.9	1.5		
			12	4.2	1.2	1.3	4.3	1.3	1.3	4.3	1.3	1.3	4.4	1.4	1.4	4.7	1.5	1.5	5.5	1.9	1.6		
			15	5.1	1.3	1.4	5.1	1.3	1.4	5.2	1.3	1.4	5.3	1.4	1.5	5.7	1.6	1.6	6.6	1.9	1.7		
		21	12	5.0	2.9	1.5	5.1	3.0	1.5	5.2	3.0	1.5	5.3	3.2	1.6	5.7	3.6	1.7	6.6	4.4	1.8		
			15	5.2	2.4	1.5	5.2	2.4	1.5	5.3	2.5	1.5	5.4	2.6	1.6	5.8	2.9	1.7	6.8	3.6	1.9		
			19	6.0	1.9	1.6	6.1	1.9	1.6	6.2	2.0	1.7	6.3	2.0	1.7	6.8	2.0	1.7	7.9	2.8	2.0		
		24	16	5.4	3.0	1.5	5.5	3.0	1.5	5.5	3.1	1.5	5.7	3.2	1.6	6.1	3.7	1.7	7.1	4.5	1.9		
			19	6.1	2.9	1.6	6.2	2.9	1.7	6.3	3.0	1.7	6.5	3.1	1.8	6.9	3.6	1.9	8.0	4.4	2.0		
			23	6.0	1.3	1.7	6.1	1.4	1.7	6.2	1.4	1.7	6.3	1.5	1.8	6.8	1.7	2.0	7.9	2.1	2.1		
		27	16	5.6	3.7	1.6	5.7	3.8	1.6	5.8	3.9	1.6	5.9	4.0	1.7	6.3	4.6	1.9	7.4	5.6	2.0		
			19	6.2	3.7	1.6	6.3	3.8	1.7	6.4	3.9	1.7	6.6	4.0	1.8	7.0	4.5	1.9	8.2	5.6	2.1		
			23	6.6	2.5	1.7	6.7	2.5	1.7	6.8	2.6	1.7	7.0	2.7	1.8	7.5	3.1	2.0	8.7	3.8	2.1		
		29	19	6.4	3.9	1.7	6.5	4.0	1.7	6.6	4.1	1.7	6.7	4.3	1.8	7.2	4.9	1.9	8.3	6.0	2.1		
			16	5.9	4.1	1.6	6.0	4.2	1.6	6.1	4.3	1.7	6.3	4.5	1.7	6.7	5.1	1.9	7.8	6.3	2.0		
			19	6.4	4.2	1.7	6.5	4.3	1.7	6.6	4.4	1.7	6.8	4.6	1.8	7.3	5.2	1.9	8.4	6.4	2.1		
		30	23	6.8	3.4	1.7	6.9	3.5	1.7	6.9	3.6	1.8	7.1	3.8	1.8	7.6	4.3	2.0	8.9	5.2	2.1		
			16	6.2	4.5	1.6	6.3	4.6	1.7	6.4	4.7	1.7	6.6	4.9	1.8	7.0	5.5	1.9	8.2	6.8	2.1		
			19	6.6	4.7	1.7	6.7	4.8	1.7	6.8	4.9	1.7	7.0	5.1	1.8	7.5	5.8	2.0	8.7	7.2	2.1		
		32	23	6.8	4.3	1.7	6.9	4.4	1.7	7.0	4.5	1.8	7.2	4.7	1.8	7.7	5.3	2.0	8.9	6.5	2.1		
			18	9	4.0	1.7	1.2	4.0	1.8	1.2	4.1	1.8	1.2	4.2	1.9	1.3	4.5	2.1	1.4	5.2	2.6	1.5	
			12	4.1	1.1	1.3	4.2	1.2	1.3	4.2	1.2	1.3	4.3	1.2	1.4	4.6	1.4	1.5	5.4	1.7	1.6		
		Medium	1570	18	15	5.0	1.2	1.4	5.0	1.2	1.4	5.1	1.2	1.4	5.2	1.3	1.5	5.6	1.4	1.6	6.5	1.8	1.7
					12	4.9	2.6	1.5	5.0	2.7	1.5	5.1	2.8	1.5	5.2	2.9	1.6	5.6	3.3	1.7	6.5	4.0	1.8
					15	5.1	2.1	1.5	5.1	2.2	1.5	5.2	2.3	1.5	5.3	2.4	1.6	5.7	2.7	1.7	6.6	3.3	1.9
21	19			5.9	1.7	1.6	6.0	1.7	1.6	6.0	1.8	1.6	6.2	1.9	1.7	6.6	2.1	1.9	7.7	2.6	2.0		
	16			5.3	2.7	1.5	5.4	2.8	1.5	5.4	2.8	1.5	5.6	3.0	1.6	5.9	3.3	1.7	6.9	4.1	1.9		
	19			6.0	2.6	1.6	6.1	2.7	1.6	6.2	2.8	1.7	6.3	2.9	1.7	6.8	3.2	1.9	7.9	4.0	2.0		
24	23			5.9	1.2	1.7	6.0	1.3	1.7	6.0	1.3	1.7	6.2	1.3	1.8	6.6	1.5	2.0	7.7	1.9	2.1		
	16			5.5	3.4	1.6	5.6	3.5	1.6	5.7	3.5	1.6	5.8	3.7	1.7	6.2	4.2	1.8	7.2	5.1	2.0		
	19			6.1	3.3	1.6	6.2	3.4	1.7	6.3	3.5	1.7	6.5	3.7	1.8	6.9	4.1	1.9	8.0	5.1	2.0		
27	23			6.5	2.3	1.7	6.6	2.3	1.7	6.7	2.4	1.7	6.9	2.5	1.8	7.3	2.8	1.9	8.5	3.5	2.1		
	19			6.2	3.6	1.6	6.3	3.7	1.7	6.4	3.8	1.7	6.6	3.9	1.8	7.0	4.4	1.9	8.2	5.5	2.1		
	16			5.8	3.8	1.6	5.9	3.9	1.6	6.0	4.0	1.6	6.1	4.1	1.7	6.5	4.7	1.9	7.6	5.7	2.0		
30	19			6.3	3.8	1.6	6.4	3.9	1.7	6.5	4.0	1.7	6.7	4.2	1.8	7.1	4.7	1.9	8.3	5.8	2.1		
	23			6.6	3.1	1.7	6.7	3.2	1.7	6.8	3.3	1.7	7.0	3.4	1.8	7.5	3.9	2.0	8.7	4.8	2.1		
	16			6.1	4.1	1.6	6.2	4.2	1.7	6.3	4.3	1.7	6.4	4.5	1.8	6.9	5.0	1.9	8.0	6.2	2.0		
32	19			6.5	4.3	1.7	6.6	4.4	1.7	6.7	4.5	1.7	6.9	4.7	1.8	7.3	5.3	1.9	8.5	6.5	2.1		
	23			6.8	4.0	1.7	6.9	4.1	1.7	7.0	4.2	1.8	7.2	4.3	1.8	7.7	4.9	2.0	8.9	6.1	2.1		
	9			3.8	1.6	1.2	3.8	1.6	1.2	3.9	1.7	1.2	4.0	1.7	1.3	4.2	2.0	1.4	4.9	2.4	1.5		
Low	1500			18	12	3.9	1.0	1.2	4.0	1.1	1.3	4.0	1.1	1.3	4.1	1.1	1.4	4.4	1.3	1.5	5.1	1.6	1.6
					15	4.7	1.1	1.4	4.8	1.1	1.4	4.8	1.1	1.4	5.0	1.2	1.5	5.3	1.3	1.6	6.2	1.6	1.7
					12	4.7	2.4	1.4	4.8	2.4	1.5	4.8	2.5	1.5	4.9	2.6	1.6	5.3	3.0	1.7	6.1	3.6	1.8
				21	15	4.8	1.9	1.5	4.9	2.0	1.5	4.9	2.1	1.5	5.1	2.1	1.6	5.4	2.4	1.7	6.3	3.0	1.8
					19	5.6	1.5	1.6	5.7	1.6	1.6	5.7	1.6	1.6	5.9	1.7	1.7	6.3	1.9	1.8	7.3	2.4	2.0
					16	5.0	2.4	1.5	5.1	2.5	1.5	5.2	2.6	1.5	5.3	2.7	1.6	5.6	3.0	1.7	6.6	3.7	1.8
		24	19	5.7	2.4	1.6	5.8	2.4	1.6	5.9	2.5	1.6	6.0	2.6	1.7	6.4	3.0	1.9	7.5	3.6	2.0		
			23	5.6	1.1	1.7	5.7	1.1	1.7	5.7	1.2	1.7	5.9	1.2	1.8	6.3	1.4	1.9	7.3	1.7	2.1		
			16	5.2	3.1	1.6	5.3	3.1	1.6	5.4	3.2	1.6	5.5	3.3	1.7	5.9	3.8	1.8	6.9	4.7	2.0		
		27	19	5.8	3.0	1.6	5.9	3.1	1.6	6.0	3.2	1.7	6.1	3.3	1.7	6.5	3.8	1.9	7.6	4.6	2.0		
			23	6.2	2.1	1.6	6.2	2.1	1.7	6.3	2.2	1.7	6.5	2.3	1.8	6.9	2.6	1.9	8.1	3.1	2.1		
			19	5.9	3.2	1.6	6.0	3.3	1.7	6.1	3.4	1.7	6.3	3.6	1.8	6.7	4.0	1.9	7.8	5.0	2.0		
		30	16	5.5	3.4	1.6	5.6	3.5	1.6	5.7	3.6	1.6	5.8	3.7	1.7	6.2	4.2	1.8	7.2	5.2	2.0		
			19	6.0	3.5	1.6	6.1	3.6	1.7	6.2	3.6	1.7	6.3	3.8	1.8	6.7	4.3	1.9	7.8	5.3	2.0		
			23	6.3	2.8	1.7	6.4	2.9	1.7	6.5	3.0	1.7	6.6	3.1	1.8	7.1	3.5	1.9	8.2	4.3	2.1		
		32	16	5.8	3.7	1.6	5.9	3.8	1.6	6.0	3.9	1.7	6.1	4.0	1.7	6.5	4.6	1.9	7.6	5.6	2.0		
			19	6.2	3.9	1.6	6.2	4.0	1.7	6.3	4.1	1.7	6.5	4.3	1.8	6.9	4.8	1.9	8.1	5.9	2.1		
			23	6.8	3.8	1.7	6.9	3.9	1.7	7.0	4.0	1.8	7.2	4.2	1.8	7.7	4.7	2.0	8.9	5.8	2.1		

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Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				30			35			39			43			46			48				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1660	18	9	5.5	3.2	1.7	5.7	3.5	2.0	5.6	3.4	2.2	4.6	2.9	1.8	4.3	2.7	1.7	4.0	2.6	1.8		
			12	5.7	2.1	1.8	5.9	2.3	2.1	5.8	2.2	2.3	4.7	1.9	1.9	4.4	1.8	1.8	4.1	1.7	1.8		
			15	6.9	2.1	2.0	7.1	2.3	2.3	7.0	2.3	2.5	5.7	1.9	2.1	5.3	1.8	2.0	5.0	1.7	2.0		
		21	12	6.9	4.8	2.1	7.1	5.3	2.4	7.0	5.2	2.7	5.7	4.3	2.2	5.3	4.1	2.1	5.0	3.9	2.1		
			15	7.0	4.0	2.1	7.3	4.3	2.5	7.1	4.3	2.7	5.8	3.5	2.2	5.4	3.4	2.1	5.1	3.2	2.2		
			19	8.2	3.1	2.3	8.4	3.4	2.7	8.3	3.4	2.9	6.8	2.8	2.4	6.3	2.7	2.3	5.9	2.5	2.3		
		24	16	7.4	5.0	2.1	7.6	5.4	2.5	7.4	5.3	2.7	6.1	4.4	2.2	5.7	4.3	2.1	5.3	4.0	2.2		
			19	8.4	4.8	2.3	8.6	5.2	2.7	8.5	5.2	3.0	6.9	4.3	2.4	6.5	4.1	2.3	6.0	3.9	2.4		
			23	8.2	2.3	2.4	8.5	2.5	2.8	8.3	2.4	3.1	6.8	2.0	2.5	6.3	1.9	2.4	5.9	1.8	2.5		
		27	16	7.7	6.2	2.3	7.9	6.7	2.7	7.8	6.7	2.9	6.3	5.6	2.4	5.9	5.3	2.3	5.5	5.0	2.3		
			19	8.5	6.2	2.3	8.8	6.7	2.7	8.6	6.6	3.0	7.0	5.5	2.5	6.6	5.3	2.3	6.2	5.0	2.4		
			23	9.0	4.2	2.4	9.3	4.5	2.8	9.1	4.5	3.0	7.5	3.7	2.5	7.0	3.6	2.4	6.5	3.4	2.4		
		29	19	8.7	6.6	2.4	9.0	7.2	2.8	8.8	7.1	3.0	7.2	5.9	2.5	6.7	5.6	2.4	6.3	5.4	2.4		
			16	8.1	6.9	2.3	8.3	7.5	2.7	8.2	7.5	2.9	6.7	6.2	2.4	6.3	5.9	2.3	5.8	5.6	2.3		
			19	8.8	7.0	2.4	9.1	7.6	2.8	8.9	7.6	3.0	7.3	6.3	2.5	6.8	6.0	2.4	6.3	5.7	2.4		
		30	23	9.2	5.8	2.4	9.5	6.3	2.8	9.3	6.2	3.1	7.6	5.2	2.5	7.1	4.9	2.4	6.7	4.7	2.5		
			16	8.5	7.5	2.3	8.8	8.1	2.7	8.6	8.1	3.0	7.0	6.7	2.5	6.6	6.4	2.3	6.1	6.1	2.4		
			19	9.0	7.9	2.4	9.3	8.6	2.8	9.1	8.5	3.0	7.5	7.1	2.5	7.0	6.8	2.4	6.5	6.4	2.4		
		32	23	9.3	7.2	2.4	9.6	7.8	2.8	9.4	7.7	3.1	7.7	6.4	2.5	7.2	6.1	2.4	6.7	5.8	2.5		
			16	8.5	7.5	2.3	8.8	8.1	2.7	8.6	8.1	3.0	7.0	6.7	2.5	6.6	6.4	2.3	6.1	6.1	2.4		
			19	9.0	7.9	2.4	9.3	8.6	2.8	9.1	8.5	3.0	7.5	7.1	2.5	7.0	6.8	2.4	6.5	6.4	2.4		
		Medium	1570	18	9	5.4	2.9	1.7	5.6	3.2	2.0	5.5	3.1	2.2	4.5	2.6	1.8	4.2	2.5	1.7	3.9	2.4	1.7
					12	5.6	1.9	1.8	5.8	2.1	2.1	5.7	2.0	2.3	4.6	1.7	1.9	4.3	1.6	1.8	4.1	1.5	1.8
					15	6.8	2.0	2.0	7.0	2.1	2.3	6.8	2.1	2.5	5.6	1.7	2.1	5.2	1.7	2.0	4.9	1.6	2.0
21	12			6.7	4.4	2.1	7.0	4.8	2.4	6.8	4.7	2.6	5.6	3.9	2.2	5.2	3.8	2.1	4.9	3.6	2.1		
	15			6.9	3.6	2.1	7.1	3.9	2.5	7.0	3.9	2.7	5.7	3.2	2.2	5.3	3.1	2.1	5.0	2.9	2.2		
	19			8.0	2.9	2.3	8.3	3.1	2.7	8.1	3.1	2.9	6.6	2.6	2.4	6.2	2.4	2.3	5.8	2.3	2.3		
24	16			7.2	4.5	2.1	7.4	4.9	2.5	7.3	4.9	2.7	5.9	4.1	2.2	5.6	3.9	2.1	5.2	3.7	2.1		
	19			8.2	4.4	2.3	8.5	4.8	2.7	8.3	4.7	2.9	6.8	3.9	2.4	6.3	3.8	2.3	5.9	3.6	2.3		
	23			8.0	2.1	2.4	8.3	2.2	2.8	8.1	2.2	3.0	6.6	1.9	2.5	6.2	1.8	2.4	5.8	1.7	2.4		
27	16			7.5	5.7	2.2	7.8	6.1	2.6	7.6	6.1	2.9	6.2	5.1	2.4	5.8	4.8	2.2	5.4	4.6	2.3		
	19			8.4	5.6	2.3	8.6	6.1	2.7	8.5	6.0	3.0	6.9	5.0	2.4	6.5	4.8	2.3	6.0	4.6	2.4		
	23			8.9	3.8	2.4	9.1	4.1	2.8	9.0	4.1	3.0	7.3	3.4	2.5	6.9	3.3	2.4	6.4	3.1	2.4		
29	19			8.5	6.0	2.3	8.8	6.5	2.7	8.6	6.5	3.0	7.0	5.4	2.5	6.6	5.1	2.3	6.2	4.9	2.4		
	16			7.9	6.3	2.3	8.2	6.9	2.7	8.0	6.8	2.9	6.5	5.7	2.4	6.1	5.4	2.3	5.7	5.1	2.3		
	19			8.6	6.4	2.3	8.9	7.0	2.7	8.7	6.9	3.0	7.1	5.7	2.5	6.7	5.5	2.3	6.2	5.2	2.4		
30	23			9.0	5.3	2.4	9.3	5.7	2.8	9.1	5.6	3.0	7.5	4.7	2.5	7.0	4.5	2.4	6.5	4.3	2.4		
	16			8.3	6.8	2.3	8.6	7.4	2.7	8.4	7.3	3.0	6.9	6.1	2.4	6.4	5.8	2.3	6.0	5.6	2.4		
	19			8.9	7.2	2.4	9.1	7.8	2.8	9.0	7.7	3.0	7.3	6.4	2.5	6.9	6.2	2.4	6.4	5.9	2.4		
32	23			9.3	6.7	2.4	9.6	7.2	2.8	9.4	7.2	3.1	7.7	6.0	2.5	7.2	5.7	2.4	6.7	5.4	2.5		
	16			8.3	6.8	2.3	8.6	7.4	2.7	8.4	7.3	3.0	6.9	6.1	2.4	6.4	5.8	2.3	6.0	5.6	2.4		
	19			8.9	7.2	2.4	9.1	7.8	2.8	9.0	7.7	3.0	7.3	6.4	2.5	6.9	6.2	2.4	6.4	5.9	2.4		
Low	1500			18	9	5.1	2.6	1.7	5.3	2.9	2.0	5.2	2.8	2.2	4.2	2.4	1.8	4.0	2.3	1.7	3.7	2.1	1.7
					12	5.3	1.7	1.8	5.5	1.9	2.1	5.4	1.9	2.3	4.4	1.5	1.9	4.1	1.5	1.8	3.9	1.4	1.8
					15	6.4	1.8	1.9	6.6	1.9	2.3	6.5	1.9	2.5	5.3	1.6	2.1	5.0	1.5	1.9	4.6	1.4	2.0
		21	12	6.4	4.0	2.0	6.6	4.4	2.4	6.5	4.3	2.6	5.3	3.6	2.2	4.9	3.4	2.0	4.6	3.3	2.1		
			15	6.6	3.3	2.1	6.8	3.6	2.4	6.6	3.5	2.7	5.4	2.9	2.2	5.1	2.8	2.1	4.7	2.7	2.1		
			19	7.6	2.6	2.2	7.9	2.8	2.6	7.7	2.8	2.9	6.3	2.3	2.4	5.9	2.2	2.2	5.5	2.1	2.3		
		24	16	6.8	4.1	2.1	7.1	4.5	2.4	6.9	4.4	2.7	5.6	3.7	2.2	5.3	3.5	2.1	4.9	3.3	2.1		
			19	7.8	4.0	2.3	8.0	4.3	2.7	7.9	4.3	2.9	6.4	3.6	2.4	6.0	3.4	2.3	5.6	3.3	2.3		
			23	7.6	1.9	2.3	7.9	2.0	2.8	7.7	2.0	3.0	6.3	1.7	2.5	5.9	1.6	2.3	5.5	1.5	2.4		
		27	16	7.1	5.1	2.2	7.4	5.6	2.6	7.2	5.5	2.8	5.9	4.6	2.3	5.5	4.4	2.2	5.2	4.2	2.3		
			19	7.9	5.1	2.3	8.2	5.5	2.7	8.0	5.5	2.9	6.5	4.6	2.4	6.1	4.4	2.3	5.7	4.1	2.3		
			23	8.4	3.5	2.3	8.7	3.8	2.7	8.5	3.7	3.0	6.9	3.1	2.5	6.5	3.0	2.3	6.1	2.8	2.4		
		29	19	8.1	5.5	2.3	8.3	5.9	2.7	8.2	5.9	3.0	6.7	4.9	2.4	6.3	4.7	2.3	5.8	4.4	2.4		
			16	7.5	5.7	2.2	7.8	6.2	2.6	7.6	6.2	2.9	6.2	5.1	2.4	5.8	4.9	2.2	5.4	4.7	2.3		
			19	8.2	5.8	2.3	8.4	6.3	2.7	8.3	6.3	3.0	6.7	5.2	2.4	6.3	5.0	2.3	5.9	4.7	2.4		
		30	23	8.6	4.8	2.4	8.9	5.2	2.8	8.7	5.1	3.0	7.1	4.3	2.5	6.6	4.1	2.4	6.2	3.9	2.4		
			16	7.9	6.2	2.3	8.2	6.7	2.7	8.0	6.7	2.9	6.5	5.6	2.4	6.1	5.3	2.3	5.7	5.0	2.3		
			19	8.4	6.5	2.3	8.7	7.1	2.7	8.5	7.0	3.0	6.9	5.9	2.5	6.5	5.6	2.3	6.1	5.3	2.4		
		32	23	9.3	6.4	2.4	9.6	6.9	2.8	9.4	6.8	3.1	7.7	5.7	2.5	7.2	5.4	2.4	6.7	5.2	2.5		
			16	8.3	6.8	2.3	8.6	7.4	2.7	8.4	7.3	3.0	6.9	6.1	2.4	6.4	5.8	2.3	6.0	5.6	2.4		
			19	8.9	7.2	2.4	9.1	7.8	2.8	9.0	7.7	3.0	7.3	6.4	2.5	6.9	6.2	2.4	6.4	5.9	2.4		

Outdoor Unit:GUHD36NK3C1O/GUHD36NM3C1O Indoor Unit:GKH36K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)															
		DB(°C)	WB(°C)	-15			-10			-7			-5			0			
				TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	1660	18	9	4.3	1.9	1.3	4.3	1.9	1.3	4.4	2.0	1.4	4.5	2.0	1.4	4.5	2.1	1.4	
			12	4.4	1.2	1.4	4.5	1.3	1.4	4.6	1.3	1.4	4.6	1.3	1.4	4.7	1.4	1.5	
			15	5.3	1.3	1.5	5.4	1.3	1.5	5.5	1.3	1.6	5.6	1.4	1.6	5.7	1.4	1.6	
		21	12	5.3	2.8	1.6	5.4	2.9	1.6	5.5	3.0	1.6	5.6	3.1	1.7	5.6	3.2	1.7	
			15	5.4	2.3	1.6	5.5	2.4	1.6	5.6	2.5	1.7	5.7	2.5	1.7	5.8	2.6	1.7	
			19	6.3	1.8	1.7	6.4	1.9	1.8	6.5	1.9	1.8	6.6	2.0	1.8	6.7	2.1	1.9	
		24	16	5.7	2.9	1.6	5.8	3.0	1.6	5.9	3.1	1.7	6.0	3.2	1.7	6.0	3.3	1.7	
			19	6.5	2.8	1.7	6.6	2.9	1.8	6.7	3.0	1.8	6.8	3.1	1.8	6.9	3.2	1.9	
			23	6.3	1.3	1.8	6.4	1.4	1.9	6.5	1.4	1.9	6.6	1.5	1.9	6.7	1.5	1.9	
		27	16	5.9	3.6	1.7	6.0	3.7	1.7	6.1	3.9	1.8	6.2	4.0	1.8	6.3	4.1	1.8	
			19	6.6	3.6	1.8	6.7	3.7	1.8	6.8	3.8	1.8	6.9	3.9	1.9	7.0	4.0	1.9	
			23	7.0	2.5	1.8	7.1	2.5	1.8	7.2	2.6	1.9	7.3	2.7	1.9	7.4	2.7	1.9	
	29	19	6.7	3.9	1.8	6.8	4.0	1.8	6.9	4.1	1.8	7.0	4.2	1.9	7.1	4.3	1.9		
		30	16	6.3	4.1	1.7	6.3	4.2	1.8	6.4	4.3	1.8	6.5	4.4	1.8	6.6	4.6	1.9	
			19	6.8	4.1	1.8	6.9	4.2	1.8	7.0	4.4	1.8	7.1	4.5	1.9	7.2	4.6	1.9	
	23		7.1	3.4	1.8	7.2	3.5	1.9	7.4	3.6	1.9	7.5	3.7	1.9	7.6	3.8	2.0		
	32	16	6.6	4.4	1.8	6.7	4.5	1.8	6.8	4.7	1.8	6.9	4.8	1.9	7.0	4.9	1.9		
		19	7.0	4.6	1.8	7.1	4.8	1.8	7.2	4.9	1.9	7.3	5.0	1.9	7.4	5.2	1.9		
		23	7.2	4.2	1.8	7.3	4.3	1.9	7.4	4.4	1.9	7.5	4.6	1.9	7.6	4.7	2.0		
	Medium	1570	18	9	4.2	1.7	1.3	4.3	1.8	1.3	4.3	1.8	1.3	4.4	1.9	1.4	4.4	1.9	1.4
				12	4.3	1.1	1.4	4.4	1.1	1.4	4.5	1.2	1.4	4.5	1.2	1.4	4.6	1.2	1.5
				15	5.2	1.1	1.5	5.3	1.2	1.5	5.4	1.2	1.5	5.5	1.2	1.6	5.6	1.3	1.6
			21	12	5.2	2.6	1.6	5.3	2.7	1.6	5.4	2.7	1.6	5.5	2.8	1.6	5.5	2.9	1.7
				15	5.3	2.1	1.6	5.4	2.2	1.6	5.5	2.2	1.7	5.6	2.3	1.7	5.7	2.4	1.7
19				6.2	1.7	1.7	6.3	1.7	1.7	6.4	1.8	1.8	6.5	1.8	1.8	6.6	1.9	1.8	
24			16	5.6	2.7	1.6	5.7	2.7	1.6	5.7	2.8	1.6	5.8	2.9	1.7	5.9	3.0	1.7	
			19	6.3	2.6	1.7	6.4	2.7	1.8	6.5	2.7	1.8	6.6	2.8	1.8	6.7	2.9	1.9	
			23	6.2	1.2	1.8	6.3	1.2	1.8	6.4	1.3	1.9	6.5	1.3	1.9	6.6	1.4	1.9	
27			16	5.8	3.3	1.7	5.9	3.4	1.7	6.0	3.5	1.8	6.1	3.6	1.8	6.2	3.7	1.8	
			19	6.5	3.3	1.7	6.6	3.4	1.8	6.7	3.5	1.8	6.8	3.6	1.8	6.9	3.7	1.9	
			23	6.9	2.2	1.8	7.0	2.3	1.8	7.1	2.4	1.8	7.2	2.4	1.9	7.3	2.5	1.9	
29		19	6.6	3.5	1.8	6.7	3.6	1.8	6.8	3.7	1.8	6.9	3.8	1.9	7.0	3.9	1.9		
		30	16	6.1	3.7	1.7	6.2	3.8	1.7	6.3	3.9	1.8	6.4	4.0	1.8	6.5	4.1	1.8	
			19	6.7	3.8	1.8	6.8	3.9	1.8	6.9	4.0	1.8	7.0	4.1	1.9	7.1	4.2	1.9	
23			7.0	3.1	1.8	7.1	3.2	1.8	7.2	3.3	1.9	7.3	3.4	1.9	7.4	3.5	1.9		
32		16	6.4	4.0	1.7	6.5	4.1	1.8	6.6	4.2	1.8	6.7	4.4	1.8	6.8	4.5	1.9		
		19	6.9	4.2	1.8	7.0	4.3	1.8	7.1	4.5	1.8	7.2	4.6	1.9	7.3	4.7	1.9		
		23	7.2	3.9	1.8	7.3	4.0	1.9	7.4	4.1	1.9	7.5	4.3	1.9	7.6	4.4	2.0		
Low		1500	18	9	4.0	1.5	1.3	4.0	1.6	1.3	4.1	1.6	1.3	4.2	1.7	1.3	4.2	1.7	1.4
				12	4.1	1.0	1.3	4.2	1.0	1.4	4.3	1.1	1.4	4.3	1.1	1.4	4.4	1.1	1.4
				15	5.0	1.0	1.5	5.0	1.1	1.5	5.1	1.1	1.5	5.2	1.1	1.6	5.3	1.2	1.6
			21	12	4.9	2.4	1.5	5.0	2.4	1.6	5.1	2.5	1.6	5.2	2.6	1.6	5.2	2.6	1.7
				15	5.1	1.9	1.6	5.1	2.0	1.6	5.2	2.0	1.6	5.3	2.1	1.7	5.4	2.2	1.7
	19			5.9	1.5	1.7	6.0	1.6	1.7	6.1	1.6	1.8	6.2	1.7	1.8	6.2	1.7	1.8	
	24		16	5.3	2.4	1.6	5.4	2.5	1.6	5.5	2.6	1.6	5.5	2.6	1.7	5.6	2.7	1.7	
			19	6.0	2.3	1.7	6.1	2.4	1.7	6.2	2.5	1.8	6.3	2.6	1.8	6.4	2.6	1.8	
			23	5.9	1.1	1.8	6.0	1.1	1.8	6.1	1.2	1.8	6.2	1.2	1.9	6.3	1.2	1.9	
	27		16	5.5	3.0	1.7	5.6	3.1	1.7	5.7	3.2	1.7	5.8	3.3	1.8	5.9	3.4	1.8	
			19	6.1	3.0	1.7	6.2	3.1	1.8	6.3	3.2	1.8	6.4	3.3	1.8	6.5	3.3	1.9	
			23	6.5	2.0	1.8	6.6	2.1	1.8	6.7	2.1	1.8	6.8	2.2	1.9	6.9	2.3	1.9	
	29	19	6.3	3.2	1.7	6.4	3.3	1.8	6.5	3.4	1.8	6.5	3.5	1.8	6.6	3.6	1.9		
		30	16	5.8	3.4	1.7	5.9	3.5	1.7	6.0	3.6	1.8	6.1	3.7	1.8	6.2	3.8	1.8	
			19	6.3	3.4	1.7	6.4	3.5	1.8	6.5	3.6	1.8	6.6	3.7	1.8	6.7	3.8	1.9	
	23		6.6	2.8	1.8	6.7	2.9	1.8	6.8	3.0	1.8	6.9	3.0	1.9	7.0	3.1	1.9		
	32	16	6.1	3.6	1.7	6.2	3.7	1.8	6.3	3.9	1.8	6.4	4.0	1.8	6.5	4.1	1.9		
		19	6.5	3.8	1.8	6.6	3.9	1.8	6.7	4.1	1.8	6.8	4.2	1.9	6.9	4.3	1.9		
		23	7.2	3.7	1.8	7.3	3.8	1.9	7.4	4.0	1.9	7.5	4.1	1.9	7.6	4.2	2.0		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				5			10			15			18			21			25				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1660	18	9	4.6	2.2	1.4	4.7	2.2	1.4	4.7	2.3	1.5	4.9	2.4	1.5	5.2	2.7	1.7	6.0	3.3	1.8		
			12	4.8	1.4	1.5	4.8	1.4	1.5	4.9	1.5	1.5	5.0	1.5	1.6	5.4	1.7	1.7	6.3	2.2	1.9		
			15	5.8	1.4	1.6	5.8	1.5	1.7	5.9	1.5	1.7	6.1	1.6	1.8	6.5	1.8	1.9	7.5	2.2	2.0		
		21	12	5.7	3.3	1.7	5.8	3.4	1.7	5.9	3.4	1.8	6.0	3.6	1.9	6.5	4.1	2.0	7.5	5.0	2.1		
			15	5.9	2.7	1.8	5.9	2.7	1.8	6.0	2.8	1.8	6.2	2.9	1.9	6.6	3.3	2.0	7.7	4.1	2.2		
			19	6.8	2.1	1.9	6.9	2.2	1.9	7.0	2.2	2.0	7.2	2.3	2.0	7.7	2.6	2.2	8.9	3.2	2.4		
		24	16	6.1	3.4	1.8	6.2	3.4	1.8	6.3	3.5	1.8	6.5	3.7	1.9	6.9	4.2	2.0	8.0	5.1	2.2		
			19	7.0	3.3	1.9	7.1	3.3	1.9	7.2	3.4	2.0	7.4	3.6	2.1	7.8	4.1	2.2	9.1	5.0	2.4		
			23	6.8	1.5	2.0	6.9	1.6	2.0	7.0	1.6	2.0	7.2	1.7	2.1	7.7	1.9	2.3	8.9	2.3	2.5		
		27	16	6.4	4.2	1.9	6.5	4.3	1.9	6.6	4.4	1.9	6.8	4.6	2.0	7.2	5.2	2.2	8.4	6.4	2.3		
			19	7.1	4.2	1.9	7.2	4.3	2.0	7.3	4.4	2.0	7.5	4.6	2.1	8.0	5.2	2.2	9.3	6.4	2.4		
			23	7.5	2.8	2.0	7.6	2.9	2.0	7.7	3.0	2.0	8.0	3.1	2.1	8.5	3.5	2.3	9.9	4.3	2.5		
		29	19	7.2	4.4	1.9	7.3	4.6	2.0	7.4	4.7	2.0	7.7	4.9	2.1	8.2	5.5	2.3	9.5	6.8	2.4		
			16	6.7	4.7	1.9	6.8	4.8	1.9	6.9	4.9	1.9	7.1	5.1	2.0	7.6	5.8	2.2	8.8	7.2	2.4		
			19	7.3	4.8	1.9	7.4	4.9	2.0	7.5	5.0	2.0	7.7	5.2	2.1	8.2	5.9	2.3	9.6	7.3	2.4		
		30	23	7.7	3.9	2.0	7.8	4.0	2.0	7.9	4.1	2.1	8.1	4.3	2.1	8.7	4.8	2.3	10.1	6.0	2.5		
			16	7.1	5.1	1.9	7.2	5.2	2.0	7.3	5.3	2.0	7.5	5.6	2.1	8.0	6.3	2.2	9.3	7.7	2.4		
			19	7.5	5.3	2.0	7.6	5.5	2.0	7.7	5.6	2.0	8.0	5.8	2.1	8.5	6.6	2.3	9.9	8.2	2.5		
		32	23	7.8	4.8	2.0	7.9	5.0	2.0	8.0	5.1	2.1	8.2	5.3	2.1	8.7	6.0	2.3	10.2	7.4	2.5		
			9	4.5	2.0	1.4	4.6	2.0	1.4	4.6	2.1	1.5	4.8	2.2	1.5	5.1	2.4	1.6	5.9	3.0	1.8		
			12	4.7	1.3	1.5	4.7	1.3	1.5	4.8	1.4	1.5	4.9	1.4	1.6	5.3	1.6	1.7	6.1	2.0	1.8		
		Medium	1570	18	15	5.6	1.3	1.6	5.7	1.4	1.6	5.8	1.4	1.7	6.0	1.4	1.8	6.4	1.6	1.9	7.4	2.0	2.0
					12	5.6	3.0	1.7	5.7	3.1	1.7	5.8	3.1	1.8	5.9	3.3	1.8	6.3	3.7	2.0	7.3	4.6	2.1
					15	5.7	2.4	1.7	5.8	2.5	1.8	5.9	2.6	1.8	6.1	2.7	1.9	6.5	3.0	2.0	7.5	3.7	2.2
21	19			6.7	1.9	1.9	6.8	2.0	1.9	6.9	2.0	1.9	7.1	2.1	2.0	7.5	2.4	2.2	8.7	2.9	2.3		
	16			6.0	3.1	1.7	6.1	3.1	1.8	6.2	3.2	1.8	6.3	3.4	1.9	6.8	3.8	2.0	7.9	4.7	2.2		
	19			6.8	3.0	1.9	6.9	3.0	1.9	7.0	3.1	2.0	7.2	3.3	2.0	7.7	3.7	2.2	8.9	4.5	2.4		
24	23			6.7	1.4	2.0	6.8	1.4	2.0	6.9	1.5	2.0	7.1	1.5	2.1	7.5	1.7	2.3	8.8	2.1	2.5		
	16			6.3	3.8	1.8	6.4	3.9	1.9	6.4	4.0	1.9	6.6	4.2	2.0	7.1	4.7	2.2	8.2	5.8	2.3		
	19			7.0	3.8	1.9	7.1	3.9	1.9	7.2	4.0	2.0	7.4	4.2	2.1	7.8	4.7	2.2	9.1	5.8	2.4		
27	23			7.4	2.6	1.9	7.5	2.6	2.0	7.6	2.7	2.0	7.8	2.8	2.1	8.3	3.2	2.3	9.7	3.9	2.4		
	19			7.1	4.1	1.9	7.2	4.2	2.0	7.3	4.3	2.0	7.5	4.5	2.1	8.0	5.0	2.2	9.3	6.2	2.4		
	16			6.6	4.3	1.9	6.7	4.4	1.9	6.8	4.5	1.9	7.0	4.7	2.0	7.4	5.3	2.2	8.6	6.5	2.3		
30	19			7.2	4.3	1.9	7.3	4.4	2.0	7.4	4.6	2.0	7.6	4.8	2.1	8.1	5.4	2.2	9.4	6.6	2.4		
	23			7.5	3.5	2.0	7.6	3.6	2.0	7.7	3.7	2.0	7.9	3.9	2.1	8.5	4.4	2.3	9.9	5.4	2.5		
	16			6.9	4.6	1.9	7.0	4.7	1.9	7.1	4.9	2.0	7.3	5.1	2.1	7.8	5.7	2.2	9.1	7.1	2.4		
32	19			7.4	4.9	1.9	7.5	5.0	2.0	7.6	5.1	2.0	7.8	5.3	2.1	8.3	6.0	2.3	9.7	7.4	2.4		
	23			7.8	4.5	2.0	7.9	4.6	2.0	8.0	4.7	2.1	8.2	4.9	2.1	8.7	5.6	2.3	10.2	6.9	2.5		
	9			4.3	1.8	1.4	4.3	1.8	1.4	4.4	1.9	1.4	4.5	2.0	1.5	4.8	2.2	1.6	5.6	2.7	1.7		
Low	1500			18	12	4.4	1.2	1.5	4.5	1.2	1.5	4.6	1.2	1.5	4.7	1.3	1.6	5.0	1.4	1.7	5.8	1.8	1.8
					15	5.3	1.2	1.6	5.4	1.2	1.6	5.5	1.3	1.7	5.6	1.3	1.7	6.0	1.5	1.9	7.0	1.8	2.0
					12	5.3	2.7	1.7	5.4	2.8	1.7	5.5	2.9	1.7	5.6	3.0	1.8	6.0	3.4	2.0	7.0	4.1	2.1
				21	15	5.5	2.2	1.7	5.5	2.3	1.7	5.6	2.3	1.8	5.8	2.4	1.9	6.1	2.8	2.0	7.1	3.4	2.2
					19	6.3	1.7	1.8	6.4	1.8	1.9	6.5	1.8	1.9	6.7	1.9	2.0	7.1	2.2	2.2	8.3	2.7	2.3
					16	5.7	2.8	1.7	5.8	2.9	1.7	5.9	2.9	1.8	6.0	3.0	1.9	6.4	3.5	2.0	7.5	4.3	2.1
		24	19	6.5	2.7	1.9	6.6	2.8	1.9	6.7	2.8	1.9	6.8	3.0	2.0	7.3	3.4	2.2	8.5	4.1	2.3		
			23	6.3	1.3	1.9	6.4	1.3	2.0	6.5	1.3	2.0	6.7	1.4	2.1	7.1	1.6	2.3	8.3	1.9	2.4		
			16	5.9	3.5	1.8	6.0	3.6	1.9	6.1	3.7	1.9	6.3	3.8	2.0	6.7	4.3	2.1	7.8	5.3	2.3		
		27	19	6.6	3.4	1.9	6.7	3.5	1.9	6.8	3.6	2.0	7.0	3.8	2.0	7.4	4.3	2.2	8.6	5.3	2.4		
			23	7.0	2.3	1.9	7.1	2.4	2.0	7.2	2.5	2.0	7.4	2.6	2.1	7.9	2.9	2.2	9.2	3.6	2.4		
			19	6.7	3.7	1.9	6.8	3.8	1.9	6.9	3.9	2.0	7.1	4.0	2.1	7.6	4.6	2.2	8.8	5.6	2.4		
		29	16	6.3	3.9	1.8	6.3	4.0	1.9	6.4	4.1	1.9	6.6	4.2	2.0	7.1	4.8	2.2	8.2	5.9	2.3		
			19	6.8	3.9	1.9	6.9	4.0	1.9	7.0	4.1	2.0	7.2	4.3	2.1	7.7	4.9	2.2	8.9	6.0	2.4		
			23	7.1	3.2	1.9	7.2	3.3	2.0	7.3	3.4	2.0	7.5	3.5	2.1	8.0	4.0	2.3	9.4	4.9	2.4		
		30	16	6.6	4.2	1.9	6.7	4.3	1.9	6.8	4.4	1.9	6.9	4.6	2.0	7.4	5.2	2.2	8.6	6.4	2.4		
			19	7.0	4.4	1.9	7.1	4.5	2.0	7.2	4.7	2.0	7.4	4.8	2.1	7.9	5.5	2.2	9.2	6.8	2.4		
			23	7.8	4.3	2.0	7.9	4.4	2.0	8.0	4.5	2.1	8.2	4.7	2.1	8.7	5.3	2.3	10.2	6.6	2.5		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
		DB(°C)	WB(°C)	30			35			39			43			46			48				
				TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1660	18	9	6.3	3.6	2.0	6.5	3.9	2.4	6.4	3.9	2.6	5.2	3.2	2.1	4.9	3.1	2.0	4.5	3.0	2.1		
			12	6.5	2.4	2.1	6.7	2.6	2.5	6.6	2.5	2.7	5.4	2.1	2.2	5.0	2.0	2.1	4.7	1.9	2.2		
			15	7.9	2.4	2.3	8.1	2.6	2.7	7.9	2.6	3.0	6.5	2.2	2.5	6.1	2.1	2.3	5.7	2.0	2.4		
		21	12	7.8	5.5	2.4	8.1	6.0	2.9	7.9	5.9	3.1	6.5	4.9	2.6	6.0	4.7	2.4	5.6	4.5	2.5		
			15	8.0	4.5	2.5	8.3	4.9	2.9	8.1	4.8	3.2	6.6	4.0	2.6	6.2	3.8	2.5	5.8	3.7	2.5		
			19	9.3	3.6	2.7	9.6	3.9	3.1	9.4	3.8	3.4	7.7	3.2	2.8	7.2	3.0	2.7	6.7	2.9	2.7		
		24	16	8.4	5.7	2.5	8.6	6.1	2.9	8.5	6.1	3.2	6.9	5.1	2.6	6.5	4.8	2.5	6.0	4.6	2.5		
			19	9.5	5.5	2.7	9.8	6.0	3.2	9.6	5.9	3.5	7.8	4.9	2.9	7.4	4.7	2.7	6.9	4.5	2.8		
			23	9.3	2.6	2.8	9.6	2.8	3.3	9.4	2.8	3.6	7.7	2.3	3.0	7.2	2.2	2.8	6.7	2.1	2.9		
		27	16	8.7	7.1	2.6	9.0	7.7	3.1	8.8	7.6	3.4	7.2	6.3	2.8	6.8	6.0	2.6	6.3	5.7	2.7		
			19	9.7	7.0	2.7	10.0	7.6	3.2	9.8	7.5	3.5	8.0	6.3	2.9	7.5	6.0	2.7	7.0	5.7	2.8		
			23	10.3	4.8	2.8	10.6	5.2	3.3	10.4	5.1	3.6	8.5	4.2	2.9	8.0	4.1	2.8	7.4	3.9	2.8		
		29	19	9.9	7.5	2.8	10.2	8.1	3.2	10.0	8.1	3.5	8.2	6.7	2.9	7.7	6.4	2.8	7.1	6.1	2.8		
			16	9.2	7.9	2.7	9.5	8.6	3.1	9.3	8.5	3.4	7.6	7.0	2.8	7.1	6.7	2.7	6.6	6.4	2.7		
			19	10.0	8.0	2.8	10.3	8.7	3.2	10.1	8.6	3.5	8.2	7.2	2.9	7.7	6.8	2.8	7.2	6.5	2.8		
		30	23	10.5	6.6	2.8	10.8	7.1	3.3	10.6	7.0	3.6	8.7	5.9	3.0	8.1	5.6	2.8	7.6	5.3	2.9		
			16	9.7	8.5	2.7	10.0	9.3	3.2	9.8	9.2	3.5	8.0	7.6	2.9	7.5	7.3	2.7	7.0	6.9	2.8		
			19	10.3	9.0	2.8	10.6	9.7	3.3	10.4	9.6	3.6	8.5	8.0	2.9	8.0	7.7	2.8	7.4	7.3	2.8		
		32	23	10.6	8.1	2.8	10.9	8.8	3.3	10.7	8.7	3.6	8.7	7.3	3.0	8.2	7.0	2.8	7.6	6.6	2.9		
			16	9.7	8.5	2.7	10.0	9.3	3.2	9.8	9.2	3.5	8.0	7.6	2.9	7.5	7.3	2.7	7.0	6.9	2.8		
			19	10.3	9.0	2.8	10.6	9.7	3.3	10.4	9.6	3.6	8.5	8.0	2.9	8.0	7.7	2.8	7.4	7.3	2.8		
		Medium	1570	18	9	6.2	3.3	2.0	6.4	3.6	2.4	6.2	3.6	2.6	5.1	3.0	2.1	4.8	2.8	2.0	4.4	2.7	2.0
					12	6.4	2.2	2.1	6.6	2.3	2.5	6.5	2.3	2.7	5.3	1.9	2.2	4.9	1.8	2.1	4.6	1.8	2.1
					15	7.7	2.2	2.3	7.9	2.4	2.7	7.8	2.4	2.9	6.4	2.0	2.4	6.0	1.9	2.3	5.6	1.8	2.4
21	12			7.7	5.0	2.4	7.9	5.4	2.8	7.7	5.4	3.1	6.3	4.5	2.6	5.9	4.3	2.4	5.5	4.1	2.5		
	15			7.8	4.1	2.5	8.1	4.5	2.9	7.9	4.4	3.2	6.5	3.7	2.6	6.1	3.5	2.5	5.7	3.3	2.5		
	19			9.1	3.2	2.6	9.4	3.5	3.1	9.2	3.5	3.4	7.5	2.9	2.8	7.1	2.8	2.6	6.6	2.6	2.7		
24	16			8.2	5.2	2.5	8.5	5.6	2.9	8.3	5.5	3.2	6.8	4.6	2.6	6.3	4.4	2.5	5.9	4.2	2.5		
	19			9.3	5.0	2.7	9.6	5.4	3.1	9.4	5.4	3.4	7.7	4.5	2.8	7.2	4.3	2.7	6.7	4.1	2.7		
	23			9.1	2.4	2.8	9.4	2.6	3.3	9.2	2.5	3.6	7.5	2.1	2.9	7.1	2.0	2.8	6.6	1.9	2.8		
27	16			8.6	6.4	2.6	8.8	7.0	3.1	8.6	6.9	3.4	7.1	5.8	2.8	6.6	5.5	2.6	6.2	5.2	2.7		
	19			9.5	6.4	2.7	9.8	6.9	3.2	9.6	6.9	3.5	7.8	5.7	2.9	7.4	5.5	2.7	6.9	5.2	2.8		
	23			10.1	4.3	2.8	10.4	4.7	3.2	10.2	4.7	3.5	8.3	3.9	2.9	7.8	3.7	2.8	7.3	3.5	2.8		
29	19			9.7	6.8	2.7	10.0	7.4	3.2	9.8	7.3	3.5	8.0	6.1	2.9	7.5	5.8	2.7	7.0	5.6	2.8		
	16			9.0	7.2	2.6	9.3	7.8	3.1	9.1	7.7	3.4	7.4	6.4	2.8	7.0	6.1	2.6	6.5	5.8	2.7		
	19			9.8	7.3	2.7	10.1	7.9	3.2	9.9	7.8	3.5	8.1	6.5	2.9	7.6	6.2	2.7	7.1	5.9	2.8		
30	23			10.3	6.0	2.8	10.6	6.5	3.3	10.4	6.4	3.6	8.5	5.3	2.9	7.9	5.1	2.8	7.4	4.9	2.8		
	16			9.5	7.8	2.7	9.8	8.4	3.2	9.6	8.3	3.5	7.8	7.0	2.9	7.3	6.6	2.7	6.8	6.3	2.8		
	19			10.1	8.2	2.8	10.4	8.9	3.2	10.2	8.8	3.5	8.3	7.3	2.9	7.8	7.0	2.8	7.3	6.7	2.8		
32	23			10.6	7.6	2.8	10.9	8.2	3.3	10.7	8.1	3.6	8.7	6.8	3.0	8.2	6.5	2.8	7.6	6.2	2.9		
	16			9.7	8.5	2.7	10.0	9.3	3.2	9.8	9.2	3.5	8.0	7.6	2.9	7.5	7.3	2.7	7.0	6.9	2.8		
	19			10.3	9.0	2.8	10.6	9.7	3.3	10.4	9.6	3.6	8.5	8.0	2.9	8.0	7.7	2.8	7.4	7.3	2.8		
Low	1500			18	9	5.8	3.0	2.0	6.0	3.3	2.3	5.9	3.2	2.5	4.8	2.7	2.1	4.5	2.6	2.0	4.2	2.4	2.0
					12	6.1	2.0	2.1	6.3	2.1	2.4	6.1	2.1	2.7	5.0	1.8	2.2	4.7	1.7	2.1	4.4	1.6	2.1
					15	7.3	2.0	2.3	7.5	2.2	2.7	7.4	2.2	2.9	6.0	1.8	2.4	5.6	1.7	2.3	5.3	1.6	2.3
		21	12	7.3	4.6	2.4	7.5	4.9	2.8	7.3	4.9	3.1	6.0	4.1	2.5	5.6	3.9	2.4	5.2	3.7	2.4		
			15	7.4	3.7	2.4	7.7	4.0	2.9	7.5	4.0	3.1	6.1	3.3	2.6	5.8	3.2	2.4	5.4	3.0	2.5		
			19	8.7	2.9	2.6	8.9	3.2	3.1	8.7	3.2	3.4	7.1	2.6	2.8	6.7	2.5	2.6	6.2	2.4	2.7		
		24	16	7.8	4.7	2.4	8.0	5.1	2.9	7.9	5.0	3.1	6.4	4.2	2.6	6.0	4.0	2.4	5.6	3.8	2.5		
			19	8.8	4.5	2.6	9.1	4.9	3.1	8.9	4.9	3.4	7.3	4.1	2.8	6.8	3.9	2.6	6.4	3.7	2.7		
			23	8.7	2.1	2.8	8.9	2.3	3.2	8.8	2.3	3.5	7.1	1.9	2.9	6.7	1.8	2.8	6.3	1.7	2.8		
		27	16	8.1	5.8	2.6	8.4	6.3	3.1	8.2	6.3	3.3	6.7	5.2	2.7	6.3	5.0	2.6	5.9	4.7	2.7		
			19	9.0	5.8	2.7	9.3	6.3	3.1	9.1	6.2	3.4	7.4	5.2	2.8	7.0	5.0	2.7	6.5	4.7	2.7		
			23	9.6	3.9	2.7	9.9	4.3	3.2	9.7	4.2	3.5	7.9	3.5	2.9	7.4	3.4	2.7	6.9	3.2	2.8		
		29	19	9.2	6.2	2.7	9.5	6.7	3.2	9.3	6.7	3.5	7.6	5.6	2.9	7.1	5.3	2.7	6.6	5.0	2.8		
			16	8.5	6.5	2.6	8.8	7.1	3.1	8.6	7.0	3.4	7.1	5.8	2.8	6.6	5.6	2.6	6.2	5.3	2.7		
			19	9.3	6.6	2.7	9.6	7.2	3.2	9.4	7.1	3.5	7.7	5.9	2.9	7.2	5.7	2.7	6.7	5.4	2.8		
		30	23	9.8	5.4	2.8	10.1	5.9	3.2	9.9	5.8	3.5	8.0	4.9	2.9	7.5	4.6	2.8	7.0	4.4	2.8		
			16	9.0	7.1	2.7	9.3	7.7	3.1	9.1	7.6	3.4	7.4	6.3	2.8	6.9	6.0	2.7	6.5	5.7	2.7		
			19	9.6	7.4	2.7	9.9	8.1	3.2	9.7	8.0	3.5	7.9	6.6	2.9	7.4	6.4	2.7	6.9	6.0	2.8		
		32	23	10.6	7.2	2.8	10.9	7.9	3.3	10.7	7.8	3.6	8.7	6.5	3.0	8.2	6.2	2.8	7.6	5.9	2.9		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD42NK3C1O/GUHD42NM3C1O Indoor Unit:GKH42K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)															
				-15			-10			-7			-5			0			
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	1660	18	9	4.7	2.1	1.4	4.8	2.1	1.4	4.8	2.2	1.4	4.9	2.2	1.5	5.0	2.3	1.5	
			12	4.9	1.3	1.5	5.0	1.4	1.5	5.0	1.4	1.5	5.1	1.5	1.5	5.2	1.5	1.6	
			15	5.9	1.4	1.6	6.0	1.4	1.6	6.1	1.5	1.7	6.1	1.5	1.7	6.2	1.5	1.7	
		21	12	5.9	3.1	1.7	5.9	3.2	1.7	6.0	3.3	1.7	6.1	3.4	1.8	6.2	3.5	1.8	
			15	6.0	2.6	1.7	6.1	2.6	1.7	6.2	2.7	1.8	6.3	2.8	1.8	6.4	2.9	1.8	
			19	7.0	2.0	1.8	7.1	2.1	1.9	7.2	2.1	1.9	7.3	2.2	1.9	7.4	2.3	2.0	
		24	16	6.3	3.2	1.7	6.4	3.3	1.7	6.5	3.4	1.8	6.5	3.5	1.8	6.6	3.6	1.8	
			19	7.1	3.1	1.9	7.2	3.2	1.9	7.3	3.3	1.9	7.4	3.4	2.0	7.5	3.5	2.0	
			23	7.0	1.5	1.9	7.1	1.5	2.0	7.2	1.6	2.0	7.3	1.6	2.0	7.4	1.6	2.1	
		27	16	6.5	4.0	1.8	6.6	4.1	1.9	6.7	4.2	1.9	6.8	4.4	1.9	6.9	4.5	2.0	
			19	7.3	4.0	1.9	7.4	4.1	1.9	7.5	4.2	2.0	7.6	4.3	2.0	7.7	4.4	2.0	
			23	7.7	2.7	1.9	7.8	2.8	2.0	7.9	2.9	2.0	8.0	2.9	2.0	8.2	3.0	2.1	
		29	19	7.4	4.3	1.9	7.5	4.4	1.9	7.6	4.5	2.0	7.7	4.6	2.0	7.9	4.8	2.0	
			30	16	6.9	4.5	1.8	7.0	4.6	1.9	7.1	4.7	1.9	7.2	4.9	1.9	7.3	5.0	2.0
				19	7.5	4.5	1.9	7.6	4.7	1.9	7.7	4.8	2.0	7.8	4.9	2.0	7.9	5.1	2.0
		23		7.9	3.7	1.9	8.0	3.8	2.0	8.1	3.9	2.0	8.2	4.1	2.0	8.3	4.2	2.1	
		32	16	7.2	4.8	1.9	7.3	5.0	1.9	7.5	5.1	2.0	7.6	5.3	2.0	7.7	5.4	2.0	
			19	7.7	5.1	1.9	7.8	5.2	2.0	7.9	5.4	2.0	8.0	5.5	2.0	8.2	5.7	2.1	
23	7.9		4.6	1.9	8.0	4.8	2.0	8.2	4.9	2.0	8.3	5.0	2.0	8.4	5.2	2.1			
Medium	1570	18	9	4.6	1.9	1.4	4.7	1.9	1.4	4.8	2.0	1.4	4.8	2.0	1.5	4.9	2.1	1.5	
			12	4.8	1.2	1.4	4.9	1.3	1.5	4.9	1.3	1.5	5.0	1.3	1.5	5.1	1.4	1.5	
			15	5.8	1.3	1.6	5.9	1.3	1.6	5.9	1.3	1.6	6.0	1.4	1.7	6.1	1.4	1.7	
		21	12	5.7	2.8	1.7	5.8	2.9	1.7	5.9	3.0	1.7	6.0	3.1	1.8	6.1	3.2	1.8	
			15	5.9	2.3	1.7	6.0	2.4	1.7	6.1	2.5	1.8	6.1	2.5	1.8	6.2	2.6	1.8	
			19	6.8	1.8	1.8	6.9	1.9	1.9	7.0	2.0	1.9	7.1	2.0	1.9	7.2	2.1	2.0	
		24	16	6.1	2.9	1.7	6.2	3.0	1.7	6.3	3.1	1.8	6.4	3.2	1.8	6.5	3.3	1.8	
			19	7.0	2.8	1.8	7.1	2.9	1.9	7.2	3.0	1.9	7.3	3.1	1.9	7.4	3.2	2.0	
			23	6.8	1.3	1.9	6.9	1.4	2.0	7.0	1.4	2.0	7.1	1.5	2.0	7.2	1.5	2.1	
		27	16	6.4	3.6	1.8	6.5	3.8	1.8	6.6	3.9	1.9	6.7	4.0	1.9	6.8	4.1	1.9	
			19	7.1	3.6	1.9	7.2	3.7	1.9	7.3	3.8	1.9	7.4	3.9	2.0	7.5	4.1	2.0	
			23	7.5	2.5	1.9	7.7	2.5	1.9	7.8	2.6	2.0	7.9	2.7	2.0	8.0	2.7	2.0	
		29	19	7.3	3.9	1.9	7.4	4.0	1.9	7.5	4.1	2.0	7.6	4.2	2.0	7.7	4.3	2.0	
			30	16	6.7	4.1	1.8	6.8	4.2	1.9	6.9	4.3	1.9	7.0	4.4	1.9	7.2	4.6	2.0
				19	7.3	4.1	1.9	7.4	4.3	1.9	7.6	4.4	2.0	7.7	4.5	2.0	7.8	4.6	2.0
		23		7.7	3.4	1.9	7.8	3.5	2.0	7.9	3.6	2.0	8.0	3.7	2.0	8.2	3.8	2.1	
		32	16	7.1	4.4	1.9	7.2	4.5	1.9	7.3	4.7	1.9	7.4	4.8	2.0	7.5	4.9	2.0	
			19	7.5	4.6	1.9	7.7	4.8	1.9	7.8	4.9	2.0	7.9	5.1	2.0	8.0	5.2	2.0	
23	7.9		4.3	1.9	8.0	4.4	2.0	8.2	4.5	2.0	8.3	4.7	2.0	8.4	4.8	2.1			
Low	1500	18	9	4.4	1.7	1.4	4.4	1.8	1.4	4.5	1.8	1.4	4.6	1.9	1.4	4.6	1.9	1.5	
			12	4.5	1.1	1.4	4.6	1.1	1.5	4.7	1.2	1.5	4.7	1.2	1.5	4.8	1.2	1.5	
			15	5.5	1.1	1.6	5.6	1.2	1.6	5.6	1.2	1.6	5.7	1.2	1.7	5.8	1.3	1.7	
		21	12	5.4	2.6	1.6	5.5	2.7	1.7	5.6	2.7	1.7	5.7	2.8	1.7	5.8	2.9	1.8	
			15	5.6	2.1	1.7	5.7	2.2	1.7	5.7	2.2	1.7	5.8	2.3	1.8	5.9	2.4	1.8	
			19	6.5	1.7	1.8	6.6	1.7	1.8	6.7	1.8	1.9	6.8	1.8	1.9	6.9	1.9	1.9	
		24	16	5.8	2.7	1.7	5.9	2.7	1.7	6.0	2.8	1.7	6.1	2.9	1.8	6.2	3.0	1.8	
			19	6.6	2.6	1.8	6.7	2.7	1.9	6.8	2.7	1.9	6.9	2.8	1.9	7.0	2.9	2.0	
			23	6.5	1.2	1.9	6.6	1.2	1.9	6.7	1.3	2.0	6.8	1.3	2.0	6.9	1.4	2.0	
		27	16	6.1	3.3	1.8	6.2	3.4	1.8	6.3	3.5	1.9	6.4	3.6	1.9	6.4	3.7	1.9	
			19	6.8	3.3	1.8	6.9	3.4	1.9	7.0	3.5	1.9	7.1	3.6	1.9	7.2	3.7	2.0	
			23	7.2	2.2	1.9	7.3	2.3	1.9	7.4	2.4	2.0	7.5	2.4	2.0	7.6	2.5	2.0	
		29	19	6.9	3.5	1.9	7.0	3.6	1.9	7.1	3.7	1.9	7.2	3.8	2.0	7.3	3.9	2.0	
			30	16	6.4	3.7	1.8	6.5	3.8	1.8	6.6	3.9	1.9	6.7	4.0	1.9	6.8	4.1	1.9
				19	7.0	3.8	1.9	7.1	3.9	1.9	7.2	4.0	1.9	7.3	4.1	2.0	7.4	4.2	2.0
		23		7.3	3.1	1.9	7.4	3.2	1.9	7.5	3.3	2.0	7.6	3.4	2.0	7.7	3.4	2.0	
		32	16	6.7	4.0	1.8	6.8	4.1	1.9	6.9	4.2	1.9	7.0	4.4	1.9	7.1	4.5	2.0	
			19	7.2	4.2	1.9	7.3	4.3	1.9	7.4	4.5	2.0	7.5	4.6	2.0	7.6	4.7	2.0	
23	7.9		4.1	1.9	8.0	4.2	2.0	8.2	4.4	2.0	8.3	4.5	2.0	8.4	4.6	2.1			

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				5			10			15			18			21			25				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1660	18	9	5.1	2.4	1.5	5.1	2.4	1.5	5.2	2.5	1.6	5.3	2.6	1.6	5.7	2.9	1.8	6.6	3.6	1.9		
			12	5.3	1.5	1.6	5.3	1.6	1.6	5.4	1.6	1.6	5.5	1.7	1.7	5.9	1.9	1.9	6.9	2.4	2.0		
			15	6.3	1.6	1.7	6.4	1.6	1.8	6.5	1.7	1.8	6.7	1.7	1.9	7.1	2.0	2.0	8.3	2.4	2.2		
		21	12	6.3	3.6	1.8	6.4	3.7	1.9	6.5	3.8	1.9	6.7	3.9	2.0	7.1	4.5	2.1	8.2	5.5	2.3		
			15	6.4	2.9	1.9	6.5	3.0	1.9	6.6	3.1	1.9	6.8	3.2	2.0	7.3	3.7	2.2	8.4	4.5	2.3		
			19	7.5	2.3	2.0	7.6	2.4	2.0	7.7	2.5	2.1	7.9	2.6	2.2	8.4	2.9	2.4	9.8	3.6	2.5		
		24	16	6.7	3.7	1.9	6.8	3.8	1.9	6.9	3.9	1.9	7.1	4.0	2.0	7.6	4.6	2.2	8.8	5.6	2.3		
			19	7.7	3.6	2.0	7.8	3.7	2.1	7.9	3.8	2.1	8.1	3.9	2.2	8.6	4.5	2.4	10.0	5.5	2.5		
			23	7.5	1.7	2.1	7.6	1.7	2.2	7.7	1.8	2.2	7.9	1.8	2.3	8.5	2.1	2.5	9.8	2.6	2.6		
		27	16	7.0	4.6	2.0	7.1	4.7	2.0	7.2	4.9	2.1	7.4	5.1	2.2	7.9	5.7	2.3	9.2	7.1	2.5		
			19	7.8	4.6	2.1	7.9	4.7	2.1	8.0	4.8	2.1	8.3	5.0	2.2	8.8	5.7	2.4	10.2	7.0	2.6		
			23	8.3	3.1	2.1	8.4	3.2	2.1	8.5	3.3	2.2	8.7	3.4	2.3	9.3	3.9	2.4	10.8	4.7	2.6		
		29	19	8.0	4.9	2.1	8.1	5.0	2.1	8.2	5.2	2.1	8.4	5.4	2.2	9.0	6.1	2.4	10.4	7.5	2.6		
			16	7.4	5.1	2.0	7.5	5.3	2.0	7.6	5.4	2.1	7.8	5.6	2.2	8.3	6.4	2.3	9.7	7.9	2.5		
			19	8.0	5.2	2.1	8.2	5.4	2.1	8.3	5.5	2.1	8.5	5.7	2.2	9.1	6.5	2.4	10.5	8.0	2.6		
		30	23	8.4	4.3	2.1	8.6	4.4	2.2	8.7	4.5	2.2	8.9	4.7	2.3	9.5	5.3	2.5	11.1	6.6	2.6		
			16	7.8	5.6	2.1	7.9	5.7	2.1	8.0	5.9	2.1	8.2	6.1	2.2	8.8	6.9	2.4	10.2	8.5	2.6		
			19	8.3	5.9	2.1	8.4	6.0	2.1	8.5	6.2	2.2	8.7	6.4	2.3	9.3	7.3	2.4	10.8	9.0	2.6		
		32	23	8.5	5.3	2.1	8.6	5.5	2.2	8.8	5.6	2.2	9.0	5.8	2.3	9.6	6.6	2.5	11.2	8.1	2.6		
			9	5.0	2.2	1.5	5.0	2.2	1.5	5.1	2.3	1.6	5.2	2.4	1.6	5.6	2.7	1.8	6.5	3.3	1.9		
			12	5.1	1.4	1.6	5.2	1.4	1.6	5.3	1.5	1.6	5.4	1.5	1.7	5.8	1.8	1.8	6.7	2.2	2.0		
		Medium	1570	18	15	6.2	1.5	1.7	6.3	1.5	1.8	6.4	1.5	1.8	6.5	1.6	1.9	7.0	1.8	2.0	8.1	2.2	2.2
					12	6.2	3.3	1.8	6.3	3.4	1.8	6.3	3.5	1.9	6.5	3.6	2.0	7.0	4.1	2.1	8.1	5.0	2.3
					15	6.3	2.7	1.9	6.4	2.8	1.9	6.5	2.8	1.9	6.7	2.9	2.0	7.1	3.3	2.2	8.3	4.1	2.3
21	19			7.3	2.1	2.0	7.5	2.2	2.0	7.6	2.2	2.1	7.8	2.3	2.2	8.3	2.6	2.3	9.6	3.2	2.5		
	16			6.6	3.4	1.9	6.7	3.5	1.9	6.8	3.5	1.9	7.0	3.7	2.0	7.4	4.2	2.2	8.6	5.1	2.3		
	19			7.5	3.3	2.0	7.6	3.4	2.0	7.7	3.4	2.1	7.9	3.6	2.2	8.5	4.1	2.4	9.8	5.0	2.5		
24	23			7.4	1.5	2.1	7.5	1.6	2.1	7.6	1.6	2.2	7.8	1.7	2.3	8.3	1.9	2.4	9.6	2.4	2.6		
	16			6.9	4.2	2.0	7.0	4.3	2.0	7.1	4.4	2.0	7.3	4.6	2.1	7.8	5.2	2.3	9.0	6.4	2.5		
	19			7.7	4.2	2.0	7.8	4.3	2.1	7.9	4.4	2.1	8.1	4.6	2.2	8.6	5.2	2.4	10.0	6.4	2.5		
27	23			8.1	2.8	2.1	8.2	2.9	2.1	8.3	3.0	2.1	8.6	3.1	2.2	9.1	3.5	2.4	10.6	4.3	2.6		
	19			7.8	4.5	2.1	7.9	4.6	2.1	8.0	4.7	2.1	8.2	4.9	2.2	8.8	5.5	2.4	10.2	6.8	2.6		
	16			7.3	4.7	2.0	7.4	4.8	2.0	7.5	4.9	2.1	7.7	5.1	2.2	8.2	5.8	2.3	9.5	7.2	2.5		
30	19			7.9	4.8	2.1	8.0	4.9	2.1	8.1	5.0	2.1	8.3	5.2	2.2	8.9	5.9	2.4	10.3	7.3	2.6		
	23			8.3	3.9	2.1	8.4	4.0	2.1	8.5	4.1	2.2	8.7	4.3	2.3	9.3	4.9	2.4	10.8	6.0	2.6		
	16			7.6	5.1	2.0	7.7	5.2	2.1	7.8	5.4	2.1	8.1	5.6	2.2	8.6	6.3	2.4	10.0	7.8	2.5		
32	19			8.1	5.3	2.1	8.2	5.5	2.1	8.3	5.6	2.1	8.6	5.9	2.2	9.1	6.6	2.4	10.6	8.2	2.6		
	23			8.5	4.9	2.1	8.6	5.1	2.2	8.8	5.2	2.2	9.0	5.4	2.3	9.6	6.1	2.5	11.2	7.6	2.6		
	9			4.7	2.0	1.5	4.8	2.0	1.5	4.8	2.1	1.5	5.0	2.2	1.6	5.3	2.4	1.7	6.2	3.0	1.9		
Low	1500			18	12	4.9	1.3	1.6	5.0	1.3	1.6	5.0	1.3	1.6	5.2	1.4	1.7	5.5	1.6	1.8	6.4	2.0	1.9
					15	5.9	1.3	1.7	6.0	1.4	1.7	6.0	1.4	1.8	6.2	1.4	1.9	6.6	1.6	2.0	7.7	2.0	2.1
					12	5.9	3.0	1.8	5.9	3.1	1.8	6.0	3.1	1.9	6.2	3.3	1.9	6.6	3.7	2.1	7.7	4.6	2.2
				21	15	6.0	2.4	1.8	6.1	2.5	1.9	6.2	2.6	1.9	6.3	2.7	2.0	6.8	3.0	2.1	7.9	3.7	2.3
					19	7.0	1.9	2.0	7.1	2.0	2.0	7.2	2.0	2.0	7.4	2.1	2.1	7.9	2.4	2.3	9.1	2.9	2.5
					16	6.3	3.1	1.8	6.4	3.1	1.9	6.4	3.2	1.9	6.6	3.4	2.0	7.1	3.8	2.1	8.2	4.7	2.3
		24	19	7.1	3.0	2.0	7.2	3.0	2.0	7.3	3.1	2.1	7.5	3.3	2.2	8.0	3.7	2.3	9.3	4.5	2.5		
			23	7.0	1.4	2.1	7.1	1.4	2.1	7.2	1.5	2.1	7.4	1.5	2.2	7.9	1.7	2.4	9.1	2.1	2.6		
			16	6.5	3.8	2.0	6.6	3.9	2.0	6.7	4.0	2.0	6.9	4.2	2.1	7.4	4.7	2.3	8.6	5.8	2.4		
		27	19	7.3	3.8	2.0	7.4	3.9	2.0	7.5	4.0	2.1	7.7	4.2	2.2	8.2	4.7	2.4	9.5	5.8	2.5		
			23	7.7	2.6	2.1	7.8	2.6	2.1	7.9	2.7	2.1	8.1	2.8	2.2	8.7	3.2	2.4	10.1	3.9	2.6		
			19	7.4	4.1	2.0	7.5	4.2	2.1	7.6	4.3	2.1	7.8	4.4	2.2	8.3	5.0	2.4	9.7	6.2	2.5		
		29	16	6.9	4.3	2.0	7.0	4.4	2.0	7.1	4.5	2.0	7.3	4.7	2.1	7.8	5.3	2.3	9.0	6.5	2.5		
			19	7.5	4.3	2.0	7.6	4.4	2.1	7.7	4.6	2.1	7.9	4.7	2.2	8.4	5.4	2.4	9.8	6.6	2.5		
			23	7.9	3.5	2.1	8.0	3.6	2.1	8.1	3.7	2.1	8.3	3.9	2.2	8.9	4.4	2.4	10.3	5.4	2.6		
		30	16	7.2	4.6	2.0	7.3	4.7	2.0	7.4	4.9	2.1	7.6	5.1	2.2	8.2	5.7	2.3	9.5	7.1	2.5		
			19	7.7	4.9	2.1	7.8	5.0	2.1	7.9	5.1	2.1	8.1	5.3	2.2	8.7	6.0	2.4	10.1	7.4	2.6		
			23	8.5	4.7	2.1	8.6	4.9	2.2	8.8	5.0	2.2	9.0	5.2	2.3	9.6	5.9	2.5	11.2	7.2	2.6		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				30			35			39			43			46			48				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1660	18	9	6.9	4.0	2.2	7.1	4.3	2.5	7.0	4.3	2.8	5.7	3.6	2.3	5.3	3.4	2.2	5.0	3.2	2.2		
			12	7.2	2.6	2.3	7.4	2.8	2.7	7.2	2.8	2.9	5.9	2.3	2.4	5.5	2.2	2.3	5.2	2.1	2.3		
			15	8.6	2.7	2.5	8.9	2.9	2.9	8.7	2.9	3.2	7.1	2.4	2.6	6.7	2.3	2.5	6.2	2.2	2.5		
		21	12	8.6	6.1	2.6	8.9	6.6	3.1	8.7	6.5	3.3	7.1	5.4	2.7	6.7	5.2	2.6	6.2	4.9	2.7		
			15	8.8	5.0	2.7	9.1	5.4	3.1	8.9	5.3	3.4	7.3	4.4	2.8	6.8	4.2	2.7	6.4	4.0	2.7		
			19	10.2	3.9	2.9	10.6	4.3	3.4	10.3	4.2	3.7	8.4	3.5	3.0	7.9	3.3	2.9	7.4	3.2	2.9		
		24	16	9.2	6.2	2.7	9.5	6.7	3.1	9.3	6.7	3.4	7.6	5.6	2.8	7.1	5.3	2.9	6.6	5.1	2.7		
			19	10.5	6.0	2.9	10.8	6.6	3.4	10.6	6.5	3.7	8.6	5.4	3.1	8.1	5.2	2.9	7.5	4.9	3.0		
			23	10.2	2.8	3.0	10.6	3.1	3.5	10.4	3.1	3.8	8.5	2.5	3.2	7.9	2.4	3.0	7.4	2.3	3.1		
		27	16	9.6	7.8	2.8	9.9	8.4	3.3	9.7	8.3	3.6	7.9	6.9	3.0	7.4	6.6	2.8	6.9	6.3	2.9		
			19	10.7	7.7	2.9	11.0	8.4	3.4	10.8	8.3	3.7	8.8	6.9	3.1	8.3	6.6	2.9	7.7	6.3	3.0		
			23	11.3	5.2	3.0	11.7	5.7	3.5	11.4	5.6	3.8	9.3	4.7	3.1	8.7	4.5	3.0	8.2	4.2	3.0		
		29	19	10.9	8.3	2.9	11.2	9.0	3.5	11.0	8.9	3.8	9.0	7.4	3.1	8.4	7.1	2.9	7.9	6.7	3.0		
			16	10.1	8.7	2.9	10.4	9.4	3.4	10.2	9.3	3.7	8.3	7.8	3.0	7.8	7.4	2.9	7.3	7.0	2.9		
			19	11.0	8.8	2.9	11.3	9.6	3.5	11.1	9.5	3.8	9.1	7.9	3.1	8.5	7.5	2.9	7.9	7.2	3.0		
		30	23	11.5	7.2	3.0	11.9	7.8	3.5	11.7	7.7	3.8	9.5	6.5	3.2	8.9	6.2	3.0	8.3	5.9	3.1		
			16	10.6	9.4	2.9	11.0	10.2	3.4	10.7	10.1	3.7	8.8	8.4	3.1	8.2	8.0	2.9	7.7	7.6	3.0		
			19	11.3	9.9	3.0	11.7	10.7	3.5	11.4	10.6	3.8	9.3	8.8	3.1	8.7	8.4	3.0	8.2	8.0	3.0		
		32	23	11.6	9.0	3.0	12.0	9.7	3.5	11.8	9.6	3.8	9.6	8.0	3.2	9.0	7.7	3.0	8.4	7.3	3.1		
			9	6.8	3.6	2.1	7.0	3.9	2.5	6.8	3.9	2.7	5.6	3.3	2.3	5.2	3.1	2.1	4.9	3.0	2.2		
			12	7.0	2.4	2.2	7.2	2.6	2.6	7.1	2.6	2.9	5.8	2.1	2.4	5.4	2.0	2.2	5.1	1.9	2.3		
		Medium	1570	18	15	8.5	2.4	2.5	8.7	2.7	2.9	8.6	2.6	3.1	7.0	2.2	2.6	6.5	2.1	2.5	6.1	2.0	2.5
					12	8.4	5.5	2.6	8.7	6.0	3.0	8.5	5.9	3.3	7.0	4.9	2.7	6.5	4.7	2.6	6.1	4.5	2.6
					15	8.6	4.5	2.6	8.9	4.9	3.1	8.7	4.9	3.4	7.1	4.0	2.8	6.7	3.9	2.6	6.2	3.7	2.7
21	19			10.0	3.6	2.8	10.3	3.9	3.3	10.1	3.8	3.6	8.3	3.2	3.0	7.8	3.1	2.8	7.2	2.9	2.9		
	16			9.0	5.7	2.6	9.3	6.2	3.1	9.1	6.1	3.4	7.4	5.1	2.8	7.0	4.8	2.6	6.5	4.6	2.7		
	19			10.2	5.5	2.9	10.6	6.0	3.4	10.4	5.9	3.7	8.5	4.9	3.0	7.9	4.7	2.9	7.4	4.5	2.9		
24	23			10.0	2.6	3.0	10.4	2.8	3.5	10.1	2.8	3.8	8.3	2.3	3.1	7.8	2.2	3.0	7.2	2.1	3.0		
	16			9.4	7.1	2.8	9.7	7.7	3.3	9.5	7.6	3.6	7.8	6.3	3.0	7.3	6.0	2.8	6.8	5.8	2.9		
	19			10.5	7.0	2.9	10.8	7.6	3.4	10.6	7.5	3.7	8.6	6.3	3.1	8.1	6.0	2.9	7.5	5.7	3.0		
27	23			11.1	4.8	2.9	11.4	5.2	3.5	11.2	5.1	3.8	9.1	4.3	3.1	8.6	4.1	2.9	8.0	3.9	3.0		
	19			10.7	7.5	2.9	11.0	8.2	3.4	10.8	8.1	3.7	8.8	6.7	3.1	8.2	6.4	2.9	7.7	6.1	3.0		
	16			9.9	7.9	2.8	10.2	8.6	3.3	10.0	8.5	3.6	8.2	7.1	3.0	7.7	6.8	2.8	7.2	6.4	2.9		
30	19			10.8	8.0	2.9	11.1	8.7	3.4	10.9	8.6	3.7	8.9	7.2	3.1	8.3	6.9	2.9	7.8	6.5	3.0		
	23			11.3	6.6	3.0	11.7	7.1	3.5	11.4	7.1	3.8	9.3	5.9	3.1	8.7	5.6	3.0	8.2	5.3	3.0		
	16			10.4	8.5	2.9	10.7	9.3	3.4	10.5	9.2	3.7	8.6	7.6	3.1	8.1	7.3	2.9	7.5	6.9	2.9		
32	19			11.1	9.0	2.9	11.4	9.8	3.5	11.2	9.7	3.8	9.1	8.1	3.1	8.6	7.7	2.9	8.0	7.3	3.0		
	23			11.6	8.3	3.0	12.0	9.0	3.5	11.8	8.9	3.8	9.6	7.4	3.2	9.0	7.1	3.0	8.4	6.8	3.1		
	9			6.4	3.3	2.1	6.6	3.6	2.5	6.5	3.5	2.7	5.3	3.0	2.2	5.0	2.8	2.1	4.6	2.7	2.2		
Low	1500			18	12	6.7	2.2	2.2	6.9	2.3	2.6	6.7	2.3	2.8	5.5	1.9	2.3	5.2	1.8	2.2	4.8	1.8	2.3
					15	8.0	2.2	2.4	8.3	2.4	2.9	8.1	2.4	3.1	6.6	2.0	2.6	6.2	1.9	2.4	5.8	1.8	2.5
					12	8.0	5.0	2.5	8.2	5.4	3.0	8.1	5.4	3.3	6.6	4.5	2.7	6.2	4.3	2.5	5.8	4.1	2.6
				21	15	8.2	4.1	2.6	8.4	4.5	3.1	8.3	4.4	3.3	6.8	3.7	2.8	6.3	3.5	2.6	5.9	3.3	2.7
					19	9.5	3.2	2.8	9.8	3.5	3.3	9.6	3.5	3.6	7.9	2.9	3.0	7.4	2.8	2.8	6.9	2.6	2.9
					16	8.6	5.1	2.6	8.8	5.6	3.1	8.6	5.5	3.3	7.1	4.6	2.8	6.6	4.4	2.6	6.2	4.2	2.7
		24	19	9.7	5.0	2.8	10.0	5.4	3.3	9.8	5.4	3.6	8.0	4.5	3.0	7.5	4.3	2.8	7.0	4.1	2.9		
			23	9.5	2.4	2.9	9.8	2.6	3.5	9.6	2.5	3.8	7.9	2.1	3.1	7.4	2.0	2.9	6.9	1.9	3.0		
			16	8.9	6.4	2.8	9.2	7.0	3.3	9.0	6.9	3.5	7.4	5.7	2.9	6.9	5.5	2.8	6.4	5.2	2.8		
		27	19	9.9	6.4	2.9	10.2	6.9	3.4	10.0	6.8	3.7	8.2	5.7	3.0	7.7	5.4	2.9	7.2	5.2	2.9		
			23	10.5	4.3	2.9	10.8	4.7	3.4	10.6	4.6	3.7	8.7	3.9	3.1	8.1	3.7	2.9	7.6	3.5	3.0		
			19	10.1	6.8	2.9	10.4	7.4	3.4	10.2	7.3	3.7	8.3	6.1	3.1	7.8	5.8	2.9	7.3	5.6	3.0		
		29	16	9.4	7.2	2.8	9.7	7.8	3.3	9.5	7.7	3.6	7.8	6.4	3.0	7.3	6.1	2.8	6.8	5.8	2.9		
			19	10.2	7.3	2.9	10.5	7.9	3.4	10.3	7.8	3.7	8.4	6.5	3.1	7.9	6.2	2.9	7.4	5.9	3.0		
			23	10.7	6.0	2.9	11.1	6.5	3.5	10.8	6.4	3.8	8.9	5.3	3.1	8.3	5.1	2.9	7.7	4.9	3.0		
		30	16	9.9	7.8	2.9	10.2	8.4	3.4	10.0	8.3	3.7	8.2	6.9	3.0	7.6	6.6	2.9	7.1	6.3	2.9		
			19	10.5	8.2	2.9	10.8	8.9	3.4	10.6	8.8	3.7	8.7	7.3	3.1	8.1	7.0	2.9	7.6	6.6	3.0		
			23	11.6	8.0	3.0	12.0	8.6	3.5	11.8	8.6	3.8	9.6	7.1	3.2	9.0	6.8	3.0	8.4	6.5	3.1		

4.3.6 GUHD*N*3C1O with GTH*K3CI

Outdoor Unit:GUHD09NK3C1O Indoor Unit:GTH09K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																	
				-15			-10			-7			-5			0					
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI			
High	650	18	9	1.3	0.6	0.3	1.3	0.6	0.4	1.3	0.6	0.4	1.3	0.6	0.4	1.4	0.7	0.4			
			12	1.3	0.4	0.4	1.4	0.4	0.4	1.4	0.4	0.4	1.4	0.4	0.4	1.4	0.4	0.4			
			15	1.6	0.4	0.4	1.6	0.4	0.4	1.7	0.4	0.4	1.7	0.4	0.4	1.7	0.4	0.4			
		21	12	1.6	0.9	0.4	1.6	0.9	0.4	1.6	0.9	0.4	1.7	0.9	0.4	1.7	1.0	0.4	1.7	1.0	0.5
			15	1.6	0.7	0.4	1.7	0.7	0.4	1.7	0.8	0.4	1.7	0.8	0.4	1.7	0.8	0.5	1.7	0.8	0.5
			19	1.9	0.6	0.5	1.9	0.6	0.5	2.0	0.6	0.5	2.0	0.6	0.5	2.0	0.6	0.5	2.0	0.6	0.5
		24	16	1.7	0.9	0.4	1.7	0.9	0.4	1.8	1.0	0.4	1.8	1.0	0.5	1.8	1.0	0.5	1.8	1.0	0.5
			19	1.9	0.9	0.5	2.0	0.9	0.5	2.0	0.9	0.5	2.0	1.0	0.5	2.1	1.0	0.5	2.1	1.0	0.5
			23	1.9	0.4	0.5	1.9	0.4	0.5	2.0	0.4	0.5	2.0	0.5	0.5	2.0	0.5	0.5	2.0	0.5	0.5
		27	16	1.8	1.1	0.5	1.8	1.2	0.5	1.8	1.2	0.5	1.9	1.2	0.5	1.9	1.2	0.5	1.9	1.3	0.5
			19	2.0	1.1	0.5	2.0	1.2	0.5	2.0	1.2	0.5	2.1	1.2	0.5	2.1	1.2	0.5	2.1	1.3	0.5
			23	2.1	0.8	0.5	2.1	0.8	0.5	2.2	0.8	0.5	2.2	0.8	0.5	2.2	0.9	0.5	2.2	0.9	0.5
		29	19	2.0	1.2	0.5	2.1	1.2	0.5	2.1	1.3	0.5	2.1	1.3	0.5	2.1	1.3	0.5	2.1	1.4	0.5
			16	1.9	1.3	0.5	1.9	1.3	0.5	1.9	1.3	0.5	2.0	1.4	0.5	2.0	1.4	0.5	2.0	1.4	0.5
			23	2.1	1.1	0.5	2.2	1.1	0.5	2.2	1.1	0.5	2.2	1.1	0.5	2.2	1.1	0.5	2.3	1.2	0.5
		30	19	2.0	1.3	0.5	2.1	1.3	0.5	2.1	1.4	0.5	2.1	1.4	0.5	2.1	1.4	0.5	2.2	1.4	0.5
			23	2.1	1.1	0.5	2.2	1.1	0.5	2.2	1.1	0.5	2.2	1.1	0.5	2.2	1.1	0.5	2.3	1.2	0.5
			16	2.0	1.4	0.5	2.0	1.4	0.5	2.0	1.5	0.5	2.1	1.5	0.5	2.1	1.5	0.5	2.1	1.5	0.5
		32	19	2.1	1.4	0.5	2.1	1.5	0.5	2.2	1.5	0.5	2.2	1.6	0.5	2.2	1.6	0.5	2.2	1.6	0.5
			23	2.2	1.3	0.5	2.2	1.3	0.5	2.2	1.4	0.5	2.3	1.4	0.5	2.3	1.5	0.5	2.3	1.5	0.5
			9	1.3	0.5	0.3	1.3	0.5	0.4	1.3	0.6	0.4	1.3	0.6	0.4	1.3	0.6	0.4	1.3	0.6	0.4
		Medium	550	18	12	1.3	0.3	0.4	1.3	0.4	0.4	1.3	0.4	0.4	1.4	0.4	0.4	1.4	0.4	0.4	
					15	1.6	0.4	0.4	1.6	0.4	0.4	1.6	0.4	0.4	1.6	0.4	0.4	1.7	0.4	0.4	
					12	1.6	0.8	0.4	1.6	0.8	0.4	1.6	0.9	0.4	1.6	0.9	0.4	1.7	0.9	0.4	
21	15			1.6	0.7	0.4	1.6	0.7	0.4	1.7	0.7	0.4	1.7	0.7	0.4	1.7	0.7	0.5			
	19			1.9	0.5	0.5	1.9	0.5	0.5	1.9	0.6	0.5	1.9	0.6	0.5	2.0	0.6	0.5			
	16			1.7	0.8	0.4	1.7	0.9	0.4	1.7	0.9	0.4	1.7	0.9	0.4	1.8	0.9	0.5			
24	19			1.9	0.8	0.5	1.9	0.8	0.5	2.0	0.9	0.5	2.0	0.9	0.5	2.0	0.9	0.5			
	23			1.9	0.4	0.5	1.9	0.4	0.5	1.9	0.4	0.5	1.9	0.4	0.5	2.0	0.4	0.5			
	16			1.7	1.0	0.5	1.8	1.1	0.5	1.8	1.1	0.5	1.8	1.1	0.5	1.9	1.2	0.5			
27	19			1.9	1.0	0.5	2.0	1.1	0.5	2.0	1.1	0.5	2.0	1.1	0.5	2.1	1.1	0.5			
	23			2.1	0.7	0.5	2.1	0.7	0.5	2.1	0.7	0.5	2.2	0.8	0.5	2.2	0.8	0.5			
	19			2.0	1.1	0.5	2.0	1.1	0.5	2.0	1.2	0.5	2.1	1.2	0.5	2.1	1.2	0.5			
29	16			1.8	1.2	0.5	1.9	1.2	0.5	1.9	1.2	0.5	1.9	1.3	0.5	2.0	1.3	0.5			
	19			2.0	1.2	0.5	2.0	1.2	0.5	2.1	1.2	0.5	2.1	1.3	0.5	2.1	1.3	0.5			
	23			2.1	1.0	0.5	2.1	1.0	0.5	2.2	1.0	0.5	2.2	1.0	0.5	2.2	1.1	0.5			
30	16			1.9	1.2	0.5	2.0	1.3	0.5	2.0	1.3	0.5	2.0	1.4	0.5	2.1	1.4	0.5			
	19			2.1	1.3	0.5	2.1	1.4	0.5	2.1	1.4	0.5	2.2	1.4	0.5	2.2	1.5	0.5			
	23			2.2	1.2	0.5	2.2	1.3	0.5	2.2	1.3	0.5	2.3	1.3	0.5	2.3	1.4	0.5			
Low	450			18	9	1.2	0.5	0.3	1.2	0.5	0.3	1.2	0.5	0.4	1.2	0.5	0.4	1.3	0.5	0.4	
					12	1.2	0.3	0.4	1.3	0.3	0.4	1.3	0.3	0.4	1.3	0.3	0.4	1.3	0.4	0.4	
					15	1.5	0.3	0.4	1.5	0.3	0.4	1.5	0.3	0.4	1.6	0.4	0.4	1.6	0.4	0.4	
				21	12	1.5	0.7	0.4	1.5	0.8	0.4	1.5	0.8	0.4	1.6	0.8	0.4	1.6	0.8	0.4	
					15	1.5	0.6	0.4	1.5	0.6	0.4	1.6	0.6	0.4	1.6	0.7	0.4	1.6	0.7	0.5	
					19	1.8	0.5	0.5	1.8	0.5	0.5	1.8	0.5	0.5	1.8	0.5	0.5	1.9	0.5	0.5	
		24	16	1.6	0.8	0.4	1.6	0.8	0.4	1.6	0.8	0.4	1.7	0.8	0.4	1.7	0.8	0.5			
			19	1.8	0.7	0.5	1.8	0.8	0.5	1.9	0.8	0.5	1.9	0.8	0.5	1.9	0.8	0.5			
			23	1.8	0.3	0.5	1.8	0.4	0.5	1.8	0.4	0.5	1.8	0.4	0.5	1.9	0.4	0.5			
		27	16	1.7	0.9	0.4	1.7	1.0	0.5	1.7	1.0	0.5	1.7	1.0	0.5	1.8	1.1	0.5			
			19	1.8	0.9	0.5	1.9	1.0	0.5	1.9	1.0	0.5	1.9	1.0	0.5	2.0	1.0	0.5			
			23	2.0	0.6	0.5	2.0	0.7	0.5	2.0	0.7	0.5	2.0	0.7	0.5	2.1	0.7	0.5			
		29	19	1.9	1.0	0.5	1.9	1.0	0.5	1.9	1.1	0.5	2.0	1.1	0.5	2.0	1.1	0.5			
			16	1.7	1.0	0.5	1.8	1.1	0.5	1.8	1.1	0.5	1.8	1.1	0.5	1.9	1.2	0.5			
			23	2.0	0.9	0.5	2.0	0.9	0.5	2.1	0.9	0.5	2.1	1.0	0.5	2.1	1.0	0.5			
		30	16	1.8	1.1	0.5	1.9	1.2	0.5	1.9	1.2	0.5	1.9	1.2	0.5	1.9	1.3	0.5			
			19	2.0	1.2	0.5	2.0	1.2	0.5	2.0	1.3	0.5	2.0	1.3	0.5	2.1	1.3	0.5			
			23	2.2	1.2	0.5	2.2	1.2	0.5	2.2	1.2	0.5	2.3	1.3	0.5	2.3	1.3	0.5			

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Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				5			10			15			18			21			25				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	650	18	9	1.4	0.7	0.4	1.4	0.7	0.4	1.4	0.7	0.4	1.5	0.7	0.4	1.6	0.8	0.4	1.8	1.0	0.5		
			12	1.4	0.4	0.4	1.5	0.5	0.4	1.5	0.5	0.4	1.5	0.5	0.4	1.6	0.5	0.5	1.9	0.7	0.5		
			15	1.7	0.5	0.4	1.7	0.5	0.4	1.8	0.5	0.5	1.8	0.5	0.5	1.9	0.6	0.5	2.3	0.7	0.5		
		21	12	1.7	1.0	0.5	1.7	1.0	0.5	1.8	1.1	0.5	1.8	1.1	0.5	1.9	1.3	0.5	2.2	1.6	0.6		
			15	1.8	0.8	0.5	1.8	0.9	0.5	1.8	0.9	0.5	1.9	0.9	0.5	2.0	1.0	0.5	2.3	1.3	0.6		
			19	2.0	0.7	0.5	2.1	0.7	0.5	2.1	0.7	0.5	2.2	0.7	0.5	2.3	0.8	0.6	2.7	1.0	0.6		
		24	16	1.8	1.0	0.5	1.9	1.1	0.5	1.9	1.1	0.5	1.9	1.1	0.5	2.1	1.3	0.5	2.4	1.6	0.6		
			19	2.1	1.0	0.5	2.1	1.0	0.5	2.1	1.1	0.5	2.2	1.1	0.6	2.4	1.3	0.6	2.7	1.6	0.6		
			23	2.0	0.5	0.5	2.1	0.5	0.5	2.1	0.5	0.5	2.2	0.5	0.6	2.3	0.6	0.6	2.7	0.7	0.7		
		27	16	1.9	1.3	0.5	1.9	1.3	0.5	2.0	1.4	0.5	2.0	1.4	0.5	2.2	1.6	0.6	2.5	2.0	0.6		
			19	2.1	1.3	0.5	2.2	1.3	0.5	2.2	1.4	0.5	2.3	1.4	0.6	2.4	1.6	0.6	2.8	2.0	0.6		
			23	2.3	0.9	0.5	2.3	0.9	0.5	2.3	0.9	0.5	2.4	1.0	0.6	2.5	1.1	0.6	3.0	1.3	0.7		
		29	19	2.2	1.4	0.5	2.2	1.4	0.5	2.2	1.5	0.5	2.3	1.5	0.6	2.4	1.7	0.6	2.8	2.1	0.6		
			16	2.0	1.5	0.5	2.0	1.5	0.5	2.1	1.5	0.5	2.1	1.6	0.5	2.3	1.8	0.6	2.6	2.2	0.6		
			19	2.2	1.5	0.5	2.2	1.5	0.5	2.3	1.6	0.5	2.3	1.6	0.6	2.5	1.8	0.6	2.9	2.3	0.6		
		30	23	2.3	1.2	0.5	2.3	1.2	0.5	2.4	1.3	0.5	2.4	1.3	0.6	2.6	1.5	0.6	3.0	1.9	0.7		
			16	2.1	1.6	0.5	2.2	1.6	0.5	2.2	1.7	0.5	2.2	1.7	0.6	2.4	2.0	0.6	2.8	2.4	0.6		
			19	2.3	1.7	0.5	2.3	1.7	0.5	2.3	1.8	0.5	2.4	1.8	0.6	2.5	2.1	0.6	3.0	2.5	0.7		
		32	23	2.3	1.5	0.5	2.4	1.5	0.5	2.4	1.6	0.5	2.5	1.7	0.6	2.6	1.9	0.6	3.0	2.3	0.7		
			9	1.4	0.6	0.4	1.4	0.6	0.4	1.4	0.6	0.4	1.4	0.7	0.4	1.5	0.8	0.4	1.8	0.9	0.5		
			12	1.4	0.4	0.4	1.4	0.4	0.4	1.4	0.4	0.4	1.5	0.4	0.4	1.6	0.5	0.5	1.8	0.6	0.5		
		Medium	550	18	15	1.7	0.4	0.4	1.7	0.4	0.4	1.7	0.4	0.4	1.8	0.5	0.5	1.9	0.5	0.5	2.2	0.6	0.5
					12	1.7	0.9	0.5	1.7	1.0	0.5	1.7	1.0	0.5	1.8	1.0	0.5	1.9	1.2	0.5	2.2	1.4	0.6
					15	1.7	0.8	0.5	1.7	0.8	0.5	1.8	0.8	0.5	1.8	0.8	0.5	1.9	0.9	0.5	2.3	1.2	0.6
21	19			2.0	0.6	0.5	2.0	0.6	0.5	2.1	0.6	0.5	2.1	0.7	0.5	2.3	0.7	0.6	2.6	0.9	0.6		
	16			1.8	1.0	0.5	1.8	1.0	0.5	1.9	1.0	0.5	1.9	1.0	0.5	2.0	1.2	0.5	2.4	1.5	0.6		
	19			2.0	0.9	0.5	2.1	1.0	0.5	2.1	1.0	0.5	2.2	1.0	0.5	2.3	1.2	0.6	2.7	1.4	0.6		
24	23			2.0	0.4	0.5	2.0	0.4	0.5	2.1	0.5	0.5	2.1	0.5	0.6	2.3	0.5	0.6	2.6	0.7	0.7		
	16			1.9	1.2	0.5	1.9	1.2	0.5	1.9	1.3	0.5	2.0	1.3	0.5	2.1	1.5	0.6	2.5	1.8	0.6		
	19			2.1	1.2	0.5	2.1	1.2	0.5	2.1	1.2	0.5	2.2	1.3	0.6	2.4	1.5	0.6	2.7	1.8	0.6		
27	23			2.2	0.8	0.5	2.2	0.8	0.5	2.3	0.8	0.5	2.3	0.9	0.6	2.5	1.0	0.6	2.9	1.2	0.6		
	19			2.1	1.3	0.5	2.2	1.3	0.5	2.2	1.3	0.5	2.2	1.4	0.6	2.4	1.6	0.6	2.8	1.9	0.6		
	16			2.0	1.3	0.5	2.0	1.4	0.5	2.0	1.4	0.5	2.1	1.5	0.5	2.2	1.7	0.6	2.6	2.0	0.6		
30	19			2.2	1.4	0.5	2.2	1.4	0.5	2.2	1.4	0.5	2.3	1.5	0.6	2.4	1.7	0.6	2.8	2.1	0.6		
	23			2.3	1.1	0.5	2.3	1.1	0.5	2.3	1.2	0.5	2.4	1.2	0.6	2.5	1.4	0.6	3.0	1.7	0.7		
	16			2.1	1.4	0.5	2.1	1.5	0.5	2.1	1.5	0.5	2.2	1.6	0.6	2.3	1.8	0.6	2.7	2.2	0.6		
32	19			2.2	1.5	0.5	2.2	1.6	0.5	2.3	1.6	0.5	2.3	1.7	0.6	2.5	1.9	0.6	2.9	2.3	0.6		
	23			2.3	1.4	0.5	2.4	1.4	0.5	2.4	1.5	0.5	2.5	1.5	0.6	2.6	1.7	0.6	3.0	2.1	0.7		
	9			1.3	0.6	0.4	1.3	0.6	0.4	1.3	0.6	0.4	1.4	0.6	0.4	1.4	0.7	0.4	1.7	0.9	0.5		
Low	450			18	12	1.3	0.4	0.4	1.4	0.4	0.4	1.4	0.4	0.4	1.4	0.4	0.4	1.5	0.5	0.5	1.7	0.6	0.5
					15	1.6	0.4	0.4	1.6	0.4	0.4	1.6	0.4	0.4	1.7	0.4	0.5	1.8	0.5	0.5	2.1	0.6	0.5
					12	1.6	0.8	0.4	1.6	0.9	0.5	1.6	0.9	0.5	1.7	0.9	0.5	1.8	1.0	0.5	2.1	1.3	0.6
				21	15	1.6	0.7	0.5	1.7	0.7	0.5	1.7	0.7	0.5	1.7	0.7	0.5	1.8	0.9	0.5	2.1	1.1	0.6
					19	1.9	0.5	0.5	1.9	0.6	0.5	2.0	0.6	0.5	2.0	0.6	0.5	2.1	0.7	0.6	2.5	0.8	0.6
					16	1.7	0.9	0.5	1.7	0.9	0.5	1.8	0.9	0.5	1.8	1.0	0.5	1.9	1.1	0.5	2.2	1.3	0.6
		24	19	1.9	0.8	0.5	2.0	0.9	0.5	2.0	0.9	0.5	2.1	0.9	0.5	2.2	1.0	0.6	2.5	1.3	0.6		
			23	1.9	0.4	0.5	1.9	0.4	0.5	2.0	0.4	0.5	2.0	0.4	0.6	2.1	0.5	0.6	2.5	0.6	0.6		
			16	1.8	1.1	0.5	1.8	1.1	0.5	1.8	1.1	0.5	1.9	1.2	0.5	2.0	1.3	0.6	2.3	1.7	0.6		
		27	19	2.0	1.1	0.5	2.0	1.1	0.5	2.0	1.1	0.5	2.1	1.2	0.5	2.2	1.3	0.6	2.6	1.6	0.6		
			23	2.1	0.7	0.5	2.1	0.7	0.5	2.2	0.8	0.5	2.2	0.8	0.6	2.4	0.9	0.6	2.8	1.1	0.6		
			19	2.0	1.1	0.5	2.0	1.2	0.5	2.1	1.2	0.5	2.1	1.3	0.6	2.3	1.4	0.6	2.6	1.8	0.6		
		29	16	1.9	1.2	0.5	1.9	1.2	0.5	1.9	1.3	0.5	2.0	1.3	0.5	2.1	1.5	0.6	2.5	1.8	0.6		
			19	2.0	1.2	0.5	2.1	1.3	0.5	2.1	1.3	0.5	2.2	1.3	0.6	2.3	1.5	0.6	2.7	1.9	0.6		
			23	2.1	1.0	0.5	2.2	1.0	0.5	2.2	1.1	0.5	2.3	1.1	0.6	2.4	1.2	0.6	2.8	1.5	0.6		
		30	16	2.0	1.3	0.5	2.0	1.3	0.5	2.0	1.4	0.5	2.1	1.4	0.5	2.2	1.6	0.6	2.6	2.0	0.6		
			19	2.1	1.4	0.5	2.1	1.4	0.5	2.2	1.5	0.5	2.2	1.5	0.6	2.4	1.7	0.6	2.8	2.1	0.6		
			23	2.3	1.3	0.5	2.4	1.4	0.5	2.4	1.4	0.5	2.5	1.5	0.6	2.6	1.7	0.6	3.0	2.1	0.7		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																	
				30			35			39			43			46			48		
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
High	650	18	9	1.9	1.1	0.5	1.9	1.2	0.6	1.9	1.2	0.7	1.6	1.0	0.6	1.5	1.0	0.5	1.4	0.9	0.6
			12	2.0	0.7	0.6	2.0	0.8	0.7	2.0	0.8	0.7	1.6	0.7	0.6	1.5	0.6	0.6	1.4	0.6	0.6
			15	2.4	0.8	0.6	2.4	0.8	0.7	2.4	0.8	0.8	1.9	0.7	0.7	1.8	0.7	0.6	1.7	0.6	0.6
		21	12	2.3	1.7	0.6	2.4	1.9	0.8	2.4	1.8	0.8	1.9	1.5	0.7	1.8	1.5	0.6	1.7	1.4	0.7
			15	2.4	1.4	0.7	2.5	1.5	0.8	2.4	1.5	0.9	2.0	1.3	0.7	1.9	1.2	0.7	1.7	1.1	0.7
			19	2.8	1.1	0.7	2.9	1.2	0.8	2.8	1.2	0.9	2.3	1.0	0.8	2.2	0.9	0.7	2.0	0.9	0.7
		24	16	2.5	1.8	0.7	2.6	1.9	0.8	2.5	1.9	0.9	2.1	1.6	0.7	1.9	1.5	0.7	1.8	1.4	0.7
			19	2.9	1.7	0.7	2.9	1.9	0.8	2.9	1.8	0.9	2.4	1.5	0.8	2.2	1.5	0.7	2.1	1.4	0.7
			23	2.8	0.8	0.8	2.9	0.9	0.9	2.8	0.9	1.0	2.3	0.7	0.8	2.2	0.7	0.8	2.0	0.7	0.8
		27	16	2.6	2.2	0.7	2.7	2.4	0.8	2.6	2.4	0.9	2.2	2.0	0.7	2.0	1.9	0.7	1.9	1.8	0.7
			19	2.9	2.2	0.7	3.0	2.4	0.9	2.9	2.3	0.9	2.4	2.0	0.8	2.3	1.9	0.7	2.1	1.8	0.7
			23	3.1	1.5	0.7	3.2	1.6	0.9	3.1	1.6	1.0	2.5	1.3	0.8	2.4	1.3	0.7	2.2	1.2	0.8
		29	19	3.0	2.3	0.7	3.1	2.5	0.9	3.0	2.5	0.9	2.4	2.1	0.8	2.3	2.0	0.7	2.1	1.9	0.8
			16	2.8	2.5	0.7	2.8	2.7	0.8	2.8	2.6	0.9	2.3	2.2	0.8	2.1	2.1	0.7	2.0	2.0	0.7
			19	3.0	2.5	0.7	3.1	2.7	0.9	3.0	2.7	0.9	2.5	2.2	0.8	2.3	2.1	0.7	2.2	2.0	0.8
		30	23	3.1	2.0	0.8	3.2	2.2	0.9	3.2	2.2	1.0	2.6	1.8	0.8	2.4	1.7	0.8	2.3	1.7	0.8
			16	2.9	2.7	0.7	3.0	2.9	0.9	2.9	2.9	0.9	2.4	2.4	0.8	2.2	2.3	0.7	2.1	2.2	0.7
			19	3.1	2.8	0.7	3.2	3.0	0.9	3.1	3.0	1.0	2.5	2.5	0.8	2.4	2.4	0.7	2.2	2.3	0.8
		32	23	3.2	2.5	0.8	3.3	2.8	0.9	3.2	2.7	1.0	2.6	2.3	0.8	2.5	2.2	0.8	2.3	2.1	0.8
			9	1.8	1.0	0.5	1.9	1.1	0.6	1.9	1.1	0.7	1.5	0.9	0.6	1.4	0.9	0.5	1.3	0.8	0.5
			18	12	1.9	0.7	0.6	2.0	0.7	0.7	1.9	0.7	0.7	1.6	0.6	0.6	1.5	0.6	0.6	1.4	0.5
		15		2.3	0.7	0.6	2.4	0.8	0.7	2.3	0.7	0.8	1.9	0.6	0.6	1.8	0.6	0.6	1.7	0.6	0.6
		12		2.3	1.6	0.6	2.4	1.7	0.8	2.3	1.7	0.8	1.9	1.4	0.7	1.8	1.3	0.6	1.7	1.3	0.7
		21	15	2.4	1.3	0.7	2.4	1.4	0.8	2.4	1.4	0.8	1.9	1.1	0.7	1.8	1.1	0.7	1.7	1.0	0.7
19	2.7		1.0	0.7	2.8	1.1	0.8	2.8	1.1	0.9	2.3	0.9	0.7	2.1	0.9	0.7	2.0	0.8	0.7		
16	2.5		1.6	0.7	2.5	1.7	0.8	2.5	1.7	0.8	2.0	1.4	0.7	1.9	1.4	0.7	1.8	1.3	0.7		
24	19	2.8	1.6	0.7	2.9	1.7	0.8	2.8	1.7	0.9	2.3	1.4	0.8	2.2	1.3	0.7	2.0	1.3	0.7		
	23	2.7	0.7	0.7	2.8	0.8	0.9	2.8	0.8	1.0	2.3	0.7	0.8	2.1	0.6	0.7	2.0	0.6	0.8		
	16	2.6	2.0	0.7	2.6	2.2	0.8	2.6	2.2	0.9	2.1	1.8	0.7	2.0	1.7	0.7	1.9	1.6	0.7		
27	19	2.9	2.0	0.7	2.9	2.2	0.8	2.9	2.1	0.9	2.4	1.8	0.8	2.2	1.7	0.7	2.1	1.6	0.7		
	23	3.0	1.4	0.7	3.1	1.5	0.9	3.1	1.5	0.9	2.5	1.2	0.8	2.3	1.2	0.7	2.2	1.1	0.8		
	19	2.9	2.1	0.7	3.0	2.3	0.9	2.9	2.3	0.9	2.4	1.9	0.8	2.2	1.8	0.7	2.1	1.7	0.7		
30	16	2.7	2.2	0.7	2.8	2.4	0.8	2.7	2.4	0.9	2.2	2.0	0.7	2.1	1.9	0.7	2.0	1.8	0.7		
	19	2.9	2.3	0.7	3.0	2.5	0.9	3.0	2.4	0.9	2.4	2.0	0.8	2.3	1.9	0.7	2.1	1.8	0.7		
	23	3.1	1.9	0.7	3.2	2.0	0.9	3.1	2.0	1.0	2.5	1.7	0.8	2.4	1.6	0.7	2.2	1.5	0.8		
32	16	2.8	2.4	0.7	2.9	2.6	0.8	2.9	2.6	0.9	2.3	2.2	0.8	2.2	2.1	0.7	2.1	2.0	0.7		
	19	3.0	2.6	0.7	3.1	2.8	0.9	3.1	2.7	0.9	2.5	2.3	0.8	2.3	2.2	0.7	2.2	2.1	0.8		
	23	3.2	2.4	0.8	3.3	2.6	0.9	3.2	2.5	1.0	2.6	2.1	0.8	2.5	2.0	0.8	2.3	1.9	0.8		
Medium	550	18	9	1.8	0.9	0.5	1.8	1.0	0.6	1.8	1.0	0.7	1.4	0.8	0.6	1.4	0.8	0.5	1.3	0.8	0.5
			12	1.8	0.6	0.6	1.9	0.7	0.6	1.8	0.7	0.7	1.5	0.5	0.6	1.4	0.5	0.6	1.3	0.5	0.6
			15	2.2	0.6	0.6	2.3	0.7	0.7	2.2	0.7	0.8	1.8	0.6	0.6	1.7	0.5	0.6	1.6	0.5	0.6
		21	12	2.2	1.4	0.6	2.2	1.5	0.7	2.2	1.5	0.8	1.8	1.3	0.7	1.7	1.2	0.6	1.6	1.2	0.7
			15	2.2	1.2	0.7	2.3	1.3	0.8	2.3	1.2	0.8	1.8	1.0	0.7	1.7	1.0	0.7	1.6	0.9	0.7
			19	2.6	0.9	0.7	2.7	1.0	0.8	2.6	1.0	0.9	2.1	0.8	0.7	2.0	0.8	0.7	1.9	0.7	0.7
		24	16	2.3	1.5	0.7	2.4	1.6	0.8	2.4	1.6	0.8	1.9	1.3	0.7	1.8	1.2	0.7	1.7	1.2	0.7
			19	2.7	1.4	0.7	2.7	1.5	0.8	2.7	1.5	0.9	2.2	1.3	0.7	2.1	1.2	0.7	1.9	1.2	0.7
			23	2.6	0.7	0.7	2.7	0.7	0.9	2.6	0.7	0.9	2.1	0.6	0.8	2.0	0.6	0.7	1.9	0.5	0.8
		27	16	2.4	1.8	0.7	2.5	2.0	0.8	2.5	2.0	0.9	2.0	1.6	0.7	1.9	1.6	0.7	1.8	1.5	0.7
			19	2.7	1.8	0.7	2.8	2.0	0.8	2.7	1.9	0.9	2.2	1.6	0.8	2.1	1.5	0.7	2.0	1.5	0.7
			23	2.9	1.2	0.7	3.0	1.3	0.9	2.9	1.3	0.9	2.4	1.1	0.8	2.2	1.0	0.7	2.1	1.0	0.7
		29	19	2.8	1.9	0.7	2.8	2.1	0.8	2.8	2.1	0.9	2.3	1.7	0.8	2.1	1.7	0.7	2.0	1.6	0.7
			16	2.6	2.0	0.7	2.6	2.2	0.8	2.6	2.2	0.9	2.1	1.8	0.7	2.0	1.7	0.7	1.9	1.7	0.7
			19	2.8	2.1	0.7	2.9	2.2	0.8	2.8	2.2	0.9	2.3	1.8	0.8	2.2	1.8	0.7	2.0	1.7	0.7
		30	23	2.9	1.7	0.7	3.0	1.8	0.9	3.0	1.8	0.9	2.4	1.5	0.8	2.3	1.4	0.7	2.1	1.4	0.8
			16	2.7	2.2	0.7	2.8	2.4	0.8	2.7	2.4	0.9	2.2	2.0	0.8	2.1	1.9	0.7	1.9	1.8	0.7
			19	2.9	2.3	0.7	3.0	2.5	0.9	2.9	2.5	0.9	2.4	2.1	0.8	2.2	2.0	0.7	2.1	1.9	0.7
		32	23	3.2	2.3	0.8	3.3	2.5	0.9	3.2	2.4	1.0	2.6	2.0	0.8	2.5	1.9	0.8	2.3	1.8	0.8
			9	1.8	0.9	0.5	1.8	1.0	0.6	1.8	1.0	0.7	1.4	0.8	0.6	1.4	0.8	0.5	1.3	0.8	0.5
			18	12	1.8	0.6	0.6	1.9	0.7	0.6	1.8	0.7	0.7	1.5	0.5	0.6	1.4	0.5	0.6	1.3	0.5
		15		2.2	0.6	0.6	2.3	0.7	0.7	2.2	0.7	0.8	1.8	0.6	0.6	1.7	0.5	0.6	1.6	0.5	0.6
		12		2.2	1.4	0.6	2.2	1.5	0.7	2.2	1.5	0.8	1.8	1.3	0.7	1.7	1.2	0.6	1.6	1.2	0.7
		21	15	2.2	1.2	0.7	2.3	1.3	0.8	2.3	1.2	0.8	1.8	1.0	0.7	1.7	1.0	0.7	1.6	0.9	0.7
19	2.6		0.9	0.7	2.7	1.0	0.8	2.6	1.0	0.9	2.1	0.8	0.7	2.0	0.8	0.7	1.9	0.7	0.7		
16	2.3		1.5	0.7	2.4	1.6	0.8	2.4	1.6	0.8	1.9	1.3	0.7	1.8	1.2	0.7	1.7	1.2	0.7		
24	19	2.7	1.4	0.7	2.7	1.5	0.8	2.7	1.5	0.9	2.2	1.3	0.7	2.1	1.2	0.7	1.9	1.2	0.7		
	23	2.6	0.7	0.7	2.7	0.7	0.9	2.6	0.7	0.9	2.1	0.6	0.8	2.0	0.6	0.7	1.9	0.5	0.8		
	16	2.4	1.8	0.7	2.5	2.0	0.8	2.5	2.0	0.9	2.0	1.6	0.7	1.9	1.6	0.7	1.8	1.5	0.7		
27	19	2.7	1.8	0.7	2.8	2.0	0.8	2.7	1.9	0.9	2.2	1.6	0.8	2.1	1.5	0.7	2.0	1.5	0.7		
	23	2.9	1.2	0.7	3.0	1.3	0.9	2.9	1.3	0.9	2.4	1.1	0.8	2.2	1.0	0.7	2.1	1.0	0.7		
	19	2.8	1.9	0.7	2.8	2.1	0.8	2.8	2.1	0.9	2.3	1.7	0.8	2.1	1.7	0.7	2.0	1.6	0.7		
29	16	2.6	2.0	0.7	2.6	2.2	0.8	2.6	2.2	0.9	2.1	1.8	0.7	2.0	1.7	0.7	1.9	1.7	0.7		
	19	2.8	2.1	0.7	2.9	2.2	0.8	2.8	2.2	0.9	2.3	1.8	0.8	2.2	1.8	0.7	2.0	1.7	0.7		
	23	2.9	1.7	0.7	3.0	1.8	0.9	3.0	1.8	0.9	2.4	1.5	0.8	2.3	1.4	0.7	2.1	1.4	0.8		
30	16	2.7	2.2	0.7																	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD12NK3C1O Indoor Unit:GTH12K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)															
				-15			-10			-7			-5			0			
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	700	18	9	1.5	0.7	0.4	1.5	0.7	0.4	1.5	0.7	0.4	1.5	0.7	0.5	1.5	0.7	0.5	
			12	1.5	0.4	0.5	1.5	0.4	0.5	1.6	0.5	0.5	1.6	0.5	0.5	1.6	0.5	0.5	
			15	1.8	0.4	0.5	1.8	0.5	0.5	1.9	0.5	0.5	1.9	0.5	0.5	1.9	0.5	0.5	
		21	12	1.8	1.0	0.5	1.8	1.0	0.5	1.9	1.1	0.5	1.9	1.1	0.5	1.9	1.1	0.6	
			15	1.9	0.8	0.5	1.9	0.8	0.5	1.9	0.9	0.6	1.9	0.9	0.6	2.0	0.9	0.6	
			19	2.2	0.6	0.6	2.2	0.7	0.6	2.2	0.7	0.6	2.3	0.7	0.6	2.3	0.7	0.6	
		24	16	1.9	1.0	0.5	2.0	1.1	0.5	2.0	1.1	0.5	2.0	1.1	0.6	2.1	1.2	0.6	
			19	2.2	1.0	0.6	2.2	1.0	0.6	2.3	1.1	0.6	2.3	1.1	0.6	2.3	1.1	0.6	
			23	2.2	0.5	0.6	2.2	0.5	0.6	2.2	0.5	0.6	2.3	0.5	0.6	2.3	0.5	0.6	
		27	16	2.0	1.3	0.6	2.1	1.3	0.6	2.1	1.4	0.6	2.1	1.4	0.6	2.1	1.4	0.6	
			19	2.2	1.3	0.6	2.3	1.3	0.6	2.3	1.4	0.6	2.3	1.4	0.6	2.4	1.4	0.6	
			23	2.4	0.9	0.6	2.4	0.9	0.6	2.5	0.9	0.6	2.5	0.9	0.6	2.5	1.0	0.6	
		29	19	2.3	1.4	0.6	2.3	1.4	0.6	2.4	1.4	0.6	2.4	1.5	0.6	2.4	1.5	0.6	
			30	16	2.1	1.4	0.6	2.2	1.5	0.6	2.2	1.5	0.6	2.2	1.6	0.6	2.3	1.6	0.6
				19	2.3	1.5	0.6	2.3	1.5	0.6	2.4	1.5	0.6	2.4	1.6	0.6	2.5	1.6	0.6
		23		2.4	1.2	0.6	2.5	1.2	0.6	2.5	1.3	0.6	2.5	1.3	0.6	2.6	1.3	0.6	
		32	16	2.2	1.6	0.6	2.3	1.6	0.6	2.3	1.6	0.6	2.3	1.7	0.6	2.4	1.7	0.6	
			19	2.4	1.6	0.6	2.4	1.7	0.6	2.5	1.7	0.6	2.5	1.8	0.6	2.5	1.8	0.6	
23	2.4		1.5	0.6	2.5	1.5	0.6	2.5	1.6	0.6	2.6	1.6	0.6	2.6	1.7	0.6			
Medium	600	18	9	1.4	0.6	0.4	1.4	0.6	0.4	1.5	0.6	0.4	1.5	0.7	0.4	1.5	0.7	0.5	
			12	1.5	0.4	0.4	1.5	0.4	0.5	1.5	0.4	0.5	1.5	0.4	0.5	1.6	0.4	0.5	
			15	1.8	0.4	0.5	1.8	0.4	0.5	1.8	0.4	0.5	1.9	0.4	0.5	1.9	0.5	0.5	
		21	12	1.8	0.9	0.5	1.8	0.9	0.5	1.8	1.0	0.5	1.9	1.0	0.5	1.9	1.0	0.6	
			15	1.8	0.7	0.5	1.8	0.8	0.5	1.9	0.8	0.5	1.9	0.8	0.6	1.9	0.8	0.6	
			19	2.1	0.6	0.6	2.1	0.6	0.6	2.2	0.6	0.6	2.2	0.6	0.6	2.2	0.7	0.6	
		24	16	1.9	0.9	0.5	1.9	1.0	0.5	2.0	1.0	0.5	2.0	1.0	0.6	2.0	1.1	0.6	
			19	2.2	0.9	0.6	2.2	0.9	0.6	2.2	1.0	0.6	2.3	1.0	0.6	2.3	1.0	0.6	
			23	2.1	0.4	0.6	2.1	0.4	0.6	2.2	0.5	0.6	2.2	0.5	0.6	2.2	0.5	0.6	
		27	16	2.0	1.2	0.6	2.0	1.2	0.6	2.0	1.2	0.6	2.1	1.3	0.6	2.1	1.3	0.6	
			19	2.2	1.2	0.6	2.2	1.2	0.6	2.3	1.2	0.6	2.3	1.3	0.6	2.3	1.3	0.6	
			23	2.3	0.8	0.6	2.4	0.8	0.6	2.4	0.8	0.6	2.4	0.9	0.6	2.5	0.9	0.6	
		29	19	2.2	1.2	0.6	2.3	1.3	0.6	2.3	1.3	0.6	2.3	1.4	0.6	2.4	1.4	0.6	
			30	16	2.1	1.3	0.6	2.1	1.3	0.6	2.1	1.4	0.6	2.2	1.4	0.6	2.2	1.5	0.6
				19	2.3	1.3	0.6	2.3	1.4	0.6	2.3	1.4	0.6	2.4	1.4	0.6	2.4	1.5	0.6
		23		2.4	1.1	0.6	2.4	1.1	0.6	2.5	1.2	0.6	2.5	1.2	0.6	2.5	1.2	0.6	
		32	16	2.2	1.4	0.6	2.2	1.5	0.6	2.3	1.5	0.6	2.3	1.5	0.6	2.3	1.6	0.6	
			19	2.3	1.5	0.6	2.4	1.5	0.6	2.4	1.6	0.6	2.4	1.6	0.6	2.5	1.7	0.6	
23	2.4		1.4	0.6	2.5	1.4	0.6	2.5	1.5	0.6	2.6	1.5	0.6	2.6	1.5	0.6			
Low	500	18	9	1.4	0.5	0.4	1.4	0.6	0.4	1.4	0.6	0.4	1.4	0.6	0.4	1.4	0.6	0.5	
			12	1.4	0.4	0.4	1.4	0.4	0.4	1.4	0.4	0.5	1.5	0.4	0.5	1.5	0.4	0.5	
			15	1.7	0.4	0.5	1.7	0.4	0.5	1.7	0.4	0.5	1.8	0.4	0.5	1.8	0.4	0.5	
		21	12	1.7	0.8	0.5	1.7	0.9	0.5	1.7	0.9	0.5	1.8	0.9	0.5	1.8	0.9	0.5	
			15	1.7	0.7	0.5	1.7	0.7	0.5	1.8	0.7	0.5	1.8	0.7	0.5	1.8	0.8	0.6	
			19	2.0	0.5	0.6	2.0	0.6	0.6	2.1	0.6	0.6	2.1	0.6	0.6	2.1	0.6	0.6	
		24	16	1.8	0.9	0.5	1.8	0.9	0.5	1.9	0.9	0.5	1.9	0.9	0.5	1.9	1.0	0.6	
			19	2.0	0.8	0.6	2.1	0.9	0.6	2.1	0.9	0.6	2.1	0.9	0.6	2.2	0.9	0.6	
			23	2.0	0.4	0.6	2.0	0.4	0.6	2.1	0.4	0.6	2.1	0.4	0.6	2.1	0.4	0.6	
		27	16	1.9	1.1	0.6	1.9	1.1	0.6	1.9	1.1	0.6	2.0	1.2	0.6	2.0	1.2	0.6	
			19	2.1	1.1	0.6	2.1	1.1	0.6	2.2	1.1	0.6	2.2	1.2	0.6	2.2	1.2	0.6	
			23	2.2	0.7	0.6	2.2	0.7	0.6	2.3	0.8	0.6	2.3	0.8	0.6	2.3	0.8	0.6	
		29	19	2.1	1.1	0.6	2.2	1.2	0.6	2.2	1.2	0.6	2.2	1.2	0.6	2.3	1.3	0.6	
			30	16	2.0	1.2	0.6	2.0	1.2	0.6	2.0	1.3	0.6	2.1	1.3	0.6	2.1	1.3	0.6
				19	2.1	1.2	0.6	2.2	1.2	0.6	2.2	1.3	0.6	2.2	1.3	0.6	2.3	1.4	0.6
		23		2.3	1.0	0.6	2.3	1.0	0.6	2.3	1.0	0.6	2.4	1.1	0.6	2.4	1.1	0.6	
		32	16	2.1	1.3	0.6	2.1	1.3	0.6	2.1	1.4	0.6	2.2	1.4	0.6	2.2	1.4	0.6	
			19	2.2	1.4	0.6	2.2	1.4	0.6	2.3	1.4	0.6	2.3	1.5	0.6	2.3	1.5	0.6	
23	2.4		1.3	0.6	2.5	1.4	0.6	2.5	1.4	0.6	2.6	1.4	0.6	2.6	1.5	0.6			

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																	
				5			10			15			18			21			25		
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
High	700	18	9	1.6	0.8	0.5	1.6	0.8	0.5	1.6	0.8	0.5	1.7	0.8	0.5	1.8	0.9	0.5	2.0	1.2	0.6
			12	1.6	0.5	0.5	1.6	0.5	0.5	1.7	0.5	0.5	1.7	0.5	0.5	1.8	0.6	0.6	2.1	0.8	0.6
			15	2.0	0.5	0.5	2.0	0.5	0.5	2.0	0.5	0.6	2.1	0.6	0.6	2.2	0.6	0.6	2.6	0.8	0.7
		21	12	1.9	1.2	0.6	2.0	1.2	0.6	2.0	1.2	0.6	2.1	1.3	0.6	2.2	1.4	0.7	2.5	1.8	0.7
			15	2.0	0.9	0.6	2.0	1.0	0.6	2.0	1.0	0.6	2.1	1.0	0.6	2.2	1.2	0.7	2.6	1.4	0.7
			19	2.3	0.7	0.6	2.4	0.8	0.6	2.4	0.8	0.6	2.4	0.8	0.7	2.6	0.9	0.7	3.0	1.1	0.8
		24	16	2.1	1.2	0.6	2.1	1.2	0.6	2.1	1.3	0.6	2.2	1.3	0.6	2.3	1.5	0.7	2.7	1.8	0.7
			19	2.4	1.2	0.6	2.4	1.2	0.6	2.4	1.2	0.7	2.5	1.3	0.7	2.7	1.4	0.7	3.1	1.8	0.8
			23	2.3	0.5	0.7	2.4	0.6	0.7	2.4	0.6	0.7	2.4	0.6	0.7	2.6	0.7	0.8	3.0	0.8	0.8
		27	16	2.2	1.5	0.6	2.2	1.5	0.6	2.2	1.6	0.6	2.3	1.6	0.7	2.4	1.8	0.7	2.8	2.3	0.8
			19	2.4	1.5	0.6	2.4	1.5	0.6	2.5	1.5	0.7	2.6	1.6	0.7	2.7	1.8	0.7	3.2	2.2	0.8
			23	2.6	1.0	0.6	2.6	1.0	0.7	2.6	1.1	0.7	2.7	1.1	0.7	2.9	1.2	0.8	3.4	1.5	0.8
		29	19	2.5	1.6	0.6	2.5	1.6	0.7	2.5	1.7	0.7	2.6	1.7	0.7	2.8	2.0	0.7	3.2	2.4	0.8
			16	2.3	1.7	0.6	2.3	1.7	0.6	2.4	1.7	0.6	2.4	1.8	0.7	2.6	2.1	0.7	3.0	2.5	0.8
			19	2.5	1.7	0.6	2.5	1.7	0.7	2.6	1.8	0.7	2.6	1.8	0.7	2.8	2.1	0.7	3.3	2.6	0.8
		30	23	2.6	1.4	0.7	2.6	1.4	0.7	2.7	1.5	0.7	2.8	1.5	0.7	2.9	1.7	0.8	3.4	2.1	0.8
			16	2.4	1.8	0.6	2.4	1.8	0.6	2.5	1.9	0.7	2.5	2.0	0.7	2.7	2.2	0.7	3.2	2.7	0.8
			19	2.6	1.9	0.6	2.6	1.9	0.7	2.6	2.0	0.7	2.7	2.1	0.7	2.9	2.3	0.8	3.4	2.9	0.8
32	23	2.6	1.7	0.7	2.7	1.8	0.7	2.7	1.8	0.7	2.8	1.9	0.7	3.0	2.1	0.8	3.5	2.6	0.8		
	9	1.5	0.7	0.5	1.6	0.7	0.5	1.6	0.7	0.5	1.6	0.8	0.5	1.7	0.9	0.5	2.0	1.1	0.6		
	12	1.6	0.5	0.5	1.6	0.5	0.5	1.6	0.5	0.5	1.7	0.5	0.5	1.8	0.6	0.6	2.1	0.7	0.6		
Medium	600	18	15	1.9	0.5	0.5	1.9	0.5	0.5	2.0	0.5	0.6	2.0	0.5	0.6	2.0	0.6	0.6	2.5	0.7	0.7
			12	1.9	1.1	0.6	1.9	1.1	0.6	2.0	1.1	0.6	2.0	1.2	0.6	2.1	1.3	0.7	2.5	1.6	0.7
			15	2.0	0.9	0.6	2.0	0.9	0.6	2.0	0.9	0.6	2.1	0.9	0.6	2.2	1.1	0.7	2.6	1.3	0.7
		21	19	2.3	0.7	0.6	2.3	0.7	0.6	2.3	0.7	0.6	2.4	0.7	0.7	2.6	0.8	0.7	3.0	1.0	0.8
			16	2.0	1.1	0.6	2.1	1.1	0.6	2.1	1.1	0.6	2.2	1.2	0.6	2.3	1.3	0.7	2.7	1.7	0.7
			19	2.3	1.0	0.6	2.4	1.1	0.6	2.4	1.1	0.6	2.4	1.2	0.7	2.6	1.3	0.7	3.0	1.6	0.8
		24	23	2.3	0.5	0.6	2.3	0.5	0.7	2.3	0.5	0.7	2.4	0.5	0.7	2.6	0.6	0.8	3.0	0.8	0.8
			16	2.1	1.3	0.6	2.2	1.4	0.6	2.2	1.4	0.6	2.2	1.5	0.7	2.4	1.7	0.7	2.8	2.1	0.8
			19	2.4	1.3	0.6	2.4	1.4	0.6	2.4	1.4	0.7	2.5	1.5	0.7	2.7	1.7	0.7	3.1	2.0	0.8
		27	23	2.5	0.9	0.6	2.5	0.9	0.7	2.6	1.0	0.7	2.6	1.0	0.7	2.8	1.1	0.7	3.3	1.4	0.8
			19	2.4	1.4	0.6	2.4	1.5	0.6	2.5	1.5	0.7	2.5	1.6	0.7	2.7	1.8	0.7	3.2	2.2	0.8
			16	2.2	1.5	0.6	2.3	1.5	0.6	2.3	1.6	0.6	2.4	1.7	0.7	2.5	1.9	0.7	2.9	2.3	0.8
		30	19	2.4	1.5	0.6	2.5	1.6	0.6	2.5	1.6	0.7	2.6	1.7	0.7	2.7	1.9	0.7	3.2	2.3	0.8
			23	2.6	1.3	0.6	2.6	1.3	0.7	2.6	1.3	0.7	2.7	1.4	0.7	2.9	1.6	0.8	3.4	1.9	0.8
			16	2.4	1.6	0.6	2.4	1.7	0.6	2.4	1.7	0.6	2.5	1.8	0.7	2.7	2.0	0.7	3.1	2.5	0.8
		32	19	2.5	1.7	0.6	2.5	1.8	0.7	2.6	1.8	0.7	2.6	1.9	0.7	2.8	2.1	0.7	3.3	2.6	0.8
			23	2.6	1.6	0.7	2.7	1.6	0.7	2.7	1.7	0.7	2.8	1.7	0.7	3.0	2.0	0.8	3.5	2.4	0.8
			9	1.5	0.6	0.5	1.5	0.6	0.5	1.5	0.7	0.5	1.5	0.7	0.5	1.6	0.8	0.5	1.9	1.0	0.6
Low	500	18	12	1.5	0.4	0.5	1.5	0.4	0.5	1.6	0.4	0.5	1.6	0.5	0.5	1.7	0.5	0.6	2.0	0.6	0.6
			15	1.8	0.4	0.5	1.8	0.4	0.5	1.9	0.4	0.5	1.9	0.5	0.6	2.0	0.5	0.6	2.4	0.6	0.7
			12	1.8	1.0	0.6	1.8	1.0	0.6	1.9	1.0	0.6	1.9	1.0	0.6	2.0	1.2	0.6	2.4	1.5	0.7
		21	15	1.9	0.8	0.6	1.9	0.8	0.6	1.9	0.8	0.6	2.0	0.9	0.6	2.1	1.0	0.7	2.4	1.2	0.7
			19	2.2	0.6	0.6	2.2	0.6	0.6	2.2	0.7	0.6	2.3	0.7	0.7	2.4	0.8	0.7	2.8	0.9	0.8
			16	1.9	1.0	0.6	2.0	1.0	0.6	2.0	1.0	0.6	2.0	1.1	0.6	2.2	1.2	0.7	2.5	1.5	0.7
		24	19	2.2	1.0	0.6	2.2	1.0	0.6	2.3	1.0	0.6	2.3	1.0	0.6	2.3	1.0	0.7	2.9	1.5	0.8
			23	2.2	0.4	0.6	2.2	0.5	0.7	2.2	0.5	0.7	2.3	0.5	0.7	2.4	0.6	0.7	2.8	0.7	0.8
			16	2.0	1.2	0.6	2.0	1.3	0.6	2.1	1.3	0.6	2.1	1.3	0.7	2.3	1.5	0.7	2.6	1.9	0.8
		27	19	2.2	1.2	0.6	2.3	1.2	0.6	2.3	1.3	0.6	2.4	1.3	0.7	2.5	1.5	0.7	2.9	1.9	0.8
			23	2.4	0.8	0.6	2.4	0.8	0.6	2.4	0.9	0.7	2.5	0.9	0.7	2.7	1.0	0.7	3.1	1.3	0.8
			19	2.3	1.3	0.6	2.3	1.3	0.6	2.4	1.4	0.6	2.4	1.4	0.7	2.6	1.6	0.7	3.0	2.0	0.8
		29	16	2.1	1.4	0.6	2.2	1.4	0.6	2.2	1.4	0.6	2.2	1.5	0.7	2.4	1.7	0.7	2.8	2.1	0.8
			19	2.3	1.4	0.6	2.3	1.4	0.6	2.4	1.5	0.6	2.4	1.5	0.7	2.6	1.7	0.7	3.0	2.1	0.8
			23	2.4	1.1	0.6	2.5	1.2	0.7	2.5	1.2	0.7	2.6	1.2	0.7	2.7	1.4	0.7	3.2	1.7	0.8
		30	16	2.2	1.5	0.6	2.3	1.5	0.6	2.3	1.6	0.6	2.4	1.6	0.6	2.4	1.8	0.7	2.9	2.3	0.8
			19	2.4	1.6	0.6	2.4	1.6	0.6	2.4	1.6	0.7	2.5	1.7	0.7	2.7	1.9	0.7	3.1	2.4	0.8
			23	2.6	1.5	0.7	2.7	1.6	0.7	2.7	1.6	0.7	2.8	1.7	0.7	3.0	1.9	0.8	3.5	2.3	0.8

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				30			35			39			43			46			48				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	700	18	9	2.1	1.3	0.7	2.2	1.4	0.8	2.2	1.4	0.9	1.8	1.1	0.7	1.7	1.1	0.7	1.5	1.0	0.7		
			12	2.2	0.8	0.7	2.3	0.9	0.8	2.2	0.9	0.9	1.8	0.7	0.7	1.7	0.7	0.7	1.6	0.7	0.7		
			15	2.7	0.9	0.8	2.8	0.9	0.9	2.7	0.9	1.0	2.2	0.8	0.8	2.1	0.7	0.8	1.9	0.7	0.8		
		21	12	2.7	1.9	0.8	2.7	2.1	0.9	2.7	2.1	1.0	2.2	1.7	0.8	2.1	1.7	0.8	1.9	1.6	0.8		
			15	2.7	1.6	0.8	2.8	1.7	1.0	2.8	1.7	1.1	2.2	1.4	0.9	2.1	1.4	0.8	2.0	1.3	0.8		
			19	3.2	1.3	0.9	3.3	1.4	1.0	3.2	1.4	1.1	2.6	1.1	0.9	2.4	1.1	0.9	2.3	1.0	0.9		
		24	16	2.8	2.0	0.8	2.9	2.2	1.0	2.9	2.1	1.1	2.3	1.8	0.9	2.2	1.7	0.8	2.1	1.6	0.8		
			19	3.2	1.9	0.9	3.3	2.1	1.0	3.3	2.1	1.1	2.7	1.7	0.9	2.5	1.7	0.9	2.3	1.6	0.9		
			23	3.2	0.9	0.9	3.3	1.0	1.1	3.2	1.0	1.2	2.6	0.8	1.0	2.4	0.8	0.9	2.3	0.7	0.9		
		27	16	3.0	2.5	0.9	3.1	2.7	1.0	3.0	2.7	1.1	2.4	2.2	0.9	2.3	2.1	0.9	2.1	2.0	0.9		
			19	3.3	2.5	0.9	3.4	2.7	1.1	3.3	2.7	1.2	2.7	2.2	1.0	2.6	2.1	0.9	2.4	2.0	0.9		
			23	3.5	1.7	0.9	3.6	1.8	1.1	3.5	1.8	1.2	2.9	1.5	1.0	2.7	1.4	0.9	2.5	1.4	0.9		
		29	19	3.4	2.7	0.9	3.5	2.9	1.1	3.4	2.8	1.2	2.8	2.4	1.0	2.6	2.3	0.9	2.4	2.2	0.9		
			16	3.1	2.8	0.9	3.2	3.0	1.0	3.2	3.0	1.1	2.6	2.5	0.9	2.4	2.4	0.9	2.3	2.3	0.9		
			19	3.4	2.8	0.9	3.5	3.1	1.1	3.4	3.0	1.2	2.8	2.5	1.0	2.6	2.4	0.9	2.5	2.3	0.9		
		30	23	3.6	2.3	0.9	3.7	2.5	1.1	3.6	2.5	1.2	2.9	2.1	1.0	2.8	2.0	0.9	2.6	1.9	0.9		
			16	3.3	3.0	0.9	3.4	3.3	1.1	3.3	3.2	1.2	2.7	2.7	1.0	2.5	2.6	0.9	2.4	2.4	0.9		
			19	3.5	3.2	0.9	3.6	3.4	1.1	3.5	3.4	1.2	2.9	2.8	1.0	2.7	2.7	0.9	2.5	2.6	0.9		
		32	23	3.6	2.9	0.9	3.7	3.1	1.1	3.6	3.1	1.2	3.0	2.6	1.0	2.8	2.5	0.9	2.6	2.3	0.9		
			9	2.1	1.2	0.7	2.2	1.3	0.8	2.1	1.3	0.8	1.7	1.0	0.7	1.6	1.0	0.7	1.5	1.0	0.7		
			12	2.2	0.8	0.7	2.2	0.8	0.8	2.2	0.8	0.9	1.8	0.7	0.7	1.7	0.7	0.7	1.6	0.6	0.7		
		Medium	600	18	15	2.6	0.8	0.8	2.7	0.9	0.9	2.6	0.8	1.0	2.2	0.7	0.8	2.0	0.7	0.8	1.9	0.6	0.8
					12	2.6	1.8	0.8	2.7	1.9	0.9	2.6	1.9	1.0	2.1	1.6	0.8	2.0	1.5	0.8	1.9	1.4	0.8
					15	2.7	1.5	0.8	2.8	1.6	1.0	2.7	1.6	1.0	2.2	1.3	0.9	2.1	1.2	0.8	1.9	1.2	0.8
21	19			3.1	1.1	0.9	3.2	1.2	1.0	3.1	1.2	1.1	2.6	1.0	0.9	2.4	1.0	0.9	2.2	0.9	0.9		
	16			2.8	1.8	0.8	2.9	2.0	1.0	2.8	2.0	1.0	2.3	1.6	0.9	2.2	1.6	0.8	2.0	1.5	0.8		
	19			3.2	1.8	0.9	3.3	1.9	1.0	3.2	1.9	1.1	2.6	1.6	0.9	2.4	1.5	0.9	2.3	1.4	0.9		
24	23			3.1	0.8	0.9	3.2	0.9	1.1	3.1	0.9	1.2	2.6	0.7	1.0	2.4	0.7	0.9	2.2	0.7	0.9		
	16			2.9	2.3	0.9	3.0	2.5	1.0	2.9	2.4	1.1	2.4	2.0	0.9	2.2	1.9	0.9	2.1	1.8	0.9		
	19			3.2	2.3	0.9	3.3	2.4	1.0	3.3	2.4	1.1	2.7	2.0	0.9	2.5	1.9	0.9	2.3	1.8	0.9		
27	23			3.4	1.5	0.9	3.5	1.7	1.1	3.5	1.6	1.2	2.8	1.4	1.0	2.6	1.3	0.9	2.5	1.2	0.9		
	19			3.3	2.4	0.9	3.4	2.6	1.1	3.3	2.6	1.2	2.7	2.2	1.0	2.5	2.1	0.9	2.4	2.0	0.9		
	16			3.1	2.5	0.9	3.2	2.8	1.0	3.1	2.7	1.1	2.5	2.3	0.9	2.4	2.2	0.9	2.2	2.1	0.9		
30	19			3.3	2.6	0.9	3.4	2.8	1.1	3.4	2.8	1.2	2.7	2.3	1.0	2.6	2.2	0.9	2.4	2.1	0.9		
	23			3.5	2.1	0.9	3.6	2.3	1.1	3.5	2.3	1.2	2.9	1.9	1.0	2.7	1.8	0.9	2.5	1.7	0.9		
	16			3.2	2.7	0.9	3.3	3.0	1.0	3.3	3.0	1.1	2.7	2.5	0.9	2.5	2.3	0.9	2.3	2.2	0.9		
32	19			3.4	2.9	0.9	3.5	3.1	1.1	3.5	3.1	1.2	2.8	2.6	1.0	2.6	2.5	0.9	2.5	2.4	0.9		
	23			3.6	2.7	0.9	3.7	2.9	1.1	3.6	2.9	1.2	3.0	2.4	1.0	2.8	2.3	0.9	2.6	2.2	0.9		
	9			2.0	1.1	0.7	2.0	1.2	0.8	2.0	1.1	0.8	1.6	0.9	0.7	1.5	0.9	0.7	1.4	0.9	0.7		
Low	500			18	12	2.1	0.7	0.7	2.1	0.8	0.8	2.1	0.7	0.9	1.7	0.6	0.7	1.6	0.6	0.7	1.5	0.6	0.7
					15	2.5	0.7	0.7	2.6	0.8	0.9	2.5	0.8	1.0	2.0	0.6	0.8	1.9	0.6	0.7	1.8	0.6	0.8
					12	2.5	1.6	0.8	2.5	1.7	0.9	2.5	1.7	1.0	2.0	1.4	0.8	1.9	1.4	0.8	1.8	1.3	0.8
				21	15	2.5	1.3	0.8	2.6	1.4	0.9	2.6	1.4	1.0	2.1	1.2	0.9	2.0	1.1	0.8	1.8	1.1	0.8
					19	2.9	1.0	0.9	3.0	1.1	1.0	3.0	1.1	1.1	2.4	0.9	0.9	2.3	0.9	0.9	2.1	0.8	0.9
					16	2.6	1.7	0.8	2.7	1.8	0.9	2.7	1.8	1.0	2.2	1.5	0.9	2.0	1.4	0.8	1.9	1.3	0.8
		24	19	3.0	1.6	0.9	3.1	1.7	1.0	3.0	1.7	1.1	2.5	1.4	0.9	2.3	1.4	0.9	2.2	1.3	0.9		
			23	2.9	0.8	0.9	3.0	0.8	1.1	3.0	0.8	1.2	2.4	0.7	1.0	2.3	0.6	0.9	2.1	0.6	0.9		
			16	2.8	2.1	0.9	2.8	2.2	1.0	2.8	2.2	1.1	2.3	1.8	0.9	2.1	1.8	0.9	2.0	1.7	0.9		
		27	19	3.1	2.0	0.9	3.2	2.2	1.0	3.1	2.2	1.1	2.5	1.8	0.9	2.4	1.8	0.9	2.2	1.7	0.9		
			23	3.3	1.4	0.9	3.4	1.5	1.1	3.3	1.5	1.2	2.7	1.2	1.0	2.5	1.2	0.9	2.3	1.1	0.9		
			19	3.1	2.2	0.9	3.2	2.4	1.0	3.2	2.4	1.1	2.6	2.0	0.9	2.4	1.9	0.9	2.3	1.8	0.9		
		29	16	2.9	2.3	0.9	3.0	2.5	1.0	2.9	2.5	1.1	2.4	2.1	0.9	2.2	2.0	0.9	2.1	1.9	0.9		
			19	3.2	2.3	0.9	3.3	2.5	1.0	3.2	2.5	1.1	2.6	2.1	0.9	2.4	2.0	0.9	2.3	1.9	0.9		
			23	3.3	1.9	0.9	3.4	2.1	1.1	3.4	2.1	1.2	2.7	1.7	1.0	2.6	1.6	0.9	2.4	1.6	0.9		
		30	16	3.1	2.5	0.9	3.2	2.7	1.0	3.1	2.7	1.1	2.5	2.2	0.9	2.4	2.1	0.9	2.2	2.0	0.9		
			19	3.3	2.6	0.9	3.4	2.9	1.1	3.3	2.8	1.2	2.7	2.3	1.0	2.5	2.2	0.9	2.3	2.1	0.9		
			23	3.6	2.6	0.9	3.7	2.8	1.1	3.6	2.8	1.2	3.0	2.3	1.0	2.8	2.2	0.9	2.6	2.1	0.9		

Outdoor Unit:GUHD18NK3C1O Indoor Unit:GTH18K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																		
				-15			-10			-7			-5			0						
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI				
High	900	18	9	2.3	1.0	0.7	2.3	1.1	0.7	2.3	1.1	0.7	2.4	1.1	0.7	2.4	1.2	0.7				
			12	2.4	0.7	0.7	2.4	0.7	0.7	2.4	0.7	0.7	2.4	0.7	0.7	2.5	0.7	0.7	2.5	0.8	0.8	
			15	2.8	0.7	0.8	2.9	0.7	0.8	2.9	0.7	0.8	2.9	0.7	0.8	3.0	0.8	0.8	3.0	0.8	0.8	
		21	12	2.8	1.6	0.8	2.9	1.6	0.8	2.9	1.7	0.8	2.9	1.7	0.8	2.9	1.7	0.9	3.0	1.8	0.9	
			15	2.9	1.3	0.8	2.9	1.3	0.8	3.0	1.4	0.9	3.0	1.4	0.9	3.0	1.4	0.9	3.1	1.4	0.9	
			19	3.4	1.0	0.9	3.4	1.0	0.9	3.5	1.1	0.9	3.5	1.1	0.9	3.5	1.1	0.9	3.6	1.1	1.0	
		24	16	3.0	1.6	0.8	3.1	1.7	0.8	3.1	1.7	0.9	3.1	1.7	0.9	3.2	1.7	0.9	3.2	1.8	0.9	
			19	3.4	1.6	0.9	3.5	1.6	0.9	3.5	1.7	0.9	3.5	1.7	0.9	3.6	1.7	0.9	3.6	1.7	1.0	
			23	3.4	0.7	0.9	3.4	0.8	1.0	3.5	0.8	1.0	3.5	0.8	1.0	3.5	0.8	1.0	3.6	0.8	1.0	
		27	16	3.1	2.0	0.9	3.2	2.1	0.9	3.2	2.1	0.9	3.3	2.2	0.9	3.3	2.2	0.9	3.3	2.2	0.9	
			19	3.5	2.0	0.9	3.6	2.0	0.9	3.6	2.1	0.9	3.7	2.2	1.0	3.7	2.2	1.0	3.7	2.2	1.0	
			23	3.7	1.3	0.9	3.8	1.4	0.9	3.8	1.4	1.0	3.9	1.5	1.0	3.9	1.5	1.0	3.9	1.5	1.0	
		29	19	3.6	2.1	0.9	3.6	2.2	0.9	3.7	2.3	0.9	3.7	2.3	0.9	3.7	2.3	1.0	3.8	2.4	1.0	
			30	16	3.3	2.2	0.9	3.4	2.3	0.9	3.4	2.4	0.9	3.5	2.4	0.9	3.5	2.5	1.0	3.5	2.5	1.0
				19	3.6	2.3	0.9	3.7	2.3	0.9	3.7	2.4	0.9	3.8	2.5	1.0	3.8	2.5	1.0	3.8	2.5	1.0
		23		3.8	1.9	0.9	3.8	1.9	1.0	3.9	2.0	1.0	4.0	2.0	1.0	4.0	2.1	1.0	4.0	2.1	1.0	
		32	16	3.5	2.4	0.9	3.5	2.5	0.9	3.6	2.6	0.9	3.6	2.6	1.0	3.7	2.7	1.0	3.7	2.7	1.0	
			19	3.7	2.6	0.9	3.8	2.6	0.9	3.8	2.7	1.0	3.9	2.8	1.0	3.9	2.9	1.0	3.9	2.9	1.0	
			23	3.8	2.3	0.9	3.9	2.4	1.0	3.9	2.4	1.0	4.0	2.5	1.0	4.1	2.6	1.0	4.1	2.6	1.0	
		Medium	800	18	9	2.2	0.9	0.7	2.3	1.0	0.7	2.3	1.0	0.7	2.3	1.0	0.7	2.4	1.1	0.7		
					12	2.3	0.6	0.7	2.3	0.6	0.7	2.4	0.6	0.7	2.4	0.6	0.7	2.4	0.7	0.7	2.4	0.7
15	2.8				0.6	0.8	2.8	0.7	0.8	2.9	0.7	0.8	2.9	0.7	0.8	2.9	0.7	0.8	2.9	0.7	0.8	
21	12			2.8	1.4	0.8	2.8	1.5	0.8	2.8	1.5	0.8	2.9	1.6	0.8	2.9	1.6	0.9	2.9	1.6	0.9	
	15			2.8	1.2	0.8	2.9	1.2	0.8	2.9	1.2	0.8	3.0	1.3	0.9	3.0	1.3	0.9	3.0	1.3	0.9	
	19			3.3	0.9	0.9	3.3	0.9	0.9	3.4	1.0	0.9	3.4	1.0	0.9	3.5	1.0	0.9	3.5	1.0	0.9	
24	16			3.0	1.5	0.8	3.0	1.5	0.8	3.0	1.6	0.8	3.1	1.6	0.9	3.1	1.6	0.9	3.1	1.6	0.9	
	19			3.4	1.4	0.9	3.4	1.5	0.9	3.5	1.5	0.9	3.5	1.5	0.9	3.6	1.6	1.0	3.6	1.6	1.0	
	23			3.3	0.7	0.9	3.3	0.7	0.9	3.4	0.7	1.0	3.4	0.7	1.0	3.5	0.7	1.0	3.5	0.7	1.0	
27	16			3.1	1.8	0.9	3.1	1.9	0.9	3.2	1.9	0.9	3.2	2.0	0.9	3.3	2.0	0.9	3.3	2.0	0.9	
	19			3.4	1.8	0.9	3.5	1.9	0.9	3.5	1.9	0.9	3.6	2.0	0.9	3.6	2.0	0.9	3.6	2.0	1.0	
	23			3.6	1.2	0.9	3.7	1.3	0.9	3.7	1.3	0.9	3.8	1.3	1.0	3.9	1.4	1.0	3.9	1.4	1.0	
29	19			3.5	1.9	0.9	3.5	2.0	0.9	3.6	2.1	0.9	3.7	2.1	1.0	3.7	2.2	1.0	3.7	2.2	1.0	
	30			16	3.2	2.0	0.9	3.3	2.1	0.9	3.3	2.2	0.9	3.4	2.2	0.9	3.4	2.3	0.9	3.4	2.3	0.9
				19	3.5	2.1	0.9	3.6	2.1	0.9	3.6	2.2	0.9	3.7	2.3	1.0	3.7	2.3	1.0	3.7	2.3	1.0
23				3.7	1.7	0.9	3.8	1.7	0.9	3.8	1.8	1.0	3.9	1.8	1.0	3.9	1.9	1.0	3.9	1.9	1.0	
32	16			3.4	2.2	0.9	3.5	2.3	0.9	3.5	2.3	0.9	3.6	2.4	0.9	3.6	2.5	1.0	3.6	2.5	1.0	
	19			3.6	2.3	0.9	3.7	2.4	0.9	3.7	2.5	0.9	3.8	2.5	1.0	3.9	2.6	1.0	3.9	2.6	1.0	
	23			3.8	2.2	0.9	3.9	2.2	1.0	3.9	2.3	1.0	4.0	2.3	1.0	4.1	2.4	1.0	4.1	2.4	1.0	
Low	700			18	9	2.1	0.9	0.7	2.1	0.9	0.7	2.2	0.9	0.7	2.2	0.9	0.7	2.2	1.0	0.7		
					12	2.2	0.6	0.7	2.2	0.6	0.7	2.3	0.6	0.7	2.3	0.6	0.7	2.3	0.6	0.7	2.3	0.6
		15	2.6		0.6	0.8	2.7	0.6	0.8	2.7	0.6	0.8	2.8	0.6	0.8	2.8	0.6	0.8	2.8	0.6	0.8	
		21	12	2.6	1.3	0.8	2.7	1.3	0.8	2.7	1.4	0.8	2.7	1.4	0.8	2.8	1.4	0.8	2.8	1.4	0.9	
			15	2.7	1.1	0.8	2.7	1.1	0.8	2.8	1.1	0.8	2.8	1.2	0.9	2.8	1.2	0.9	2.8	1.2	0.9	
			19	3.1	0.8	0.9	3.2	0.9	0.9	3.2	0.9	0.9	3.3	0.9	0.9	3.3	0.9	0.9	3.3	0.9	0.9	
		24	16	2.8	1.3	0.8	2.8	1.4	0.8	2.9	1.4	0.8	2.9	1.4	0.9	3.0	1.5	0.9	3.0	1.5	0.9	
			19	3.2	1.3	0.9	3.2	1.3	0.9	3.3	1.4	0.9	3.3	1.4	0.9	3.4	1.4	0.9	3.4	1.4	0.9	
			23	3.1	0.6	0.9	3.2	0.6	0.9	3.2	0.6	0.9	3.3	0.7	1.0	3.3	0.7	1.0	3.3	0.7	1.0	
		27	16	2.9	1.7	0.9	3.0	1.7	0.9	3.0	1.8	0.9	3.1	1.8	0.9	3.1	1.9	0.9	3.1	1.9	0.9	
			19	3.3	1.6	0.9	3.3	1.7	0.9	3.4	1.7	0.9	3.4	1.8	0.9	3.5	1.8	1.0	3.5	1.8	1.0	
			23	3.4	1.1	0.9	3.5	1.1	0.9	3.6	1.2	0.9	3.6	1.2	1.0	3.7	1.3	1.0	3.7	1.3	1.0	
		29	19	3.3	1.8	0.9	3.4	1.8	0.9	3.4	1.9	0.9	3.5	1.9	0.9	3.5	2.0	1.0	3.5	2.0	1.0	
			30	16	3.1	1.9	0.9	3.1	1.9	0.9	3.2	2.0	0.9	3.2	2.0	0.9	3.3	2.1	0.9	3.3	2.1	0.9
				19	3.4	1.9	0.9	3.4	1.9	0.9	3.5	2.0	0.9	3.5	2.1	0.9	3.6	2.1	1.0	3.6	2.1	1.0
		23		3.5	1.5	0.9	3.6	1.6	0.9	3.6	1.6	0.9	3.7	1.7	1.0	3.7	1.7	1.0	3.7	1.7	1.0	
		32	16	3.2	2.0	0.9	3.3	2.1	0.9	3.3	2.1	0.9	3.4	2.2	0.9	3.4	2.2	1.0	3.4	2.2	1.0	
			19	3.4	2.1	0.9	3.5	2.2	0.9	3.6	2.2	0.9	3.6	2.3	1.0	3.7	2.4	1.0	3.7	2.4	1.0	
			23	3.8	2.1	0.9	3.9	2.1	1.0	3.9	2.2	1.0	4.0	2.2	1.0	4.1	2.3	1.0	4.1	2.3	1.0	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																		
				5			10			15			18			21			25			
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	900	18	9	2.4	1.2	0.7	2.5	1.2	0.7	2.5	1.3	0.8	2.6	1.3	0.8	2.7	1.5	0.9	3.2	1.8	0.9	
			12	2.5	0.8	0.8	2.6	0.8	0.8	2.6	0.8	0.8	2.7	0.8	0.8	2.9	1.0	0.9	3.3	1.2	1.0	
			15	3.0	0.8	0.8	3.1	0.8	0.9	3.1	0.8	0.9	3.2	0.9	0.9	3.4	1.0	1.0	4.0	1.2	1.1	
		21	12	3.0	1.8	0.9	3.1	1.8	0.9	3.1	1.9	0.9	3.2	2.0	1.0	3.4	2.2	1.0	4.0	2.8	1.1	
			15	3.1	1.5	0.9	3.2	1.5	0.9	3.2	1.6	0.9	3.3	1.6	1.0	3.5	1.8	1.1	4.1	2.3	1.1	
			19	3.6	1.2	1.0	3.7	1.2	1.0	3.7	1.2	1.0	3.8	1.3	1.1	4.1	1.4	1.1	4.7	1.8	1.2	
		24	16	3.2	1.8	0.9	3.3	1.9	0.9	3.3	1.9	0.9	3.4	2.0	1.0	3.7	2.3	1.1	4.3	2.8	1.1	
			19	3.7	1.8	1.0	3.7	1.8	1.0	3.8	1.9	1.0	3.9	2.0	1.1	4.2	2.2	1.1	4.8	2.7	1.2	
			23	3.6	0.8	1.0	3.7	0.9	1.0	3.7	0.9	1.1	3.8	0.9	1.1	4.1	1.1	1.2	4.7	1.3	1.3	
		27	16	3.4	2.3	1.0	3.4	2.4	1.0	3.5	2.4	1.0	3.6	2.5	1.0	3.8	2.9	1.1	4.4	3.5	1.2	
			19	3.8	2.3	1.0	3.8	2.4	1.0	3.9	2.4	1.0	4.0	2.5	1.1	4.2	2.8	1.2	4.9	3.5	1.2	
			23	4.0	1.6	1.0	4.0	1.6	1.0	4.1	1.6	1.0	4.2	1.7	1.1	4.5	1.9	1.2	5.2	2.4	1.3	
	29	19	3.8	2.5	1.0	3.9	2.5	1.0	3.9	2.6	1.0	4.1	2.7	1.1	4.3	3.0	1.2	5.0	3.8	1.2		
		16	3.6	2.6	1.0	3.6	2.6	1.0	3.7	2.7	1.0	3.8	2.8	1.1	4.0	3.2	1.1	4.7	3.9	1.2		
		19	3.9	2.6	1.0	3.9	2.7	1.0	4.0	2.8	1.0	4.1	2.9	1.1	4.4	3.3	1.2	5.1	4.0	1.2		
	30	23	4.1	2.1	1.0	4.1	2.2	1.0	4.2	2.3	1.1	4.3	2.4	1.1	4.6	2.7	1.2	5.3	3.3	1.3		
		16	3.7	2.8	1.0	3.8	2.9	1.0	3.9	2.9	1.0	4.0	3.1	1.1	4.2	3.5	1.2	4.9	4.3	1.2		
		19	4.0	2.9	1.0	4.0	3.0	1.0	4.1	3.1	1.0	4.2	3.2	1.1	4.5	3.7	1.2	5.2	4.5	1.3		
	32	23	4.1	2.7	1.0	4.2	2.7	1.0	4.2	2.8	1.1	4.3	2.9	1.1	4.6	3.3	1.2	5.4	4.1	1.3		
		9	2.4	1.1	0.7	2.4	1.1	0.7	2.5	1.1	0.7	2.5	1.2	0.8	2.7	1.3	0.8	3.1	1.7	0.9		
		12	2.5	0.7	0.8	2.5	0.7	0.8	2.5	0.7	0.8	2.6	0.8	0.8	2.8	0.9	0.9	3.2	1.1	0.9		
	Medium	800	18	15	3.0	0.7	0.8	3.0	0.7	0.8	3.1	0.8	0.9	3.2	0.8	0.9	3.4	0.9	1.0	3.9	1.1	1.0
				12	3.0	1.6	0.9	3.0	1.7	0.9	3.1	1.7	0.9	3.1	1.8	0.9	3.4	2.0	1.0	3.9	2.5	1.1
				15	3.0	1.3	0.9	3.1	1.4	0.9	3.1	1.4	0.9	3.2	1.5	1.0	3.4	1.7	1.0	4.0	2.1	1.1
21			19	3.5	1.1	1.0	3.6	1.1	1.0	3.6	1.1	1.0	3.7	1.2	1.0	4.0	1.3	1.1	4.6	1.6	1.2	
			16	3.2	1.7	0.9	3.2	1.7	0.9	3.3	1.8	0.9	3.4	1.8	1.0	3.6	2.1	1.0	4.2	2.6	1.1	
			19	3.6	1.6	1.0	3.7	1.7	1.0	3.7	1.7	1.0	3.8	1.8	1.1	4.1	2.0	1.1	4.7	2.5	1.2	
24			23	3.5	0.8	1.0	3.6	0.8	1.0	3.6	0.8	1.0	3.7	0.8	1.1	4.0	1.0	1.2	4.6	1.2	1.3	
			16	3.3	2.1	1.0	3.4	2.2	1.0	3.4	2.2	1.0	3.5	2.3	1.0	3.7	2.6	1.1	4.3	3.2	1.2	
			19	3.7	2.1	1.0	3.7	2.1	1.0	3.8	2.2	1.0	3.9	2.3	1.1	4.2	2.6	1.1	4.8	3.2	1.2	
27			23	3.9	1.4	1.0	4.0	1.5	1.0	4.0	1.5	1.0	4.1	1.6	1.1	4.4	1.8	1.2	5.1	2.2	1.2	
			19	3.8	2.2	1.0	3.8	2.3	1.0	3.9	2.4	1.0	4.0	2.5	1.1	4.2	2.8	1.2	4.9	3.4	1.2	
			16	3.5	2.3	1.0	3.5	2.4	1.0	3.6	2.5	1.0	3.7	2.6	1.0	3.9	2.9	1.1	4.6	3.6	1.2	
30		19	3.8	2.4	1.0	3.9	2.5	1.0	3.9	2.5	1.0	4.0	2.6	1.1	4.3	3.0	1.2	5.0	3.7	1.2		
		23	4.0	2.0	1.0	4.0	2.0	1.0	4.1	2.1	1.0	4.2	2.1	1.1	4.5	2.4	1.2	5.2	3.0	1.3		
		16	3.7	2.5	1.0	3.7	2.6	1.0	3.8	2.7	1.0	3.9	2.8	1.1	4.1	3.2	1.1	4.8	3.9	1.2		
32		19	3.9	2.7	1.0	4.0	2.7	1.0	4.0	2.8	1.0	4.1	2.9	1.1	4.4	3.3	1.2	5.1	4.1	1.2		
		23	4.1	2.5	1.0	4.2	2.5	1.0	4.2	2.6	1.1	4.3	2.7	1.1	4.6	3.1	1.2	5.4	3.8	1.3		
		9	2.3	1.0	0.7	2.3	1.0	0.7	2.3	1.0	0.7	2.4	1.1	0.8	2.6	1.2	0.8	3.0	1.5	0.9		
Low		700	18	12	2.4	0.6	0.8	2.4	0.7	0.8	2.4	0.7	0.8	2.5	0.7	0.8	2.7	0.8	0.9	3.1	1.0	0.9
				15	2.8	0.7	0.8	2.9	0.7	0.8	2.9	0.7	0.9	3.0	0.7	0.9	3.2	0.8	1.0	3.7	1.0	1.0
				12	2.8	1.5	0.9	2.9	1.5	0.9	2.9	1.6	0.9	3.0	1.6	0.9	3.2	1.9	1.0	3.7	2.3	1.1
			21	15	2.9	1.2	0.9	2.9	1.3	0.9	3.0	1.3	0.9	3.1	1.3	1.0	3.3	1.5	1.0	3.8	1.9	1.1
				19	3.4	1.0	1.0	3.4	1.0	1.0	3.5	1.0	1.0	3.5	1.1	1.0	3.8	1.2	1.1	4.4	1.5	1.2
				16	3.0	1.5	0.9	3.1	1.6	0.9	3.1	1.6	0.9	3.2	1.7	1.0	3.4	1.9	1.0	4.0	2.3	1.1
	24		19	3.4	1.5	1.0	3.5	1.5	1.0	3.5	1.6	1.0	3.6	1.6	1.0	3.9	1.8	1.1	4.5	2.3	1.2	
			23	3.4	0.7	1.0	3.4	0.7	1.0	3.5	0.7	1.0	3.6	0.8	1.1	3.8	0.9	1.2	4.4	1.1	1.2	
			16	3.1	1.9	0.9	3.2	2.0	1.0	3.2	2.0	1.0	3.3	2.1	1.0	3.5	2.4	1.1	4.1	2.9	1.2	
	27		19	3.5	1.9	1.0	3.5	1.9	1.0	3.6	2.0	1.0	3.7	2.1	1.1	3.9	2.4	1.1	4.6	2.9	1.2	
			23	3.7	1.3	1.0	3.8	1.3	1.0	3.8	1.4	1.0	3.9	1.4	1.1	4.2	1.6	1.2	4.9	2.0	1.2	
			19	3.6	2.0	1.0	3.6	2.1	1.0	3.7	2.1	1.0	3.8	2.2	1.1	4.0	2.5	1.1	4.7	3.1	1.2	
	29	16	3.3	2.1	1.0	3.4	2.2	1.0	3.4	2.2	1.0	3.5	2.3	1.0	3.7	2.7	1.1	4.3	3.3	1.2		
		19	3.6	2.2	1.0	3.7	2.2	1.0	3.7	2.3	1.0	3.8	2.4	1.1	4.1	2.7	1.1	4.7	3.3	1.2		
		23	3.8	1.8	1.0	3.8	1.8	1.0	3.9	1.9	1.0	4.0	1.9	1.1	4.3	2.2	1.2	5.0	2.7	1.2		
	32	16	3.5	2.3	1.0	3.5	2.4	1.0	3.6	2.4	1.0	3.7	2.5	1.1	3.9	2.9	1.1	4.6	3.5	1.2		
		19	3.7	2.4	1.0	3.8	2.5	1.0	3.8	2.6	1.0	3.9	2.7	1.1	4.2	3.0	1.2	4.9	3.7	1.2		
		23	4.1	2.4	1.0	4.2	2.4	1.0	4.2	2.5	1.1	4.3	2.6	1.1	4.6	2.9	1.2	5.4	3.6	1.3		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																		
		DB(°C)	WB(°C)	30			35			39			43			46			48			
				TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	900	18	9	3.3	2.0	1.0	3.4	2.2	1.2	3.4	2.1	1.3	2.7	1.8	1.1	2.6	1.7	1.0	2.4	1.6	1.1	
			12	3.5	1.3	1.1	3.6	1.4	1.3	3.5	1.4	1.4	2.9	1.2	1.1	2.7	1.1	1.1	2.5	1.1	1.1	
			15	4.2	1.3	1.2	4.3	1.5	1.4	4.2	1.4	1.5	3.4	1.2	1.3	3.2	1.1	1.2	3.0	1.1	1.2	
		21	12	4.1	3.0	1.3	4.3	3.3	1.5	4.2	3.3	1.6	3.4	2.7	1.3	3.2	2.6	1.3	3.0	2.5	1.3	
			15	4.2	2.5	1.3	4.4	2.7	1.5	4.3	2.7	1.6	3.5	2.2	1.4	3.3	2.1	1.3	3.1	2.0	1.3	
			19	4.9	2.0	1.4	5.1	2.1	1.6	5.0	2.1	1.8	4.1	1.8	1.5	3.8	1.7	1.4	3.6	1.6	1.4	
		24	16	4.4	3.1	1.3	4.6	3.4	1.5	4.5	3.3	1.6	3.7	2.8	1.4	3.4	2.7	1.3	3.2	2.5	1.3	
			19	5.0	3.0	1.4	5.2	3.3	1.6	5.1	3.2	1.8	4.2	2.7	1.5	3.9	2.6	1.4	3.6	2.5	1.4	
			23	4.9	1.4	1.4	5.1	1.5	1.7	5.0	1.5	1.9	4.1	1.3	1.5	3.8	1.2	1.4	3.6	1.2	1.5	
		27	16	4.6	3.9	1.4	4.8	4.2	1.6	4.7	4.2	1.7	3.8	3.5	1.4	3.6	3.3	1.4	3.3	3.2	1.4	
			19	5.1	3.9	1.4	5.3	4.2	1.7	5.2	4.1	1.8	4.2	3.5	1.5	4.0	3.3	1.4	3.7	3.1	1.4	
			23	5.4	2.6	1.4	5.6	2.8	1.7	5.5	2.8	1.8	4.5	2.3	1.5	4.2	2.2	1.4	3.9	2.1	1.5	
		29	19	5.2	4.1	1.4	5.4	4.5	1.7	5.3	4.4	1.8	4.3	3.7	1.5	4.1	3.5	1.4	3.8	3.4	1.4	
			30	16	4.9	4.3	1.4	5.0	4.7	1.6	4.9	4.7	1.8	4.0	3.9	1.5	3.8	3.7	1.4	3.5	3.5	1.4
				19	5.3	4.4	1.4	5.5	4.8	1.7	5.3	4.7	1.8	4.4	3.9	1.5	4.1	3.8	1.4	3.8	3.6	1.4
		23		5.6	3.6	1.4	5.7	3.9	1.7	5.6	3.9	1.9	4.6	3.2	1.5	4.3	3.1	1.4	4.0	2.9	1.5	
		32	16	5.1	4.7	1.4	5.3	5.1	1.6	5.2	5.0	1.8	4.2	4.2	1.5	4.0	4.0	1.4	3.7	3.8	1.4	
			19	5.4	4.9	1.4	5.6	5.4	1.7	5.5	5.3	1.8	4.5	4.4	1.5	4.2	4.2	1.4	3.9	4.0	1.5	
23	5.6		4.5	1.4	5.8	4.9	1.7	5.7	4.8	1.9	4.6	4.0	1.5	4.3	3.8	1.4	4.1	3.6	1.5			
Medium	800	18	9	3.3	1.8	1.0	3.4	2.0	1.2	3.3	2.0	1.3	2.7	1.6	1.1	2.5	1.6	1.0	2.4	1.5	1.1	
			12	3.4	1.2	1.1	3.5	1.3	1.3	3.4	1.3	1.4	2.8	1.1	1.1	2.6	1.0	1.1	2.4	1.0	1.1	
			15	4.1	1.2	1.2	4.2	1.3	1.4	4.1	1.3	1.5	3.4	1.1	1.2	3.2	1.0	1.2	2.9	1.0	1.2	
		21	12	4.1	2.8	1.2	4.2	3.0	1.5	4.1	3.0	1.6	3.4	2.5	1.3	3.1	2.4	1.2	2.9	2.2	1.3	
			15	4.2	2.3	1.3	4.3	2.5	1.5	4.2	2.4	1.6	3.4	2.0	1.3	3.2	1.9	1.3	3.0	1.8	1.3	
			19	4.8	1.8	1.4	5.0	1.9	1.6	4.9	1.9	1.7	4.0	1.6	1.4	3.7	1.5	1.4	3.5	1.5	1.4	
		24	16	4.3	2.8	1.3	4.5	3.1	1.5	4.4	3.0	1.6	3.6	2.5	1.3	3.4	2.4	1.3	3.1	2.3	1.3	
			19	4.9	2.8	1.4	5.1	3.0	1.6	5.0	3.0	1.8	4.1	2.5	1.5	3.8	2.4	1.4	3.6	2.2	1.4	
			23	4.8	1.3	1.4	5.0	1.4	1.7	4.9	1.4	1.8	4.0	1.2	1.5	3.7	1.1	1.4	3.5	1.1	1.5	
		27	16	4.5	3.5	1.3	4.7	3.8	1.6	4.6	3.8	1.7	3.7	3.2	1.4	3.5	3.0	1.3	3.3	2.9	1.4	
			19	5.0	3.5	1.4	5.2	3.8	1.6	5.1	3.8	1.8	4.2	3.1	1.5	3.9	3.0	1.4	3.6	2.9	1.4	
			23	5.3	2.4	1.4	5.5	2.6	1.7	5.4	2.6	1.8	4.4	2.1	1.5	4.1	2.0	1.4	3.9	1.9	1.4	
		29	19	5.1	3.8	1.4	5.3	4.1	1.6	5.2	4.0	1.8	4.2	3.4	1.5	4.0	3.2	1.4	3.7	3.1	1.4	
			30	16	4.8	4.0	1.4	4.9	4.3	1.6	4.8	4.3	1.7	3.9	3.5	1.4	3.7	3.4	1.4	3.4	3.2	1.4
				19	5.2	4.0	1.4	5.3	4.4	1.6	5.2	4.3	1.8	4.3	3.6	1.5	4.0	3.4	1.4	3.7	3.3	1.4
		23		5.4	3.3	1.4	5.6	3.6	1.7	5.5	3.5	1.8	4.5	2.9	1.5	4.2	2.8	1.4	3.9	2.7	1.5	
		32	16	5.0	4.3	1.4	5.2	4.6	1.6	5.1	4.6	1.8	4.1	3.8	1.5	3.9	3.7	1.4	3.6	3.5	1.4	
			19	5.3	4.5	1.4	5.5	4.9	1.7	5.4	4.8	1.8	4.4	4.0	1.5	4.1	3.9	1.4	3.9	3.7	1.4	
23	5.6		4.2	1.4	5.8	4.5	1.7	5.7	4.5	1.9	4.6	3.7	1.5	4.3	3.6	1.4	4.1	3.4	1.5			
Low	700	18	9	3.1	1.7	1.0	3.2	1.8	1.2	3.1	1.8	1.3	2.6	1.5	1.1	2.4	1.4	1.0	2.2	1.3	1.0	
			12	3.2	1.1	1.1	3.3	1.2	1.3	3.2	1.2	1.4	2.7	1.0	1.1	2.5	0.9	1.1	2.3	0.9	1.1	
			15	3.9	1.1	1.2	4.0	1.2	1.4	3.9	1.2	1.5	3.2	1.0	1.2	3.0	1.0	1.2	2.8	0.9	1.2	
		21	12	3.9	2.5	1.2	4.0	2.7	1.4	3.9	2.7	1.6	3.2	2.2	1.3	3.0	2.1	1.2	2.8	2.0	1.3	
			15	3.9	2.1	1.3	4.1	2.2	1.5	4.0	2.2	1.6	3.3	1.8	1.3	3.1	1.8	1.3	2.8	1.7	1.3	
			19	4.6	1.6	1.3	4.7	1.8	1.6	4.6	1.7	1.7	3.8	1.5	1.4	3.5	1.4	1.3	3.3	1.3	1.4	
		24	16	4.1	2.6	1.3	4.3	2.8	1.5	4.2	2.8	1.6	3.4	2.3	1.3	3.2	2.2	1.3	3.0	2.1	1.3	
			19	4.7	2.5	1.4	4.8	2.7	1.6	4.7	2.7	1.7	3.9	2.2	1.4	3.6	2.1	1.4	3.4	2.0	1.4	
			23	4.6	1.2	1.4	4.7	1.3	1.7	4.6	1.3	1.8	3.8	1.1	1.5	3.6	1.0	1.4	3.3	1.0	1.4	
		27	16	4.3	3.2	1.3	4.4	3.5	1.6	4.3	3.5	1.7	3.5	2.9	1.4	3.3	2.8	1.3	3.1	2.6	1.4	
			19	4.8	3.2	1.4	4.9	3.5	1.6	4.8	3.4	1.8	3.9	2.9	1.5	3.7	2.7	1.4	3.5	2.6	1.4	
			23	5.1	2.2	1.4	5.2	2.4	1.6	5.1	2.3	1.8	4.2	1.9	1.5	3.9	1.9	1.4	3.7	1.8	1.4	
		29	19	4.9	3.4	1.4	5.0	3.7	1.6	4.9	3.7	1.8	4.0	3.1	1.5	3.8	2.9	1.4	3.5	2.8	1.4	
			30	16	4.5	3.6	1.3	4.7	3.9	1.6	4.6	3.9	1.7	3.7	3.2	1.4	3.5	3.1	1.3	3.3	2.9	1.4
				19	4.9	3.7	1.4	5.1	4.0	1.6	5.0	3.9	1.8	4.1	3.3	1.5	3.8	3.1	1.4	3.6	3.0	1.4
		23		5.2	3.0	1.4	5.3	3.2	1.7	5.2	3.2	1.8	4.3	2.7	1.5	4.0	2.6	1.4	3.7	2.4	1.4	
		32	16	4.8	3.9	1.4	4.9	4.2	1.6	4.8	4.2	1.8	3.9	3.5	1.5	3.7	3.3	1.4	3.4	3.2	1.4	
			19	5.1	4.1	1.4	5.2	4.4	1.6	5.1	4.4	1.8	4.2	3.7	1.5	3.9	3.5	1.4	3.7	3.3	1.4	
23	5.6		4.0	1.4	5.8	4.3	1.7	5.7	4.3	1.9	4.6	3.6	1.5	4.3	3.4	1.4	4.1	3.2	1.5			

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD24NK3C1O Indoor Unit:GTH24K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																
				-15			-10			-7			-5			0				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1200	18	9	3.0	1.4	0.9	3.0	1.4	0.9	3.1	1.4	0.9	3.1	1.5	0.9	3.2	1.5	1.0		
			12	3.1	0.9	0.9	3.2	0.9	0.9	3.2	0.9	1.0	3.2	1.0	1.0	3.3	1.0	1.0		
			15	3.7	0.9	1.0	3.8	0.9	1.0	3.9	1.0	1.1	3.9	1.0	1.1	4.0	1.0	1.1		
		21	12	3.7	2.1	1.1	3.8	2.1	1.1	3.8	2.2	1.1	3.9	2.3	1.1	4.0	2.3	1.1		
			15	3.8	1.7	1.1	3.9	1.7	1.1	3.9	1.8	1.1	4.0	1.8	1.2	4.0	1.9	1.2		
			19	4.4	1.3	1.2	4.5	1.4	1.2	4.6	1.4	1.2	4.6	1.5	1.2	4.7	1.5	1.3		
		24	16	4.0	2.1	1.1	4.0	2.2	1.1	4.1	2.2	1.1	4.2	2.3	1.2	4.2	2.4	1.2		
			19	4.5	2.1	1.2	4.6	2.1	1.2	4.7	2.2	1.2	4.7	2.2	1.3	4.8	2.3	1.3		
			23	4.4	1.0	1.2	4.5	1.0	1.3	4.6	1.0	1.3	4.6	1.1	1.3	4.7	1.1	1.3		
		27	16	4.2	2.6	1.2	4.2	2.7	1.2	4.3	2.8	1.2	4.3	2.9	1.2	4.4	3.0	1.2		
			19	4.6	2.6	1.2	4.7	2.7	1.2	4.8	2.8	1.2	4.8	2.9	1.3	4.9	2.9	1.3		
			23	4.9	1.8	1.2	5.0	1.8	1.2	5.0	1.9	1.3	5.1	1.9	1.3	5.2	2.0	1.3		
		29	19	4.7	2.8	1.2	4.8	2.9	1.2	4.9	3.0	1.3	4.9	3.1	1.3	5.0	3.2	1.3		
			16	4.4	3.0	1.2	4.4	3.0	1.2	4.5	3.1	1.2	4.6	3.2	1.2	4.6	3.3	1.3		
			19	4.8	3.0	1.2	4.8	3.1	1.2	4.9	3.2	1.3	5.0	3.3	1.3	5.0	3.4	1.3		
		30	23	5.0	2.5	1.2	5.1	2.5	1.3	5.1	2.6	1.3	5.2	2.7	1.3	5.3	2.8	1.3		
			16	4.6	3.2	1.2	4.7	3.3	1.2	4.7	3.4	1.2	4.8	3.5	1.3	4.9	3.6	1.3		
			19	4.9	3.4	1.2	5.0	3.5	1.2	5.0	3.6	1.3	5.1	3.7	1.3	5.2	3.8	1.3		
		32	23	5.0	3.1	1.2	5.1	3.1	1.3	5.2	3.2	1.3	5.3	3.3	1.3	5.3	3.4	1.3		
			16	4.6	3.2	1.2	4.7	3.3	1.2	4.7	3.4	1.2	4.8	3.5	1.3	4.9	3.6	1.3		
			19	4.9	3.4	1.2	5.0	3.5	1.2	5.0	3.6	1.3	5.1	3.7	1.3	5.2	3.8	1.3		
		Medium	1050	18	9	2.9	1.2	0.9	3.0	1.3	0.9	3.0	1.3	0.9	3.1	1.4	0.9	3.1	1.4	0.9
					12	3.0	0.8	0.9	3.1	0.8	0.9	3.1	0.9	1.0	3.2	0.9	1.0	3.2	0.9	1.0
					15	3.7	0.8	1.0	3.7	0.9	1.0	3.8	0.9	1.0	3.8	0.9	1.1	3.9	0.9	1.1
21	12			3.7	1.9	1.1	3.7	1.9	1.1	3.8	2.0	1.1	3.8	2.1	1.1	3.9	2.1	1.1		
	15			3.7	1.5	1.1	3.8	1.6	1.1	3.9	1.6	1.1	3.9	1.7	1.1	4.0	1.7	1.2		
	19			4.3	1.2	1.2	4.4	1.3	1.2	4.5	1.3	1.2	4.5	1.3	1.2	4.6	1.4	1.2		
24	16			3.9	1.9	1.1	4.0	2.0	1.1	4.0	2.0	1.1	4.1	2.1	1.1	4.1	2.2	1.2		
	19			4.4	1.9	1.2	4.5	1.9	1.2	4.6	2.0	1.2	4.6	2.0	1.2	4.7	2.1	1.3		
	23			4.3	0.9	1.2	4.4	0.9	1.2	4.5	0.9	1.3	4.5	1.0	1.3	4.6	1.0	1.3		
27	16			4.1	2.4	1.2	4.1	2.5	1.2	4.2	2.6	1.2	4.3	2.6	1.2	4.3	2.7	1.2		
	19			4.5	2.4	1.2	4.6	2.5	1.2	4.7	2.5	1.2	4.7	2.6	1.3	4.8	2.7	1.3		
	23			4.8	1.6	1.2	4.9	1.7	1.2	4.9	1.7	1.3	5.0	1.8	1.3	5.1	1.8	1.3		
29	19			4.6	2.6	1.2	4.7	2.6	1.2	4.8	2.7	1.2	4.8	2.8	1.3	4.9	2.9	1.3		
	16			4.3	2.7	1.2	4.4	2.8	1.2	4.4	2.9	1.2	4.5	2.9	1.2	4.6	3.0	1.2		
	19			4.7	2.7	1.2	4.7	2.8	1.2	4.8	2.9	1.2	4.9	3.0	1.3	4.9	3.1	1.3		
30	23			4.9	2.2	1.2	5.0	2.3	1.2	5.0	2.4	1.3	5.1	2.4	1.3	5.2	2.5	1.3		
	16			4.5	2.9	1.2	4.6	3.0	1.2	4.6	3.1	1.2	4.7	3.2	1.3	4.8	3.3	1.3		
	19			4.8	3.1	1.2	4.9	3.2	1.2	4.9	3.3	1.3	5.0	3.3	1.3	5.1	3.4	1.3		
32	23			5.0	2.8	1.2	5.1	2.9	1.3	5.2	3.0	1.3	5.3	3.1	1.3	5.3	3.2	1.3		
	16			4.5	2.9	1.2	4.6	3.0	1.2	4.6	3.1	1.2	4.7	3.2	1.3	4.8	3.3	1.3		
	19			4.8	3.1	1.2	4.9	3.2	1.2	4.9	3.3	1.3	5.0	3.3	1.3	5.1	3.4	1.3		
Low	900			18	9	2.8	1.1	0.9	2.8	1.2	0.9	2.9	1.2	0.9	2.9	1.2	0.9	3.0	1.3	0.9
					12	2.9	0.7	0.9	2.9	0.8	0.9	3.0	0.8	0.9	3.0	0.8	1.0	3.1	0.8	1.0
					15	3.5	0.8	1.0	3.5	0.8	1.0	3.6	0.8	1.0	3.6	0.8	1.1	3.7	0.8	1.1
		21	12	3.5	1.7	1.0	3.5	1.8	1.1	3.6	1.8	1.1	3.6	1.9	1.1	3.7	1.9	1.1		
			15	3.5	1.4	1.1	3.6	1.4	1.1	3.7	1.5	1.1	3.7	1.5	1.1	3.8	1.6	1.1		
			19	4.1	1.1	1.2	4.2	1.1	1.2	4.2	1.2	1.2	4.3	1.2	1.2	4.4	1.2	1.2		
		24	16	3.7	1.8	1.1	3.8	1.8	1.1	3.8	1.9	1.1	3.9	1.9	1.1	3.9	2.0	1.1		
			19	4.2	1.7	1.2	4.3	1.8	1.2	4.3	1.8	1.2	4.4	1.9	1.2	4.5	1.9	1.2		
			23	4.1	0.8	1.2	4.2	0.8	1.2	4.3	0.8	1.3	4.3	0.9	1.3	4.4	0.9	1.3		
		27	16	3.9	2.2	1.1	3.9	2.3	1.2	4.0	2.3	1.2	4.0	2.4	1.2	4.1	2.5	1.2		
			19	4.3	2.2	1.2	4.4	2.2	1.2	4.4	2.3	1.2	4.5	2.4	1.2	4.6	2.4	1.3		
			23	4.6	1.5	1.2	4.6	1.5	1.2	4.7	1.6	1.2	4.8	1.6	1.3	4.8	1.7	1.3		
		29	19	4.4	2.3	1.2	4.4	2.4	1.2	4.5	2.5	1.2	4.6	2.5	1.3	4.6	2.6	1.3		
			16	4.1	2.4	1.2	4.1	2.5	1.2	4.2	2.6	1.2	4.3	2.7	1.2	4.3	2.7	1.2		
			19	4.4	2.5	1.2	4.5	2.6	1.2	4.6	2.6	1.2	4.6	2.7	1.3	4.7	2.8	1.3		
		30	23	4.6	2.0	1.2	4.7	2.1	1.2	4.8	2.2	1.3	4.9	2.2	1.3	4.9	2.3	1.3		
			16	4.3	2.6	1.2	4.3	2.7	1.2	4.4	2.8	1.2	4.5	2.9	1.2	4.5	3.0	1.3		
			19	4.6	2.8	1.2	4.6	2.9	1.2	4.7	3.0	1.2	4.8	3.0	1.3	4.8	3.1	1.3		
		32	23	5.0	2.7	1.2	5.1	2.8	1.3	5.2	2.9	1.3	5.3	3.0	1.3	5.3	3.0	1.3		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																				
				5			10			15			18			21			25					
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI			
High	1200	18	9	3.2	1.6	1.0	3.3	1.6	1.0	3.3	1.7	1.0	3.4	1.7	1.0	3.6	1.9	1.1	4.2	2.4	1.2			
			12	3.3	1.0	1.0	3.4	1.1	1.0	3.4	1.1	1.0	3.5	1.1	1.1	3.8	1.3	1.2	4.4	1.6	1.3			
			15	4.0	1.1	1.1	4.1	1.1	1.1	4.1	1.1	1.1	4.3	1.2	1.2	4.5	1.3	1.3	5.3	1.6	1.4			
		21	12	4.0	2.4	1.2	4.1	2.4	1.2	4.1	2.5	1.2	4.2	2.6	1.3	4.5	3.0	1.4	5.2	3.6	1.5			
			15	4.1	1.9	1.2	4.2	2.0	1.2	4.2	2.1	1.2	4.3	2.1	1.3	4.6	2.4	1.4	5.4	3.0	1.5			
			19	4.8	1.5	1.3	4.8	1.6	1.3	4.9	1.6	1.3	5.0	1.7	1.4	5.4	1.9	1.5	6.2	2.4	1.6			
		24	16	4.3	2.4	1.2	4.3	2.5	1.2	4.4	2.6	1.2	4.5	2.7	1.3	4.8	3.0	1.4	5.6	3.7	1.5			
			19	4.9	2.4	1.3	4.9	2.4	1.3	5.0	2.5	1.3	5.1	2.6	1.4	5.5	2.9	1.5	6.4	3.6	1.6			
			23	4.8	1.1	1.3	4.8	1.1	1.4	4.9	1.2	1.4	5.0	1.2	1.5	5.4	1.4	1.6	6.3	1.7	1.7			
		27	16	4.5	3.0	1.3	4.5	3.1	1.3	4.6	3.2	1.3	4.7	3.3	1.4	5.0	3.8	1.5	5.9	4.7	1.6			
			19	5.0	3.0	1.3	5.0	3.1	1.3	5.1	3.2	1.4	5.3	3.3	1.4	5.6	3.8	1.5	6.5	4.6	1.6			
			23	5.3	2.1	1.3	5.3	2.1	1.4	5.4	2.2	1.4	5.6	2.3	1.4	5.9	2.6	1.6	6.9	3.1	1.7			
		29	19	5.1	3.2	1.3	5.1	3.3	1.3	5.2	3.4	1.4	5.4	3.6	1.4	5.7	4.0	1.5	6.6	5.0	1.7			
			16	4.7	3.4	1.3	4.8	3.5	1.3	4.8	3.6	1.3	5.0	3.7	1.4	5.3	4.2	1.5	6.2	5.2	1.6			
			19	5.1	3.5	1.3	5.2	3.6	1.3	5.3	3.6	1.4	5.4	3.8	1.4	5.8	4.3	1.5	6.7	5.3	1.7			
		30	23	5.4	2.8	1.3	5.5	2.9	1.4	5.5	3.0	1.4	5.7	3.1	1.5	6.1	3.5	1.6	7.0	4.3	1.7			
			16	5.0	3.7	1.3	5.0	3.8	1.3	5.1	3.9	1.4	5.2	4.0	1.4	5.6	4.6	1.5	6.5	5.6	1.6			
			19	5.3	3.9	1.3	5.3	4.0	1.4	5.4	4.1	1.4	5.6	4.3	1.4	5.9	4.8	1.6	6.9	5.9	1.7			
		32	23	5.4	3.5	1.3	5.5	3.6	1.4	5.6	3.7	1.4	5.7	3.9	1.5	6.1	4.4	1.6	7.1	5.4	1.7			
			Medium	1050	18	9	3.2	1.4	1.0	3.2	1.5	1.0	3.2	1.5	1.0	3.3	1.6	1.0	3.6	1.8	1.1	4.1	2.2	1.2
						12	3.3	0.9	1.0	3.3	1.0	1.0	3.4	1.0	1.0	3.5	1.0	1.1	3.7	1.2	1.2	4.3	1.4	1.3
		15				3.9	1.0	1.1	4.0	1.0	1.1	4.1	1.0	1.1	4.2	1.1	1.2	4.4	1.2	1.3	5.2	1.5	1.4	
		21			12	3.9	2.2	1.2	4.0	2.2	1.2	4.0	2.3	1.2	4.1	2.4	1.3	4.4	2.7	1.3	5.1	3.3	1.4	
					15	4.0	1.8	1.2	4.1	1.8	1.2	4.1	1.9	1.2	4.2	1.9	1.3	4.5	2.2	1.4	5.3	2.7	1.5	
19	4.7				1.4	1.3	4.7	1.4	1.3	4.8	1.5	1.3	4.9	1.5	1.4	5.3	1.7	1.5	6.1	2.1	1.6			
24	16	4.2			2.2	1.2	4.3	2.3	1.2	4.3	2.3	1.2	4.4	2.4	1.3	4.7	2.8	1.4	5.5	3.4	1.5			
	19	4.8			2.2	1.3	4.8	2.2	1.3	4.9	2.3	1.3	5.0	2.4	1.4	5.4	2.7	1.5	6.3	3.3	1.6			
	23	4.7			1.0	1.3	4.7	1.0	1.4	4.8	1.1	1.4	4.9	1.1	1.4	5.3	1.3	1.6	6.1	1.6	1.7			
27	16	4.4			2.8	1.3	4.4	2.9	1.3	4.5	2.9	1.3	4.6	3.0	1.4	4.9	3.5	1.5	5.7	4.3	1.6			
	19	4.9			2.8	1.3	4.9	2.8	1.3	5.0	2.9	1.3	5.1	3.0	1.4	5.5	3.4	1.5	6.4	4.2	1.6			
	23	5.2			1.9	1.3	5.2	1.9	1.3	5.3	2.0	1.4	5.5	2.1	1.4	5.8	2.3	1.5	6.8	2.9	1.7			
29	19	5.0			3.0	1.3	5.0	3.0	1.3	5.1	3.1	1.4	5.2	3.2	1.4	5.6	3.7	1.5	6.5	4.5	1.6			
	16	4.6			3.1	1.3	4.7	3.2	1.3	4.7	3.3	1.3	4.9	3.4	1.4	5.2	3.9	1.5	6.0	4.7	1.6			
	19	5.0			3.2	1.3	5.1	3.2	1.3	5.2	3.3	1.4	5.3	3.5	1.4	5.7	3.9	1.5	6.6	4.8	1.6			
30	23	5.3			2.6	1.3	5.3	2.7	1.4	5.4	2.7	1.4	5.6	2.8	1.4	5.9	3.2	1.6	6.9	4.0	1.7			
	16	4.9			3.4	1.3	4.9	3.4	1.3	5.0	3.5	1.3	5.1	3.7	1.4	5.5	4.2	1.5	6.4	5.1	1.6			
	19	5.2			3.5	1.3	5.2	3.6	1.3	5.3	3.7	1.4	5.5	3.9	1.4	5.8	4.4	1.5	6.8	5.4	1.7			
32	23	5.4			3.3	1.3	5.5	3.4	1.4	5.6	3.4	1.4	5.7	3.6	1.5	6.1	4.1	1.6	7.1	5.0	1.7			
	Low	900			18	9	3.0	1.3	0.9	3.0	1.3	1.0	3.1	1.4	1.0	3.2	1.4	1.0	3.4	1.6	1.1	3.9	2.0	1.2
						12	3.1	0.8	1.0	3.2	0.9	1.0	3.2	0.9	1.0	3.3	0.9	1.1	3.5	1.1	1.2	4.1	1.3	1.2
15						3.7	0.9	1.1	3.8	0.9	1.1	3.8	0.9	1.1	4.0	1.0	1.2	4.2	1.1	1.3	4.9	1.3	1.4	
21					12	3.7	2.0	1.1	3.8	2.0	1.2	3.8	2.1	1.2	3.9	2.2	1.2	4.2	2.4	1.3	4.9	3.0	1.4	
					15	3.8	1.6	1.2	3.9	1.7	1.2	3.9	1.7	1.2	4.0	1.8	1.3	4.3	2.0	1.4	5.0	2.5	1.5	
			19	4.4	1.3	1.3	4.5	1.3	1.3	4.6	1.3	1.3	4.7	1.4	1.4	5.0	1.6	1.5	5.8	1.9	1.6			
24			16	4.0	2.0	1.2	4.0	2.1	1.2	4.1	2.1	1.2	4.2	2.2	1.3	4.5	2.5	1.4	5.2	3.1	1.5			
			19	4.5	2.0	1.3	4.6	2.0	1.3	4.7	2.1	1.3	4.8	2.2	1.4	5.1	2.4	1.5	5.9	3.0	1.6			
			23	4.4	0.9	1.3	4.5	0.9	1.3	4.6	1.0	1.4	4.7	1.0	1.4	5.0	1.1	1.5	5.8	1.4	1.6			
27			16	4.2	2.5	1.2	4.2	2.6	1.3	4.3	2.7	1.3	4.4	2.8	1.3	4.7	3.1	1.5	5.4	3.9	1.6			
			19	4.6	2.5	1.3	4.7	2.6	1.3	4.8	2.6	1.3	4.9	2.7	1.4	5.2	3.1	1.5	6.1	3.8	1.6			
			23	4.9	1.7	1.3	5.0	1.7	1.3	5.0	1.8	1.4	5.2	1.9	1.4	5.5	2.1	1.5	6.4	2.6	1.6			
29			19	4.7	2.7	1.3	4.8	2.8	1.3	4.8	2.8	1.3	5.0	2.9	1.4	5.3	3.3	1.5	6.2	4.1	1.6			
			16	4.4	2.8	1.3	4.4	2.9	1.3	4.5	3.0	1.3	4.6	3.1	1.4	4.9	3.5	1.5	5.7	4.3	1.6			
			19	4.8	2.9	1.3	4.8	2.9	1.3	4.9	3.0	1.3	5.0	3.1	1.4	5.4	3.6	1.5	6.2	4.4	1.6			
30			23	5.0	2.3	1.3	5.1	2.4	1.3	5.1	2.5	1.4	5.3	2.6	1.4	5.6	2.9	1.5	6.5	3.6	1.7			
			16	4.6	3.0	1.3	4.7	3.1	1.3	4.7	3.2	1.3	4.9	3.3	1.4	5.2	3.8	1.5	6.0	4.7	1.6			
			19	4.9	3.2	1.3	5.0	3.3	1.3	5.0	3.4	1.4	5.2	3.5	1.4	5.5	4.0	1.5	6.4	4.9	1.6			
32			23	5.4	3.1	1.3	5.5	3.2	1.4	5.6	3.3	1.4	5.7	3.4	1.5	6.1	3.9	1.6	7.1	4.8	1.7			

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Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																				
				30			35			39			43			46			48					
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI			
High	1200	18	9	4.4	2.6	1.4	4.5	2.9	1.6	4.4	2.8	1.8	3.6	2.4	1.5	3.4	2.3	1.4	3.2	2.1	1.4			
			12	4.6	1.7	1.4	4.7	1.9	1.7	4.6	1.9	1.8	3.8	1.5	1.5	3.5	1.5	1.4	3.3	1.4	1.5			
			15	5.5	1.8	1.6	5.7	1.9	1.9	5.6	1.9	2.0	4.5	1.6	1.7	4.3	1.5	1.6	4.0	1.4	1.6			
		21	12	5.5	4.0	1.7	5.6	4.3	1.9	5.5	4.3	2.1	4.5	3.6	1.7	4.2	3.4	1.7	4.0	3.3	1.7			
			15	5.6	3.3	1.7	5.8	3.6	2.0	5.7	3.5	2.2	4.6	2.9	1.8	4.3	2.8	1.7	4.0	2.7	1.7			
			19	6.5	2.6	1.8	6.7	2.8	2.1	6.6	2.8	2.3	5.4	2.3	1.9	5.0	2.2	1.8	4.7	2.1	1.9			
		24	16	5.9	4.1	1.7	6.0	4.5	2.0	5.9	4.4	2.2	4.8	3.7	1.8	4.5	3.5	1.7	4.2	3.3	1.7			
			19	6.7	4.0	1.8	6.9	4.3	2.2	6.7	4.3	2.4	5.5	3.6	1.9	5.1	3.4	1.8	4.8	3.2	1.9			
			23	6.5	1.9	1.9	6.7	2.0	2.2	6.6	2.0	2.4	5.4	1.7	2.0	5.0	1.6	1.9	4.7	1.5	2.0			
		27	16	6.1	5.1	1.8	6.3	5.6	2.1	6.2	5.5	2.3	5.0	4.6	1.9	4.7	4.4	1.8	4.4	4.2	1.8			
			19	6.8	5.1	1.9	7.0	5.5	2.2	6.9	5.5	2.4	5.6	4.6	2.0	5.3	4.4	1.9	4.9	4.1	1.9			
			23	7.2	3.5	1.9	7.4	3.8	2.2	7.3	3.7	2.4	5.9	3.1	2.0	5.6	3.0	1.9	5.2	2.8	1.9			
		29	19	6.9	5.5	1.9	7.1	5.9	2.2	7.0	5.9	2.4	5.7	4.9	2.0	5.4	4.7	1.9	5.0	4.4	1.9			
			16	6.4	5.7	1.8	6.6	6.2	2.1	6.5	6.2	2.3	5.3	5.1	1.9	5.0	4.9	1.8	4.6	4.7	1.9			
			19	7.0	5.8	1.9	7.2	6.3	2.2	7.1	6.3	2.4	5.8	5.2	2.0	5.4	5.0	1.9	5.0	4.7	1.9			
		30	23	7.3	4.8	1.9	7.6	5.2	2.2	7.4	5.1	2.4	6.1	4.3	2.0	5.7	4.1	1.9	5.3	3.9	2.0			
			16	6.8	6.2	1.9	7.0	6.7	2.2	6.8	6.7	2.4	5.6	5.5	2.0	5.2	5.3	1.9	4.9	5.0	1.9			
			19	7.2	6.5	1.9	7.4	7.1	2.2	7.3	7.0	2.4	5.9	5.8	2.0	5.6	5.6	1.9	5.2	5.3	1.9			
		32	23	7.4	5.9	1.9	7.6	6.4	2.2	7.5	6.4	2.4	6.1	5.3	2.0	5.7	5.1	1.9	5.3	4.8	2.0			
			Medium	1050	18	9	4.3	2.4	1.4	4.4	2.6	1.6	4.4	2.6	1.7	3.6	2.2	1.4	3.3	2.1	1.4	3.1	2.0	1.4
						12	4.5	1.6	1.4	4.6	1.7	1.7	4.5	1.7	1.8	3.7	1.4	1.5	3.5	1.3	1.4	3.2	1.3	1.5
		15				5.4	1.6	1.6	5.6	1.8	1.8	5.4	1.7	2.0	4.4	1.4	1.7	4.2	1.4	1.6	3.9	1.3	1.6	
		21			12	5.4	3.7	1.6	5.5	4.0	1.9	5.4	3.9	2.1	4.4	3.3	1.7	4.1	3.1	1.6	3.9	3.0	1.7	
					15	5.5	3.0	1.7	5.7	3.2	2.0	5.6	3.2	2.1	4.5	2.7	1.8	4.2	2.6	1.7	4.0	2.4	1.7	
19	6.4				2.4	1.8	6.6	2.6	2.1	6.5	2.5	2.3	5.3	2.1	1.9	4.9	2.0	1.8	4.6	1.9	1.8			
24	16	5.7			3.7	1.7	5.9	4.1	2.0	5.8	4.0	2.1	4.7	3.4	1.8	4.4	3.2	1.7	4.1	3.0	1.7			
	19	6.5			3.6	1.8	6.7	4.0	2.1	6.6	3.9	2.3	5.4	3.3	1.9	5.0	3.1	1.8	4.7	3.0	1.9			
	23	6.4			1.7	1.9	6.6	1.9	2.2	6.5	1.8	2.4	5.3	1.5	2.0	4.9	1.5	1.9	4.6	1.4	1.9			
27	16	6.0			4.7	1.8	6.2	5.1	2.1	6.1	5.0	2.3	4.9	4.2	1.9	4.6	4.0	1.8	4.3	3.8	1.8			
	19	6.7			4.6	1.8	6.9	5.0	2.2	6.7	5.0	2.4	5.5	4.2	1.9	5.1	4.0	1.8	4.8	3.8	1.9			
	23	7.1			3.2	1.9	7.3	3.4	2.2	7.1	3.4	2.4	5.8	2.8	2.0	5.5	2.7	1.9	5.1	2.6	1.9			
29	19	6.8			5.0	1.9	7.0	5.4	2.2	6.9	5.3	2.4	5.6	4.4	2.0	5.2	4.3	1.9	4.9	4.0	1.9			
	16	6.3			5.2	1.8	6.5	5.7	2.1	6.4	5.6	2.3	5.2	4.7	1.9	4.9	4.5	1.8	4.6	4.2	1.8			
	19	6.9			5.3	1.9	7.1	5.8	2.2	6.9	5.7	2.4	5.7	4.7	2.0	5.3	4.5	1.9	4.9	4.3	1.9			
30	23	7.2			4.3	1.9	7.4	4.7	2.2	7.3	4.7	2.4	5.9	3.9	2.0	5.6	3.7	1.9	5.2	3.5	1.9			
	16	6.6			5.7	1.8	6.8	6.1	2.2	6.7	6.1	2.4	5.5	5.1	1.9	5.1	4.8	1.8	4.8	4.6	1.9			
	19	7.1			6.0	1.9	7.3	6.5	2.2	7.1	6.4	2.4	5.8	5.3	2.0	5.5	5.1	1.9	5.1	4.8	1.9			
32	23	7.4			5.5	1.9	7.6	6.0	2.2	7.5	5.9	2.4	6.1	4.9	2.0	5.7	4.7	1.9	5.3	4.5	2.0			
	Low	900			18	9	4.1	2.2	1.3	4.2	2.4	1.6	4.1	2.3	1.7	3.4	2.0	1.4	3.2	1.9	1.3	3.0	1.8	1.4
						12	4.2	1.4	1.4	4.4	1.5	1.7	4.3	1.5	1.8	3.5	1.3	1.5	3.3	1.2	1.4	3.1	1.2	1.4
15						5.1	1.5	1.5	5.3	1.6	1.8	5.2	1.6	2.0	4.2	1.3	1.6	4.0	1.3	1.5	3.7	1.2	1.6	
21					12	5.1	3.3	1.6	5.2	3.6	1.9	5.1	3.6	2.1	4.2	3.0	1.7	3.9	2.8	1.6	3.7	2.7	1.7	
					15	5.2	2.7	1.7	5.4	2.9	1.9	5.3	2.9	2.1	4.3	2.4	1.8	4.0	2.3	1.7	3.8	2.2	1.7	
			19	6.1	2.1	1.8	6.2	2.3	2.1	6.1	2.3	2.3	5.0	1.9	1.9	4.7	1.8	1.8	4.4	1.7	1.8			
24			16	5.4	3.4	1.7	5.6	3.7	1.9	5.5	3.7	2.1	4.5	3.0	1.8	4.2	2.9	1.7	3.9	2.8	1.7			
			19	6.2	3.3	1.8	6.4	3.6	2.1	6.3	3.6	2.3	5.1	3.0	1.9	4.8	2.8	1.8	4.5	2.7	1.8			
			23	6.1	1.6	1.9	6.3	1.7	2.2	6.1	1.7	2.4	5.0	1.4	2.0	4.7	1.3	1.9	4.4	1.3	1.9			
27			16	5.7	4.3	1.8	5.9	4.6	2.1	5.7	4.6	2.3	4.7	3.8	1.9	4.4	3.6	1.8	4.1	3.5	1.8			
			19	6.3	4.2	1.8	6.5	4.6	2.1	6.4	4.5	2.3	5.2	3.8	1.9	4.9	3.6	1.8	4.6	3.4	1.9			
			23	6.7	2.9	1.9	6.9	3.1	2.2	6.8	3.1	2.4	5.5	2.6	2.0	5.2	2.4	1.9	4.8	2.3	1.9			
29			19	6.4	4.5	1.8	6.6	4.9	2.2	6.5	4.9	2.4	5.3	4.0	1.9	5.0	3.9	1.8	4.6	3.7	1.9			
			16	6.0	4.7	1.8	6.2	5.2	2.1	6.0	5.1	2.3	4.9	4.2	1.9	4.6	4.1	1.8	4.3	3.9	1.8			
			19	6.5	4.8	1.8	6.7	5.2	2.2	6.6	5.2	2.4	5.4	4.3	1.9	5.0	4.1	1.8	4.7	3.9	1.9			
30			23	6.8	3.9	1.9	7.0	4.3	2.2	6.9	4.2	2.4	5.6	3.5	2.0	5.3	3.4	1.9	4.9	3.2	1.9			
			16	6.3	5.1	1.8	6.5	5.6	2.1	6.4	5.5	2.3	5.2	4.6	1.9	4.9	4.4	1.8	4.5	4.2	1.9			
			19	6.7	5.4	1.9	6.9	5.9	2.2	6.8	5.8	2.4	5.5	4.8	2.0	5.2	4.6	1.9	4.8	4.4	1.9			
32			23	7.4	5.3	1.9	7.6	5.7	2.2	7.5	5.7	2.4	6.1	4.7	2.0	5.7	4.5	1.9	5.3	4.3	2.0			

Outdoor Unit:GUHD30NK3C1O Indoor Unit:GTH30K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)															
				-15			-10			-7			-5			0			
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	1600	18	9	3.8	1.7	1.1	3.8	1.8	1.1	3.9	1.8	1.2	3.9	1.9	1.2	4.0	1.9	1.2	
			12	3.9	1.1	1.2	4.0	1.2	1.2	4.0	1.2	1.2	4.1	1.2	1.2	4.1	1.3	1.3	
			15	4.7	1.2	1.3	4.8	1.2	1.3	4.8	1.2	1.3	4.9	1.3	1.4	5.0	1.3	1.4	
		21	12	4.7	2.6	1.3	4.8	2.7	1.4	4.8	2.8	1.4	4.9	2.8	1.4	5.0	2.9	1.4	
			15	4.8	2.1	1.4	4.9	2.2	1.4	4.9	2.3	1.4	5.0	2.3	1.4	5.1	2.4	1.5	
			19	5.6	1.7	1.5	5.7	1.7	1.5	5.7	1.8	1.5	5.8	1.8	1.6	5.9	1.9	1.6	
		24	16	5.0	2.7	1.4	5.1	2.7	1.4	5.2	2.8	1.4	5.2	2.9	1.4	5.3	3.0	1.5	
			19	5.7	2.6	1.5	5.8	2.7	1.5	5.9	2.7	1.5	6.0	2.8	1.6	6.0	2.9	1.6	
			23	5.6	1.2	1.6	5.7	1.3	1.6	5.7	1.3	1.6	5.8	1.3	1.6	5.9	1.4	1.7	
		27	16	5.2	3.3	1.5	5.3	3.4	1.5	5.4	3.5	1.5	5.5	3.6	1.5	5.5	3.7	1.6	
			19	5.8	3.3	1.5	5.9	3.4	1.5	6.0	3.5	1.6	6.1	3.6	1.6	6.2	3.7	1.6	
			23	6.2	2.2	1.5	6.2	2.3	1.6	6.3	2.4	1.6	6.4	2.4	1.6	6.5	2.5	1.6	
	29	19	5.9	3.5	1.5	6.0	3.6	1.5	6.1	3.7	1.6	6.2	3.9	1.6	6.3	4.0	1.6		
		30	16	5.5	3.7	1.5	5.6	3.8	1.5	5.7	3.9	1.5	5.8	4.0	1.6	5.8	4.2	1.6	
			19	6.0	3.8	1.5	6.1	3.9	1.5	6.2	4.0	1.6	6.3	4.1	1.6	6.3	4.2	1.6	
	23		6.3	3.1	1.6	6.4	3.2	1.6	6.5	3.3	1.6	6.6	3.4	1.6	6.7	3.5	1.7		
	32	16	5.8	4.0	1.5	5.9	4.1	1.5	6.0	4.3	1.6	6.1	4.4	1.6	6.1	4.5	1.6		
		19	6.2	4.2	1.5	6.2	4.4	1.6	6.3	4.5	1.6	6.4	4.6	1.6	6.5	4.7	1.6		
		23	6.3	3.8	1.6	6.4	4.0	1.6	6.5	4.1	1.6	6.6	4.2	1.6	6.7	4.3	1.7		
	Medium	1450	18	9	3.7	1.6	1.1	3.7	1.6	1.1	3.8	1.7	1.1	3.9	1.7	1.2	3.9	1.7	1.2
				12	3.8	1.0	1.2	3.9	1.0	1.2	3.9	1.1	1.2	4.0	1.1	1.2	4.1	1.1	1.2
				15	4.6	1.0	1.3	4.7	1.1	1.3	4.8	1.1	1.3	4.8	1.1	1.3	4.9	1.2	1.4
			21	12	4.6	2.4	1.3	4.7	2.4	1.4	4.7	2.5	1.4	4.8	2.6	1.4	4.9	2.7	1.4
				15	4.7	1.9	1.4	4.8	2.0	1.4	4.8	2.1	1.4	4.9	2.1	1.4	5.0	2.2	1.5
19				5.5	1.5	1.5	5.5	1.6	1.5	5.6	1.6	1.5	5.7	1.7	1.5	5.8	1.7	1.6	
24			16	4.9	2.4	1.4	5.0	2.5	1.4	5.1	2.6	1.4	5.1	2.6	1.4	5.2	2.7	1.5	
			19	5.6	2.4	1.5	5.7	2.4	1.5	5.7	2.5	1.5	5.8	2.6	1.6	5.9	2.6	1.6	
			23	5.5	1.1	1.5	5.5	1.1	1.6	5.6	1.2	1.6	5.7	1.2	1.6	5.8	1.2	1.6	
27			16	5.1	3.0	1.4	5.2	3.1	1.5	5.3	3.2	1.5	5.4	3.3	1.5	5.4	3.4	1.6	
			19	5.7	3.0	1.5	5.8	3.1	1.5	5.9	3.2	1.5	6.0	3.3	1.6	6.0	3.4	1.6	
			23	6.0	2.0	1.5	6.1	2.1	1.5	6.2	2.2	1.6	6.3	2.2	1.6	6.4	2.3	1.6	
29		19	5.8	3.2	1.5	5.9	3.3	1.5	6.0	3.4	1.6	6.1	3.5	1.6	6.2	3.6	1.6		
		30	16	5.4	3.4	1.5	5.5	3.5	1.5	5.6	3.6	1.5	5.6	3.7	1.5	5.7	3.8	1.6	
			19	5.9	3.4	1.5	6.0	3.5	1.5	6.0	3.6	1.6	6.1	3.7	1.6	6.2	3.9	1.6	
23			6.2	2.8	1.5	6.2	2.9	1.6	6.3	3.0	1.6	6.4	3.1	1.6	6.5	3.2	1.6		
32		16	5.7	3.7	1.5	5.8	3.8	1.5	5.8	3.9	1.5	5.9	4.0	1.6	6.0	4.1	1.6		
		19	6.0	3.9	1.5	6.1	4.0	1.5	6.2	4.1	1.6	6.3	4.2	1.6	6.4	4.3	1.6		
		23	6.3	3.6	1.6	6.4	3.7	1.6	6.5	3.8	1.6	6.6	3.9	1.6	6.7	4.0	1.7		
Low		1300	18	9	3.5	1.4	1.1	3.6	1.5	1.1	3.6	1.5	1.1	3.7	1.5	1.2	3.7	1.6	1.2
				12	3.6	0.9	1.1	3.7	1.0	1.2	3.7	1.0	1.2	3.8	1.0	1.2	3.9	1.0	1.2
				15	4.4	1.0	1.3	4.4	1.0	1.3	4.5	1.0	1.3	4.6	1.0	1.3	4.6	1.1	1.3
			21	12	4.4	2.2	1.3	4.4	2.2	1.3	4.5	2.3	1.4	4.6	2.3	1.4	4.6	2.4	1.4
				15	4.5	1.8	1.3	4.5	1.8	1.4	4.6	1.9	1.4	4.7	1.9	1.4	4.7	2.0	1.4
	19			5.2	1.4	1.4	5.3	1.4	1.5	5.3	1.5	1.5	5.4	1.5	1.5	5.5	1.6	1.6	
	24		16	4.7	2.2	1.3	4.7	2.3	1.4	4.8	2.3	1.4	4.9	2.4	1.4	4.9	2.5	1.4	
			19	5.3	2.1	1.5	5.4	2.2	1.5	5.5	2.3	1.5	5.5	2.3	1.5	5.6	2.4	1.6	
			23	5.2	1.0	1.5	5.3	1.0	1.5	5.3	1.1	1.6	5.4	1.1	1.6	5.5	1.1	1.6	
	27		16	4.9	2.8	1.4	4.9	2.8	1.5	5.0	2.9	1.5	5.1	3.0	1.5	5.2	3.1	1.5	
			19	5.4	2.7	1.5	5.5	2.8	1.5	5.6	2.9	1.5	5.6	3.0	1.6	5.7	3.1	1.6	
			23	5.7	1.9	1.5	5.8	1.9	1.5	5.9	2.0	1.6	6.0	2.0	1.6	6.1	2.1	1.6	
	29	19	5.5	2.9	1.5	5.6	3.0	1.5	5.7	3.1	1.5	5.8	3.2	1.6	5.8	3.3	1.6		
		30	16	5.1	3.1	1.4	5.2	3.2	1.5	5.3	3.3	1.5	5.4	3.4	1.5	5.4	3.4	1.6	
			19	5.6	3.1	1.5	5.6	3.2	1.5	5.7	3.3	1.5	5.8	3.4	1.6	5.9	3.5	1.6	
	23		5.8	2.6	1.5	5.9	2.6	1.5	6.0	2.7	1.6	6.1	2.8	1.6	6.2	2.9	1.6		
	32	16	5.4	3.3	1.5	5.5	3.4	1.5	5.5	3.5	1.5	5.6	3.6	1.6	5.7	3.7	1.6		
		19	5.7	3.5	1.5	5.8	3.6	1.5	5.9	3.7	1.6	6.0	3.8	1.6	6.1	3.9	1.6		
		23	6.3	3.4	1.6	6.4	3.5	1.6	6.5	3.6	1.6	6.6	3.7	1.6	6.7	3.8	1.7		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																				
				5			10			15			18			21			25					
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI			
High	1600	18	9	4.0	2.0	1.2	4.1	2.0	1.2	4.2	2.1	1.3	4.3	2.2	1.3	4.6	2.5	1.4	5.3	3.0	1.5			
			12	4.2	1.3	1.3	4.3	1.3	1.3	4.3	1.4	1.3	4.4	1.4	1.4	4.7	1.6	1.5	5.5	2.0	1.6			
			15	5.1	1.3	1.4	5.1	1.4	1.4	5.2	1.4	1.4	5.3	1.5	1.5	5.7	1.6	1.6	6.6	2.0	1.7			
		21	12	5.0	3.0	1.5	5.1	3.1	1.5	5.2	3.2	1.5	5.3	3.3	1.6	5.7	3.7	1.7	6.6	4.6	1.8			
			15	5.2	2.4	1.5	5.2	2.5	1.5	5.3	2.6	1.5	5.4	2.7	1.6	5.8	3.0	1.7	6.8	3.7	1.9			
			19	6.0	1.9	1.6	6.1	2.0	1.6	6.2	2.0	1.7	6.3	2.1	1.7	6.8	2.4	1.9	7.9	3.0	2.0			
		24	16	5.4	3.1	1.5	5.5	3.2	1.5	5.5	3.2	1.5	5.7	3.4	1.6	6.1	3.8	1.7	7.1	4.7	1.9			
			19	6.1	3.0	1.6	6.2	3.1	1.7	6.3	3.1	1.7	6.5	3.3	1.8	6.9	3.7	1.9	8.0	4.6	2.0			
			23	6.0	1.4	1.7	6.1	1.4	1.7	6.2	1.5	1.7	6.3	1.5	1.8	6.8	1.7	2.0	7.9	2.1	2.1			
		27	16	5.6	3.8	1.6	5.7	3.9	1.6	5.8	4.0	1.6	5.9	4.2	1.7	6.3	4.8	1.9	7.4	5.9	2.0			
			19	6.2	3.8	1.6	6.3	3.9	1.7	6.4	4.0	1.7	6.6	4.2	1.8	7.0	4.7	1.9	8.2	5.8	2.1			
			23	6.6	2.6	1.7	6.7	2.6	1.7	6.8	2.7	1.7	7.0	2.8	1.8	7.5	3.2	2.0	8.7	3.9	2.1			
		29	19	6.4	4.1	1.7	6.5	4.2	1.7	6.6	4.3	1.7	6.7	4.5	1.8	7.2	5.1	1.9	8.3	6.2	2.1			
			16	5.9	4.3	1.6	6.0	4.4	1.6	6.1	4.5	1.7	6.3	4.7	1.7	6.7	5.3	1.9	7.8	6.5	2.0			
			19	6.4	4.3	1.7	6.5	4.5	1.7	6.6	4.6	1.7	6.8	4.8	1.8	7.3	5.4	1.9	8.4	6.7	2.1			
		30	23	6.8	3.6	1.7	6.9	3.7	1.7	6.9	3.8	1.8	7.1	3.9	1.8	7.6	4.4	2.0	8.9	5.4	2.1			
			16	6.2	4.6	1.6	6.3	4.8	1.7	6.4	4.9	1.7	6.6	5.1	1.8	7.0	5.8	1.9	8.2	7.1	2.1			
			19	6.6	4.9	1.7	6.7	5.0	1.7	6.8	5.1	1.7	7.0	5.3	1.8	7.5	6.1	2.0	8.7	7.5	2.1			
		32	23	6.8	4.4	1.7	6.9	4.5	1.7	7.0	4.7	1.8	7.2	4.8	1.8	7.7	5.5	2.0	8.9	6.8	2.1			
			Medium	1450	18	9	4.0	1.8	1.2	4.0	1.8	1.2	4.1	1.9	1.2	4.2	2.0	1.3	4.5	2.2	1.4	5.2	2.7	1.5
						12	4.1	1.2	1.3	4.2	1.2	1.3	4.2	1.2	1.3	4.3	1.3	1.4	4.6	1.5	1.5	5.4	1.8	1.6
		15				5.0	1.2	1.4	5.0	1.2	1.4	5.1	1.3	1.4	5.2	1.3	1.5	5.6	1.5	1.6	6.5	1.8	1.7	
		21			12	4.9	2.7	1.5	5.0	2.8	1.5	5.1	2.9	1.5	5.2	3.0	1.6	5.6	3.4	1.7	6.5	4.2	1.8	
					15	5.1	2.2	1.5	5.1	2.3	1.5	5.2	2.4	1.5	5.3	2.4	1.6	5.7	2.8	1.7	6.6	3.4	1.9	
19	5.9				1.8	1.6	6.0	1.8	1.6	6.0	1.9	1.6	6.2	1.9	1.7	6.6	2.2	1.9	7.7	2.7	2.0			
24	16	5.3			2.8	1.5	5.4	2.9	1.5	5.4	2.9	1.5	5.6	3.1	1.6	5.9	3.5	1.7	6.9	4.3	1.9			
	19	6.0			2.7	1.6	6.1	2.8	1.6	6.2	2.9	1.7	6.3	3.0	1.7	6.8	3.4	1.9	7.9	4.2	2.0			
	23	5.9			1.3	1.7	6.0	1.3	1.7	6.0	1.3	1.7	6.2	1.4	1.8	6.6	1.6	2.0	7.7	2.0	2.1			
27	16	5.5			3.5	1.6	5.6	3.6	1.6	5.7	3.7	1.6	5.8	3.8	1.7	6.2	4.3	1.8	7.2	5.3	2.0			
	19	6.1			3.5	1.6	6.2	3.6	1.7	6.3	3.7	1.7	6.5	3.8	1.8	6.9	4.3	1.9	8.0	5.3	2.0			
	23	6.5			2.3	1.7	6.6	2.4	1.7	6.7	2.5	1.7	6.9	2.6	1.8	7.3	2.9	1.9	8.5	3.6	2.1			
29	19	6.2			3.7	1.6	6.3	3.8	1.7	6.4	3.9	1.7	6.6	4.1	1.8	7.0	4.6	1.9	8.2	5.7	2.1			
	16	5.8			3.9	1.6	5.9	4.0	1.6	6.0	4.1	1.6	6.1	4.3	1.7	6.5	4.8	1.9	7.6	6.0	2.0			
	19	6.3			4.0	1.6	6.4	4.1	1.7	6.5	4.2	1.7	6.7	4.3	1.8	7.1	4.9	1.9	8.3	6.1	2.1			
30	23	6.6			3.2	1.7	6.7	3.3	1.7	6.8	3.4	1.7	7.0	3.6	1.8	7.5	4.0	2.0	8.7	5.0	2.1			
	16	6.1			4.2	1.6	6.2	4.3	1.7	6.3	4.4	1.7	6.4	4.6	1.8	6.9	5.2	1.9	8.0	6.5	2.0			
	19	6.5			4.4	1.7	6.6	4.6	1.7	6.7	4.7	1.7	6.9	4.9	1.8	7.3	5.5	1.9	8.5	6.8	2.1			
32	23	6.8			4.1	1.7	6.9	4.2	1.7	7.0	4.3	1.8	7.2	4.5	1.8	7.7	5.1	2.0	8.9	6.3	2.1			
	Low	1300			18	9	3.8	1.6	1.2	3.8	1.7	1.2	3.9	1.7	1.2	4.0	1.8	1.3	4.2	2.0	1.4	4.9	2.5	1.5
						12	3.9	1.1	1.2	4.0	1.1	1.3	4.0	1.1	1.3	4.1	1.2	1.4	4.4	1.3	1.5	5.1	1.6	1.6
15						4.7	1.1	1.4	4.8	1.1	1.4	4.8	1.2	1.4	5.0	1.2	1.5	5.3	1.4	1.6	6.2	1.7	1.7	
21					12	4.7	2.5	1.4	4.8	2.5	1.5	4.8	2.6	1.5	4.9	2.7	1.6	5.3	3.1	1.7	6.1	3.8	1.8	
					15	4.8	2.0	1.5	4.9	2.1	1.5	4.9	2.1	1.5	5.1	2.2	1.6	5.4	2.5	1.7	6.3	3.1	1.8	
			19	5.6	1.6	1.6	5.7	1.6	1.6	5.7	1.7	1.6	5.9	1.8	1.7	6.3	2.0	1.8	7.3	2.5	2.0			
24			16	5.0	2.5	1.5	5.1	2.6	1.5	5.2	2.7	1.5	5.3	2.8	1.6	5.6	3.2	1.7	6.6	3.9	1.8			
			19	5.7	2.5	1.6	5.8	2.5	1.6	5.9	2.6	1.6	6.0	2.7	1.7	6.4	3.1	1.9	7.5	3.8	2.0			
			23	5.6	1.2	1.7	5.7	1.2	1.7	5.7	1.2	1.7	5.9	1.3	1.8	6.3	1.4	1.9	7.3	1.8	2.1			
27			16	5.2	3.2	1.6	5.3	3.3	1.6	5.4	3.3	1.6	5.5	3.5	1.7	5.9	3.9	1.8	6.9	4.9	2.0			
			19	5.8	3.1	1.6	5.9	3.2	1.6	6.0	3.3	1.7	6.1	3.5	1.7	6.5	3.9	1.9	7.6	4.8	2.0			
			23	6.2	2.1	1.6	6.2	2.2	1.7	6.3	2.3	1.7	6.5	2.3	1.8	6.9	2.7	1.9	8.1	3.3	2.1			
29			19	5.9	3.4	1.6	6.0	3.5	1.7	6.1	3.6	1.7	6.3	3.7	1.8	6.7	4.2	1.9	7.8	5.2	2.0			
			16	5.5	3.5	1.6	5.6	3.6	1.6	5.7	3.7	1.6	5.8	3.9	1.7	6.2	4.4	1.8	7.2	5.4	2.0			
			19	6.0	3.6	1.6	6.1	3.7	1.7	6.2	3.8	1.7	6.3	3.9	1.8	6.7	4.5	1.9	7.8	5.5	2.0			
30			23	6.3	2.9	1.7	6.4	3.0	1.7	6.5	3.1	1.7	6.6	3.2	1.8	7.1	3.7	1.9	8.2	4.5	2.1			
			16	5.8	3.8	1.6	5.9	3.9	1.6	6.0	4.0	1.7	6.1	4.2	1.7	6.5	4.8	1.9	7.6	5.9	2.0			
			19	6.2	4.0	1.6	6.2	4.1	1.7	6.3	4.3	1.7	6.5	4.4	1.8	6.9	5.0	1.9	8.1	6.2	2.1			
32			23	6.8	3.9	1.7	6.9	4.0	1.7	7.0	4.1	1.8	7.2	4.3	1.8	7.7	4.9	2.0	8.9	6.0	2.1			

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				30			35			39			43			46			48				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1600	18	9	5.5	3.3	1.7	5.7	3.6	2.0	5.6	3.6	2.2	4.6	3.0	1.8	4.3	2.8	1.7	4.0	2.7	1.8		
			12	5.7	2.2	1.8	5.9	2.4	2.1	5.8	2.3	2.3	4.7	1.9	1.9	4.4	1.9	1.8	4.1	1.8	1.8		
			15	6.9	2.2	2.0	7.1	2.4	2.3	7.0	2.4	2.5	5.7	2.0	2.1	5.3	1.9	2.0	5.0	1.8	2.0		
		21	12	6.9	5.0	2.1	7.1	5.5	2.4	7.0	5.4	2.7	5.7	4.5	2.2	5.3	4.3	2.1	5.0	4.1	2.1		
			15	7.0	4.1	2.1	7.3	4.5	2.5	7.1	4.4	2.7	5.8	3.7	2.2	5.4	3.5	2.1	5.1	3.3	2.2		
			19	8.2	3.3	2.3	8.4	3.5	2.7	8.3	3.5	2.9	6.8	2.9	2.4	6.3	2.8	2.3	5.9	2.6	2.3		
		24	16	7.4	5.2	2.1	7.6	5.6	2.5	7.4	5.6	2.7	6.1	4.6	2.2	5.7	4.4	2.1	5.3	4.2	2.2		
			19	8.4	5.0	2.3	8.6	5.5	2.7	8.5	5.4	3.0	6.9	4.5	2.4	6.5	4.3	2.3	6.0	4.1	2.4		
			23	8.2	2.4	2.4	8.5	2.6	2.8	8.3	2.5	3.1	6.8	2.1	2.5	6.3	2.0	2.4	5.9	1.9	2.5		
		27	16	7.7	6.5	2.3	7.9	7.0	2.7	7.8	6.9	2.9	6.3	5.8	2.4	5.9	5.5	2.3	5.5	5.2	2.3		
			19	8.5	6.4	2.3	8.8	7.0	2.7	8.6	6.9	3.0	7.0	5.7	2.5	6.6	5.5	2.3	6.2	5.2	2.4		
			23	9.0	4.3	2.4	9.3	4.7	2.8	9.1	4.7	3.0	7.5	3.9	2.5	7.0	3.7	2.4	6.5	3.5	2.4		
		29	19	8.7	6.9	2.4	9.0	7.4	2.8	8.8	7.4	3.0	7.2	6.1	2.5	6.7	5.9	2.4	6.3	5.6	2.4		
			16	8.1	7.2	2.3	8.3	7.8	2.7	8.2	7.7	2.9	6.7	6.4	2.4	6.3	6.2	2.3	5.8	5.9	2.3		
			19	8.8	7.3	2.4	9.1	7.9	2.8	8.9	7.9	3.0	7.3	6.5	2.5	6.8	6.3	2.4	6.3	6.0	2.4		
		30	23	9.2	6.0	2.4	9.5	6.5	2.8	9.3	6.4	3.1	7.6	5.4	2.5	7.1	5.1	2.4	6.7	4.9	2.5		
			16	8.5	7.8	2.3	8.8	8.5	2.7	8.6	8.4	3.0	7.0	7.0	2.5	6.6	6.7	2.3	6.1	6.3	2.4		
			19	9.0	8.2	2.4	9.3	8.9	2.8	9.1	8.8	3.0	7.5	7.3	2.5	7.0	7.0	2.4	6.5	6.7	2.4		
		32	23	9.3	7.4	2.4	9.6	8.1	2.8	9.4	8.0	3.1	7.7	6.7	2.5	7.2	6.4	2.4	6.7	6.1	2.5		
			9	5.4	3.0	1.7	5.6	3.3	2.0	5.5	3.3	2.2	4.5	2.7	1.8	4.2	2.6	1.7	3.9	2.5	1.7		
			12	5.6	2.0	1.8	5.8	2.1	2.1	5.7	2.1	2.3	4.6	1.8	1.9	4.3	1.7	1.8	4.1	1.6	1.8		
		Medium	1450	18	15	6.8	2.0	2.0	7.0	2.2	2.3	6.8	2.2	2.5	5.6	1.8	2.1	5.2	1.7	2.0	4.9	1.7	2.0
					12	6.7	4.6	2.1	7.0	5.0	2.4	6.8	4.9	2.6	5.6	4.1	2.2	5.2	3.9	2.1	4.9	3.7	2.1
					15	6.9	3.8	2.1	7.1	4.1	2.5	7.0	4.0	2.7	5.7	3.4	2.2	5.3	3.2	2.1	5.0	3.1	2.2
21	19			8.0	3.0	2.3	8.3	3.2	2.7	8.1	3.2	2.9	6.6	2.7	2.4	6.2	2.5	2.3	5.8	2.4	2.3		
	16			7.2	4.7	2.1	7.4	5.1	2.5	7.3	5.1	2.7	5.9	4.2	2.2	5.6	4.0	2.1	5.2	3.8	2.1		
	19			8.2	4.6	2.3	8.5	5.0	2.7	8.3	4.9	2.9	6.8	4.1	2.4	6.3	3.9	2.3	5.9	3.7	2.3		
24	23			8.0	2.2	2.4	8.3	2.3	2.8	8.1	2.3	3.0	6.6	1.9	2.5	6.2	1.8	2.4	5.8	1.8	2.4		
	16			7.5	5.9	2.2	7.8	6.4	2.6	7.6	6.3	2.9	6.2	5.3	2.4	5.8	5.0	2.2	5.4	4.8	2.3		
	19			8.4	5.8	2.3	8.6	6.3	2.7	8.5	6.3	3.0	6.9	5.2	2.4	6.5	5.0	2.3	6.0	4.7	2.4		
27	23			8.9	4.0	2.4	9.1	4.3	2.8	9.0	4.3	3.0	7.3	3.5	2.5	6.9	3.4	2.4	6.4	3.2	2.4		
	19			8.5	6.3	2.3	8.8	6.8	2.7	8.6	6.7	3.0	7.0	5.6	2.5	6.6	5.3	2.3	6.2	5.1	2.4		
	16			7.9	6.6	2.3	8.2	7.1	2.7	8.0	7.1	2.9	6.5	5.9	2.4	6.1	5.6	2.3	5.7	5.3	2.3		
30	19			8.6	6.7	2.3	8.9	7.2	2.7	8.7	7.2	3.0	7.1	6.0	2.5	6.7	5.7	2.3	6.2	5.4	2.4		
	23			9.0	5.5	2.4	9.3	5.9	2.8	9.1	5.9	3.0	7.5	4.9	2.5	7.0	4.7	2.4	6.5	4.4	2.4		
	16			8.3	7.1	2.3	8.6	7.7	2.7	8.4	7.6	3.0	6.9	6.4	2.4	6.4	6.1	2.3	6.0	5.8	2.4		
32	19			8.9	7.5	2.4	9.1	8.1	2.8	9.0	8.0	3.0	7.3	6.7	2.5	6.9	6.4	2.4	6.4	6.1	2.4		
	23			9.3	6.9	2.4	9.6	7.5	2.8	9.4	7.4	3.1	7.7	6.2	2.5	7.2	5.9	2.4	6.7	5.6	2.5		
	9			5.1	2.7	1.7	5.3	3.0	2.0	5.2	3.0	2.2	4.2	2.5	1.8	4.0	2.3	1.7	3.7	2.2	1.7		
Low	1300			18	12	5.3	1.8	1.8	5.5	1.9	2.1	5.4	1.9	2.3	4.4	1.6	1.9	4.1	1.5	1.8	3.9	1.5	1.8
					15	6.4	1.8	1.9	6.6	2.0	2.3	6.5	2.0	2.5	5.3	1.7	2.1	5.0	1.6	1.9	4.6	1.5	2.0
					12	6.4	4.2	2.0	6.6	4.5	2.4	6.5	4.5	2.6	5.3	3.7	2.2	4.9	3.6	2.0	4.6	3.4	2.1
				21	15	6.6	3.4	2.1	6.8	3.7	2.4	6.6	3.7	2.7	5.4	3.0	2.2	5.1	2.9	2.1	4.7	2.8	2.1
					19	7.6	2.7	2.2	7.9	2.9	2.6	7.7	2.9	2.9	6.3	2.4	2.4	5.9	2.3	2.2	5.5	2.2	2.3
					16	6.8	4.3	2.1	7.1	4.6	2.4	6.9	4.6	2.7	5.6	3.8	2.2	5.3	3.7	2.1	4.9	3.5	2.1
		24	19	7.8	4.2	2.3	8.0	4.5	2.7	7.9	4.5	2.9	6.4	3.7	2.4	6.0	3.6	2.3	5.6	3.4	2.3		
			23	7.6	2.0	2.3	7.9	2.1	2.8	7.7	2.1	3.0	6.3	1.7	2.5	5.9	1.7	2.3	5.5	1.6	2.4		
			16	7.1	5.3	2.2	7.4	5.8	2.6	7.2	5.7	2.8	5.9	4.8	2.3	5.5	4.6	2.2	5.2	4.3	2.3		
		27	19	7.9	5.3	2.3	8.2	5.8	2.7	8.0	5.7	2.9	6.5	4.7	2.4	6.1	4.5	2.3	5.7	4.3	2.3		
			23	8.4	3.6	2.3	8.7	3.9	2.7	8.5	3.9	3.0	6.9	3.2	2.5	6.5	3.1	2.3	6.1	2.9	2.4		
			19	8.1	5.7	2.3	8.3	6.2	2.7	8.2	6.1	3.0	6.7	5.1	2.4	6.3	4.9	2.3	5.8	4.6	2.4		
		29	16	7.5	6.0	2.2	7.8	6.5	2.6	7.6	6.4	2.9	6.2	5.3	2.4	5.8	5.1	2.2	5.4	4.9	2.3		
			19	8.2	6.1	2.3	8.4	6.6	2.7	8.3	6.5	3.0	6.7	5.4	2.4	6.3	5.2	2.3	5.9	4.9	2.4		
			23	8.6	5.0	2.4	8.9	5.4	2.8	8.7	5.3	3.0	7.1	4.4	2.5	6.6	4.2	2.4	6.2	4.0	2.4		
		30	16	7.9	6.5	2.3	8.2	7.0	2.7	8.0	6.9	2.9	6.5	5.8	2.4	6.1	5.5	2.3	5.7	5.2	2.3		
			19	8.4	6.8	2.3	8.7	7.4	2.7	8.5	7.3	3.0	6.9	6.1	2.5	6.5	5.8	2.3	6.1	5.5	2.4		
			23	9.3	6.6	2.4	9.6	7.2	2.8	9.4	7.1	3.1	7.7	5.9	2.5	7.2	5.7	2.4	6.7	5.4	2.5		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD36NK3C1O/GUHD36NM3C1O Indoor Unit:GTH36K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																
				-15			-10			-7			-5			0				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	2000	18	9	4.5	2.0	1.3	4.6	2.1	1.4	4.6	2.2	1.4	4.7	2.2	1.4	4.8	2.3	1.4		
			12	4.7	1.3	1.4	4.7	1.4	1.4	4.8	1.4	1.4	4.9	1.5	1.5	4.9	1.5	1.5		
			15	5.6	1.4	1.5	5.7	1.4	1.6	5.8	1.5	1.6	5.9	1.5	1.6	6.0	1.5	1.6		
		21	12	5.6	3.1	1.6	5.7	3.2	1.6	5.8	3.3	1.7	5.8	3.4	1.7	5.9	3.5	1.7		
			15	5.7	2.5	1.6	5.8	2.6	1.7	5.9	2.7	1.7	6.0	2.8	1.7	6.1	2.8	1.8		
			19	6.7	2.0	1.8	6.8	2.1	1.8	6.9	2.1	1.8	7.0	2.2	1.9	7.1	2.2	1.9		
		24	16	6.0	3.2	1.6	6.1	3.3	1.7	6.2	3.4	1.7	6.2	3.5	1.7	6.3	3.6	1.8		
			19	6.8	3.1	1.8	6.9	3.2	1.8	7.0	3.3	1.8	7.1	3.4	1.9	7.2	3.5	1.9		
			23	6.7	1.5	1.9	6.8	1.5	1.9	6.9	1.5	1.9	7.0	1.6	2.0	7.1	1.6	2.0		
		27	16	6.2	4.0	1.7	6.3	4.1	1.8	6.4	4.2	1.8	6.5	4.3	1.8	6.6	4.4	1.9		
			19	6.9	3.9	1.8	7.0	4.1	1.8	7.1	4.2	1.9	7.2	4.3	1.9	7.4	4.4	1.9		
			23	7.3	2.7	1.8	7.5	2.8	1.9	7.6	2.8	1.9	7.7	2.9	1.9	7.8	3.0	2.0		
		29	19	7.1	4.2	1.8	7.2	4.3	1.8	7.3	4.5	1.9	7.4	4.6	1.9	7.5	4.7	1.9		
			30	16	6.6	4.4	1.8	6.7	4.6	1.8	6.8	4.7	1.8	6.9	4.8	1.9	7.0	5.0	1.9	
				19	7.1	4.5	1.8	7.2	4.6	1.8	7.4	4.8	1.9	7.5	4.9	1.9	7.6	5.0	1.9	
		23		7.5	3.7	1.9	7.6	3.8	1.9	7.7	3.9	1.9	7.8	4.0	2.0	7.9	4.1	2.0		
		32	16	6.9	4.8	1.8	7.0	4.9	1.8	7.1	5.1	1.9	7.2	5.2	1.9	7.3	5.4	1.9		
			19	7.3	5.1	1.8	7.5	5.2	1.9	7.6	5.4	1.9	7.7	5.5	1.9	7.8	5.7	2.0		
			23	7.6	4.6	1.9	7.7	4.7	1.9	7.8	4.9	1.9	7.9	5.0	2.0	8.0	5.1	2.0		
		Medium	1630	18	9	4.4	1.9	1.3	4.5	1.9	1.3	4.5	2.0	1.4	4.6	2.0	1.4	4.7	2.1	1.4
					12	4.6	1.2	1.4	4.6	1.3	1.4	4.7	1.3	1.4	4.8	1.3	1.5	4.8	1.4	1.5
					15	5.5	1.3	1.5	5.6	1.3	1.5	5.7	1.3	1.6	5.8	1.4	1.6	5.8	1.4	1.6
				21	12	5.5	2.8	1.6	5.6	2.9	1.6	5.6	3.0	1.6	5.7	3.1	1.7	5.8	3.2	1.7
					15	5.6	2.3	1.6	5.7	2.4	1.7	5.8	2.4	1.7	5.9	2.5	1.7	5.9	2.6	1.7
19	6.5				1.8	1.7	6.6	1.9	1.8	6.7	1.9	1.8	6.8	2.0	1.8	6.9	2.0	1.9		
24	16			5.9	2.9	1.6	5.9	3.0	1.7	6.0	3.1	1.7	6.1	3.2	1.7	6.2	3.2	1.7		
	19			6.7	2.8	1.8	6.8	2.9	1.8	6.9	3.0	1.8	7.0	3.1	1.9	7.1	3.2	1.9		
	23			6.5	1.3	1.8	6.6	1.4	1.9	6.7	1.4	1.9	6.8	1.4	1.9	6.9	1.5	2.0		
27	16			6.1	3.6	1.7	6.2	3.7	1.8	6.3	3.8	1.8	6.4	3.9	1.8	6.5	4.1	1.9		
	19			6.8	3.6	1.8	6.9	3.7	1.8	7.0	3.8	1.8	7.1	3.9	1.9	7.2	4.0	1.9		
	23			7.2	2.4	1.8	7.3	2.5	1.8	7.4	2.6	1.9	7.5	2.7	1.9	7.6	2.7	1.9		
29	19			6.9	3.8	1.8	7.0	4.0	1.8	7.1	4.1	1.9	7.2	4.2	1.9	7.3	4.3	1.9		
	30			16	6.4	4.0	1.7	6.5	4.2	1.8	6.6	4.3	1.8	6.7	4.4	1.8	6.8	4.5	1.9	
				19	7.0	4.1	1.8	7.1	4.2	1.8	7.2	4.3	1.9	7.3	4.5	1.9	7.4	4.6	1.9	
23				7.3	3.4	1.8	7.5	3.5	1.9	7.6	3.6	1.9	7.7	3.7	1.9	7.8	3.8	2.0		
32	16			6.8	4.4	1.8	6.9	4.5	1.8	7.0	4.6	1.8	7.1	4.8	1.9	7.2	4.9	1.9		
	19			7.2	4.6	1.8	7.3	4.7	1.8	7.4	4.9	1.9	7.5	5.0	1.9	7.6	5.2	1.9		
	23			7.6	4.3	1.9	7.7	4.4	1.9	7.8	4.5	1.9	7.9	4.6	2.0	8.0	4.8	2.0		
Low	1520			18	9	4.2	1.7	1.3	4.2	1.7	1.3	4.3	1.8	1.4	4.4	1.8	1.4	4.4	1.9	1.4
					12	4.3	1.1	1.4	4.4	1.1	1.4	4.5	1.2	1.4	4.5	1.2	1.4	4.6	1.2	1.5
					15	5.2	1.1	1.5	5.3	1.2	1.5	5.4	1.2	1.6	5.5	1.2	1.6	5.5	1.3	1.6
				21	12	5.2	2.6	1.6	5.3	2.6	1.6	5.4	2.7	1.6	5.4	2.8	1.7	5.5	2.9	1.7
					15	5.3	2.1	1.6	5.4	2.2	1.6	5.5	2.2	1.7	5.6	2.3	1.7	5.6	2.3	1.7
		19	6.2		1.7	1.7	6.3	1.7	1.8	6.4	1.8	1.8	6.5	1.8	1.8	6.6	1.9	1.9		
		24	16	5.6	2.6	1.6	5.6	2.7	1.6	5.7	2.8	1.7	5.8	2.9	1.7	5.9	2.9	1.7		
			19	6.3	2.6	1.7	6.4	2.6	1.8	6.5	2.7	1.8	6.6	2.8	1.8	6.7	2.9	1.9		
			23	6.2	1.2	1.8	6.3	1.2	1.8	6.4	1.3	1.9	6.5	1.3	1.9	6.6	1.3	1.9		
		27	16	5.8	3.3	1.7	5.9	3.4	1.7	6.0	3.5	1.8	6.1	3.6	1.8	6.2	3.7	1.8		
			19	6.4	3.3	1.8	6.5	3.4	1.8	6.6	3.5	1.8	6.7	3.6	1.9	6.8	3.7	1.9		
			23	6.8	2.2	1.8	6.9	2.3	1.8	7.0	2.3	1.9	7.1	2.4	1.9	7.2	2.5	1.9		
		29	19	6.6	3.5	1.8	6.7	3.6	1.8	6.8	3.7	1.8	6.9	3.8	1.9	7.0	3.9	1.9		
			30	16	6.1	3.7	1.7	6.2	3.8	1.8	6.3	3.9	1.8	6.4	4.0	1.8	6.5	4.1	1.9	
				19	6.6	3.7	1.8	6.7	3.8	1.8	6.8	3.9	1.8	6.9	4.1	1.9	7.0	4.2	1.9	
		23		7.0	3.1	1.8	7.1	3.1	1.8	7.2	3.2	1.9	7.3	3.3	1.9	7.4	3.4	1.9		
		32	16	6.4	4.0	1.8	6.5	4.1	1.8	6.6	4.2	1.8	6.7	4.3	1.9	6.8	4.4	1.9		
			19	6.8	4.2	1.8	6.9	4.3	1.8	7.0	4.4	1.9	7.1	4.6	1.9	7.2	4.7	1.9		
			23	7.6	4.1	1.9	7.7	4.2	1.9	7.8	4.3	1.9	7.9	4.4	2.0	8.0	4.6	2.0		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				5			10			15			18			21			25				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	2000	18	9	4.8	2.4	1.5	4.9	2.4	1.5	5.0	2.5	1.5	5.1	2.6	1.6	5.4	2.9	1.7	6.3	3.6	1.8		
			12	5.0	1.5	1.5	5.1	1.6	1.5	5.2	1.6	1.6	5.3	1.7	1.6	5.6	1.9	1.8	6.6	2.3	1.9		
			15	6.0	1.6	1.7	6.1	1.6	1.7	6.2	1.7	1.7	6.4	1.7	1.8	6.8	2.0	1.9	7.9	2.4	2.1		
		21	12	6.0	3.6	1.7	6.1	3.7	1.8	6.2	3.8	1.8	6.4	3.9	1.9	6.8	4.4	2.0	7.9	5.5	2.2		
			15	6.2	2.9	1.8	6.2	3.0	1.8	6.3	3.1	1.8	6.5	3.2	1.9	6.9	3.6	2.1	8.1	4.5	2.2		
			19	7.2	2.3	1.9	7.3	2.4	2.0	7.4	2.4	2.0	7.6	2.5	2.1	8.1	2.9	2.2	9.4	3.5	2.4		
		24	16	6.4	3.7	1.8	6.5	3.8	1.8	6.6	3.9	1.8	6.8	4.0	1.9	7.2	4.6	2.1	8.4	5.6	2.2		
			19	7.3	3.6	1.9	7.4	3.7	2.0	7.5	3.8	2.0	7.7	3.9	2.1	8.2	4.4	2.3	9.6	5.4	2.4		
			23	7.2	1.7	2.0	7.3	1.7	2.1	7.4	1.8	2.1	7.6	1.8	2.2	8.1	2.1	2.4	9.4	2.6	2.5		
		27	16	6.7	4.6	1.9	6.8	4.7	1.9	6.9	4.8	2.0	7.1	5.0	2.1	7.6	5.7	2.2	8.8	7.0	2.4		
			19	7.5	4.5	2.0	7.6	4.7	2.0	7.7	4.8	2.0	7.9	5.0	2.1	8.4	5.6	2.3	9.8	6.9	2.5		
			23	7.9	3.1	2.0	8.0	3.2	2.0	8.1	3.2	2.1	8.3	3.4	2.2	8.9	3.8	2.3	10.4	4.7	2.5		
		29	19	7.6	4.9	2.0	7.7	5.0	2.0	7.8	5.1	2.0	8.0	5.3	2.1	8.6	6.0	2.3	10.0	7.4	2.5		
			30	16	7.1	5.1	1.9	7.2	5.2	2.0	7.3	5.4	2.0	7.5	5.6	2.1	8.0	6.3	2.2	9.3	7.8	2.4	
				19	7.7	5.2	2.0	7.8	5.3	2.0	7.9	5.5	2.0	8.1	5.7	2.1	8.7	6.4	2.3	10.1	7.9	2.5	
		23		8.1	4.2	2.0	8.2	4.4	2.1	8.3	4.5	2.1	8.5	4.7	2.2	9.1	5.3	2.4	10.6	6.5	2.5		
		32	16	7.4	5.5	2.0	7.5	5.7	2.0	7.6	5.8	2.0	7.8	6.1	2.1	8.4	6.9	2.3	9.7	8.5	2.5		
			19	7.9	5.8	2.0	8.0	6.0	2.0	8.1	6.1	2.1	8.3	6.4	2.2	8.9	7.2	2.3	10.4	8.9	2.5		
			23	8.1	5.3	2.0	8.3	5.4	2.1	8.4	5.6	2.1	8.6	5.8	2.2	9.2	6.6	2.4	10.7	8.1	2.5		
		Medium	1630	18	9	4.7	2.1	1.4	4.8	2.2	1.5	4.9	2.3	1.5	5.0	2.4	1.6	5.3	2.7	1.7	6.2	3.3	1.8
					12	4.9	1.4	1.5	5.0	1.4	1.5	5.1	1.5	1.6	5.2	1.5	1.6	5.5	1.7	1.8	6.4	2.1	1.9
					15	5.9	1.4	1.7	6.0	1.5	1.7	6.1	1.5	1.7	6.3	1.6	1.8	6.7	1.8	1.9	7.8	2.2	2.1
				21	12	5.9	3.3	1.7	6.0	3.3	1.8	6.1	3.4	1.8	6.2	3.6	1.9	6.6	4.0	2.0	7.7	5.0	2.2
					15	6.0	2.7	1.8	6.1	2.7	1.8	6.2	2.8	1.8	6.4	2.9	1.9	6.8	3.3	2.1	7.9	4.1	2.2
19	7.0				2.1	1.9	7.1	2.2	1.9	7.2	2.2	2.0	7.4	2.3	2.1	7.9	2.6	2.2	9.2	3.2	2.4		
24	16			6.3	3.3	1.8	6.4	3.4	1.8	6.5	3.5	1.8	6.7	3.7	1.9	7.1	4.1	2.1	8.3	5.1	2.2		
	19			7.2	3.2	1.9	7.3	3.3	2.0	7.4	3.4	2.0	7.6	3.6	2.1	8.1	4.0	2.2	9.4	5.0	2.4		
	23			7.0	1.5	2.0	7.1	1.6	2.0	7.2	1.6	2.1	7.4	1.7	2.2	7.9	1.9	2.3	9.2	2.3	2.5		
27	16			6.6	4.2	1.9	6.7	4.3	1.9	6.8	4.4	1.9	6.9	4.6	2.0	7.4	5.2	2.2	8.6	6.4	2.4		
	19			7.3	4.1	1.9	7.4	4.2	2.0	7.5	4.4	2.0	7.7	4.5	2.1	8.2	5.1	2.3	9.6	6.3	2.4		
	23			7.7	2.8	2.0	7.9	2.9	2.0	8.0	3.0	2.0	8.2	3.1	2.1	8.7	3.5	2.3	10.1	4.3	2.5		
29	19			7.5	4.4	2.0	7.6	4.5	2.0	7.7	4.7	2.0	7.9	4.9	2.1	8.4	5.5	2.3	9.8	6.8	2.5		
	30			16	6.9	4.7	1.9	7.0	4.8	1.9	7.1	4.9	2.0	7.3	5.1	2.1	7.8	5.8	2.2	9.1	7.1	2.4	
				19	7.5	4.7	2.0	7.6	4.9	2.0	7.7	5.0	2.0	7.9	5.2	2.1	8.5	5.9	2.3	9.9	7.2	2.5	
23				7.9	3.9	2.0	8.0	4.0	2.0	8.1	4.1	2.1	8.3	4.2	2.2	8.9	4.8	2.3	10.3	5.9	2.5		
32	16			7.3	5.0	1.9	7.4	5.2	2.0	7.5	5.3	2.0	7.7	5.5	2.1	8.2	6.3	2.3	9.5	7.7	2.4		
	19			7.7	5.3	2.0	7.9	5.4	2.0	8.0	5.6	2.0	8.2	5.8	2.1	8.7	6.6	2.3	10.1	8.1	2.5		
	23			8.1	4.9	2.0	8.3	5.0	2.1	8.4	5.2	2.1	8.6	5.4	2.2	9.2	6.1	2.4	10.7	7.5	2.5		
Low	1520			18	9	4.5	1.9	1.4	4.6	2.0	1.4	4.6	2.1	1.5	4.7	2.1	1.5	5.1	2.4	1.7	5.9	3.0	1.8
					12	4.7	1.3	1.5	4.7	1.3	1.5	4.8	1.3	1.5	4.9	1.4	1.6	5.3	1.6	1.7	6.1	1.9	1.9
					15	5.6	1.3	1.6	5.7	1.3	1.7	5.8	1.4	1.7	5.9	1.4	1.8	6.3	1.6	1.9	7.4	2.0	2.0
				21	12	5.6	3.0	1.7	5.7	3.0	1.7	5.7	3.1	1.8	5.9	3.2	1.9	6.3	3.7	2.0	7.3	4.5	2.1
					15	5.7	2.4	1.8	5.8	2.5	1.8	5.9	2.5	1.8	6.0	2.6	1.9	6.4	3.0	2.0	7.5	3.7	2.2
		19	6.7		1.9	1.9	6.7	2.0	1.9	6.8	2.0	1.9	7.0	2.1	2.0	7.5	2.4	2.2	8.7	2.9	2.4		
		24	16	6.0	3.0	1.8	6.1	3.1	1.8	6.1	3.2	1.8	6.3	3.3	1.9	6.7	3.8	2.0	7.8	4.6	2.2		
			19	6.8	2.9	1.9	6.9	3.0	1.9	7.0	3.1	2.0	7.2	3.2	2.1	7.7	3.7	2.2	8.9	4.5	2.4		
			23	6.7	1.4	2.0	6.8	1.4	2.0	6.8	1.5	2.0	7.0	1.5	2.1	7.5	1.7	2.3	8.7	2.1	2.5		
		27	16	6.2	3.8	1.9	6.3	3.9	1.9	6.4	4.0	1.9	6.6	4.2	2.0	7.0	4.7	2.2	8.2	5.8	2.3		
			19	6.9	3.8	1.9	7.0	3.9	2.0	7.1	4.0	2.0	7.3	4.1	2.1	7.8	4.7	2.2	9.1	5.7	2.4		
			23	7.3	2.5	2.0	7.5	2.6	2.0	7.6	2.7	2.0	7.8	2.8	2.1	8.3	3.2	2.3	9.6	3.9	2.5		
		29	19	7.1	4.0	1.9	7.2	4.1	2.0	7.3	4.2	2.0	7.5	4.4	2.1	8.0	5.0	2.3	9.3	6.2	2.4		
			30	16	6.6	4.2	1.9	6.7	4.3	1.9	6.8	4.5	1.9	6.9	4.6	2.0	7.4	5.3	2.2	8.6	6.5	2.4	
				19	7.1	4.3	1.9	7.2	4.4	2.0	7.3	4.5	2.0	7.5	4.7	2.1	8.0	5.3	2.3	9.4	6.6	2.4	
		23		7.5	3.5	2.0	7.6	3.6	2.0	7.7	3.7	2.0	7.9	3.9	2.1	8.4	4.4	2.3	9.8	5.4	2.5		
		32	16	6.9	4.6	1.9	7.0	4.7	2.0	7.1	4.8	2.0	7.3	5.0	2.1	7.8	5.7	2.2	9.0	7.0	2.4		
			19	7.3	4.8	2.0	7.5	4.9	2.0	7.6	5.1	2.0	7.8	5.3	2.1	8.3	6.0	2.3	9.6	7.4	2.5		
			23	8.1	4.7	2.0	8.3	4.8	2.1	8.4	4.9	2.1	8.6	5.1	2.2	9.2	5.8	2.4	10.7	7.2	2.5		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				30			35			39			43			46			48				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	2000	18	9	6.6	4.0	2.1	6.8	4.3	2.4	6.7	4.3	2.6	5.4	3.5	2.2	5.1	3.4	2.1	4.8	3.2	2.1		
			12	6.8	2.6	2.1	7.1	2.8	2.5	6.9	2.8	2.8	5.6	2.3	2.3	5.3	2.2	2.1	4.9	2.1	2.2		
			15	8.2	2.7	2.4	8.5	2.9	2.8	8.3	2.9	3.0	6.8	2.4	2.5	6.4	2.3	2.4	6.0	2.2	2.4		
		21	12	8.2	6.0	2.5	8.5	6.5	2.9	8.3	6.5	3.2	6.8	5.4	2.6	6.4	5.1	2.5	5.9	4.9	2.5		
			15	8.4	4.9	2.5	8.7	5.3	3.0	8.5	5.3	3.2	6.9	4.4	2.7	6.5	4.2	2.5	6.1	4.0	2.6		
			19	9.8	3.9	2.7	10.1	4.2	3.2	9.9	4.2	3.5	8.1	3.5	2.9	7.6	3.3	2.7	7.1	3.2	2.8		
		24	16	8.8	6.2	2.5	9.1	6.7	3.0	8.9	6.6	3.2	7.2	5.5	2.7	6.8	5.3	2.5	6.3	5.0	2.6		
			19	10.0	6.0	2.8	10.3	6.5	3.2	10.1	6.4	3.5	8.2	5.4	2.9	7.7	5.1	2.8	7.2	4.9	2.8		
			23	9.8	2.8	2.9	10.1	3.1	3.4	9.9	3.0	3.7	8.1	2.5	3.0	7.6	2.4	2.9	7.1	2.3	2.9		
		27	16	9.2	7.7	2.7	9.5	8.4	3.2	9.3	8.3	3.5	7.6	6.9	2.9	7.1	6.6	2.7	6.6	6.3	2.8		
			19	10.2	7.6	2.8	10.5	8.3	3.3	10.3	8.2	3.6	8.4	6.8	2.9	7.9	6.5	2.8	7.4	6.2	2.8		
			23	10.8	5.2	2.8	11.1	5.6	3.3	10.9	5.6	3.6	8.9	4.6	3.0	8.3	4.4	2.8	7.8	4.2	2.9		
		29	19	10.4	8.2	2.8	10.7	8.9	3.3	10.5	8.8	3.6	8.6	7.3	3.0	8.0	7.0	2.8	7.5	6.7	2.9		
			16	9.7	8.6	2.7	9.9	9.3	3.2	9.8	9.2	3.5	8.0	7.7	2.9	7.5	7.4	2.7	7.0	7.0	2.8		
			19	10.5	8.7	2.8	10.8	9.5	3.3	10.6	9.4	3.6	8.7	7.8	3.0	8.1	7.5	2.8	7.6	7.1	2.9		
		30	23	11.0	7.2	2.9	11.4	7.8	3.4	11.1	7.7	3.7	9.1	6.4	3.0	8.5	6.1	2.9	7.9	5.8	2.9		
			16	10.1	9.3	2.8	10.5	10.1	3.3	10.3	10.0	3.6	8.4	8.3	2.9	7.8	8.0	2.8	7.3	7.6	2.8		
			19	10.8	9.8	2.8	11.1	10.6	3.3	10.9	10.5	3.6	8.9	8.8	3.0	8.3	8.4	2.8	7.8	8.0	2.9		
		32	23	11.1	8.9	2.9	11.5	9.6	3.4	11.2	9.5	3.7	9.2	7.9	3.0	8.6	7.6	2.9	8.0	7.2	2.9		
			16	9.5	3.6	2.0	6.7	3.9	2.4	6.5	3.9	2.6	5.3	3.2	2.2	5.0	3.1	2.0	4.7	2.9	2.1		
			12	6.7	2.4	2.1	6.9	2.6	2.5	6.8	2.5	2.7	5.5	2.1	2.3	5.2	2.0	2.1	4.8	1.9	2.2		
		Medium	1630	18	12	8.1	2.4	2.3	8.3	2.6	2.8	8.2	2.6	3.0	6.7	2.2	2.5	6.3	2.1	2.3	5.8	2.0	2.4
					15	8.0	5.5	2.5	8.3	5.9	2.9	8.1	5.9	3.1	6.6	4.9	2.6	6.2	4.7	2.5	5.8	4.5	2.5
					19	9.6	3.5	2.7	9.9	3.8	3.2	9.7	3.8	3.5	7.9	3.2	2.9	7.4	3.0	2.7	6.9	2.9	2.8
21	16			8.6	5.6	2.5	8.9	6.1	2.9	8.7	6.0	3.2	7.1	5.0	2.7	6.7	4.8	2.5	6.2	4.6	2.6		
	19			9.8	5.5	2.7	10.1	5.9	3.2	9.9	5.9	3.5	8.1	4.9	2.9	7.6	4.7	2.7	7.1	4.4	2.8		
	23			9.6	2.6	2.8	9.9	2.8	3.3	9.7	2.8	3.6	7.9	2.3	3.0	7.4	2.2	2.8	6.9	2.1	2.9		
24	16			9.0	7.0	2.7	9.3	7.6	3.1	9.1	7.5	3.4	7.4	6.3	2.8	6.9	6.0	2.7	6.5	5.7	2.7		
	19			10.0	7.0	2.8	10.3	7.6	3.2	10.1	7.5	3.5	8.2	6.2	2.9	7.7	6.0	2.8	7.2	5.7	2.8		
	23			10.6	4.7	2.8	10.9	5.1	3.3	10.7	5.1	3.6	8.7	4.2	3.0	8.2	4.0	2.8	7.6	3.8	2.9		
27	19			10.2	7.5	2.8	10.5	8.1	3.3	10.3	8.0	3.6	8.4	6.7	2.9	7.9	6.4	2.8	7.3	6.1	2.8		
	16			9.5	7.8	2.7	9.8	8.5	3.2	9.6	8.4	3.5	7.8	7.0	2.9	7.3	6.7	2.7	6.8	6.4	2.8		
	19			10.3	8.0	2.8	10.6	8.6	3.3	10.4	8.6	3.6	8.5	7.1	2.9	7.9	6.8	2.8	7.4	6.5	2.8		
30	23			10.8	6.5	2.8	11.1	7.1	3.3	10.9	7.0	3.6	8.9	5.8	3.0	8.3	5.6	2.8	7.8	5.3	2.9		
	16			9.9	8.5	2.8	10.3	9.2	3.2	10.0	9.1	3.5	8.2	7.6	2.9	7.7	7.2	2.8	7.2	6.9	2.8		
	19			10.6	8.9	2.8	10.9	9.7	3.3	10.7	9.6	3.6	8.7	8.0	3.0	8.2	7.6	2.8	7.6	7.3	2.9		
32	23			11.1	8.3	2.9	11.5	9.0	3.4	11.2	8.9	3.7	9.2	7.4	3.0	8.6	7.1	2.9	8.0	6.7	2.9		
	16			6.1	3.3	2.0	6.3	3.6	2.4	6.2	3.5	2.6	5.1	2.9	2.1	4.7	2.8	2.0	4.4	2.7	2.1		
	12			6.4	2.1	2.1	6.6	2.3	2.5	6.4	2.3	2.7	5.3	1.9	2.2	4.9	1.8	2.1	4.6	1.7	2.2		
Low	1520			18	15	7.7	2.2	2.3	7.9	2.4	2.7	7.8	2.4	3.0	6.3	2.0	2.5	5.9	1.9	2.3	5.5	1.8	2.4
					12	7.6	5.0	2.4	7.9	5.4	2.9	7.7	5.3	3.1	6.3	4.4	2.6	5.9	4.3	2.4	5.5	4.0	2.5
					15	7.8	4.1	2.5	8.1	4.4	2.9	7.9	4.4	3.2	6.4	3.6	2.6	6.0	3.5	2.5	5.6	3.3	2.5
				21	19	9.1	3.2	2.7	9.4	3.5	3.1	9.2	3.5	3.4	7.5	2.9	2.8	7.0	2.8	2.7	6.6	2.6	2.7
					16	8.2	5.1	2.5	8.4	5.5	2.9	8.3	5.5	3.2	6.7	4.6	2.6	6.3	4.4	2.5	5.9	4.2	2.5
					19	9.3	5.0	2.7	9.6	5.4	3.2	9.4	5.3	3.5	7.7	4.4	2.9	7.2	4.2	2.7	6.7	4.0	2.8
		24	23	9.1	2.3	2.8	9.4	2.5	3.3	9.2	2.5	3.6	7.5	2.1	3.0	7.0	2.0	2.8	6.6	1.9	2.9		
			16	8.5	6.4	2.6	8.8	6.9	3.1	8.6	6.9	3.4	7.0	5.7	2.8	6.6	5.5	2.6	6.2	5.2	2.7		
			19	9.5	6.3	2.7	9.8	6.9	3.2	9.6	6.8	3.5	7.8	5.7	2.9	7.3	5.4	2.7	6.8	5.1	2.8		
		27	23	10.0	4.3	2.8	10.4	4.7	3.3	10.1	4.6	3.6	8.3	3.8	2.9	7.8	3.7	2.8	7.2	3.5	2.8		
			19	9.7	6.8	2.8	10.0	7.4	3.2	9.8	7.3	3.5	8.0	6.1	2.9	7.5	5.8	2.8	7.0	5.5	2.8		
			16	9.0	7.1	2.7	9.3	7.7	3.1	9.1	7.6	3.4	7.4	6.4	2.8	6.9	6.1	2.7	6.5	5.8	2.7		
		30	19	9.8	7.2	2.8	10.1	7.8	3.2	9.9	7.8	3.5	8.0	6.5	2.9	7.5	6.2	2.8	7.0	5.9	2.8		
			23	10.2	5.9	2.8	10.6	6.4	3.3	10.3	6.4	3.6	8.4	5.3	3.0	7.9	5.1	2.8	7.4	4.8	2.9		
			16	9.4	7.7	2.7	9.7	8.4	3.2	9.5	8.3	3.5	7.8	6.9	2.9	7.3	6.6	2.7	6.8	6.3	2.8		
		32	19	10.0	8.1	2.8	10.4	8.8	3.3	10.1	8.7	3.6	8.3	7.3	2.9	7.8	6.9	2.8	7.2	6.6	2.8		
			23	11.1	7.9	2.9	11.5	8.6	3.4	11.2	8.5	3.7	9.2	7.1	3.0	8.6	6.8	2.9	8.0	6.4	2.9		

Outdoor Unit:GUHD42NK3C1O/GUHD42NM3C1O Indoor Unit:GTH42K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																
				-15			-10			-7			-5			0				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	2000	18	9	4.9	2.2	1.5	5.0	2.3	1.5	5.1	2.4	1.5	5.1	2.4	1.5	5.2	2.5	1.6		
			12	5.1	1.5	1.5	5.2	1.5	1.6	5.3	1.5	1.6	5.3	1.6	1.6	5.4	1.6	1.6		
			15	6.1	1.5	1.7	6.2	1.5	1.7	6.3	1.6	1.7	6.4	1.6	1.8	6.5	1.7	1.8		
		21	12	6.1	3.4	1.8	6.2	3.5	1.8	6.3	3.6	1.8	6.4	3.7	1.9	6.5	3.8	1.9		
			15	6.3	2.8	1.8	6.4	2.9	1.8	6.5	2.9	1.9	6.6	3.0	1.9	6.6	3.1	1.9		
			19	7.3	2.2	1.9	7.4	2.3	2.0	7.5	2.3	2.0	7.6	2.4	2.0	7.7	2.5	2.1		
		24	16	6.5	3.5	1.8	6.6	3.6	1.8	6.7	3.7	1.9	6.8	3.8	1.9	6.9	3.9	1.9		
			19	7.4	3.4	1.9	7.6	3.5	2.0	7.7	3.6	2.0	7.8	3.7	2.1	7.9	3.8	2.1		
			23	7.3	1.6	2.0	7.4	1.6	2.1	7.5	1.7	2.1	7.6	1.7	2.1	7.7	1.8	2.2		
		27	16	6.8	4.4	1.9	6.9	4.5	1.9	7.0	4.6	2.0	7.1	4.7	2.0	7.2	4.9	2.0		
			19	7.6	4.3	2.0	7.7	4.4	2.0	7.8	4.6	2.0	7.9	4.7	2.1	8.1	4.8	2.1		
			23	8.0	2.9	2.0	8.2	3.0	2.0	8.3	3.1	2.1	8.4	3.2	2.1	8.5	3.3	2.2		
		29	19	7.7	4.6	2.0	7.9	4.8	2.0	8.0	4.9	2.1	8.1	5.0	2.1	8.2	5.2	2.1		
			16	7.2	4.9	1.9	7.3	5.0	2.0	7.4	5.1	2.0	7.5	5.3	2.0	7.6	5.4	2.1		
			19	7.8	4.9	2.0	7.9	5.1	2.0	8.1	5.2	2.1	8.2	5.4	2.1	8.3	5.5	2.1		
		30	23	8.2	4.0	2.0	8.3	4.2	2.1	8.5	4.3	2.1	8.6	4.4	2.1	8.7	4.5	2.2		
			16	7.6	5.3	2.0	7.7	5.4	2.0	7.8	5.6	2.0	7.9	5.7	2.1	8.0	5.9	2.1		
			19	8.0	5.5	2.0	8.2	5.7	2.0	8.3	5.9	2.1	8.4	6.0	2.1	8.5	6.2	2.2		
		32	23	8.3	5.0	2.0	8.4	5.2	2.1	8.5	5.3	2.1	8.7	5.5	2.1	8.8	5.6	2.2		
			18	9	4.8	2.0	1.4	4.9	2.1	1.5	5.0	2.2	1.5	5.0	2.2	1.5	5.1	2.3	1.5	
			12	5.0	1.3	1.5	5.1	1.4	1.5	5.2	1.4	1.6	5.2	1.4	1.6	5.3	1.5	1.6		
		Medium	1630	18	15	6.0	1.4	1.7	6.1	1.4	1.7	6.2	1.5	1.7	6.3	1.5	1.7	6.4	1.5	1.8
					12	6.0	3.1	1.7	6.1	3.2	1.8	6.2	3.3	1.8	6.3	3.4	1.8	6.4	3.5	1.9
					15	6.1	2.5	1.8	6.2	2.6	1.8	6.3	2.7	1.8	6.4	2.8	1.9	6.5	2.8	1.9
21	19			7.1	2.0	1.9	7.2	2.1	1.9	7.4	2.1	2.0	7.5	2.2	2.0	7.6	2.2	2.0		
	16			6.4	3.2	1.8	6.5	3.3	1.8	6.6	3.4	1.8	6.7	3.5	1.9	6.8	3.6	1.9		
	19			7.3	3.1	1.9	7.4	3.2	2.0	7.5	3.3	2.0	7.6	3.4	2.0	7.7	3.5	2.1		
24	23			7.1	1.5	2.0	7.3	1.5	2.0	7.4	1.5	2.1	7.5	1.6	2.1	7.6	1.6	2.2		
	16			6.7	4.0	1.9	6.8	4.1	1.9	6.9	4.2	2.0	7.0	4.3	2.0	7.1	4.4	2.0		
	19			7.4	3.9	1.9	7.6	4.0	2.0	7.7	4.2	2.0	7.8	4.3	2.1	7.9	4.4	2.1		
27	23			7.9	2.7	2.0	8.0	2.7	2.0	8.1	2.8	2.1	8.2	2.9	2.1	8.4	3.0	2.1		
	19			7.6	4.2	2.0	7.7	4.3	2.0	7.8	4.5	2.0	7.9	4.6	2.1	8.0	4.7	2.1		
	16			7.0	4.4	1.9	7.2	4.6	1.9	7.3	4.7	2.0	7.4	4.8	2.0	7.5	5.0	2.0		
29	19			7.7	4.5	2.0	7.8	4.6	2.0	7.9	4.8	2.0	8.0	4.9	2.1	8.1	5.0	2.1		
	23			8.0	3.7	2.0	8.2	3.8	2.0	8.3	3.9	2.1	8.4	4.0	2.1	8.5	4.1	2.2		
	16			7.4	4.8	1.9	7.5	4.9	2.0	7.6	5.1	2.0	7.7	5.2	2.1	7.9	5.4	2.1		
30	19			7.9	5.0	2.0	8.0	5.2	2.0	8.1	5.3	2.1	8.2	5.5	2.1	8.4	5.6	2.1		
	23			8.3	4.7	2.0	8.4	4.8	2.1	8.5	4.9	2.1	8.7	5.1	2.1	8.8	5.2	2.2		
	18			9	4.6	1.9	1.4	4.6	1.9	1.5	4.7	2.0	1.5	4.8	2.0	1.5	4.9	2.1	1.5	
Low	1520			18	12	4.7	1.2	1.5	4.8	1.2	1.5	4.9	1.3	1.5	5.0	1.3	1.6	5.0	1.4	1.6
					15	5.7	1.2	1.6	5.8	1.3	1.7	5.9	1.3	1.7	6.0	1.4	1.7	6.1	1.4	1.8
					12	5.7	2.8	1.7	5.8	2.9	1.8	5.9	3.0	1.8	6.0	3.1	1.8	6.0	3.1	1.8
				21	15	5.8	2.3	1.8	5.9	2.4	1.8	6.0	2.4	1.8	6.1	2.5	1.9	6.2	2.6	1.9
					19	6.8	1.8	1.9	6.9	1.9	1.9	7.0	1.9	2.0	7.1	2.0	2.0	7.2	2.0	2.0
					16	6.1	2.9	1.8	6.2	3.0	1.8	6.3	3.1	1.8	6.4	3.1	1.9	6.5	3.2	1.9
		24	19	6.9	2.8	1.9	7.0	2.9	1.9	7.1	3.0	2.0	7.2	3.1	2.0	7.3	3.1	2.0		
			23	6.8	1.3	2.0	6.9	1.4	2.0	7.0	1.4	2.1	7.1	1.4	2.1	7.2	1.5	2.1		
			16	6.4	3.6	1.9	6.4	3.7	1.9	6.5	3.8	1.9	6.6	3.9	2.0	6.7	4.0	2.0		
		27	19	7.1	3.6	1.9	7.2	3.7	2.0	7.3	3.8	2.0	7.4	3.9	2.0	7.5	4.0	2.1		
			23	7.5	2.4	2.0	7.6	2.5	2.0	7.7	2.6	2.0	7.8	2.6	2.1	7.9	2.7	2.1		
			19	7.2	3.8	1.9	7.3	3.9	2.0	7.4	4.1	2.0	7.5	4.2	2.1	7.6	4.3	2.1		
		29	16	6.7	4.0	1.9	6.8	4.1	1.9	6.9	4.3	2.0	7.0	4.4	2.0	7.1	4.5	2.0		
			19	7.3	4.1	1.9	7.4	4.2	2.0	7.5	4.3	2.0	7.6	4.4	2.1	7.7	4.6	2.1		
			23	7.6	3.3	2.0	7.7	3.4	2.0	7.9	3.5	2.1	8.0	3.6	2.1	8.1	3.7	2.1		
		30	16	7.0	4.4	1.9	7.1	4.5	2.0	7.2	4.6	2.0	7.4	4.7	2.0	7.5	4.9	2.1		
			19	7.5	4.6	2.0	7.6	4.7	2.0	7.7	4.9	2.0	7.8	5.0	2.1	7.9	5.1	2.1		
			23	8.3	4.5	2.0	8.4	4.6	2.1	8.5	4.7	2.1	8.7	4.9	2.1	8.8	5.0	2.2		

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Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				5			10			15			18			21			25				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	2000	18	9	5.3	2.6	1.6	5.4	2.6	1.6	5.4	2.7	1.6	5.6	2.8	1.7	6.0	3.2	1.9	6.9	3.9	2.0		
			12	5.5	1.7	1.7	5.6	1.7	1.7	5.6	1.8	1.7	5.8	1.8	1.8	6.2	2.1	1.9	7.2	2.6	2.1		
			15	6.6	1.7	1.8	6.7	1.8	1.9	6.8	1.8	1.9	7.0	1.9	2.0	7.5	2.2	2.1	8.7	2.6	2.3		
		21	12	6.6	3.9	1.9	6.7	4.0	1.9	6.8	4.1	2.0	7.0	4.3	2.1	7.4	4.9	2.2	8.6	6.0	2.4		
			15	6.7	3.2	2.0	6.8	3.3	2.0	6.9	3.4	2.0	7.1	3.5	2.1	7.6	4.0	2.3	8.8	4.9	2.4		
			19	7.8	2.5	2.1	7.9	2.6	2.1	8.1	2.7	2.2	8.3	2.8	2.3	8.8	3.1	2.5	10.3	3.9	2.6		
		24	16	7.0	4.0	2.0	7.1	4.1	2.0	7.2	4.2	2.0	7.4	4.4	2.1	7.9	5.0	2.3	9.2	6.1	2.4		
			19	8.0	3.9	2.1	8.1	4.0	2.2	8.2	4.1	2.2	8.5	4.3	2.3	9.0	4.8	2.5	10.5	6.0	2.7		
			23	7.8	1.8	2.2	8.0	1.9	2.2	8.1	1.9	2.3	8.3	2.0	2.4	8.8	2.3	2.6	10.3	2.8	2.8		
		27	16	7.3	5.0	2.1	7.5	5.1	2.1	7.6	5.3	2.2	7.8	5.5	2.3	8.3	6.2	2.4	9.6	7.7	2.6		
			19	8.2	5.0	2.1	8.3	5.1	2.2	8.4	5.2	2.2	8.6	5.5	2.3	9.2	6.2	2.5	10.7	7.6	2.7		
			23	8.7	3.4	2.2	8.8	3.5	2.2	8.9	3.6	2.3	9.1	3.7	2.4	9.8	4.2	2.6	11.3	5.2	2.7		
		29	19	8.3	5.3	2.2	8.4	5.5	2.2	8.6	5.6	2.2	8.8	5.8	2.4	9.4	6.6	2.5	10.9	8.1	2.7		
			16	7.7	5.6	2.1	7.8	5.7	2.1	8.0	5.9	2.2	8.2	6.1	2.3	8.7	7.0	2.5	10.1	8.6	2.6		
			19	8.4	5.7	2.2	8.5	5.8	2.2	8.6	6.0	2.2	8.9	6.2	2.4	9.5	7.1	2.5	11.0	8.7	2.7		
		30	23	8.8	4.7	2.2	9.0	4.8	2.2	9.1	4.9	2.3	9.3	5.1	2.4	9.9	5.8	2.6	11.6	7.1	2.8		
			16	8.1	6.0	2.1	8.3	6.2	2.2	8.4	6.4	2.2	8.6	6.6	2.3	9.2	7.5	2.5	10.7	9.3	2.7		
			19	8.7	6.4	2.2	8.8	6.5	2.2	8.9	6.7	2.3	9.1	7.0	2.4	9.8	7.9	2.6	11.3	9.8	2.7		
		32	23	8.9	5.8	2.2	9.0	5.9	2.2	9.2	6.1	2.3	9.4	6.3	2.4	10.0	7.2	2.6	11.7	8.8	2.8		
			16	8.1	6.0	2.1	8.3	6.2	2.2	8.4	6.4	2.2	8.6	6.6	2.3	9.2	7.5	2.5	10.7	9.3	2.7		
			19	8.7	6.4	2.2	8.8	6.5	2.2	8.9	6.7	2.3	9.1	7.0	2.4	9.8	7.9	2.6	11.3	9.8	2.7		
		Medium	1630	18	9	5.2	2.3	1.6	5.3	2.4	1.6	5.3	2.5	1.6	5.5	2.6	1.7	5.8	2.9	1.8	6.8	3.6	2.0
					12	5.4	1.5	1.6	5.5	1.6	1.7	5.5	1.6	1.7	5.7	1.7	1.8	6.1	1.9	1.9	7.0	2.3	2.1
					15	6.5	1.6	1.8	6.6	1.6	1.8	6.7	1.7	1.9	6.8	1.7	2.0	7.3	2.0	2.1	8.5	2.4	2.3
21	12			6.5	3.6	1.9	6.5	3.7	1.9	6.6	3.8	2.0	6.8	3.9	2.1	7.3	4.4	2.2	8.5	5.5	2.4		
	15			6.6	2.9	1.9	6.7	3.0	2.0	6.8	3.1	2.0	7.0	3.2	2.1	7.4	3.6	2.3	8.7	4.5	2.4		
	19			7.7	2.3	2.1	7.8	2.4	2.1	7.9	2.4	2.2	8.1	2.5	2.3	8.7	2.9	2.4	10.1	3.5	2.6		
24	16			6.9	3.7	1.9	7.0	3.8	2.0	7.1	3.9	2.0	7.3	4.0	2.1	7.8	4.5	2.3	9.0	5.6	2.4		
	19			7.8	3.5	2.1	8.0	3.6	2.1	8.1	3.7	2.2	8.3	3.9	2.3	8.8	4.4	2.5	10.3	5.4	2.6		
	23			7.7	1.7	2.2	7.8	1.7	2.2	7.9	1.8	2.3	8.1	1.8	2.4	8.7	2.1	2.6	10.1	2.6	2.7		
27	16			7.2	4.6	2.1	7.3	4.7	2.1	7.4	4.8	2.1	7.6	5.0	2.2	8.1	5.7	2.4	9.4	7.0	2.6		
	19			8.0	4.5	2.1	8.1	4.7	2.2	8.2	4.8	2.2	8.5	5.0	2.3	9.0	5.6	2.5	10.5	6.9	2.7		
	23			8.5	3.1	2.2	8.6	3.2	2.2	8.7	3.2	2.2	9.0	3.4	2.3	9.6	3.8	2.5	11.1	4.7	2.7		
29	19			8.2	4.8	2.1	8.3	5.0	2.2	8.4	5.1	2.2	8.6	5.3	2.3	9.2	6.0	2.5	10.7	7.4	2.7		
	16			7.6	5.1	2.1	7.7	5.2	2.1	7.8	5.4	2.2	8.0	5.6	2.3	8.5	6.3	2.4	9.9	7.8	2.6		
	19			8.2	5.2	2.1	8.4	5.3	2.2	8.5	5.5	2.2	8.7	5.7	2.3	9.3	6.4	2.5	10.8	7.9	2.7		
30	23			8.7	4.2	2.2	8.8	4.4	2.2	8.9	4.5	2.3	9.1	4.7	2.4	9.8	5.3	2.6	11.3	6.5	2.7		
	16			8.0	5.5	2.1	8.1	5.7	2.2	8.2	5.8	2.2	8.4	6.0	2.3	9.0	6.9	2.5	10.4	8.4	2.7		
	19			8.5	5.8	2.2	8.6	6.0	2.2	8.7	6.1	2.2	9.0	6.4	2.3	9.6	7.2	2.5	11.1	8.9	2.7		
32	23			8.9	5.4	2.2	9.0	5.5	2.2	9.2	5.7	2.3	9.4	5.9	2.4	10.0	6.7	2.6	11.7	8.2	2.8		
	16			8.0	5.5	2.1	8.1	5.7	2.2	8.2	5.8	2.2	8.4	6.0	2.3	9.0	6.9	2.5	10.4	8.4	2.7		
	19			8.5	5.8	2.2	8.6	6.0	2.2	8.7	6.1	2.2	9.0	6.4	2.3	9.6	7.2	2.5	11.1	8.9	2.7		
Low	1520			18	9	4.9	2.1	1.6	5.0	2.2	1.6	5.1	2.2	1.6	5.2	2.3	1.7	5.5	2.7	1.8	6.4	3.3	1.9
					12	5.1	1.4	1.6	5.2	1.4	1.7	5.2	1.5	1.7	5.4	1.5	1.8	5.8	1.7	1.9	6.7	2.1	2.0
					15	6.2	1.4	1.8	6.2	1.5	1.8	6.3	1.5	1.8	6.5	1.6	1.9	6.9	1.8	2.1	8.1	2.2	2.2
		21	12	6.1	3.2	1.9	6.2	3.3	1.9	6.3	3.4	1.9	6.5	3.5	2.0	6.9	4.0	2.2	8.0	4.9	2.3		
			15	6.3	2.6	1.9	6.4	2.7	2.0	6.4	2.8	2.0	6.6	2.9	2.1	7.1	3.3	2.2	8.2	4.0	2.4		
			19	7.3	2.1	2.1	7.4	2.1	2.1	7.5	2.2	2.1	7.7	2.3	2.2	8.2	2.6	2.4	9.5	3.2	2.6		
		24	16	6.5	3.3	1.9	6.6	3.4	1.9	6.7	3.5	2.0	6.9	3.6	2.1	7.4	4.1	2.2	8.6	5.1	2.4		
			19	7.4	3.2	2.1	7.5	3.3	2.1	7.7	3.4	2.2	7.9	3.5	2.3	8.4	4.0	2.4	9.7	4.9	2.6		
			23	7.3	1.5	2.2	7.4	1.6	2.2	7.5	1.6	2.2	7.7	1.7	2.3	8.2	1.9	2.5	9.6	2.3	2.7		
		27	16	6.8	4.1	2.0	6.9	4.3	2.1	7.0	4.4	2.1	7.2	4.5	2.2	7.7	5.2	2.4	9.0	6.3	2.6		
			19	7.6	4.1	2.1	7.7	4.2	2.1	7.8	4.3	2.2	8.0	4.5	2.3	8.6	5.1	2.5	9.9	6.3	2.6		
			23	8.0	2.8	2.1	8.2	2.9	2.2	8.3	2.9	2.2	8.5	3.1	2.3	9.1	3.5	2.5	10.5	4.3	2.7		
		29	19	7.7	4.4	2.1	7.9	4.5	2.2	8.0	4.6	2.2	8.2	4.8	2.3	8.7	5.5	2.5	10.1	6.7	2.7		
			16	7.2	4.6	2.1	7.3	4.8	2.1	7.4	4.9	2.1	7.6	5.1	2.2	8.1	5.8	2.4	9.4	7.1	2.6		
			19	7.8	4.7	2.1	7.9	4.8	2.2	8.0	5.0	2.2	8.3	5.2	2.3	8.8	5.8	2.5	10.2	7.2	2.7		
		30	23	8.2	3.8	2.2	8.3	4.0	2.2	8.4	4.1	2.2	8.7	4.2	2.3	9.3	4.8	2.5	10.8	5.9	2.7		
			16	7.6	5.0	2.1	7.7	5.1	2.1	7.8	5.3	2.2	8.0	5.5	2.3	8.5	6.2	2.5	9.9	7.7	2.6		
			19	8.0	5.3	2.1	8.2	5.4	2.2	8.3	5.6	2.2	8.5	5.8	2.3	9.1	6.6	2.5	10.5	8.1	2.7		
		32	23	8.9	5.1	2.2	9.0	5.3	2.2	9.2	5.4	2.3	9.4	5.6	2.4	10.0	6.4	2.6	11.7	7.9	2.8		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				30			35			39			43			46			48				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	2000	18	9	7.2	4.3	2.3	7.5	4.7	2.6	7.3	4.7	2.9	6.0	3.9	2.4	5.6	3.7	2.3	5.2	3.5	2.3		
			12	7.5	2.8	2.4	7.7	3.1	2.8	7.6	3.0	3.0	6.2	2.5	2.5	5.8	2.4	2.4	5.4	2.3	2.4		
			15	9.0	2.9	2.6	9.3	3.2	3.0	9.1	3.1	3.3	7.5	2.6	2.7	7.0	2.5	2.6	6.5	2.4	2.6		
		21	12	9.0	6.6	2.7	9.3	7.1	3.2	9.1	7.1	3.5	7.4	5.9	2.9	7.0	5.6	2.7	6.5	5.4	2.8		
			15	9.2	5.4	2.8	9.5	5.8	3.3	9.3	5.8	3.6	7.6	4.8	2.9	7.1	4.6	2.8	6.6	4.4	2.8		
			19	10.7	4.3	3.0	11.0	4.6	3.5	10.8	4.6	3.8	8.8	3.8	3.2	8.3	3.6	3.0	7.7	3.5	3.1		
		24	16	9.6	6.8	2.8	9.9	7.3	3.3	9.7	7.3	3.6	7.9	6.0	2.9	7.4	5.8	2.8	6.9	5.5	2.8		
			19	10.9	6.6	3.0	11.3	7.1	3.5	11.0	7.0	3.9	9.0	5.9	3.2	8.5	5.6	3.0	7.9	5.3	3.1		
			23	10.7	3.1	3.1	11.0	3.4	3.7	10.8	3.3	4.0	8.8	2.8	3.3	8.3	2.6	3.1	7.7	2.5	3.2		
		27	16	10.0	8.4	3.0	10.4	9.2	3.5	10.1	9.1	3.8	8.3	7.5	3.1	7.8	7.2	3.0	7.2	6.9	3.0		
			19	11.2	8.4	3.0	11.5	9.1	3.6	11.3	9.0	3.9	9.2	7.5	3.2	8.6	7.2	3.0	8.1	6.8	3.1		
			23	11.8	5.7	3.1	12.2	6.2	3.7	11.9	6.1	4.0	9.8	5.1	3.3	9.1	4.9	3.1	8.5	4.6	3.2		
		29	19	11.4	9.0	3.1	11.7	9.7	3.6	11.5	9.6	3.9	9.4	8.0	3.3	8.8	7.7	3.1	8.2	7.3	3.1		
			16	10.6	9.4	3.0	10.9	10.2	3.5	10.7	10.1	3.8	8.7	8.4	3.2	8.2	8.1	3.0	7.6	7.7	3.1		
			19	11.5	9.6	3.1	11.8	10.4	3.6	11.6	10.3	3.9	9.5	8.6	3.3	8.9	8.2	3.1	8.3	7.8	3.1		
		30	23	12.1	7.8	3.1	12.4	8.5	3.7	12.2	8.4	4.0	9.9	7.0	3.3	9.3	6.7	3.1	8.7	6.4	3.2		
			16	11.1	10.2	3.0	11.5	11.1	3.6	11.2	10.9	3.9	9.2	9.1	3.2	8.6	8.7	3.0	8.0	8.3	3.1		
			19	11.8	10.7	3.1	12.2	11.7	3.7	11.9	11.5	4.0	9.8	9.6	3.3	9.1	9.2	3.1	8.5	8.7	3.2		
		32	23	12.2	9.7	3.1	12.6	10.6	3.7	12.3	10.5	4.0	10.0	8.7	3.3	9.4	8.3	3.1	8.8	7.9	3.2		
			9	7.1	4.0	2.2	7.3	4.3	2.6	7.2	4.2	2.9	5.8	3.5	2.4	5.5	3.4	2.2	5.1	3.2	2.3		
			12	7.3	2.6	2.3	7.6	2.8	2.7	7.4	2.8	3.0	6.1	2.3	2.5	5.7	2.2	2.3	5.3	2.1	2.4		
		Medium	1630	18	15	8.9	2.7	2.6	9.1	2.9	3.0	8.9	2.9	3.3	7.3	2.4	2.7	6.8	2.3	2.6	6.4	2.2	2.6
					12	8.8	6.0	2.7	9.1	6.5	3.2	8.9	6.4	3.4	7.3	5.4	2.8	6.8	5.1	2.7	6.4	4.9	2.7
					15	9.0	4.9	2.7	9.3	5.3	3.2	9.1	5.3	3.5	7.4	4.4	2.9	7.0	4.2	2.7	6.5	4.0	2.8
21	19			10.5	3.9	3.0	10.8	4.2	3.5	10.6	4.2	3.8	8.7	3.5	3.1	8.1	3.3	3.0	7.6	3.2	3.0		
	16			9.4	6.2	2.7	9.7	6.7	3.2	9.5	6.6	3.5	7.8	5.5	2.9	7.3	5.3	2.7	6.8	5.0	2.8		
	19			10.7	6.0	3.0	11.0	6.5	3.5	10.8	6.4	3.8	8.8	5.3	3.2	8.3	5.1	3.0	7.7	4.9	3.1		
24	23			10.5	2.8	3.1	10.8	3.1	3.6	10.6	3.0	4.0	8.7	2.5	3.3	8.1	2.4	3.1	7.6	2.3	3.2		
	16			9.8	7.7	2.9	10.1	8.3	3.4	9.9	8.3	3.7	8.1	6.9	3.1	7.6	6.6	2.9	7.1	6.3	3.0		
	19			10.9	7.6	3.0	11.3	8.3	3.5	11.0	8.2	3.9	9.0	6.8	3.2	8.5	6.5	3.0	7.9	6.2	3.1		
27	23			11.6	5.2	3.1	11.9	5.6	3.6	11.7	5.6	3.9	9.6	4.6	3.3	9.0	4.4	3.1	8.4	4.2	3.1		
	19			11.2	8.2	3.0	11.5	8.9	3.6	11.3	8.8	3.9	9.2	7.3	3.2	8.6	7.0	3.0	8.0	6.6	3.1		
	16			10.4	8.6	3.0	10.7	9.3	3.5	10.5	9.2	3.8	8.5	7.7	3.1	8.0	7.3	3.0	7.5	7.0	3.0		
30	19			11.3	8.7	3.0	11.6	9.5	3.6	11.4	9.4	3.9	9.3	7.8	3.2	8.7	7.5	3.0	8.1	7.1	3.1		
	23			11.8	7.1	3.1	12.2	7.8	3.7	11.9	7.7	4.0	9.8	6.4	3.3	9.1	6.1	3.1	8.5	5.8	3.2		
	16			10.9	9.3	3.0	11.2	10.1	3.5	11.0	10.0	3.9	9.0	8.3	3.2	8.4	7.9	3.0	7.9	7.6	3.1		
32	19			11.6	9.8	3.1	11.9	10.6	3.6	11.7	10.5	3.9	9.6	8.8	3.3	9.0	8.4	3.1	8.4	8.0	3.1		
	23			12.2	9.1	3.1	12.6	9.8	3.7	12.3	9.7	4.0	10.0	8.1	3.3	9.4	7.7	3.1	8.8	7.4	3.2		
	9			6.7	3.6	2.2	6.9	3.9	2.6	6.8	3.9	2.8	5.5	3.2	2.3	5.2	3.1	2.2	4.9	2.9	2.3		
Low	1520			18	12	7.0	2.3	2.3	7.2	2.5	2.7	7.0	2.5	3.0	5.8	2.1	2.4	5.4	2.0	2.3	5.0	1.9	2.4
					15	8.4	2.4	2.5	8.7	2.6	3.0	8.5	2.6	3.3	6.9	2.2	2.7	6.5	2.1	2.5	6.1	2.0	2.6
					12	8.4	5.4	2.7	8.6	5.9	3.1	8.5	5.9	3.4	6.9	4.9	2.8	6.5	4.7	2.7	6.0	4.4	2.7
				21	15	8.6	4.5	2.7	8.8	4.8	3.2	8.7	4.8	3.5	7.1	4.0	2.9	6.6	3.8	2.7	6.2	3.6	2.8
					19	10.0	3.5	2.9	10.3	3.8	3.4	10.1	3.8	3.7	8.2	3.2	3.1	7.7	3.0	2.9	7.2	2.9	3.0
					16	8.9	5.6	2.7	9.2	6.1	3.2	9.0	6.0	3.5	7.4	5.0	2.9	6.9	4.8	2.7	6.5	4.5	2.8
		24	19	10.2	5.4	3.0	10.5	5.9	3.5	10.3	5.8	3.8	8.4	4.9	3.1	7.9	4.6	3.0	7.3	4.4	3.0		
			23	10.0	2.6	3.1	10.3	2.8	3.6	10.1	2.7	3.9	8.2	2.3	3.3	7.7	2.2	3.1	7.2	2.1	3.1		
			16	9.3	7.0	2.9	9.6	7.6	3.4	9.4	7.5	3.7	7.7	6.2	3.1	7.2	6.0	2.9	6.7	5.7	3.0		
		27	19	10.4	6.9	3.0	10.7	7.5	3.5	10.5	7.4	3.8	8.6	6.2	3.2	8.0	5.9	3.0	7.5	5.6	3.1		
			23	11.0	4.7	3.0	11.3	5.1	3.6	11.1	5.0	3.9	9.1	4.2	3.2	8.5	4.0	3.0	7.9	3.8	3.1		
			19	10.6	7.4	3.0	10.9	8.1	3.5	10.7	8.0	3.9	8.7	6.6	3.2	8.2	6.3	3.0	7.6	6.0	3.1		
		29	16	9.8	7.8	2.9	10.1	8.5	3.4	9.9	8.4	3.7	8.1	7.0	3.1	7.6	6.7	2.9	7.1	6.3	3.0		
			19	10.7	7.9	3.0	11.0	8.6	3.5	10.8	8.5	3.9	8.8	7.1	3.2	8.3	6.8	3.0	7.7	6.4	3.1		
			23	11.2	6.5	3.1	11.6	7.0	3.6	11.3	7.0	3.9	9.3	5.8	3.3	8.7	5.5	3.1	8.1	5.3	3.1		
		30	16	10.3	8.4	3.0	10.7	9.2	3.5	10.4	9.1	3.8	8.5	7.5	3.2	8.0	7.2	3.0	7.5	6.9	3.1		
			19	11.0	8.9	3.0	11.3	9.6	3.6	11.1	9.5	3.9	9.1	7.9	3.2	8.5	7.6	3.0	7.9	7.2	3.1		
			23	12.2	8.7	3.1	12.6	9.4	3.7	12.3	9.3	4.0	10.0	7.7	3.3	9.4	7.4	3.1	8.8	7.0	3.2		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD48NK3C1O Indoor Unit:GTH48K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)															
				-15			-10			-7			-5			0			
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	2300	18	9	4.9	2.2	1.5	5.0	2.3	1.5	5.1	2.4	1.5	5.1	2.4	1.5	5.2	2.5	1.6	
			12	5.1	1.5	1.5	5.2	1.5	1.6	5.3	1.5	1.6	5.3	1.6	1.6	5.4	1.6	1.6	
			15	6.1	1.5	1.7	6.2	1.5	1.7	6.3	1.6	1.7	6.4	1.6	1.8	6.5	1.7	1.8	
		21	12	6.1	3.4	1.8	6.2	3.5	1.8	6.3	3.6	1.8	6.4	3.7	1.9	6.5	3.8	1.9	
			15	6.3	2.8	1.8	6.4	2.9	1.8	6.5	2.9	1.9	6.6	3.0	1.9	6.6	3.1	1.9	
			19	7.3	2.2	1.9	7.4	2.3	2.0	7.5	2.3	2.0	7.6	2.4	2.0	7.7	2.5	2.1	
		24	16	6.5	3.5	1.8	6.6	3.6	1.8	6.7	3.7	1.9	6.8	3.8	1.9	6.9	3.9	1.9	
			19	7.4	3.4	1.9	7.6	3.5	2.0	7.7	3.6	2.0	7.8	3.7	2.1	7.9	3.8	2.1	
			23	7.3	1.6	2.0	7.4	1.6	2.1	7.5	1.7	2.1	7.6	1.7	2.1	7.7	1.8	2.2	
		27	16	6.8	4.4	1.9	6.9	4.5	1.9	7.0	4.6	2.0	7.1	4.7	2.0	7.2	4.9	2.0	
			19	7.6	4.3	2.0	7.7	4.4	2.0	7.8	4.6	2.0	7.9	4.7	2.1	8.1	4.8	2.1	
			23	8.0	2.9	2.0	8.2	3.0	2.0	8.3	3.1	2.1	8.4	3.2	2.1	8.5	3.3	2.2	
	29	19	7.7	4.6	2.0	7.9	4.8	2.0	8.0	4.9	2.1	8.1	5.0	2.1	8.2	5.2	2.1		
		30	16	7.2	4.9	1.9	7.3	5.0	2.0	7.4	5.1	2.0	7.5	5.3	2.0	7.6	5.4	2.1	
			19	7.8	4.9	2.0	7.9	5.1	2.0	8.1	5.2	2.1	8.2	5.4	2.1	8.3	5.5	2.1	
	23		8.2	4.0	2.0	8.3	4.2	2.1	8.5	4.3	2.1	8.6	4.4	2.1	8.7	4.5	2.2		
	32	16	7.6	5.3	2.0	7.7	5.4	2.0	7.8	5.6	2.0	7.9	5.7	2.1	8.0	5.9	2.1		
		19	8.0	5.5	2.0	8.2	5.7	2.0	8.3	5.9	2.1	8.4	6.0	2.1	8.5	6.2	2.2		
		23	8.3	5.0	2.0	8.4	5.2	2.1	8.5	5.3	2.1	8.7	5.5	2.1	8.8	5.6	2.2		
	Medium	2100	18	9	4.8	2.0	1.4	4.9	2.1	1.5	5.0	2.2	1.5	5.0	2.2	1.5	5.1	2.3	1.5
				12	5.0	1.3	1.5	5.1	1.4	1.5	5.2	1.4	1.6	5.2	1.4	1.6	5.3	1.5	1.6
				15	6.0	1.4	1.7	6.1	1.4	1.7	6.2	1.5	1.7	6.3	1.5	1.7	6.4	1.5	1.8
			21	12	6.0	3.1	1.7	6.1	3.2	1.8	6.2	3.3	1.8	6.3	3.4	1.8	6.4	3.5	1.9
				15	6.1	2.5	1.8	6.2	2.6	1.8	6.3	2.7	1.8	6.4	2.8	1.9	6.5	2.8	1.9
19				7.1	2.0	1.9	7.2	2.1	1.9	7.4	2.1	2.0	7.5	2.2	2.0	7.6	2.2	2.0	
24			16	6.4	3.2	1.8	6.5	3.3	1.8	6.6	3.4	1.8	6.7	3.5	1.9	6.8	3.6	1.9	
			19	7.3	3.1	1.9	7.4	3.2	2.0	7.5	3.3	2.0	7.6	3.4	2.0	7.7	3.5	2.1	
			23	7.1	1.5	2.0	7.3	1.5	2.0	7.4	1.5	2.1	7.5	1.6	2.1	7.6	1.6	2.2	
27			16	6.7	4.0	1.9	6.8	4.1	1.9	6.9	4.2	2.0	7.0	4.3	2.0	7.1	4.4	2.0	
			19	7.4	3.9	1.9	7.6	4.0	2.0	7.7	4.2	2.0	7.8	4.3	2.1	7.9	4.4	2.1	
			23	7.9	2.7	2.0	8.0	2.7	2.0	8.1	2.8	2.1	8.2	2.9	2.1	8.4	3.0	2.1	
29		19	7.6	4.2	2.0	7.7	4.3	2.0	7.8	4.5	2.0	7.9	4.6	2.1	8.0	4.7	2.1		
		30	16	7.0	4.4	1.9	7.2	4.6	1.9	7.3	4.7	2.0	7.4	4.8	2.0	7.5	5.0	2.0	
			19	7.7	4.5	2.0	7.8	4.6	2.0	7.9	4.8	2.0	8.0	4.9	2.1	8.1	5.0	2.1	
23			8.0	3.7	2.0	8.2	3.8	2.0	8.3	3.9	2.1	8.4	4.0	2.1	8.5	4.1	2.2		
32		16	7.4	4.8	1.9	7.5	4.9	2.0	7.6	5.1	2.0	7.7	5.2	2.1	7.9	5.4	2.1		
		19	7.9	5.0	2.0	8.0	5.2	2.0	8.1	5.3	2.1	8.2	5.5	2.1	8.4	5.6	2.1		
		23	8.3	4.7	2.0	8.4	4.8	2.1	8.5	4.9	2.1	8.7	5.1	2.1	8.8	5.2	2.2		
Low		1900	18	9	4.6	1.9	1.4	4.6	1.9	1.5	4.7	2.0	1.5	4.8	2.0	1.5	4.9	2.1	1.5
				12	4.7	1.2	1.5	4.8	1.2	1.5	4.9	1.3	1.5	5.0	1.3	1.6	5.0	1.4	1.6
				15	5.7	1.2	1.6	5.8	1.3	1.7	5.9	1.3	1.7	6.0	1.4	1.7	6.1	1.4	1.8
			21	12	5.7	2.8	1.7	5.8	2.9	1.8	5.9	3.0	1.8	6.0	3.1	1.8	6.0	3.1	1.8
				15	5.8	2.3	1.8	5.9	2.4	1.8	6.0	2.4	1.8	6.1	2.5	1.9	6.2	2.6	1.9
	19			6.8	1.8	1.9	6.9	1.9	1.9	7.0	1.9	2.0	7.1	2.0	2.0	7.2	2.0	2.0	
	24		16	6.1	2.9	1.8	6.2	3.0	1.8	6.3	3.1	1.8	6.4	3.1	1.9	6.5	3.2	1.9	
			19	6.9	2.8	1.9	7.0	2.9	1.9	7.1	3.0	2.0	7.2	3.1	2.0	7.3	3.1	2.0	
			23	6.8	1.3	2.0	6.9	1.4	2.0	7.0	1.4	2.1	7.1	1.4	2.1	7.2	1.5	2.1	
	27		16	6.4	3.6	1.9	6.4	3.7	1.9	6.5	3.8	1.9	6.6	3.9	2.0	6.7	4.0	2.0	
			19	7.1	3.6	1.9	7.2	3.7	2.0	7.3	3.8	2.0	7.4	3.9	2.0	7.5	4.0	2.1	
			23	7.5	2.4	2.0	7.6	2.5	2.0	7.7	2.6	2.0	7.8	2.6	2.1	7.9	2.7	2.1	
	29	19	7.2	3.8	1.9	7.3	3.9	2.0	7.4	4.1	2.0	7.5	4.2	2.1	7.6	4.3	2.1		
		30	16	6.7	4.0	1.9	6.8	4.1	1.9	6.9	4.3	2.0	7.0	4.4	2.0	7.1	4.5	2.0	
			19	7.3	4.1	1.9	7.4	4.2	2.0	7.5	4.3	2.0	7.6	4.4	2.1	7.7	4.6	2.1	
	23		7.6	3.3	2.0	7.7	3.4	2.0	7.9	3.5	2.1	8.0	3.6	2.1	8.1	3.7	2.1		
	32	16	7.0	4.4	1.9	7.1	4.5	2.0	7.2	4.6	2.0	7.4	4.7	2.0	7.5	4.9	2.1		
		19	7.5	4.6	2.0	7.6	4.7	2.0	7.7	4.9	2.0	7.8	5.0	2.1	7.9	5.1	2.1		
		23	8.3	4.5	2.0	8.4	4.6	2.1	8.5	4.7	2.1	8.7	4.9	2.1	8.8	5.0	2.2		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				5			10			15			18			21			25				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	2300	18	9	5.3	2.6	1.6	5.4	2.6	1.6	5.4	2.7	1.6	5.6	2.8	1.7	6.0	3.2	1.9	6.9	3.9	2.0		
			12	5.5	1.7	1.7	5.6	1.7	1.7	5.6	1.8	1.7	5.8	1.8	1.8	6.2	2.1	1.9	7.2	2.6	2.1		
			15	6.6	1.7	1.8	6.7	1.8	1.9	6.8	1.8	1.9	7.0	1.9	2.0	7.5	2.2	2.1	8.7	2.6	2.3		
		21	12	6.6	3.9	1.9	6.7	4.0	1.9	6.8	4.1	2.0	7.0	4.3	2.1	7.4	4.9	2.2	8.6	6.0	2.4		
			15	6.7	3.2	2.0	6.8	3.3	2.0	6.9	3.4	2.0	7.1	3.5	2.1	7.6	4.0	2.3	8.8	4.9	2.4		
			19	7.8	2.5	2.1	7.9	2.6	2.1	8.1	2.7	2.2	8.3	2.8	2.3	8.8	3.1	2.5	10.3	3.9	2.6		
		24	16	7.0	4.0	2.0	7.1	4.1	2.0	7.2	4.2	2.0	7.4	4.4	2.1	7.9	5.0	2.3	9.2	6.1	2.4		
			19	8.0	3.9	2.1	8.1	4.0	2.2	8.2	4.1	2.2	8.5	4.3	2.3	9.0	4.8	2.5	10.5	6.0	2.7		
			23	7.8	1.8	2.2	8.0	1.9	2.2	8.1	1.9	2.3	8.3	2.0	2.4	8.8	2.3	2.6	10.3	2.8	2.8		
		27	16	7.3	5.0	2.1	7.5	5.1	2.1	7.6	5.3	2.2	7.8	5.5	2.3	8.3	6.2	2.4	9.6	7.7	2.6		
			19	8.2	5.0	2.1	8.3	5.1	2.2	8.4	5.2	2.2	8.6	5.5	2.3	9.2	6.2	2.5	10.7	7.6	2.7		
			23	8.7	3.4	2.2	8.8	3.5	2.2	8.9	3.6	2.3	9.1	3.7	2.4	9.8	4.2	2.6	11.3	5.2	2.7		
		29	19	8.3	5.3	2.2	8.4	5.5	2.2	8.6	5.6	2.2	8.8	5.8	2.4	9.4	6.6	2.5	10.9	8.1	2.7		
			16	7.7	5.6	2.1	7.8	5.7	2.1	8.0	5.9	2.2	8.2	6.1	2.3	8.7	7.0	2.5	10.1	8.6	2.6		
			19	8.4	5.7	2.2	8.5	5.8	2.2	8.6	6.0	2.2	8.9	6.2	2.4	9.5	7.1	2.5	11.0	8.7	2.7		
		30	23	8.8	4.7	2.2	9.0	4.8	2.2	9.1	4.9	2.3	9.3	5.1	2.4	9.9	5.8	2.6	11.6	7.1	2.8		
			16	8.1	6.0	2.1	8.3	6.2	2.2	8.4	6.4	2.2	8.6	6.6	2.3	9.2	7.5	2.5	10.7	9.3	2.7		
			19	8.7	6.4	2.2	8.8	6.5	2.2	8.9	6.7	2.3	9.1	7.0	2.4	9.8	7.9	2.6	11.3	9.8	2.7		
		32	23	8.9	5.8	2.2	9.0	5.9	2.2	9.2	6.1	2.3	9.4	6.3	2.4	10.0	7.2	2.6	11.7	8.8	2.8		
			9	5.2	2.3	1.6	5.3	2.4	1.6	5.3	2.5	1.6	5.5	2.6	1.7	5.8	2.9	1.8	6.8	3.6	2.0		
			12	5.4	1.5	1.6	5.5	1.6	1.7	5.5	1.6	1.7	5.7	1.7	1.8	6.1	1.9	1.9	7.0	2.3	2.1		
		Medium	2100	18	15	6.5	1.6	1.8	6.6	1.6	1.8	6.7	1.7	1.9	6.8	1.7	2.0	7.3	2.0	2.1	8.5	2.4	2.3
					12	6.5	3.6	1.9	6.5	3.7	1.9	6.6	3.8	2.0	6.8	3.9	2.1	7.3	4.4	2.2	8.5	5.5	2.4
					15	6.6	2.9	1.9	6.7	3.0	2.0	6.8	3.1	2.0	7.0	3.2	2.1	7.4	3.6	2.3	8.7	4.5	2.4
21	19			7.7	2.3	2.1	7.8	2.4	2.1	7.9	2.4	2.2	8.1	2.5	2.3	8.7	2.9	2.4	10.1	3.5	2.6		
	16			6.9	3.7	1.9	7.0	3.8	2.0	7.1	3.9	2.0	7.3	4.0	2.1	7.8	4.5	2.3	9.0	5.6	2.4		
	19			7.8	3.5	2.1	8.0	3.6	2.1	8.1	3.7	2.2	8.3	3.9	2.3	8.8	4.4	2.5	10.3	5.4	2.6		
24	23			7.7	1.7	2.2	7.8	1.7	2.2	7.9	1.8	2.3	8.1	1.8	2.4	8.7	2.1	2.6	10.1	2.6	2.7		
	16			7.2	4.6	2.1	7.3	4.7	2.1	7.4	4.8	2.1	7.6	5.0	2.2	8.1	5.7	2.4	9.4	7.0	2.6		
	19			8.0	4.5	2.1	8.1	4.7	2.2	8.2	4.8	2.2	8.5	5.0	2.3	9.0	5.6	2.5	10.5	6.9	2.7		
27	23			8.5	3.1	2.2	8.6	3.2	2.2	8.7	3.2	2.2	9.0	3.4	2.3	9.6	3.8	2.5	11.1	4.7	2.7		
	19			8.2	4.8	2.1	8.3	5.0	2.2	8.4	5.1	2.2	8.6	5.3	2.3	9.2	6.0	2.5	10.7	7.4	2.7		
	16			7.6	5.1	2.1	7.7	5.2	2.1	7.8	5.4	2.2	8.0	5.6	2.3	8.5	6.3	2.4	9.9	7.8	2.6		
30	19			8.2	5.2	2.1	8.4	5.3	2.2	8.5	5.5	2.2	8.7	5.7	2.3	9.3	6.4	2.5	10.8	7.9	2.7		
	23			8.7	4.2	2.2	8.8	4.4	2.2	8.9	4.5	2.3	9.1	4.7	2.4	9.8	5.3	2.6	11.3	6.5	2.7		
	16			8.0	5.5	2.1	8.1	5.7	2.2	8.2	5.8	2.2	8.4	6.0	2.3	9.0	6.9	2.5	10.4	8.4	2.7		
32	19			8.5	5.8	2.2	8.6	6.0	2.2	8.7	6.1	2.2	9.0	6.4	2.3	9.6	7.2	2.5	11.1	8.9	2.7		
	23			8.9	5.4	2.2	9.0	5.5	2.2	9.2	5.7	2.3	9.4	5.9	2.4	10.0	6.7	2.6	11.7	8.2	2.8		
	9			4.9	2.1	1.6	5.0	2.2	1.6	5.1	2.2	1.6	5.2	2.3	1.7	5.5	2.7	1.8	6.4	3.3	1.9		
Low	1900			18	12	5.1	1.4	1.6	5.2	1.4	1.7	5.2	1.5	1.7	5.4	1.5	1.8	5.8	1.7	1.9	6.7	2.1	2.0
					15	6.2	1.4	1.8	6.2	1.5	1.8	6.3	1.5	1.8	6.5	1.6	1.9	6.9	1.8	2.1	8.1	2.2	2.2
					12	6.1	3.2	1.9	6.2	3.3	1.9	6.3	3.4	1.9	6.5	3.5	2.0	6.9	4.0	2.2	8.0	4.9	2.3
				21	15	6.3	2.6	1.9	6.4	2.7	2.0	6.4	2.8	2.0	6.6	2.9	2.1	7.1	3.3	2.2	8.2	4.0	2.4
					19	7.3	2.1	2.1	7.4	2.1	2.1	7.5	2.2	2.1	7.7	2.3	2.2	8.2	2.6	2.4	9.5	3.2	2.6
					16	6.5	3.3	1.9	6.6	3.4	1.9	6.7	3.5	2.0	6.9	3.6	2.1	7.4	4.1	2.2	8.6	5.1	2.4
		24	19	7.4	3.2	2.1	7.5	3.3	2.1	7.7	3.4	2.2	7.9	3.5	2.3	8.4	4.0	2.4	9.7	4.9	2.6		
			23	7.3	1.5	2.2	7.4	1.6	2.2	7.5	1.6	2.2	7.7	1.7	2.3	8.2	1.9	2.5	9.6	2.3	2.7		
			16	6.8	4.1	2.0	6.9	4.3	2.1	7.0	4.4	2.1	7.2	4.5	2.2	7.7	5.2	2.4	9.0	6.3	2.6		
		27	19	7.6	4.1	2.1	7.7	4.2	2.1	7.8	4.3	2.2	8.0	4.5	2.3	8.6	5.1	2.5	9.9	6.3	2.6		
			23	8.0	2.8	2.1	8.2	2.9	2.2	8.3	2.9	2.2	8.5	3.1	2.3	9.1	3.5	2.5	10.5	4.3	2.7		
			19	7.7	4.4	2.1	7.9	4.5	2.2	8.0	4.6	2.2	8.2	4.8	2.3	8.7	5.5	2.5	10.1	6.7	2.7		
		29	16	7.2	4.6	2.1	7.3	4.8	2.1	7.4	4.9	2.1	7.6	5.1	2.2	8.1	5.8	2.4	9.4	7.1	2.6		
			19	7.8	4.7	2.1	7.9	4.8	2.2	8.0	5.0	2.2	8.3	5.2	2.3	8.8	5.8	2.5	10.2	7.2	2.7		
			23	8.2	3.8	2.2	8.3	4.0	2.2	8.4	4.1	2.2	8.7	4.2	2.3	9.3	4.8	2.5	10.8	5.9	2.7		
		30	16	7.6	5.0	2.1	7.7	5.1	2.1	7.8	5.3	2.2	8.0	5.5	2.3	8.5	6.2	2.5	9.9	7.7	2.6		
			19	8.0	5.3	2.1	8.2	5.4	2.2	8.3	5.6	2.2	8.5	5.8	2.3	9.1	6.6	2.5	10.5	8.1	2.7		
			23	8.9	5.1	2.2	9.0	5.3	2.2	9.2	5.4	2.3	9.4	5.6	2.4	10.0	6.4	2.6	11.7	7.9	2.8		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				30			35			39			43			46			48				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	2300	18	9	7.2	4.3	2.3	7.5	4.7	2.6	7.3	4.7	2.9	6.0	3.9	2.4	5.6	3.7	2.3	5.2	3.5	2.3		
			12	7.5	2.8	2.4	7.7	3.1	2.8	7.6	3.0	3.0	6.2	2.5	2.5	5.8	2.4	2.4	5.4	2.3	2.4		
			15	9.0	2.9	2.6	9.3	3.2	3.0	9.1	3.1	3.3	7.5	2.6	2.7	7.0	2.5	2.6	6.5	2.4	2.6		
		21	12	9.0	6.6	2.7	9.3	7.1	3.2	9.1	7.1	3.5	7.4	5.9	2.9	7.0	5.6	2.7	6.5	5.4	2.8		
			15	9.2	5.4	2.8	9.5	5.8	3.3	9.3	5.8	3.6	7.6	4.8	2.9	7.1	4.6	2.8	6.6	4.4	2.8		
			19	10.7	4.3	3.0	11.0	4.6	3.5	10.8	4.6	3.8	8.8	3.8	3.2	8.3	3.6	3.0	7.7	3.5	3.1		
		24	16	9.6	6.8	2.8	9.9	7.3	3.3	9.7	7.3	3.6	7.9	6.0	2.9	7.4	5.8	2.8	6.9	5.5	2.8		
			19	10.9	6.6	3.0	11.3	7.1	3.5	11.0	7.0	3.9	9.0	5.9	3.2	8.5	5.6	3.0	7.9	5.3	3.1		
			23	10.7	3.1	3.1	11.0	3.4	3.7	10.8	3.3	4.0	8.8	2.8	3.3	8.3	2.6	3.1	7.7	2.5	3.2		
		27	16	10.0	8.4	3.0	10.4	9.2	3.5	10.1	9.1	3.8	8.3	7.5	3.1	7.8	7.2	3.0	7.2	6.9	3.0		
			19	11.2	8.4	3.0	11.5	9.1	3.6	11.3	9.0	3.9	9.2	7.5	3.2	8.6	7.2	3.0	8.1	6.8	3.1		
			23	11.8	5.7	3.1	12.2	6.2	3.7	11.9	6.1	4.0	9.8	5.1	3.3	9.1	4.9	3.1	8.5	4.6	3.2		
		29	19	11.4	9.0	3.1	11.7	9.7	3.6	11.5	9.6	3.9	9.4	8.0	3.3	8.8	7.7	3.1	8.2	7.3	3.1		
			16	10.6	9.4	3.0	10.9	10.2	3.5	10.7	10.1	3.8	8.7	8.4	3.2	8.2	8.1	3.0	7.6	7.7	3.1		
			19	11.5	9.6	3.1	11.8	10.4	3.6	11.6	10.3	3.9	9.5	8.6	3.3	8.9	8.2	3.1	8.3	7.8	3.1		
		30	23	12.1	7.8	3.1	12.4	8.5	3.7	12.2	8.4	4.0	9.9	7.0	3.3	9.3	6.7	3.1	8.7	6.4	3.2		
			16	11.1	10.2	3.0	11.5	11.1	3.6	11.2	10.9	3.9	9.2	9.1	3.2	8.6	8.7	3.0	8.0	8.3	3.1		
			19	11.8	10.7	3.1	12.2	11.7	3.7	11.9	11.5	4.0	9.8	9.6	3.3	9.1	9.2	3.1	8.5	8.7	3.2		
		32	23	12.2	9.7	3.1	12.6	10.6	3.7	12.3	10.5	4.0	10.0	8.7	3.3	9.4	8.3	3.1	8.8	7.9	3.2		
			9	7.1	4.0	2.2	7.3	4.3	2.6	7.2	4.2	2.9	5.8	3.5	2.4	5.5	3.4	2.2	5.1	3.2	2.3		
			12	7.3	2.6	2.3	7.6	2.8	2.7	7.4	2.8	3.0	6.1	2.3	2.5	5.7	2.2	2.3	5.3	2.1	2.4		
		Medium	2100	18	15	8.9	2.7	2.6	9.1	2.9	3.0	8.9	2.9	3.3	7.3	2.4	2.7	6.8	2.3	2.6	6.4	2.2	2.6
					12	8.8	6.0	2.7	9.1	6.5	3.2	8.9	6.4	3.4	7.3	5.4	2.8	6.8	5.1	2.7	6.4	4.9	2.7
					15	9.0	4.9	2.7	9.3	5.3	3.2	9.1	5.3	3.5	7.4	4.4	2.9	7.0	4.2	2.7	6.5	4.0	2.8
21	19			10.5	3.9	3.0	10.8	4.2	3.5	10.6	4.2	3.8	8.7	3.5	3.1	8.1	3.3	3.0	7.6	3.2	3.0		
	16			9.4	6.2	2.7	9.7	6.7	3.2	9.5	6.6	3.5	7.8	5.5	2.9	7.3	5.3	2.7	6.8	5.0	2.8		
	19			10.7	6.0	3.0	11.0	6.5	3.5	10.8	6.4	3.8	8.8	5.3	3.2	8.3	5.1	3.0	7.7	4.9	3.1		
24	23			10.5	2.8	3.1	10.8	3.1	3.6	10.6	3.0	4.0	8.7	2.5	3.3	8.1	2.4	3.1	7.6	2.3	3.2		
	16			9.8	7.7	2.9	10.1	8.3	3.4	9.9	8.3	3.7	8.1	6.9	3.1	7.6	6.6	2.9	7.1	6.3	3.0		
	19			10.9	7.6	3.0	11.3	8.3	3.5	11.0	8.2	3.9	9.0	6.8	3.2	8.5	6.5	3.0	7.9	6.2	3.1		
27	23			11.6	5.2	3.1	11.9	5.6	3.6	11.7	5.6	3.9	9.6	4.6	3.3	9.0	4.4	3.1	8.4	4.2	3.1		
	19			11.2	8.2	3.0	11.5	8.9	3.6	11.3	8.8	3.9	9.2	7.3	3.2	8.6	7.0	3.0	8.0	6.6	3.1		
	16			10.4	8.6	3.0	10.7	9.3	3.5	10.5	9.2	3.8	8.5	7.7	3.1	8.0	7.3	3.0	7.5	7.0	3.0		
30	19			11.3	8.7	3.0	11.6	9.5	3.6	11.4	9.4	3.9	9.3	7.8	3.2	8.7	7.5	3.0	8.1	7.1	3.1		
	23			11.8	7.1	3.1	12.2	7.8	3.7	11.9	7.7	4.0	9.8	6.4	3.3	9.1	6.1	3.1	8.5	5.8	3.2		
	16			10.9	9.3	3.0	11.2	10.1	3.5	11.0	10.0	3.9	9.0	8.3	3.2	8.4	7.9	3.0	7.9	7.6	3.1		
32	19			11.6	9.8	3.1	11.9	10.6	3.6	11.7	10.5	3.9	9.6	8.8	3.3	9.0	8.4	3.1	8.4	8.0	3.1		
	23			12.2	9.1	3.1	12.6	9.8	3.7	12.3	9.7	4.0	10.0	8.1	3.3	9.4	7.7	3.1	8.8	7.4	3.2		
	9			6.7	3.6	2.2	6.9	3.9	2.6	6.8	3.9	2.8	5.5	3.2	2.3	5.2	3.1	2.2	4.9	2.9	2.3		
Low	1900			18	12	7.0	2.3	2.3	7.2	2.5	2.7	7.0	2.5	3.0	5.8	2.1	2.4	5.4	2.0	2.3	5.0	1.9	2.4
					15	8.4	2.4	2.5	8.7	2.6	3.0	8.5	2.6	3.3	6.9	2.2	2.7	6.5	2.1	2.5	6.1	2.0	2.6
					12	8.4	5.4	2.7	8.6	5.9	3.1	8.5	5.9	3.4	6.9	4.9	2.8	6.5	4.7	2.7	6.0	4.4	2.7
				21	15	8.6	4.5	2.7	8.8	4.8	3.2	8.7	4.8	3.5	7.1	4.0	2.9	6.6	3.8	2.7	6.2	3.6	2.8
					19	10.0	3.5	2.9	10.3	3.8	3.4	10.1	3.8	3.7	8.2	3.2	3.1	7.7	3.0	2.9	7.2	2.9	3.0
					16	8.9	5.6	2.7	9.2	6.1	3.2	9.0	6.0	3.5	7.4	5.0	2.9	6.9	4.8	2.7	6.5	4.5	2.8
		24	19	10.2	5.4	3.0	10.5	5.9	3.5	10.3	5.8	3.8	8.4	4.9	3.1	7.9	4.6	3.0	7.3	4.4	3.0		
			23	10.0	2.6	3.1	10.3	2.8	3.6	10.1	2.7	3.9	8.2	2.3	3.3	7.7	2.2	3.1	7.2	2.1	3.1		
			16	9.3	7.0	2.9	9.6	7.6	3.4	9.4	7.5	3.7	7.7	6.2	3.1	7.2	6.0	2.9	6.7	5.7	3.0		
		27	19	10.4	6.9	3.0	10.7	7.5	3.5	10.5	7.4	3.8	8.6	6.2	3.2	8.0	5.9	3.0	7.5	5.6	3.1		
			23	11.0	4.7	3.0	11.3	5.1	3.6	11.1	5.0	3.9	9.1	4.2	3.2	8.5	4.0	3.0	7.9	3.8	3.1		
			19	10.6	7.4	3.0	10.9	8.1	3.5	10.7	8.0	3.9	8.7	6.6	3.2	8.2	6.3	3.0	7.6	6.0	3.1		
		29	16	9.8	7.8	2.9	10.1	8.5	3.4	9.9	8.4	3.7	8.1	7.0	3.1	7.6	6.7	2.9	7.1	6.3	3.0		
			19	10.7	7.9	3.0	11.0	8.6	3.5	10.8	8.5	3.9	8.8	7.1	3.2	8.3	6.8	3.0	7.7	6.4	3.1		
			23	11.2	6.5	3.1	11.6	7.0	3.6	11.3	7.0	3.9	9.3	5.8	3.3	8.7	5.5	3.1	8.1	5.3	3.1		
		30	16	10.3	8.4	3.0	10.7	9.2	3.5	10.4	9.1	3.8	8.5	7.5	3.2	8.0	7.2	3.0	7.5	6.9	3.1		
			19	11.0	8.9	3.0	11.3	9.6	3.6	11.1	9.5	3.9	9.1	7.9	3.2	8.5	7.6	3.0	7.9	7.2	3.1		
			23	12.2	8.7	3.1	12.6	9.4	3.7	12.3	9.3	4.0	10.0	7.7	3.3	9.4	7.4	3.1	8.8	7.0	3.2		

Outdoor Unit:GUHD48NM3C1O Indoor Unit:GTH48K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																
				-15			-10			-7			-5			0				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	2300	18	9	4.8	2.2	1.4	4.9	2.3	1.5	5.0	2.3	1.5	5.1	2.4	1.5	5.1	2.5	1.5		
			12	5.0	1.4	1.5	5.1	1.5	1.5	5.2	1.5	1.6	5.2	1.6	1.6	5.3	1.6	1.6		
			15	6.0	1.5	1.6	6.1	1.5	1.7	6.2	1.6	1.7	6.3	1.6	1.7	6.4	1.7	1.8		
		21	12	6.0	3.3	1.7	6.1	3.4	1.8	6.2	3.5	1.8	6.3	3.6	1.8	6.4	3.7	1.9		
			15	6.2	2.7	1.8	6.3	2.8	1.8	6.3	2.9	1.8	6.4	3.0	1.9	6.5	3.1	1.9		
			19	7.2	2.2	1.9	7.3	2.2	1.9	7.4	2.3	2.0	7.5	2.4	2.0	7.6	2.4	2.0		
		24	16	6.4	3.4	1.8	6.5	3.5	1.8	6.6	3.6	1.8	6.7	3.7	1.9	6.8	3.8	1.9		
			19	7.3	3.3	1.9	7.4	3.4	2.0	7.5	3.5	2.0	7.6	3.6	2.0	7.8	3.7	2.1		
			23	7.2	1.6	2.0	7.3	1.6	2.0	7.4	1.7	2.1	7.5	1.7	2.1	7.6	1.8	2.1		
		27	16	6.7	4.3	1.9	6.8	4.4	1.9	6.9	4.5	1.9	7.0	4.7	2.0	7.1	4.8	2.0		
			19	7.5	4.2	1.9	7.6	4.4	2.0	7.7	4.5	2.0	7.8	4.6	2.0	7.9	4.7	2.1		
			23	7.9	2.9	2.0	8.0	3.0	2.0	8.1	3.0	2.0	8.3	3.1	2.1	8.4	3.2	2.1		
		29	19	7.6	4.5	2.0	7.7	4.7	2.0	7.8	4.8	2.0	8.0	4.9	2.1	8.1	5.1	2.1		
			16	7.1	4.8	1.9	7.2	4.9	1.9	7.3	5.1	2.0	7.4	5.2	2.0	7.5	5.3	2.0		
			19	7.7	4.9	2.0	7.8	5.0	2.0	7.9	5.1	2.0	8.0	5.3	2.1	8.1	5.4	2.1		
		30	23	8.1	4.0	2.0	8.2	4.1	2.0	8.3	4.2	2.1	8.4	4.3	2.1	8.6	4.4	2.1		
			16	7.4	5.2	1.9	7.5	5.3	2.0	7.7	5.5	2.0	7.8	5.6	2.0	7.9	5.8	2.1		
			19	7.9	5.4	2.0	8.0	5.6	2.0	8.1	5.8	2.0	8.3	5.9	2.1	8.4	6.1	2.1		
		32	23	8.1	4.9	2.0	8.3	5.1	2.0	8.4	5.2	2.1	8.5	5.4	2.1	8.6	5.5	2.1		
			16	7.4	5.2	1.9	7.5	5.3	2.0	7.7	5.5	2.0	7.8	5.6	2.0	7.9	5.8	2.1		
			19	7.9	5.4	2.0	8.0	5.6	2.0	8.1	5.8	2.0	8.3	5.9	2.1	8.4	6.1	2.1		
		Medium	2100	18	9	4.7	2.0	1.4	4.8	2.1	1.4	4.9	2.1	1.5	5.0	2.2	1.5	5.0	2.2	1.5
					12	4.9	1.3	1.5	5.0	1.3	1.5	5.1	1.4	1.5	5.1	1.4	1.6	5.2	1.5	1.6
					15	5.9	1.3	1.6	6.0	1.4	1.7	6.1	1.4	1.7	6.2	1.5	1.7	6.3	1.5	1.7
21	12			5.9	3.0	1.7	6.0	3.1	1.7	6.1	3.2	1.8	6.2	3.3	1.8	6.3	3.4	1.8		
	15			6.0	2.5	1.7	6.1	2.6	1.8	6.2	2.6	1.8	6.3	2.7	1.8	6.4	2.8	1.9		
	19			7.0	2.0	1.9	7.1	2.0	1.9	7.2	2.1	1.9	7.3	2.1	2.0	7.4	2.2	2.0		
24	16			6.3	3.1	1.7	6.4	3.2	1.8	6.5	3.3	1.8	6.6	3.4	1.8	6.7	3.5	1.9		
	19			7.2	3.0	1.9	7.3	3.1	1.9	7.4	3.2	2.0	7.5	3.3	2.0	7.6	3.4	2.0		
	23			7.0	1.4	2.0	7.1	1.5	2.0	7.2	1.5	2.0	7.3	1.6	2.1	7.4	1.6	2.1		
27	16			6.6	3.9	1.9	6.7	4.0	1.9	6.8	4.1	1.9	6.9	4.2	2.0	7.0	4.4	2.0		
	19			7.3	3.9	1.9	7.4	4.0	2.0	7.5	4.1	2.0	7.6	4.2	2.0	7.8	4.3	2.1		
	23			7.7	2.6	2.0	7.9	2.7	2.0	8.0	2.8	2.0	8.1	2.9	2.1	8.2	2.9	2.1		
29	19			7.5	4.1	1.9	7.6	4.3	2.0	7.7	4.4	2.0	7.8	4.5	2.0	7.9	4.6	2.1		
	16			6.9	4.4	1.9	7.0	4.5	1.9	7.1	4.6	1.9	7.2	4.7	2.0	7.3	4.9	2.0		
	19			7.5	4.4	1.9	7.6	4.5	2.0	7.8	4.7	2.0	7.9	4.8	2.0	8.0	4.9	2.1		
30	23			7.9	3.6	2.0	8.0	3.7	2.0	8.1	3.8	2.0	8.3	3.9	2.1	8.4	4.1	2.1		
	16			7.3	4.7	1.9	7.4	4.8	2.0	7.5	5.0	2.0	7.6	5.1	2.0	7.7	5.3	2.1		
	19			7.7	5.0	2.0	7.9	5.1	2.0	8.0	5.3	2.0	8.1	5.4	2.1	8.2	5.6	2.1		
32	23			8.1	4.6	2.0	8.3	4.7	2.0	8.4	4.9	2.1	8.5	5.0	2.1	8.6	5.1	2.1		
	16			7.3	4.7	1.9	7.4	4.8	2.0	7.5	5.0	2.0	7.6	5.1	2.0	7.7	5.3	2.1		
	19			7.7	5.0	2.0	7.9	5.1	2.0	8.0	5.3	2.0	8.1	5.4	2.1	8.2	5.6	2.1		
Low	1900			18	9	4.5	1.8	1.4	4.6	1.9	1.4	4.6	1.9	1.5	4.7	2.0	1.5	4.8	2.0	1.5
					12	4.7	1.2	1.5	4.7	1.2	1.5	4.8	1.3	1.5	4.9	1.3	1.5	4.9	1.3	1.6
					15	5.6	1.2	1.6	5.7	1.3	1.6	5.8	1.3	1.7	5.9	1.3	1.7	6.0	1.4	1.7
		21	12	5.6	2.8	1.7	5.7	2.8	1.7	5.8	2.9	1.8	5.8	3.0	1.8	5.9	3.1	1.8		
			15	5.7	2.3	1.7	5.8	2.3	1.8	5.9	2.4	1.8	6.0	2.5	1.8	6.1	2.5	1.9		
			19	6.7	1.8	1.9	6.8	1.8	1.9	6.9	1.9	1.9	7.0	1.9	2.0	7.1	2.0	2.0		
		24	16	6.0	2.8	1.7	6.1	2.9	1.8	6.2	3.0	1.8	6.3	3.1	1.8	6.3	3.2	1.9		
			19	6.8	2.8	1.9	6.9	2.8	1.9	7.0	2.9	1.9	7.1	3.0	2.0	7.2	3.1	2.0		
			23	6.7	1.3	2.0	6.8	1.3	2.0	6.9	1.4	2.0	7.0	1.4	2.1	7.1	1.4	2.1		
		27	16	6.2	3.5	1.8	6.3	3.6	1.9	6.4	3.7	1.9	6.5	3.9	1.9	6.6	4.0	2.0		
			19	6.9	3.5	1.9	7.0	3.6	1.9	7.1	3.7	2.0	7.3	3.8	2.0	7.4	3.9	2.0		
			23	7.4	2.4	1.9	7.5	2.5	2.0	7.6	2.5	2.0	7.7	2.6	2.0	7.8	2.7	2.1		
		29	19	7.1	3.8	1.9	7.2	3.9	2.0	7.3	4.0	2.0	7.4	4.1	2.0	7.5	4.2	2.1		
			16	6.6	4.0	1.9	6.7	4.1	1.9	6.8	4.2	1.9	6.9	4.3	2.0	7.0	4.4	2.0		
			19	7.1	4.0	1.9	7.3	4.1	2.0	7.4	4.3	2.0	7.5	4.4	2.0	7.6	4.5	2.1		
		30	23	7.5	3.3	2.0	7.6	3.4	2.0	7.7	3.5	2.0	7.8	3.6	2.1	8.0	3.7	2.1		
			16	6.9	4.3	1.9	7.0	4.4	1.9	7.1	4.5	2.0	7.2	4.7	2.0	7.3	4.8	2.0		
			19	7.4	4.5	1.9	7.5	4.6	2.0	7.6	4.8	2.0	7.7	4.9	2.0	7.8	5.0	2.1		
		32	23	8.1	4.4	2.0	8.3	4.5	2.0	8.4	4.6	2.1	8.5	4.8	2.1	8.6	4.9	2.1		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																	
				5			10			15			18			21			25		
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
High	2300	18	9	5.2	2.5	1.6	5.3	2.6	1.6	5.3	2.7	1.6	5.5	2.8	1.7	5.9	3.1	1.8	6.8	3.9	2.0
			12	5.4	1.7	1.6	5.5	1.7	1.7	5.5	1.7	1.7	5.7	1.8	1.8	6.1	2.1	1.9	7.1	2.5	2.0
			15	6.5	1.7	1.8	6.6	1.7	1.8	6.7	1.8	1.9	6.9	1.9	1.9	7.3	2.1	2.1	8.5	2.6	2.2
		21	12	6.5	3.8	1.9	6.6	3.9	1.9	6.7	4.0	1.9	6.8	4.2	2.0	7.3	4.8	2.2	8.5	5.9	2.4
			15	6.6	3.1	1.9	6.7	3.2	2.0	6.8	3.3	2.0	7.0	3.4	2.1	7.5	3.9	2.2	8.7	4.8	2.4
			19	7.7	2.5	2.1	7.8	2.6	2.1	7.9	2.6	2.1	8.1	2.7	2.2	8.7	3.1	2.4	10.1	3.8	2.6
		24	16	6.9	3.9	1.9	7.0	4.0	2.0	7.1	4.2	2.0	7.3	4.3	2.1	7.8	4.9	2.2	9.1	6.0	2.4
			19	7.9	3.8	2.1	8.0	3.9	2.1	8.1	4.0	2.2	8.3	4.2	2.3	8.9	4.8	2.4	10.3	5.9	2.6
			23	7.7	1.8	2.2	7.8	1.8	2.2	7.9	1.9	2.2	8.1	2.0	2.4	8.7	2.2	2.5	10.1	2.8	2.7
		27	16	7.2	4.9	2.0	7.3	5.1	2.1	7.4	5.2	2.1	7.6	5.4	2.2	8.1	6.1	2.4	9.5	7.5	2.6
			19	8.0	4.9	2.1	8.1	5.0	2.1	8.2	5.1	2.2	8.5	5.4	2.3	9.0	6.1	2.5	10.5	7.5	2.6
			23	8.5	3.3	2.2	8.6	3.4	2.2	8.7	3.5	2.2	9.0	3.6	2.3	9.6	4.1	2.5	11.1	5.1	2.7
		29	19	8.2	5.2	2.1	8.3	5.4	2.2	8.4	5.5	2.2	8.6	5.7	2.3	9.2	6.5	2.5	10.7	8.0	2.7
			16	7.6	5.5	2.1	7.7	5.6	2.1	7.8	5.8	2.1	8.0	6.0	2.2	8.6	6.8	2.4	10.0	8.4	2.6
			19	8.3	5.6	2.1	8.4	5.7	2.2	8.5	5.9	2.2	8.7	6.1	2.3	9.3	6.9	2.5	10.8	8.5	2.7
		30	23	8.7	4.6	2.2	8.8	4.7	2.2	8.9	4.8	2.2	9.2	5.0	2.4	9.8	5.7	2.5	11.4	7.0	2.7
			16	8.0	5.9	2.1	8.1	6.1	2.1	8.2	6.3	2.2	8.4	6.5	2.3	9.0	7.4	2.5	10.5	9.1	2.6
			19	8.5	6.3	2.2	8.6	6.4	2.2	8.7	6.6	2.2	9.0	6.9	2.3	9.6	7.8	2.5	11.1	9.6	2.7
32	23	8.8	5.7	2.2	8.9	5.8	2.2	9.0	6.0	2.2	9.3	6.2	2.4	9.9	7.1	2.5	11.5	8.7	2.7		
	9	5.1	2.3	1.5	5.2	2.4	1.6	5.2	2.4	1.6	5.4	2.5	1.7	5.7	2.9	1.8	6.7	3.5	1.9		
	12	5.3	1.5	1.6	5.4	1.5	1.6	5.4	1.6	1.7	5.6	1.7	1.8	6.0	1.9	1.9	6.9	2.3	2.0		
Medium	2100	18	15	6.4	1.5	1.8	6.5	1.6	1.8	6.5	1.6	1.8	6.7	1.7	1.9	7.2	1.9	2.1	8.3	2.4	2.2
			12	6.3	3.5	1.9	6.4	3.6	1.9	6.5	3.7	1.9	6.7	3.8	2.0	7.1	4.4	2.2	8.3	5.4	2.3
			15	6.5	2.9	1.9	6.6	2.9	1.9	6.7	3.0	2.0	6.9	3.1	2.1	7.3	3.6	2.2	8.5	4.4	2.4
		21	19	7.5	2.3	2.0	7.7	2.3	2.1	7.8	2.4	2.1	8.0	2.5	2.2	8.5	2.8	2.4	9.9	3.5	2.6
			16	6.8	3.6	1.9	6.9	3.7	1.9	7.0	3.8	2.0	7.2	3.9	2.1	7.6	4.5	2.2	8.9	5.5	2.4
			19	7.7	3.5	2.1	7.8	3.6	2.1	7.9	3.7	2.1	8.1	3.8	2.2	8.7	4.3	2.4	10.1	5.3	2.6
		24	23	7.6	1.6	2.2	7.7	1.7	2.2	7.8	1.7	2.2	8.0	1.8	2.3	8.5	2.0	2.5	9.9	2.5	2.7
			16	7.1	4.5	2.0	7.2	4.6	2.1	7.3	4.7	2.1	7.5	4.9	2.2	8.0	5.6	2.4	9.3	6.9	2.5
			19	7.9	4.4	2.1	8.0	4.6	2.1	8.1	4.7	2.2	8.3	4.9	2.3	8.9	5.5	2.4	10.3	6.8	2.6
		27	23	8.3	3.0	2.1	8.5	3.1	2.2	8.6	3.2	2.2	8.8	3.3	2.3	9.4	3.8	2.5	10.9	4.6	2.7
			19	8.0	4.8	2.1	8.1	4.9	2.1	8.2	5.0	2.2	8.5	5.2	2.3	9.0	5.9	2.5	10.5	7.3	2.6
			16	7.5	5.0	2.0	7.6	5.1	2.1	7.7	5.3	2.1	7.9	5.5	2.2	8.4	6.2	2.4	9.8	7.7	2.6
		30	19	8.1	5.1	2.1	8.2	5.2	2.1	8.3	5.4	2.2	8.6	5.6	2.3	9.1	6.3	2.5	10.6	7.8	2.6
			23	8.5	4.2	2.2	8.6	4.3	2.2	8.7	4.4	2.2	9.0	4.6	2.3	9.6	5.2	2.5	11.1	6.4	2.7
			16	7.8	5.4	2.1	7.9	5.6	2.1	8.1	5.7	2.2	8.3	5.9	2.3	8.8	6.7	2.4	10.3	8.3	2.6
		32	19	8.3	5.7	2.1	8.5	5.9	2.2	8.6	6.0	2.2	8.8	6.3	2.3	9.4	7.1	2.5	10.9	8.7	2.7
			23	8.8	5.3	2.2	8.9	5.4	2.2	9.0	5.6	2.2	9.3	5.8	2.4	9.9	6.6	2.5	11.5	8.1	2.7
			9	4.8	2.1	1.5	4.9	2.2	1.6	5.0	2.2	1.6	5.1	2.3	1.7	5.4	2.6	1.8	6.3	3.2	1.9
Low	1900	18	12	5.0	1.4	1.6	5.1	1.4	1.6	5.2	1.4	1.7	5.3	1.5	1.7	5.7	1.7	1.9	6.6	2.1	2.0
			15	6.0	1.4	1.8	6.1	1.4	1.8	6.2	1.5	1.8	6.4	1.5	1.9	6.8	1.8	2.1	7.9	2.2	2.2
			12	6.0	3.2	1.8	6.1	3.3	1.9	6.2	3.4	1.9	6.4	3.5	2.0	6.8	4.0	2.2	7.9	4.9	2.3
		21	15	6.2	2.6	1.9	6.2	2.7	1.9	6.3	2.7	1.9	6.5	2.9	2.0	6.9	3.2	2.2	8.1	4.0	2.4
			19	7.2	2.1	2.0	7.3	2.1	2.1	7.4	2.2	2.1	7.6	2.3	2.2	8.1	2.6	2.4	9.4	3.1	2.5
			16	6.4	3.3	1.9	6.5	3.3	1.9	6.6	3.4	1.9	6.8	3.6	2.0	7.3	4.1	2.2	8.4	5.0	2.4
		24	19	7.3	3.2	2.0	7.4	3.3	2.1	7.5	3.3	2.1	7.7	3.5	2.2	8.2	3.9	2.4	9.6	4.8	2.6
			23	7.2	1.5	2.1	7.3	1.5	2.2	7.4	1.6	2.2	7.6	1.6	2.3	8.1	1.9	2.5	9.4	2.3	2.7
			16	6.7	4.1	2.0	6.8	4.2	2.0	6.9	4.3	2.1	7.1	4.5	2.2	7.6	5.1	2.3	8.8	6.2	2.5
		27	19	7.5	4.0	2.1	7.6	4.1	2.1	7.7	4.3	2.1	7.9	4.4	2.2	8.4	5.0	2.4	9.8	6.2	2.6
			23	7.9	2.7	2.1	8.0	2.8	2.1	8.1	2.9	2.2	8.4	3.0	2.3	8.9	3.4	2.5	10.4	4.2	2.6
			19	7.6	4.3	2.1	7.7	4.4	2.1	7.8	4.6	2.2	8.0	4.7	2.3	8.6	5.4	2.4	10.0	6.6	2.6
		29	16	7.1	4.5	2.0	7.2	4.7	2.1	7.3	4.8	2.1	7.5	5.0	2.2	8.0	5.7	2.4	9.3	7.0	2.5
			19	7.7	4.6	2.1	7.8	4.7	2.1	7.9	4.9	2.2	8.1	5.1	2.3	8.7	5.7	2.4	10.1	7.1	2.6
			23	8.1	3.8	2.1	8.2	3.9	2.2	8.3	4.0	2.2	8.5	4.2	2.3	9.1	4.7	2.5	10.6	5.8	2.7
		30	16	7.4	4.9	2.1	7.5	5.1	2.1	7.6	5.2	2.1	7.9	5.4	2.2	8.4	6.1	2.4	9.7	7.5	2.6
			19	7.9	5.2	2.1	8.0	5.3	2.1	8.1	5.5	2.2	8.4	5.7	2.3	8.9	6.4	2.5	10.4	7.9	2.6
			23	8.8	5.0	2.2	8.9	5.2	2.2	9.0	5.3	2.2	9.3	5.5	2.4	9.9	6.3	2.5	11.5	7.7	2.7

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																	
				30			35			39			43			46			48		
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
High	2300	18	9	7.1	4.3	2.2	7.3	4.6	2.6	7.2	4.6	2.8	5.9	3.8	2.3	5.5	3.6	2.2	5.1	3.5	2.3
			12	7.4	2.8	2.3	7.6	3.0	2.7	7.4	3.0	3.0	6.1	2.5	2.5	5.7	2.4	2.3	5.3	2.3	2.4
			15	8.9	2.9	2.5	9.2	3.1	3.0	9.0	3.1	3.3	7.3	2.6	2.7	6.9	2.4	2.5	6.4	2.3	2.6
		21	12	8.8	6.5	2.7	9.1	7.0	3.1	8.9	6.9	3.4	7.3	5.8	2.8	6.8	5.5	2.7	6.4	5.3	2.7
			15	9.0	5.3	2.7	9.3	5.7	3.2	9.1	5.7	3.5	7.5	4.7	2.9	7.0	4.5	2.7	6.5	4.3	2.8
			19	10.5	4.2	2.9	10.8	4.5	3.4	10.6	4.5	3.8	8.7	3.7	3.1	8.1	3.6	2.9	7.6	3.4	3.0
		24	16	9.5	6.6	2.7	9.7	7.2	3.2	9.6	7.1	3.5	7.8	5.9	2.9	7.3	5.7	2.7	6.8	5.4	2.8
			19	10.7	6.4	3.0	11.1	7.0	3.5	10.9	6.9	3.8	8.9	5.8	3.1	8.3	5.5	3.0	7.8	5.2	3.0
			23	10.5	3.0	3.1	10.9	3.3	3.6	10.6	3.3	4.0	8.7	2.7	3.3	8.1	2.6	3.1	7.6	2.5	3.2
		27	16	9.9	8.3	2.9	10.2	9.0	3.4	10.0	8.9	3.7	8.1	7.4	3.1	7.6	7.1	2.9	7.1	6.7	3.0
			19	11.0	8.2	3.0	11.3	8.9	3.5	11.1	8.8	3.8	9.0	7.4	3.2	8.5	7.0	3.0	7.9	6.7	3.1
			23	11.6	5.6	3.1	12.0	6.1	3.6	11.7	6.0	3.9	9.6	5.0	3.2	9.0	4.8	3.1	8.4	4.5	3.1
		29	19	11.2	8.8	3.0	11.5	9.6	3.6	11.3	9.5	3.9	9.2	7.9	3.2	8.6	7.5	3.0	8.1	7.2	3.1
			16	10.4	9.3	2.9	10.7	10.0	3.4	10.5	9.9	3.8	8.6	8.3	3.1	8.0	7.9	2.9	7.5	7.5	3.0
			19	11.3	9.4	3.0	11.6	10.2	3.6	11.4	10.1	3.9	9.3	8.4	3.2	8.7	8.0	3.0	8.1	7.6	3.1
		30	23	11.9	7.7	3.1	12.2	8.4	3.6	12.0	8.3	4.0	9.8	6.9	3.3	9.2	6.6	3.1	8.6	6.3	3.2
			16	10.9	10.0	3.0	11.3	10.9	3.5	11.0	10.8	3.8	9.0	9.0	3.2	8.4	8.6	3.0	7.9	8.1	3.1
			19	11.6	10.6	3.1	12.0	11.4	3.6	11.7	11.3	3.9	9.6	9.4	3.2	9.0	9.0	3.1	8.4	8.6	3.1
32	23	12.0	9.6	3.1	12.3	10.4	3.6	12.1	10.3	4.0	9.9	8.6	3.3	9.3	8.2	3.1	8.6	7.8	3.2		
	9	7.0	3.9	2.2	7.2	4.2	2.6	7.0	4.2	2.8	5.7	3.5	2.3	5.4	3.3	2.2	5.0	3.2	2.2		
	12	7.2	2.5	2.3	7.4	2.8	2.7	7.3	2.7	2.9	6.0	2.3	2.4	5.6	2.2	2.3	5.2	2.1	2.3		
Medium	2100	18	15	8.7	2.6	2.5	9.0	2.8	3.0	8.8	2.8	3.2	7.2	2.3	2.7	6.7	2.2	2.5	6.3	2.1	2.6
			12	8.7	5.9	2.6	8.9	6.4	3.1	8.8	6.3	3.4	7.1	5.3	2.8	6.7	5.0	2.6	6.3	4.8	2.7
			15	8.9	4.8	2.7	9.1	5.2	3.2	9.0	5.2	3.5	7.3	4.3	2.9	6.9	4.1	2.7	6.4	3.9	2.8
		21	19	10.3	3.8	2.9	10.6	4.1	3.4	10.4	4.1	3.7	8.5	3.4	3.1	8.0	3.3	2.9	7.4	3.1	3.0
			16	9.3	6.1	2.7	9.6	6.6	3.2	9.4	6.5	3.5	7.6	5.4	2.9	7.2	5.2	2.7	6.7	4.9	2.8
			19	10.5	5.9	2.9	10.9	6.4	3.4	10.6	6.3	3.8	8.7	5.3	3.1	8.1	5.0	2.9	7.6	4.8	3.0
		24	23	10.3	2.8	3.0	10.6	3.0	3.6	10.4	3.0	3.9	8.5	2.5	3.2	8.0	2.4	3.0	7.4	2.2	3.1
			16	9.7	7.6	2.9	10.0	8.2	3.4	9.8	8.1	3.7	8.0	6.8	3.0	7.5	6.5	2.9	7.0	6.1	2.9
			19	10.7	7.5	3.0	11.1	8.1	3.5	10.9	8.1	3.8	8.9	6.7	3.1	8.3	6.4	3.0	7.8	6.1	3.0
		27	23	11.4	5.1	3.0	11.7	5.5	3.6	11.5	5.5	3.9	9.4	4.5	3.2	8.8	4.3	3.0	8.2	4.1	3.1
			19	11.0	8.0	3.0	11.3	8.7	3.5	11.1	8.6	3.8	9.0	7.2	3.2	8.5	6.9	3.0	7.9	6.5	3.1
			16	10.2	8.4	2.9	10.5	9.2	3.4	10.3	9.1	3.7	8.4	7.5	3.1	7.9	7.2	2.9	7.3	6.9	3.0
		30	19	11.1	8.6	3.0	11.4	9.3	3.5	11.2	9.2	3.8	9.1	7.7	3.2	8.6	7.3	3.0	8.0	7.0	3.1
			23	11.6	7.0	3.1	12.0	7.6	3.6	11.7	7.5	3.9	9.6	6.3	3.2	9.0	6.0	3.1	8.4	5.7	3.1
			16	10.7	9.1	3.0	11.0	9.9	3.5	10.8	9.8	3.8	8.8	8.2	3.1	8.3	7.8	3.0	7.7	7.4	3.0
		32	19	11.4	9.6	3.0	11.7	10.4	3.6	11.5	10.3	3.9	9.4	8.6	3.2	8.8	8.2	3.0	8.2	7.8	3.1
			23	12.0	8.9	3.1	12.3	9.7	3.6	12.1	9.6	4.0	9.9	8.0	3.3	9.3	7.6	3.1	8.6	7.2	3.2
			9	6.6	3.5	2.2	6.8	3.8	2.6	6.7	3.8	2.8	5.4	3.2	2.3	5.1	3.0	2.2	4.8	2.9	2.2
Low	1900	18	12	6.9	2.3	2.3	7.1	2.5	2.7	6.9	2.5	2.9	5.7	2.1	2.4	5.3	2.0	2.3	4.9	1.9	2.3
			15	8.3	2.4	2.5	8.5	2.6	2.9	8.3	2.5	3.2	6.8	2.1	2.6	6.4	2.0	2.5	6.0	1.9	2.6
			12	8.2	5.4	2.6	8.5	5.8	3.1	8.3	5.8	3.4	6.8	4.8	2.8	6.4	4.6	2.6	5.9	4.4	2.7
		21	15	8.4	4.4	2.7	8.7	4.8	3.1	8.5	4.7	3.4	6.9	3.9	2.8	6.5	3.7	2.7	6.1	3.6	2.7
			19	9.8	3.5	2.9	10.1	3.8	3.4	9.9	3.7	3.7	8.1	3.1	3.0	7.6	3.0	2.9	7.1	2.8	2.9
			16	8.8	5.5	2.7	9.1	6.0	3.1	8.9	5.9	3.4	7.3	4.9	2.8	6.8	4.7	2.7	6.3	4.5	2.7
		24	19	10.0	5.3	2.9	10.3	5.8	3.4	10.1	5.7	3.7	8.2	4.8	3.1	7.7	4.6	2.9	7.2	4.3	3.0
			23	9.8	2.5	3.0	10.1	2.7	3.6	9.9	2.7	3.9	8.1	2.2	3.2	7.6	2.1	3.0	7.1	2.0	3.1
			16	9.2	6.9	2.8	9.5	7.4	3.3	9.3	7.4	3.6	7.6	6.1	3.0	7.1	5.9	2.8	6.6	5.6	2.9
		27	19	10.2	6.8	2.9	10.5	7.4	3.4	10.3	7.3	3.8	8.4	6.1	3.1	7.9	5.8	2.9	7.4	5.5	3.0
			23	10.8	4.6	3.0	11.1	5.0	3.5	10.9	5.0	3.8	8.9	4.1	3.2	8.4	3.9	3.0	7.8	3.8	3.1
			19	10.4	7.3	3.0	10.7	7.9	3.5	10.5	7.8	3.8	8.6	6.5	3.1	8.0	6.2	3.0	7.5	5.9	3.0
		29	16	9.7	7.7	2.9	10.0	8.3	3.4	9.8	8.2	3.7	8.0	6.9	3.0	7.5	6.5	2.9	7.0	6.2	2.9
			19	10.5	7.8	3.0	10.8	8.4	3.5	10.6	8.4	3.8	8.7	7.0	3.1	8.1	6.7	3.0	7.6	6.3	3.0
			23	11.0	6.4	3.0	11.4	6.9	3.6	11.1	6.8	3.9	9.1	5.7	3.2	8.5	5.4	3.0	8.0	5.2	3.1
		30	16	10.2	8.3	2.9	10.5	9.0	3.4	10.3	8.9	3.8	8.4	7.4	3.1	7.9	7.1	2.9	7.3	6.7	3.0
			19	10.8	8.7	3.0	11.1	9.5	3.5	10.9	9.4	3.8	8.9	7.8	3.2	8.4	7.5	3.0	7.8	7.1	3.1
			23	12.0	8.5	3.1	12.3	9.2	3.6	12.1	9.1	4.0	9.9	7.6	3.3	9.3	7.3	3.1	8.6	6.9	3.2

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD60NM3C1O Indoor Unit:GTH60K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)															
				-15			-10			-7			-5			0			
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	2300	18	9	6.8	3.1	2.0	6.9	3.2	2.1	7.1	3.3	2.1	7.2	3.4	2.1	7.3	3.5	2.2	
			12	7.1	2.0	2.1	7.2	2.1	2.2	7.3	2.2	2.2	7.4	2.2	2.2	7.5	2.3	2.3	
			15	8.6	2.1	2.3	8.7	2.2	2.4	8.8	2.2	2.4	8.9	2.3	2.5	9.1	2.3	2.5	
		21	12	8.5	4.7	2.4	8.6	4.9	2.5	8.8	5.0	2.5	8.9	5.1	2.6	9.0	5.3	2.6	
			15	8.7	3.9	2.5	8.9	4.0	2.5	9.0	4.1	2.6	9.1	4.2	2.6	9.2	4.3	2.7	
			19	10.1	3.1	2.7	10.3	3.1	2.7	10.4	3.2	2.8	10.6	3.3	2.8	10.8	3.4	2.9	
		24	16	9.1	4.8	2.5	9.2	5.0	2.5	9.4	5.1	2.6	9.5	5.3	2.6	9.7	5.4	2.7	
			19	10.3	4.7	2.7	10.5	4.8	2.8	10.7	5.0	2.8	10.8	5.1	2.9	11.0	5.3	2.9	
			23	10.1	2.2	2.8	10.3	2.3	2.9	10.4	2.3	2.9	10.6	2.4	3.0	10.8	2.5	3.0	
		27	16	9.5	6.1	2.7	9.6	6.2	2.7	9.8	6.4	2.8	9.9	6.6	2.8	10.1	6.8	2.9	
			19	10.6	6.0	2.7	10.7	6.2	2.8	10.9	6.4	2.8	11.0	6.5	2.9	11.2	6.7	2.9	
			23	11.2	4.1	2.8	11.4	4.2	2.8	11.5	4.3	2.9	11.7	4.4	2.9	11.9	4.6	3.0	
	29	19	10.8	6.4	2.8	10.9	6.6	2.8	11.1	6.8	2.9	11.3	7.0	2.9	11.4	7.2	3.0		
		30	16	10.0	6.8	2.7	10.2	7.0	2.7	10.3	7.2	2.8	10.5	7.4	2.8	10.6	7.6	2.9	
			19	10.9	6.9	2.8	11.0	7.1	2.8	11.2	7.3	2.9	11.4	7.5	2.9	11.5	7.7	3.0	
	23		11.4	5.6	2.8	11.6	5.8	2.9	11.8	6.0	2.9	11.9	6.1	3.0	12.1	6.3	3.0		
	32	16	10.5	7.3	2.7	10.7	7.5	2.8	10.8	7.7	2.8	11.0	8.0	2.9	11.2	8.2	2.9		
		19	11.2	7.7	2.8	11.4	7.9	2.8	11.5	8.2	2.9	11.7	8.4	2.9	11.9	8.6	3.0		
		23	11.5	7.0	2.8	11.7	7.2	2.9	11.9	7.4	2.9	12.1	7.6	3.0	12.2	7.8	3.0		
	Medium	2100	18	9	6.7	2.8	2.0	6.8	2.9	2.0	6.9	3.0	2.1	7.0	3.1	2.1	7.1	3.2	2.2
				12	7.0	1.9	2.1	7.1	1.9	2.1	7.2	2.0	2.2	7.3	2.0	2.2	7.4	2.1	2.2
				15	8.4	1.9	2.3	8.5	2.0	2.3	8.6	2.0	2.4	8.8	2.1	2.4	8.9	2.1	2.5
			21	12	8.3	4.3	2.4	8.5	4.4	2.5	8.6	4.6	2.5	8.7	4.7	2.6	8.9	4.8	2.6
				15	8.5	3.5	2.5	8.7	3.6	2.5	8.8	3.7	2.6	8.9	3.8	2.6	9.1	3.9	2.7
19				9.9	2.8	2.7	10.1	2.9	2.7	10.2	2.9	2.8	10.4	3.0	2.8	10.5	3.1	2.9	
24			16	8.9	4.4	2.5	9.1	4.5	2.5	9.2	4.7	2.6	9.3	4.8	2.6	9.5	4.9	2.6	
			19	10.1	4.3	2.7	10.3	4.4	2.7	10.4	4.5	2.8	10.6	4.7	2.8	10.8	4.8	2.9	
			23	9.9	2.0	2.8	10.1	2.1	2.8	10.2	2.1	2.9	10.4	2.2	2.9	10.5	2.3	3.0	
27			16	9.3	5.5	2.6	9.5	5.7	2.7	9.6	5.8	2.7	9.7	6.0	2.8	9.9	6.2	2.8	
			19	10.3	5.5	2.7	10.5	5.6	2.8	10.7	5.8	2.8	10.8	6.0	2.9	11.0	6.1	2.9	
			23	11.0	3.7	2.8	11.1	3.8	2.8	11.3	3.9	2.9	11.5	4.0	2.9	11.6	4.2	3.0	
29		19	10.6	5.9	2.7	10.7	6.0	2.8	10.9	6.2	2.8	11.0	6.4	2.9	11.2	6.6	2.9		
		30	16	9.8	6.2	2.7	10.0	6.3	2.7	10.1	6.5	2.8	10.3	6.7	2.8	10.4	6.9	2.8	
			19	10.7	6.3	2.7	10.8	6.4	2.8	11.0	6.6	2.8	11.1	6.8	2.9	11.3	7.0	2.9	
23			11.2	5.1	2.8	11.4	5.3	2.8	11.5	5.4	2.9	11.7	5.6	2.9	11.9	5.7	3.0		
32		16	10.3	6.7	2.7	10.5	6.9	2.8	10.6	7.1	2.8	10.8	7.3	2.9	10.9	7.5	2.9		
		19	11.0	7.0	2.8	11.1	7.2	2.8	11.3	7.4	2.9	11.5	7.6	2.9	11.6	7.9	3.0		
		23	11.5	6.5	2.8	11.7	6.7	2.9	11.9	6.9	2.9	12.1	7.1	3.0	12.2	7.3	3.0		
Low		1900	18	9	6.4	2.6	2.0	6.5	2.7	2.0	6.6	2.7	2.1	6.7	2.8	2.1	6.7	2.9	2.1
				12	6.6	1.7	2.1	6.7	1.7	2.1	6.8	1.8	2.2	6.9	1.8	2.2	7.0	1.9	2.2
				15	8.0	1.7	2.3	8.1	1.8	2.3	8.2	1.8	2.4	8.3	1.9	2.4	8.4	1.9	2.4
			21	12	7.9	3.9	2.4	8.0	4.0	2.4	8.2	4.1	2.5	8.3	4.3	2.5	8.4	4.4	2.6
				15	8.1	3.2	2.4	8.2	3.3	2.5	8.4	3.4	2.5	8.5	3.5	2.6	8.6	3.6	2.6
	19			9.4	2.5	2.6	9.6	2.6	2.7	9.7	2.7	2.7	9.9	2.8	2.8	10.0	2.8	2.8	
	24		16	8.5	4.0	2.4	8.6	4.1	2.5	8.7	4.2	2.5	8.9	4.4	2.6	9.0	4.5	2.6	
			19	9.6	3.9	2.7	9.8	4.0	2.7	9.9	4.1	2.8	10.1	4.2	2.8	10.2	4.4	2.9	
			23	9.4	1.8	2.8	9.6	1.9	2.8	9.7	1.9	2.9	9.9	2.0	2.9	10.0	2.1	3.0	
	27		16	8.8	5.0	2.6	9.0	5.2	2.7	9.1	5.3	2.7	9.2	5.5	2.7	9.4	5.6	2.8	
			19	9.8	5.0	2.7	10.0	5.1	2.7	10.1	5.3	2.8	10.3	5.4	2.8	10.4	5.6	2.9	
			23	10.4	3.4	2.7	10.6	3.5	2.8	10.7	3.6	2.8	10.9	3.7	2.9	11.0	3.8	2.9	
	29	19	10.0	5.3	2.7	10.2	5.5	2.8	10.3	5.6	2.8	10.5	5.8	2.9	10.6	6.0	2.9		
		30	16	9.3	5.6	2.6	9.4	5.8	2.7	9.6	5.9	2.7	9.7	6.1	2.8	9.9	6.3	2.8	
			19	10.1	5.7	2.7	10.3	5.9	2.8	10.4	6.0	2.8	10.6	6.2	2.9	10.7	6.4	2.9	
	23		10.6	4.7	2.8	10.8	4.8	2.8	10.9	4.9	2.9	11.1	5.1	2.9	11.3	5.2	3.0		
	32	16	9.8	6.1	2.7	9.9	6.2	2.7	10.1	6.4	2.8	10.2	6.6	2.8	10.4	6.8	2.9		
		19	10.4	6.4	2.7	10.6	6.6	2.8	10.7	6.8	2.8	10.9	6.9	2.9	11.0	7.1	2.9		
		23	11.5	6.2	2.8	11.7	6.4	2.9	11.9	6.6	2.9	12.1	6.8	3.0	12.2	7.0	3.0		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				5			10			15			18			21			25				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	2300	18	9	7.4	3.6	2.2	7.5	3.7	2.2	7.6	3.8	2.3	7.8	3.9	2.4	8.3	4.5	2.6	9.6	5.5	2.8		
			12	7.6	2.3	2.3	7.7	2.4	2.3	7.9	2.5	2.4	8.1	2.6	2.5	8.6	2.9	2.7	10.0	3.6	2.9		
			15	9.2	2.4	2.5	9.3	2.5	2.6	9.5	2.5	2.6	9.7	2.6	2.8	10.4	3.0	3.0	12.1	3.7	3.2		
		21	12	9.2	5.4	2.7	9.3	5.6	2.7	9.4	5.7	2.8	9.7	6.0	2.9	10.3	6.8	3.1	12.0	8.3	3.3		
			15	9.4	4.4	2.7	9.5	4.6	2.8	9.6	4.7	2.8	9.9	4.9	3.0	10.6	5.5	3.2	12.3	6.8	3.4		
			19	10.9	3.5	2.9	11.1	3.6	3.0	11.2	3.7	3.0	11.5	3.9	3.2	12.3	4.4	3.4	14.3	5.4	3.7		
		24	16	9.8	5.6	2.7	9.9	5.7	2.8	10.1	5.9	2.8	10.3	6.1	2.9	11.0	6.9	3.2	12.8	8.5	3.4		
			19	11.1	5.4	3.0	11.3	5.6	3.0	11.4	5.7	3.1	11.8	5.9	3.2	12.5	6.7	3.5	14.6	8.3	3.7		
			23	10.9	2.5	3.1	11.1	2.6	3.1	11.2	2.7	3.2	11.5	2.8	3.3	12.3	3.2	3.6	14.3	3.9	3.8		
		27	16	10.2	7.0	2.9	10.4	7.2	2.9	10.5	7.3	3.0	10.8	7.6	3.1	11.5	8.7	3.4	13.4	10.7	3.6		
			19	11.4	6.9	3.0	11.5	7.1	3.0	11.7	7.3	3.1	12.0	7.6	3.2	12.8	8.6	3.5	14.9	10.6	3.7		
			23	12.0	4.7	3.0	12.2	4.8	3.1	12.4	4.9	3.1	12.7	5.1	3.3	13.6	5.8	3.6	15.8	7.2	3.8		
		29	19	11.6	7.4	3.0	11.8	7.6	3.1	11.9	7.8	3.1	12.2	8.1	3.3	13.1	9.2	3.5	15.2	11.3	3.8		
			16	10.8	7.8	2.9	10.9	8.0	3.0	11.1	8.2	3.0	11.4	8.5	3.2	12.1	9.7	3.4	14.1	11.9	3.7		
			19	11.7	7.9	3.0	11.9	8.1	3.1	12.0	8.3	3.1	12.4	8.7	3.3	13.2	9.8	3.5	15.3	12.1	3.8		
		30	23	12.3	6.5	3.1	12.5	6.6	3.1	12.6	6.8	3.2	13.0	7.1	3.3	13.8	8.0	3.6	16.1	9.9	3.8		
			16	11.3	8.4	3.0	11.5	8.6	3.0	11.6	8.9	3.1	12.0	9.2	3.2	12.8	10.5	3.5	14.8	12.9	3.7		
			19	12.0	8.9	3.0	12.2	9.1	3.1	12.4	9.3	3.1	12.7	9.7	3.3	13.6	11.0	3.6	15.8	13.6	3.8		
		32	23	12.4	8.0	3.1	12.6	8.3	3.1	12.8	8.5	3.2	13.1	8.8	3.3	14.0	10.0	3.6	16.2	12.3	3.8		
			9	7.2	3.3	2.2	7.3	3.4	2.2	7.4	3.4	2.3	7.6	3.6	2.4	8.1	4.1	2.6	9.4	5.0	2.7		
			12	7.5	2.1	2.3	7.6	2.2	2.3	7.7	2.2	2.4	7.9	2.3	2.5	8.4	2.6	2.7	9.8	3.3	2.9		
		Medium	2100	18	15	9.0	2.2	2.5	9.1	2.3	2.6	9.3	2.3	2.6	9.5	2.4	2.7	10.2	2.7	2.9	11.8	3.4	3.1
					12	9.0	5.0	2.6	9.1	5.1	2.7	9.2	5.2	2.7	9.5	5.4	2.9	10.1	6.2	3.1	11.8	7.6	3.3
					15	9.2	4.1	2.7	9.3	4.2	2.7	9.5	4.3	2.8	9.7	4.4	2.9	10.4	5.0	3.1	12.0	6.2	3.4
21	19			10.7	3.2	2.9	10.8	3.3	2.9	11.0	3.4	3.0	11.3	3.5	3.1	12.0	4.0	3.4	14.0	4.9	3.6		
	16			9.6	5.1	2.7	9.7	5.2	2.7	9.9	5.4	2.8	10.1	5.6	2.9	10.8	6.3	3.1	12.6	7.8	3.4		
	19			10.9	4.9	2.9	11.1	5.1	3.0	11.2	5.2	3.0	11.5	5.4	3.2	12.3	6.1	3.4	14.3	7.6	3.7		
24	23			10.7	2.3	3.0	10.8	2.4	3.1	11.0	2.5	3.1	11.3	2.5	3.3	12.0	2.9	3.6	14.0	3.6	3.8		
	16			10.0	6.3	2.9	10.2	6.5	2.9	10.3	6.7	3.0	10.6	7.0	3.1	11.3	7.9	3.3	13.1	9.7	3.6		
	19			11.1	6.3	3.0	11.3	6.5	3.0	11.4	6.6	3.1	11.8	6.9	3.2	12.5	7.8	3.5	14.6	9.6	3.7		
27	23			11.8	4.3	3.0	12.0	4.4	3.1	12.1	4.5	3.1	12.5	4.7	3.3	13.3	5.3	3.5	15.5	6.5	3.8		
	19			11.4	6.7	3.0	11.5	6.9	3.0	11.7	7.1	3.1	12.0	7.4	3.2	12.8	8.4	3.5	14.9	10.3	3.7		
	16			10.5	7.1	2.9	10.7	7.3	2.9	10.8	7.5	3.0	11.1	7.8	3.1	11.9	8.8	3.4	13.8	10.9	3.6		
30	19			11.5	7.2	3.0	11.6	7.4	3.0	11.8	7.6	3.1	12.1	7.9	3.2	12.9	9.0	3.5	15.0	11.0	3.7		
	23			12.0	5.9	3.0	12.2	6.1	3.1	12.4	6.2	3.1	12.7	6.5	3.3	13.6	7.3	3.6	15.8	9.0	3.8		
	16			11.1	7.7	3.0	11.2	7.9	3.0	11.4	8.1	3.1	11.7	8.4	3.2	12.5	9.5	3.4	14.5	11.7	3.7		
32	19			11.8	8.1	3.0	12.0	8.3	3.1	12.1	8.5	3.1	12.5	8.9	3.3	13.3	10.0	3.5	15.5	12.4	3.8		
	23			12.4	7.5	3.1	12.6	7.7	3.1	12.8	7.9	3.2	13.1	8.2	3.3	14.0	9.3	3.6	16.2	11.4	3.8		
	9			6.8	3.0	2.2	6.9	3.0	2.2	7.0	3.1	2.2	7.2	3.3	2.3	7.7	3.7	2.5	9.0	4.5	2.7		
Low	1900			18	12	7.1	1.9	2.3	7.2	2.0	2.3	7.3	2.0	2.3	7.5	2.1	2.5	8.0	2.4	2.6	9.3	3.0	2.8
					15	8.6	2.0	2.5	8.7	2.0	2.5	8.8	2.1	2.6	9.0	2.2	2.7	9.6	2.5	2.9	11.2	3.0	3.1
					12	8.5	4.5	2.6	8.6	4.6	2.7	8.8	4.7	2.7	9.0	4.9	2.8	9.6	5.6	3.0	11.2	6.9	3.3
				21	15	8.7	3.7	2.7	8.8	3.8	2.7	9.0	3.9	2.8	9.2	4.0	2.9	9.8	4.6	3.1	11.4	5.6	3.3
					19	10.1	2.9	2.9	10.3	3.0	2.9	10.4	3.1	3.0	10.7	3.2	3.1	11.4	3.6	3.3	13.3	4.5	3.6
					16	9.1	4.6	2.7	9.2	4.7	2.7	9.4	4.9	2.8	9.6	5.1	2.9	10.3	5.7	3.1	11.9	7.1	3.3
		24	19	10.4	4.5	2.9	10.5	4.6	2.9	10.6	4.7	3.0	10.9	4.9	3.1	11.7	5.6	3.4	13.6	6.9	3.6		
			23	10.1	2.1	3.0	10.3	2.2	3.1	10.4	2.2	3.1	10.7	2.3	3.3	11.4	2.6	3.5	13.3	3.2	3.8		
			16	9.5	5.8	2.8	9.6	5.9	2.9	9.8	6.1	2.9	10.0	6.3	3.1	10.7	7.2	3.3	12.5	8.8	3.6		
		27	19	10.6	5.7	2.9	10.7	5.9	3.0	10.9	6.0	3.0	11.2	6.3	3.2	11.9	7.1	3.4	13.8	8.8	3.7		
			23	11.2	3.9	3.0	11.4	4.0	3.0	11.5	4.1	3.1	11.8	4.3	3.2	12.6	4.8	3.5	14.7	5.9	3.7		
			19	10.8	6.1	3.0	10.9	6.3	3.0	11.1	6.5	3.1	11.4	6.7	3.2	12.1	7.6	3.5	14.1	9.4	3.7		
		29	16	10.0	6.4	2.9	10.2	6.6	2.9	10.3	6.8	3.0	10.6	7.1	3.1	11.3	8.0	3.3	13.1	9.9	3.6		
			19	10.9	6.5	3.0	11.0	6.7	3.0	11.2	6.9	3.1	11.5	7.2	3.2	12.3	8.1	3.5	14.3	10.0	3.7		
			23	11.4	5.4	3.0	11.6	5.5	3.1	11.7	5.6	3.1	12.1	5.9	3.3	12.9	6.7	3.5	15.0	8.2	3.8		
		30	16	10.5	7.0	2.9	10.7	7.2	3.0	10.8	7.3	3.0	11.1	7.6	3.2	11.9	8.7	3.4	13.8	10.7	3.7		
			19	11.2	7.3	3.0	11.4	7.5	3.0	11.5	7.7	3.1	11.8	8.1	3.2	12.6	9.1	3.5	14.7	11.2	3.7		
			23	12.4	7.1	3.1	12.6	7.3	3.1	12.8	7.5	3.2	13.1	7.8	3.3	14.0	8.9	3.6	16.2	10.9	3.8		

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Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°C)																			
				30			35			39			43			46			48				
		DB(°C)	WB(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	2300	18	9	10.1	6.0	3.1	10.4	6.6	3.7	10.2	6.5	4.0	8.3	5.4	3.3	7.8	5.2	3.1	7.3	4.9	3.2		
			12	10.4	3.9	3.3	10.8	4.3	3.9	10.5	4.2	4.2	8.6	3.5	3.5	8.1	3.4	3.3	7.5	3.2	3.4		
			15	12.6	4.1	3.6	13.0	4.4	4.2	12.7	4.4	4.6	10.4	3.6	3.8	9.7	3.5	3.6	9.1	3.3	3.7		
		21	12	12.5	9.2	3.8	12.9	9.9	4.4	12.6	9.8	4.8	10.3	8.2	4.0	9.7	7.8	3.8	9.0	7.4	3.9		
			15	12.8	7.5	3.9	13.2	8.1	4.5	12.9	8.0	4.9	10.6	6.7	4.1	9.9	6.4	3.9	9.2	6.1	3.9		
			19	14.9	5.9	4.1	15.4	6.4	4.9	15.1	6.4	5.3	12.3	5.3	4.4	11.5	5.1	4.1	10.8	4.8	4.2		
		24	16	13.4	9.4	3.9	13.8	10.2	4.5	13.5	10.1	4.9	11.0	8.4	4.1	10.3	8.0	3.9	9.7	7.6	3.9		
			19	15.2	9.1	4.2	15.7	9.9	4.9	15.4	9.8	5.4	12.5	8.2	4.4	11.8	7.8	4.2	11.0	7.4	4.3		
			23	14.9	4.3	4.4	15.4	4.7	5.1	15.1	4.6	5.6	12.3	3.8	4.6	11.5	3.7	4.4	10.8	3.5	4.5		
		27	16	14.0	11.7	4.1	14.4	12.7	4.8	14.1	12.6	5.3	11.5	10.5	4.3	10.8	10.0	4.1	10.1	9.5	4.2		
			19	15.5	11.6	4.2	16.0	12.6	5.0	15.7	12.5	5.4	12.8	10.4	4.5	12.0	10.0	4.2	11.2	9.5	4.3		
			23	16.5	7.9	4.3	17.0	8.6	5.1	16.6	8.5	5.5	13.6	7.1	4.6	12.7	6.8	4.3	11.9	6.4	4.4		
		29	19	15.8	12.5	4.3	16.3	13.5	5.0	16.0	13.4	5.5	13.1	11.2	4.5	12.2	10.7	4.3	11.4	10.1	4.4		
			16	14.7	13.1	4.1	15.2	14.2	4.9	14.9	14.1	5.3	12.1	11.7	4.4	11.4	11.2	4.1	10.6	10.7	4.2		
			19	16.0	13.3	4.3	16.5	14.5	5.0	16.2	14.3	5.5	13.2	11.9	4.5	12.4	11.4	4.3	11.5	10.8	4.4		
		30	23	16.8	10.9	4.4	17.3	11.8	5.1	17.0	11.7	5.6	13.8	9.8	4.6	13.0	9.3	4.4	12.1	8.9	4.5		
			16	15.5	14.2	4.2	15.9	15.4	5.0	15.6	15.2	5.4	12.8	12.7	4.5	12.0	12.1	4.2	11.2	11.5	4.3		
			19	16.5	14.9	4.3	17.0	16.2	5.1	16.6	16.0	5.5	13.6	13.4	4.6	12.7	12.8	4.3	11.9	12.1	4.4		
		32	23	16.9	13.5	4.4	17.5	14.7	5.1	17.1	14.5	5.6	14.0	12.1	4.6	13.1	11.6	4.4	12.2	11.0	4.5		
			9	9.9	5.5	3.1	10.2	6.0	3.6	10.0	5.9	4.0	8.1	4.9	3.3	7.6	4.7	3.1	7.1	4.5	3.2		
			12	10.2	3.6	3.2	10.5	3.9	3.8	10.3	3.9	4.2	8.4	3.2	3.4	7.9	3.1	3.2	7.4	2.9	3.3		
		Medium	2100	18	15	12.3	3.7	3.6	12.7	4.0	4.2	12.4	4.0	4.6	10.2	3.3	3.8	9.5	3.2	3.6	8.9	3.0	3.6
					12	12.3	8.3	3.7	12.6	9.1	4.4	12.4	9.0	4.8	10.1	7.5	4.0	9.5	7.1	3.7	8.9	6.8	3.8
					15	12.6	6.8	3.8	12.9	7.4	4.5	12.7	7.3	4.9	10.4	6.1	4.0	9.7	5.8	3.8	9.1	5.6	3.9
21	19			14.6	5.4	4.1	15.1	5.9	4.8	14.8	5.8	5.3	12.0	4.8	4.3	11.3	4.6	4.1	10.5	4.4	4.2		
	16			13.1	8.6	3.8	13.5	9.3	4.5	13.3	9.2	4.9	10.8	7.7	4.0	10.1	7.3	3.8	9.5	7.0	3.9		
	19			14.9	8.3	4.1	15.4	9.0	4.9	15.1	8.9	5.3	12.3	7.4	4.4	11.5	7.1	4.1	10.8	6.8	4.2		
24	23			14.6	3.9	4.3	15.1	4.2	5.1	14.8	4.2	5.5	12.0	3.5	4.6	11.3	3.3	4.3	10.5	3.2	4.4		
	16			13.7	10.7	4.1	14.1	11.6	4.8	13.8	11.5	5.2	11.3	9.6	4.3	10.6	9.1	4.1	9.9	8.7	4.2		
	19			15.2	10.6	4.2	15.7	11.5	4.9	15.4	11.4	5.4	12.5	9.5	4.4	11.8	9.1	4.2	11.0	8.6	4.3		
27	23			16.1	7.2	4.3	16.6	7.8	5.0	16.3	7.7	5.5	13.3	6.4	4.5	12.5	6.2	4.3	11.6	5.9	4.4		
	19			15.5	11.4	4.2	16.0	12.3	5.0	15.7	12.2	5.4	12.8	10.2	4.5	12.0	9.7	4.2	11.2	9.2	4.3		
	16			14.4	11.9	4.1	14.9	13.0	4.8	14.6	12.8	5.3	11.9	10.7	4.3	11.1	10.2	4.1	10.4	9.7	4.2		
30	19			15.7	12.1	4.2	16.2	13.2	5.0	15.8	13.0	5.4	12.9	10.9	4.5	12.1	10.4	4.2	11.3	9.9	4.3		
	23			16.4	9.9	4.3	17.0	10.8	5.1	16.6	10.7	5.5	13.6	8.9	4.6	12.7	8.5	4.3	11.9	8.1	4.4		
	16			15.2	12.9	4.2	15.6	14.0	4.9	15.3	13.9	5.4	12.5	11.6	4.4	11.7	11.0	4.2	10.9	10.5	4.3		
32	19			16.1	13.6	4.3	16.6	14.8	5.0	16.3	14.6	5.5	13.3	12.2	4.5	12.5	11.6	4.3	11.6	11.1	4.4		
	23			16.9	12.6	4.4	17.5	13.7	5.1	17.1	13.5	5.6	14.0	11.3	4.6	13.1	10.8	4.4	12.2	10.2	4.5		
	9			9.4	5.0	3.1	9.6	5.4	3.6	9.4	5.4	3.9	7.7	4.5	3.2	7.2	4.3	3.1	6.7	4.1	3.1		
Low	1900			18	12	9.7	3.3	3.2	10.0	3.5	3.8	9.8	3.5	4.1	8.0	2.9	3.4	7.5	2.8	3.2	7.0	2.7	3.3
					15	11.7	3.4	3.5	12.1	3.6	4.1	11.8	3.6	4.5	9.6	3.0	3.7	9.0	2.9	3.5	8.4	2.7	3.6
					12	11.6	7.6	3.7	12.0	8.2	4.4	11.8	8.1	4.7	9.6	6.8	3.9	9.0	6.5	3.7	8.4	6.2	3.8
				21	15	11.9	6.2	3.8	12.3	6.7	4.4	12.0	6.7	4.8	9.8	5.5	4.0	9.2	5.3	3.8	8.6	5.0	3.9
					19	13.9	4.9	4.1	14.3	5.3	4.8	14.0	5.3	5.2	11.4	4.4	4.3	10.7	4.2	4.1	10.0	4.0	4.2
					16	12.4	7.8	3.8	12.8	8.4	4.4	12.6	8.4	4.8	10.3	7.0	4.0	9.6	6.7	3.8	9.0	6.3	3.9
		24	19	14.1	7.6	4.1	14.6	8.2	4.8	14.3	8.1	5.3	11.7	6.8	4.3	10.9	6.5	4.1	10.2	6.1	4.2		
			23	13.9	3.6	4.3	14.3	3.9	5.0	14.0	3.8	5.5	11.4	3.2	4.5	10.7	3.0	4.3	10.0	2.9	4.4		
			16	13.0	9.7	4.0	13.4	10.5	4.7	13.1	10.4	5.2	10.7	8.7	4.3	10.0	8.3	4.0	9.4	7.9	4.1		
		27	19	14.4	9.6	4.1	14.9	10.5	4.9	14.6	10.4	5.3	11.9	8.6	4.4	11.2	8.2	4.1	10.4	7.8	4.2		
			23	15.3	6.5	4.2	15.8	7.1	5.0	15.5	7.0	5.4	12.6	5.8	4.5	11.8	5.6	4.2	11.0	5.3	4.3		
			19	14.7	10.3	4.2	15.2	11.2	4.9	14.9	11.1	5.4	12.1	9.2	4.4	11.4	8.8	4.2	10.6	8.4	4.3		
		30	16	13.7	10.9	4.1	14.1	11.8	4.8	13.8	11.7	5.2	11.3	9.7	4.3	10.6	9.3	4.1	9.9	8.8	4.2		
			19	14.9	11.0	4.2	15.3	12.0	4.9	15.0	11.8	5.4	12.3	9.9	4.4	11.5	9.4	4.2	10.7	9.0	4.3		
			23	15.6	9.0	4.3	16.1	9.8	5.0	15.8	9.7	5.5	12.9	8.1	4.5	12.1	7.7	4.3	11.3	7.3	4.4		
		32	16	14.4	11.7	4.1	14.8	12.7	4.9	14.5	12.6	5.3	11.9	10.5	4.4	11.1	10.0	4.1	10.4	9.5	4.2		
			19	15.3	12.4	4.2	15.8	13.4	5.0	15.5	13.3	5.4	12.6	11.1	4.5	11.8	10.6	4.2	11.0	10.1	4.3		
			23	16.9	12.1	4.4	17.5	13.1	5.1	17.1	12.9	5.6	14.0	10.8	4.6	13.1	10.3	4.4	12.2	9.8	4.5		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD12NK3CO/GUHD12NK3C1O Indoor Unit:GFH12K3CI

AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
		-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
672	16	1.7	0.8	2.2	0.9	2.7	0.9	3.0	0.9	3.3	1.0	3.6	1.0	3.9	1.1	3.8	1.0	3.5	1.0	3.3	0.9	3.1	0.9		
	18	1.6	0.8	2.1	0.9	2.7	0.9	2.9	0.9	3.3	1.0	3.6	1.0	3.8	1.0	3.8	1.0	3.4	1.0	3.3	0.9	3.1	0.9		
	20	1.6	0.8	2.0	0.8	2.5	0.9	2.8	0.9	3.1	0.9	3.4	1.0	3.6	1.0	3.5	1.0	3.2	0.9	3.1	0.9	2.9	0.8		
	22	1.5	0.8	2.0	0.8	2.5	0.9	2.7	0.9	3.0	0.9	3.3	1.0	3.5	1.0	3.5	1.0	3.2	0.9	3.0	0.9	2.8	0.8		
	24	1.4	0.7	1.8	0.8	2.3	0.8	2.5	0.8	2.8	0.9	3.0	0.9	3.2	0.9	3.2	0.9	2.9	0.9	2.8	0.8	2.6	0.8		
	25	1.4	0.7	1.8	0.8	2.2	0.8	2.4	0.8	2.7	0.9	3.0	0.9	3.2	0.9	3.1	0.9	2.9	0.9	2.7	0.8	2.5	0.8		
	27	1.3	0.7	1.6	0.7	2.1	0.7	2.3	0.8	2.5	0.8	2.8	0.8	3.0	0.8	2.9	0.8	2.7	0.8	2.5	0.8	2.4	0.7		
756	16	1.7	0.8	2.2	0.9	2.8	0.9	3.0	0.9	3.4	1.0	3.7	1.0	4.0	1.0	3.9	1.0	3.6	1.0	3.4	0.9	3.2	0.9		
	18	1.7	0.8	2.2	0.8	2.7	0.9	3.0	0.9	3.3	1.0	3.6	1.0	3.9	1.0	3.8	1.0	3.5	1.0	3.3	0.9	3.1	0.9		
	20	1.6	0.8	2.1	0.8	2.6	0.9	2.8	0.9	3.2	0.9	3.5	1.0	3.7	1.0	3.7	1.0	3.4	0.9	3.2	0.9	3.0	0.8		
	22	1.6	0.8	2.0	0.8	2.5	0.8	2.8	0.9	3.1	0.9	3.4	0.9	3.6	1.0	3.6	1.0	3.3	0.9	3.1	0.9	2.9	0.8		
	24	1.4	0.7	1.8	0.8	2.3	0.8	2.5	0.8	2.8	0.9	3.1	0.9	3.3	0.9	3.3	0.9	3.0	0.9	2.8	0.8	2.7	0.8		
	25	1.4	0.7	1.8	0.7	2.3	0.8	2.5	0.8	2.8	0.9	3.0	0.9	3.2	0.9	3.2	0.9	2.9	0.9	2.8	0.8	2.6	0.8		
	27	1.3	0.7	1.7	0.7	2.1	0.7	2.3	0.7	2.6	0.8	2.8	0.8	3.0	0.8	3.0	0.8	2.7	0.8	2.6	0.7	2.4	0.7		
840	16	1.7	0.8	2.2	0.8	2.8	0.9	3.1	0.9	3.4	1.0	3.7	1.0	4.0	1.0	4.0	1.0	3.6	1.0	3.4	0.9	3.2	0.9		
	18	1.7	0.8	2.2	0.8	2.8	0.9	3.0	0.9	3.4	0.9	3.7	1.0	4.0	1.0	3.9	1.0	3.6	0.9	3.4	0.9	3.2	0.8		
	20	1.6	0.8	2.1	0.8	2.7	0.9	2.9	0.9	3.2	0.9	3.5	1.0	3.8	1.0	3.7	1.0	3.4	0.9	3.2	0.9	3.0	0.8		
	22	1.6	0.8	2.0	0.8	2.6	0.8	2.8	0.9	3.1	0.9	3.4	0.9	3.6	1.0	3.6	0.9	3.3	0.9	3.1	0.9	2.9	0.8		
	24	1.4	0.7	1.9	0.7	2.3	0.8	2.5	0.8	2.8	0.9	3.1	0.9	3.3	0.9	3.3	0.9	3.0	0.9	2.8	0.8	2.7	0.8		
	25	1.4	0.7	1.8	0.7	2.3	0.8	2.5	0.8	2.8	0.8	3.0	0.9	3.3	0.9	3.2	0.9	2.9	0.8	2.8	0.8	2.6	0.7		
	27	1.3	0.6	1.7	0.7	2.1	0.7	2.3	0.7	2.6	0.8	2.8	0.8	3.0	0.8	3.0	0.8	2.7	0.8	2.6	0.7	2.4	0.7		
924	16	1.8	0.8	2.3	0.8	2.8	0.9	3.1	0.9	3.5	0.9	3.8	1.0	4.1	1.0	4.0	1.0	3.7	0.9	3.5	0.9	3.3	0.8		
	18	1.7	0.8	2.2	0.8	2.8	0.9	3.0	0.9	3.4	0.9	3.7	1.0	4.0	1.0	3.9	1.0	3.6	0.9	3.4	0.9	3.2	0.8		
	20	1.7	0.8	2.2	0.8	2.7	0.8	3.0	0.9	3.3	0.9	3.6	0.9	3.9	1.0	3.8	1.0	3.5	0.9	3.3	0.9	3.1	0.8		
	22	1.6	0.7	2.0	0.8	2.6	0.8	2.8	0.8	3.1	0.9	3.4	0.9	3.7	0.9	3.6	0.9	3.3	0.9	3.1	0.8	2.9	0.8		
	24	1.5	0.7	1.9	0.7	2.4	0.8	2.6	0.8	2.9	0.8	3.1	0.9	3.4	0.9	3.3	0.9	3.0	0.8	2.9	0.8	2.7	0.7		
	25	1.4	0.7	1.8	0.7	2.3	0.8	2.5	0.8	2.8	0.8	3.1	0.8	3.3	0.9	3.2	0.8	3.0	0.8	2.8	0.8	2.6	0.7		
	27	1.3	0.6	1.7	0.6	2.1	0.7	2.3	0.7	2.6	0.7	2.8	0.8	3.1	0.8	3.0	0.8	2.8	0.7	2.6	0.7	2.4	0.7		
1008	16	1.8	0.8	2.3	0.8	2.9	0.9	3.1	0.9	3.5	0.9	3.8	1.0	4.1	1.0	4.0	1.0	3.7	0.9	3.5	0.9	3.3	0.8		
	18	1.7	0.8	2.2	0.8	2.8	0.8	3.1	0.9	3.4	0.9	3.7	0.9	4.0	1.0	4.0	1.0	3.6	0.9	3.4	0.9	3.2	0.8		
	20	1.7	0.8	2.2	0.8	2.8	0.8	3.0	0.9	3.4	0.9	3.7	0.9	4.0	1.0	3.9	0.9	3.6	0.9	3.4	0.9	3.2	0.8		
	22	1.6	0.7	2.1	0.8	2.6	0.8	2.8	0.8	3.2	0.9	3.5	0.9	3.7	0.9	3.7	0.9	3.3	0.9	3.2	0.8	3.0	0.8		
	24	1.5	0.7	1.9	0.7	2.4	0.8	2.6	0.8	2.9	0.8	3.2	0.8	3.4	0.9	3.3	0.9	3.1	0.8	2.9	0.8	2.7	0.7		
	25	1.4	0.7	1.8	0.7	2.3	0.7	2.5	0.8	2.8	0.8	3.1	0.8	3.3	0.8	3.3	0.8	3.0	0.8	2.8	0.8	2.7	0.7		
	27	1.3	0.6	1.7	0.6	2.2	0.7	2.3	0.7	2.6	0.7	2.9	0.7	3.1	0.8	3.0	0.8	2.8	0.7	2.6	0.7	2.5	0.6		

Outdoor Unit:GUHD18NK3CO/GUHD18NK3C1O Indoor Unit:GFH18K3CI

AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
		-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
800	16	2.7	1.5	3.5	1.5	4.4	1.6	4.8	1.7	5.4	1.7	5.9	1.8	6.3	1.8	6.2	1.8	5.7	1.7	5.4	1.7	5.0	1.6		
	18	2.7	1.4	3.4	1.5	4.3	1.6	4.7	1.6	5.3	1.7	5.8	1.8	6.2	1.8	6.1	1.8	5.6	1.7	5.3	1.6	5.0	1.5		
	20	2.5	1.4	3.2	1.4	4.1	1.5	4.5	1.6	5.0	1.6	5.4	1.7	5.8	1.7	5.7	1.7	5.3	1.6	5.0	1.6	4.7	1.5		
	22	2.5	1.4	3.2	1.4	4.0	1.5	4.4	1.5	4.9	1.6	5.3	1.7	5.7	1.7	5.6	1.7	5.2	1.6	4.9	1.5	4.6	1.5		
	24	2.3	1.3	2.9	1.4	3.7	1.4	4.0	1.5	4.5	1.5	4.9	1.6	5.3	1.6	5.2	1.6	4.7	1.5	4.5	1.5	4.2	1.4		
	25	2.2	1.3	2.9	1.3	3.6	1.4	3.9	1.4	4.4	1.5	4.8	1.6	5.1	1.6	5.1	1.6	4.6	1.5	4.4	1.4	4.1	1.4		
	27	2.1	1.2	2.7	1.2	3.4	1.3	3.7	1.3	4.1	1.4	4.5	1.4	4.8	1.5	4.7	1.4	4.3	1.4	4.1	1.3	3.8	1.2		
900	16	2.8	1.4	3.6	1.5	4.5	1.6	4.9	1.6	5.5	1.7	6.0	1.8	6.4	1.8	6.3	1.8	5.8	1.7	5.5	1.6	5.2	1.5		
	18	2.7	1.4	3.5	1.5	4.4	1.6	4.8	1.6	5.4	1.7	5.9	1.7	6.3	1.8	6.2	1.8	5.7	1.7	5.4	1.6	5.1	1.5		
	20	2.6	1.4	3.4	1.4	4.2	1.5	4.6	1.5	5.1	1.6	5.6	1.7	6.0	1.7	5.9	1.7	5.4	1.6	5.1	1.5	4.8	1.5		
	22	2.5	1.3	3.3	1.4	4.1	1.5	4.5	1.5	5.0	1.6	5.4	1.6	5.8	1.7	5.7	1.7	5.3	1.6	5.0	1.5	4.7	1.4		
	24	2.3	1.3	3.0	1.3	3.8	1.4	4.1	1.4	4.6	1.5	5.0	1.6	5.4	1.6	5.3	1.6	4.8	1.5	4.6	1.4	4.3	1.4		
	25	2.3	1.2	2.9	1.3	3.7	1.4	4.0	1.4	4.5	1.5	4.9	1.5	5.2	1.6	5.2	1.5	4.7	1.5	4.5	1.4	4.2	1.3		
	27	2.1	1.1	2.7	1.2	3.4	1.3	3.7	1.3	4.1	1.4	4.5	1.4	4.9	1.4	4.8	1.4	4.4	1.4	4.1	1.3	3.9	1.2		
1000	16	2.8	1.4	3.6	1.5	4.6	1.6	5.0	1.6	5.5	1.7	6.1	1.7	6.5	1.8	6.4	1.8	5.9	1.7	5.5	1.6	5.2	1.5		
	18	2.8	1.4	3.6	1.4	4.5	1.5	4.9	1.6	5.4	1.6	5.9	1.7	6.4	1.7	6.3	1.7	5.8	1.6	5.4	1.6	5.1	1.5		
	20	2.6	1.4	3.4	1.4	4.3	1.5	4.7	1.5	5.2	1.6	5.7	1.7	6.2	1.7	6.0	1.7	5.5	1.6	5.2	1.5	4.9	1.4		
	22	2.5	1.3	3.3	1.4	4.1	1.5	4.5	1.5	5.0	1.6	5.5	1.6	5.9	1.7	5.8	1.6	5.3	1.6	5.0	1.5	4.7	1.4		
	24	2.3	1.3	3.0	1.3	3.8	1.4	4.1	1.4	4.6	1.5	5.0	1.5	5.4	1.6	5.3	1.5	4.9	1.5	4.6	1.4	4.3	1.3		
	25	2.3	1.2	2.9	1.3	3.7	1.3	4.0	1.4	4.5	1.5	4.9	1.5	5.3	1.5	5.2	1.5	4.8	1.5	4.5	1.4	4.2	1.3		
	27	2.1	1.1	2.7	1.2	3.4	1.2	3.7	1.3	4.2	1.3	4.6	1.4	4.9	1.4	4.8	1.4	4.4	1.3	4.2	1.3	3.9	1.2		
1100	16	2.8	1.4	3.7	1.4	4.6	1.5	5.0	1.6	5.6	1.6	6.1	1.7	6.6	1.7	6.5	1.7	5.9	1.6	5.6	1.6	5.3	1.5		
	18	2.8	1.4	3.6	1.4	4.5	1.5	4.9	1.5	5.5	1.6	6.0	1.7	6.5	1.7	6.4	1.7	5.8	1.6	5.5	1.5	5.2	1.4		
	20	2.7	1.3	3.5	1.4	4.4	1.5	4.8	1.5	5.3	1.6	5.8	1.6	6.3	1.7	6.2	1.7	5.6	1.6	5.3	1.5	5.0	1.4		
	22	2.6	1.3	3.3	1.4	4.2	1.4	4.5	1.5	5.1	1.6	5.5	1.6	6.0	1.6	5.9	1.6	5.4	1.6	5.1	1.5	4.8	1.4		
	24	2.3	1.2	3.0	1.3	3.8	1.3	4.2	1.4	4.6	1.5	5.1	1.5	5.5	1.5	5.4	1.5	4.9	1.5	4.6	1.4	4.4	1.3		
	25	2.3	1.2	3.0	1.2	3.7	1.3	4.1	1.3	4.5	1.4	5.0	1.5	5.3	1.5	5.2	1.5	4.8	1.4	4.5	1.3	4.3	1.3		
	27	2.1	1.1	2.8	1.1	3.5	1.2	3.8	1.2	4.2	1.3	4.6	1.3	5.0	1.4	4.9	1.3	4.5	1.3	4.2	1.2	4.0	1.2		
1200	16	2.9	1.4	3.7	1.4	4.7	1.5	5.1	1.5	5.7	1.6	6.2	1.7	6.7	1.7	6.5	1.7	6.0	1.6	5.7	1.5	5.3	1.5		
	18	2.8	1.3	3.6	1.4	4.6	1.5	5.0	1.5	5.5	1.6	6.1	1.6	6.5	1.7	6.4	1.7	5.9	1.6	5.5	1.5	5.2	1.4		
	20	2.8	1.3	3.6	1.4	4.5	1.5	4.9	1.5	5.4	1.6	5.9	1.6	6.4	1.7	6.3	1.6	5.8	1.6	5.4	1.5	5.1	1.4		
	22	2.6	1.3	3.3	1.3	4.2	1.4	4.6	1.4	5.1	1.5	5.6	1.6	6.0	1.6	5.9	1.6	5.4	1.5	5.1	1.4	4.8	1.4		
	24	2.4	1.2	3.1	1.2	3.9	1.3	4.2	1.3	4.7	1.4	5.1	1.5	5.5	1.5	5.4	1.5	5.0	1.4	4.7	1.3	4.4	1.3		
	25	2.3	1.2	3.0	1.2	3.8	1.3	4.1	1.3	4.6	1.4	5.0	1.5	5.4	1.5	5.3	1.5	4.8	1.4	4.6	1.3	4.3	1.3		
	27	2.1	1.1	2.8	1.1	3.5	1.2	3.8	1.2	4.2	1.3	4.6	1.3	5.0	1.3	4.9	1.3	4.5	1.3	4.2	1.2	4.0	1.1		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD18NK3CO/GUHD18NK3C1O Indoor Unit:GFH24K3CI

AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
		-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
1200	16	3.9	2.1	5.0	2.2	6.3	2.3	6.9	2.4	7.7	2.5	8.4	2.6	9.0	2.6	8.9	2.6	8.1	2.5	7.7	2.4	7.2	2.2		
	18	3.8	2.1	4.9	2.1	6.2	2.3	6.8	2.3	7.5	2.4	8.2	2.5	8.9	2.6	8.7	2.6	8.0	2.4	7.5	2.3	7.1	2.2		
	20	3.6	2.0	4.6	2.1	5.9	2.2	6.4	2.2	7.1	2.4	7.8	2.4	8.4	2.5	8.2	2.5	7.5	2.4	7.1	2.2	6.7	2.1		
	22	3.5	2.0	4.6	2.0	5.7	2.2	6.2	2.2	7.0	2.3	7.6	2.4	8.2	2.5	8.1	2.4	7.4	2.3	7.0	2.2	6.6	2.1		
	24	3.2	1.9	4.2	1.9	5.3	2.1	5.7	2.1	6.4	2.2	7.0	2.3	7.5	2.3	7.4	2.3	6.8	2.2	6.4	2.1	6.0	2.0		
	25	3.2	1.8	4.1	1.9	5.1	2.0	5.6	2.1	6.3	2.2	6.8	2.2	7.4	2.3	7.2	2.3	6.6	2.2	6.3	2.1	5.9	1.9		
	27	2.9	1.7	3.8	1.7	4.8	1.8	5.2	1.9	5.8	2.0	6.4	2.0	6.9	2.1	6.7	2.1	6.2	2.0	5.8	1.9	5.5	1.8		
1350	16	4.0	2.1	5.1	2.1	6.5	2.3	7.0	2.3	7.8	2.4	8.6	2.5	9.2	2.6	9.1	2.6	8.3	2.4	7.8	2.3	7.4	2.2		
	18	3.9	2.0	5.0	2.1	6.3	2.2	6.9	2.3	7.7	2.4	8.4	2.5	9.1	2.5	8.9	2.5	8.1	2.4	7.7	2.3	7.2	2.1		
	20	3.7	2.0	4.8	2.0	6.0	2.2	6.6	2.2	7.3	2.3	8.0	2.4	8.6	2.5	8.5	2.4	7.8	2.3	7.3	2.2	6.9	2.1		
	22	3.6	1.9	4.7	2.0	5.9	2.1	6.4	2.2	7.1	2.3	7.8	2.4	8.4	2.4	8.2	2.4	7.5	2.3	7.1	2.2	6.7	2.0		
	24	3.3	1.8	4.3	1.9	5.4	2.0	5.8	2.1	6.5	2.2	7.1	2.2	7.7	2.3	7.5	2.3	6.9	2.2	6.5	2.1	6.1	1.9		
	25	3.2	1.8	4.2	1.9	5.3	2.0	5.7	2.0	6.4	2.1	7.0	2.2	7.5	2.2	7.4	2.2	6.8	2.1	6.4	2.0	6.0	1.9		
	27	3.0	1.6	3.9	1.7	4.9	1.8	5.3	1.8	5.9	1.9	6.5	2.0	7.0	2.0	6.9	2.0	6.3	1.9	5.9	1.8	5.6	1.7		
1500	16	4.0	2.0	5.2	2.1	6.5	2.2	7.1	2.3	7.9	2.4	8.7	2.5	9.3	2.5	9.2	2.5	8.4	2.4	7.9	2.3	7.5	2.1		
	18	3.9	2.0	5.1	2.1	6.4	2.2	7.0	2.2	7.8	2.4	8.5	2.4	9.2	2.5	9.0	2.5	8.2	2.4	7.8	2.2	7.3	2.1		
	20	3.8	1.9	4.9	2.0	6.2	2.1	6.7	2.2	7.5	2.3	8.2	2.4	8.8	2.4	8.7	2.4	7.9	2.3	7.5	2.2	7.0	2.1		
	22	3.6	1.9	4.7	2.0	5.9	2.1	6.4	2.1	7.2	2.3	7.9	2.3	8.4	2.4	8.3	2.4	7.6	2.3	7.2	2.1	6.8	2.0		
	24	3.3	1.8	4.3	1.9	5.4	2.0	5.9	2.0	6.6	2.1	7.2	2.2	7.7	2.2	7.6	2.2	7.0	2.1	6.6	2.0	6.2	1.9		
	25	3.3	1.7	4.2	1.8	5.3	1.9	5.8	2.0	6.4	2.1	7.0	2.1	7.6	2.2	7.4	2.2	6.8	2.1	6.4	2.0	6.1	1.9		
	27	3.0	1.6	3.9	1.7	4.9	1.8	5.4	1.8	6.0	1.9	6.5	2.0	7.0	2.0	6.9	2.0	6.3	1.9	6.0	1.8	5.6	1.7		
1650	16	4.1	2.0	5.2	2.1	6.6	2.2	7.2	2.2	8.0	2.4	8.8	2.4	9.4	2.5	9.3	2.5	8.5	2.4	8.0	2.2	7.5	2.1		
	18	4.0	1.9	5.1	2.0	6.5	2.1	7.0	2.2	7.9	2.3	8.6	2.4	9.2	2.4	9.1	2.4	8.3	2.3	7.9	2.2	7.4	2.1		
	20	3.9	1.9	5.0	2.0	6.3	2.1	6.8	2.2	7.6	2.3	8.3	2.4	9.0	2.4	8.8	2.4	8.1	2.3	7.6	2.2	7.2	2.0		
	22	3.7	1.9	4.7	1.9	6.0	2.1	6.5	2.1	7.2	2.2	7.9	2.3	8.5	2.3	8.4	2.3	7.7	2.2	7.2	2.1	6.8	2.0		
	24	3.4	1.8	4.3	1.8	5.5	1.9	6.0	2.0	6.6	2.1	7.3	2.1	7.8	2.2	7.7	2.2	7.0	2.1	6.6	2.0	6.2	1.9		
	25	3.3	1.7	4.2	1.8	5.3	1.9	5.8	1.9	6.5	2.0	7.1	2.1	7.6	2.1	7.5	2.1	6.9	2.0	6.5	1.9	6.1	1.8		
	27	3.0	1.6	3.9	1.6	5.0	1.7	5.4	1.8	6.0	1.9	6.6	1.9	7.1	1.9	7.0	1.9	6.4	1.9	6.0	1.8	5.7	1.7		
1800	16	4.1	2.0	5.3	2.0	6.7	2.2	7.3	2.2	8.1	2.3	8.9	2.4	9.5	2.5	9.4	2.4	8.6	2.3	8.1	2.2	7.6	2.1		
	18	4.0	1.9	5.2	2.0	6.5	2.1	7.1	2.2	7.9	2.3	8.7	2.4	9.3	2.4	9.2	2.4	8.4	2.3	7.9	2.2	7.5	2.0		
	20	3.9	1.9	5.1	2.0	6.4	2.1	7.0	2.1	7.8	2.3	8.5	2.3	9.2	2.4	9.0	2.4	8.2	2.3	7.8	2.1	7.3	2.0		
	22	3.7	1.8	4.8	1.9	6.0	2.0	6.6	2.1	7.3	2.2	8.0	2.2	8.6	2.3	8.5	2.3	7.7	2.2	7.3	2.1	6.9	1.9		
	24	3.4	1.7	4.4	1.8	5.5	1.9	6.0	1.9	6.7	2.0	7.3	2.1	7.9	2.1	7.7	2.1	7.1	2.0	6.7	1.9	6.3	1.8		
	25	3.3	1.7	4.3	1.8	5.4	1.9	5.9	1.9	6.5	2.0	7.1	2.1	7.7	2.1	7.6	2.1	6.9	2.0	6.5	1.9	6.2	1.8		
	27	3.1	1.5	4.0	1.6	5.0	1.7	5.4	1.7	6.1	1.8	6.6	1.9	7.1	1.9	7.0	1.9	6.4	1.8	6.1	1.7	5.7	1.6		

Outdoor Unit:GUHD30NK3CO/GUHD30NK3C1O Indoor Unit:GFH30K3CI

AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
		-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
1200	16	3.9	2.1	5.0	2.2	6.3	2.3	6.9	2.4	7.7	2.5	8.4	2.6	9.0	2.6	8.9	2.6	8.1	2.5	7.7	2.4	7.2	2.2		
	18	3.8	2.1	4.9	2.1	6.2	2.3	6.8	2.3	7.5	2.4	8.2	2.5	8.9	2.6	8.7	2.6	8.0	2.4	7.5	2.3	7.1	2.2		
	20	3.6	2.0	4.6	2.1	5.9	2.2	6.4	2.2	7.1	2.4	7.8	2.4	8.4	2.5	8.2	2.5	7.5	2.4	7.1	2.2	6.7	2.1		
	22	3.5	2.0	4.6	2.0	5.7	2.2	6.2	2.2	7.0	2.3	7.6	2.4	8.2	2.5	8.1	2.4	7.4	2.3	7.0	2.2	6.6	2.1		
	24	3.2	1.9	4.2	1.9	5.3	2.1	5.7	2.1	6.4	2.2	7.0	2.3	7.5	2.3	7.4	2.3	6.8	2.2	6.4	2.1	6.0	2.0		
	25	3.2	1.8	4.1	1.9	5.1	2.0	5.6	2.1	6.3	2.2	6.8	2.2	7.4	2.3	7.2	2.3	6.6	2.2	6.3	2.1	5.9	1.9		
	27	2.9	1.7	3.8	1.7	4.8	1.8	5.2	1.9	5.8	2.0	6.4	2.0	6.9	2.1	6.7	2.1	6.2	2.0	5.8	1.9	5.5	1.8		
1350	16	4.0	2.1	5.1	2.1	6.5	2.3	7.0	2.3	7.8	2.4	8.6	2.5	9.2	2.6	9.1	2.6	8.3	2.4	7.8	2.3	7.4	2.2		
	18	3.9	2.0	5.0	2.1	6.3	2.2	6.9	2.3	7.7	2.4	8.4	2.5	9.1	2.5	8.9	2.5	8.1	2.4	7.7	2.3	7.2	2.1		
	20	3.7	2.0	4.8	2.0	6.0	2.2	6.6	2.2	7.3	2.3	8.0	2.4	8.6	2.5	8.5	2.4	7.8	2.3	7.3	2.2	6.9	2.1		
	22	3.6	1.9	4.7	2.0	5.9	2.1	6.4	2.2	7.1	2.3	7.8	2.4	8.4	2.4	8.2	2.4	7.5	2.3	7.1	2.2	6.7	2.0		
	24	3.3	1.8	4.3	1.9	5.4	2.0	5.8	2.1	6.5	2.2	7.1	2.2	7.7	2.3	7.5	2.3	6.9	2.2	6.5	2.1	6.1	1.9		
	25	3.2	1.8	4.2	1.9	5.3	2.0	5.7	2.0	6.4	2.1	7.0	2.2	7.5	2.2	7.4	2.2	6.8	2.1	6.4	2.0	6.0	1.9		
	27	3.0	1.6	3.9	1.7	4.9	1.8	5.3	1.8	5.9	1.9	6.5	2.0	7.0	2.0	6.9	2.0	6.3	1.9	5.9	1.8	5.6	1.7		
1500	16	4.0	2.0	5.2	2.1	6.5	2.2	7.1	2.3	7.9	2.4	8.7	2.5	9.3	2.5	9.2	2.5	8.4	2.4	7.9	2.3	7.5	2.1		
	18	3.9	2.0	5.1	2.1	6.4	2.2	7.0	2.2	7.8	2.4	8.5	2.4	9.2	2.5	9.0	2.5	8.2	2.4	7.8	2.2	7.3	2.1		
	20	3.8	1.9	4.9	2.0	6.2	2.1	6.7	2.2	7.5	2.3	8.2	2.4	8.8	2.4	8.7	2.4	7.9	2.3	7.5	2.2	7.0	2.1		
	22	3.6	1.9	4.7	2.0	5.9	2.1	6.4	2.1	7.2	2.3	7.9	2.3	8.4	2.4	8.3	2.4	7.6	2.3	7.2	2.1	6.8	2.0		
	24	3.3	1.8	4.3	1.9	5.4	2.0	5.9	2.0	6.6	2.1	7.2	2.2	7.7	2.2	7.6	2.2	7.0	2.1	6.6	2.0	6.2	1.9		
	25	3.3	1.7	4.2	1.8	5.3	1.9	5.8	2.0	6.4	2.1	7.0	2.1	7.6	2.2	7.4	2.2	6.8	2.1	6.4	2.0	6.1	1.9		
	27	3.0	1.6	3.9	1.7	4.9	1.8	5.4	1.8	6.0	1.9	6.5	2.0	7.0	2.0	6.9	2.0	6.3	1.9	6.0	1.8	5.6	1.7		
1650	16	4.1	2.0	5.2	2.1	6.6	2.2	7.2	2.2	8.0	2.4	8.8	2.4	9.4	2.5	9.3	2.5	8.5	2.4	8.0	2.2	7.5	2.1		
	18	4.0	1.9	5.1	2.0	6.5	2.1	7.0	2.2	7.9	2.3	8.6	2.4	9.2	2.4	9.1	2.4	8.3	2.3	7.9	2.2	7.4	2.1		
	20	3.9	1.9	5.0	2.0	6.3	2.1	6.8	2.2	7.6	2.3	8.3	2.4	9.0	2.4	8.8	2.4	8.1	2.3	7.6	2.2	7.2	2.0		
	22	3.7	1.9	4.7	1.9	6.0	2.1	6.5	2.1	7.2	2.2	7.9	2.3	8.5	2.3	8.4	2.3	7.7	2.2	7.2	2.1	6.8	2.0		
	24	3.4	1.8	4.3	1.8	5.5	1.9	6.0	2.0	6.6	2.1	7.3	2.1	7.8	2.2	7.7	2.2	7.0	2.1	6.6	2.0	6.2	1.9		
	25	3.3	1.7	4.2	1.8	5.3	1.9	5.8	1.9	6.5	2.0	7.1	2.1	7.6	2.1	7.5	2.1	6.9	2.0	6.5	1.9	6.1	1.8		
	27	3.0	1.6	3.9	1.6	5.0	1.7	5.4	1.8	6.0	1.9	6.6	1.9	7.1	1.9	7.0	1.9	6.4	1.9	6.0	1.8	5.7	1.7		
1800	16	4.1	2.0	5.3	2.0	6.7	2.2	7.3	2.2	8.1	2.3	8.9	2.4	9.5	2.5	9.4	2.4	8.6	2.3	8.1	2.2	7.6	2.1		
	18	4.0	1.9	5.2	2.0	6.5	2.1	7.1	2.2	7.9	2.3	8.7	2.4	9.3	2.4	9.2	2.4	8.4	2.3	7.9	2.2	7.5	2.0		
	20	3.9	1.9	5.1	2.0	6.4	2.1	7.0	2.1	7.8	2.3	8.5	2.3	9.2	2.4	9.0	2.4	8.2	2.3	7.8	2.1	7.3	2.0		
	22	3.7	1.8	4.8	1.9	6.0	2.0	6.6	2.1	7.3	2.2	8.0	2.2	8.6	2.3	8.5	2.3	7.7	2.2	7.3	2.1	6.9	1.9		
	24	3.4	1.7	4.4	1.8	5.5	1.9	6.0	1.9	6.7	2.0	7.3	2.1	7.9	2.1	7.7	2.1	7.1	2.0	6.7	1.9	6.3	1.8		
	25	3.3	1.7	4.3	1.8	5.4	1.9	5.9	1.9	6.5	2.0	7.1	2.1	7.7	2.1	7.6	2.1	6.9	2.0	6.5	1.9	6.2	1.8		
	27	3.1	1.5	4.0	1.6	5.0	1.7	5.4	1.7	6.1	1.8	6.6	1.9	7.1	1.9	7.0	1.9	6.4	1.8	6.1	1.7	5.7	1.6		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD36NK3CO/GUHD36NM3CO Indoor Unit:GFH36K3CI

AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
		-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
1840	16	5.1	2.8	6.6	2.9	8.3	3.0	9.0	3.1	10.0	3.3	11.0	3.4	11.8	3.4	11.6	3.4	10.6	3.3	10.0	3.1	9.4	2.9		
	18	5.0	2.7	6.4	2.8	8.1	3.0	8.8	3.0	9.8	3.2	10.8	3.3	11.6	3.4	11.4	3.3	10.4	3.2	9.8	3.0	9.3	2.9		
	20	4.7	2.6	6.1	2.7	7.6	2.9	8.3	2.9	9.3	3.1	10.2	3.2	10.9	3.2	10.7	3.2	9.8	3.1	9.3	2.9	8.7	2.8		
	22	4.6	2.6	6.0	2.7	7.5	2.8	8.2	2.9	9.1	3.1	10.0	3.1	10.7	3.2	10.5	3.2	9.6	3.1	9.1	2.9	8.6	2.7		
	24	4.2	2.4	5.5	2.5	6.9	2.7	7.5	2.7	8.4	2.9	9.1	3.0	9.8	3.0	9.7	3.0	8.8	2.9	8.4	2.7	7.9	2.6		
	25	4.1	2.4	5.3	2.5	6.7	2.6	7.3	2.7	8.2	2.8	8.9	2.9	9.6	3.0	9.5	3.0	8.7	2.8	8.2	2.7	7.7	2.5		
	27	3.9	2.2	5.0	2.3	6.3	2.4	6.8	2.5	7.6	2.6	8.3	2.7	9.0	2.7	8.8	2.7	8.1	2.6	7.6	2.5	7.2	2.3		
2070	16	5.2	2.7	6.7	2.8	8.4	3.0	9.2	3.0	10.3	3.2	11.2	3.3	12.1	3.4	11.9	3.3	10.9	3.2	10.3	3.0	9.6	2.9		
	18	5.1	2.6	6.6	2.7	8.3	2.9	9.0	3.0	10.1	3.1	11.0	3.2	11.8	3.3	11.6	3.3	10.7	3.1	10.1	3.0	9.5	2.8		
	20	4.8	2.6	6.3	2.7	7.9	2.8	8.6	2.9	9.6	3.1	10.5	3.1	11.3	3.2	11.1	3.2	10.1	3.1	9.6	2.9	9.0	2.7		
	22	4.7	2.5	6.1	2.6	7.7	2.8	8.3	2.8	9.3	3.0	10.2	3.1	10.9	3.1	10.7	3.1	9.8	3.0	9.3	2.8	8.7	2.7		
	24	4.3	2.4	5.6	2.5	7.0	2.6	7.6	2.7	8.5	2.8	9.3	2.9	10.0	3.0	9.9	3.0	9.0	2.8	8.5	2.7	8.0	2.5		
	25	4.2	2.3	5.5	2.4	6.9	2.6	7.5	2.6	8.3	2.8	9.1	2.9	9.8	2.9	9.6	2.9	8.8	2.8	8.3	2.6	7.8	2.5		
	27	3.9	2.1	5.1	2.2	6.4	2.3	7.0	2.4	7.8	2.5	8.5	2.6	9.1	2.7	9.0	2.6	8.2	2.5	7.8	2.4	7.3	2.3		
2300	16	5.2	2.6	6.8	2.7	8.5	2.9	9.3	3.0	10.4	3.1	11.3	3.2	12.2	3.3	12.0	3.3	11.0	3.1	10.4	3.0	9.8	2.8		
	18	5.1	2.6	6.6	2.7	8.4	2.9	9.1	2.9	10.2	3.1	11.1	3.2	12.0	3.2	11.8	3.2	10.8	3.1	10.2	2.9	9.6	2.8		
	20	4.9	2.5	6.4	2.6	8.1	2.8	8.8	2.9	9.8	3.0	10.7	3.1	11.5	3.2	11.3	3.1	10.4	3.0	9.8	2.9	9.2	2.7		
	22	4.7	2.5	6.1	2.6	7.7	2.7	8.4	2.8	9.4	3.0	10.3	3.1	11.0	3.1	10.9	3.1	9.9	3.0	9.4	2.8	8.8	2.6		
	24	4.4	2.3	5.6	2.4	7.1	2.6	7.7	2.6	8.6	2.8	9.4	2.9	10.1	2.9	9.9	2.9	9.1	2.8	8.6	2.6	8.1	2.5		
	25	4.3	2.3	5.5	2.4	6.9	2.5	7.5	2.6	8.4	2.7	9.2	2.8	9.9	2.9	9.7	2.8	8.9	2.7	8.4	2.6	7.9	2.4		
	27	4.0	2.1	5.1	2.2	6.4	2.3	7.0	2.3	7.8	2.5	8.6	2.6	9.2	2.6	9.0	2.6	8.3	2.5	7.8	2.3	7.4	2.2		
2530	16	5.3	2.6	6.8	2.7	8.6	2.9	9.4	2.9	10.5	3.1	11.5	3.2	12.3	3.2	12.1	3.2	11.1	3.1	10.5	2.9	9.9	2.8		
	18	5.2	2.5	6.7	2.6	8.5	2.8	9.2	2.9	10.3	3.0	11.2	3.1	12.1	3.2	11.9	3.1	10.9	3.0	10.3	2.9	9.7	2.7		
	20	5.0	2.5	6.5	2.6	8.2	2.8	8.9	2.8	10.0	3.0	10.9	3.1	11.7	3.1	11.5	3.1	10.6	3.0	10.0	2.8	9.4	2.7		
	22	4.8	2.4	6.2	2.5	7.8	2.7	8.5	2.7	9.5	2.9	10.4	3.0	11.1	3.1	11.0	3.0	10.0	2.9	9.5	2.7	8.9	2.6		
	24	4.4	2.3	5.7	2.4	7.1	2.5	7.8	2.6	8.7	2.7	9.5	2.8	10.2	2.9	10.0	2.8	9.2	2.7	8.7	2.6	8.2	2.4		
	25	4.3	2.2	5.5	2.3	7.0	2.5	7.6	2.5	8.5	2.7	9.3	2.7	10.0	2.8	9.8	2.8	9.0	2.7	8.5	2.5	8.0	2.4		
	27	4.0	2.0	5.2	2.1	6.5	2.2	7.1	2.3	7.9	2.4	8.6	2.5	9.3	2.6	9.1	2.5	8.3	2.4	7.9	2.3	7.4	2.2		
2760	16	5.3	2.6	6.9	2.7	8.7	2.8	9.5	2.9	10.6	3.0	11.6	3.1	12.4	3.2	12.2	3.2	11.2	3.0	10.6	2.9	10.0	2.7		
	18	5.2	2.5	6.8	2.6	8.5	2.8	9.3	2.8	10.4	3.0	11.3	3.1	12.2	3.1	12.0	3.1	11.0	3.0	10.4	2.8	9.8	2.7		
	20	5.1	2.5	6.6	2.6	8.4	2.7	9.1	2.8	10.2	3.0	11.1	3.1	12.0	3.1	11.8	3.1	10.8	3.0	10.2	2.8	9.6	2.6		
	22	4.8	2.4	6.3	2.5	7.9	2.6	8.6	2.7	9.6	2.8	10.5	2.9	11.2	3.0	11.1	3.0	10.1	2.8	9.6	2.7	9.0	2.5		
	24	4.4	2.2	5.7	2.3	7.2	2.5	7.8	2.5	8.7	2.7	9.6	2.7	10.3	2.8	10.1	2.8	9.3	2.7	8.7	2.5	8.2	2.4		
	25	4.3	2.2	5.6	2.3	7.0	2.4	7.7	2.5	8.5	2.6	9.3	2.7	10.0	2.8	9.9	2.7	9.0	2.6	8.5	2.5	8.0	2.4		
	27	4.0	2.0	5.2	2.1	6.5	2.2	7.1	2.2	7.9	2.4	8.7	2.4	9.3	2.5	9.2	2.5	8.4	2.4	7.9	2.2	7.5	2.1		

Outdoor Unit:GUHD36NK3C1O/GUHD36NM3C1O Indoor Unit:GFH36K3CI

AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
		-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
1840	16	4.9	2.6	6.3	2.7	7.9	2.9	8.6	3.0	9.6	3.1	10.5	3.2	11.3	3.3	11.1	3.3	10.2	3.1	9.6	3.0	9.0	2.8		
	18	4.8	2.6	6.2	2.7	7.8	2.8	8.4	2.9	9.4	3.1	10.3	3.2	11.1	3.2	10.9	3.2	10.0	3.1	9.4	2.9	8.9	2.7		
	20	4.5	2.5	5.8	2.6	7.3	2.7	8.0	2.8	8.9	3.0	9.7	3.0	10.5	3.1	10.3	3.1	9.4	3.0	8.9	2.8	8.4	2.6		
	22	4.4	2.5	5.7	2.6	7.2	2.7	7.8	2.8	8.7	2.9	9.5	3.0	10.2	3.1	10.1	3.0	9.2	2.9	8.7	2.8	8.2	2.6		
	24	4.0	2.3	5.2	2.4	6.6	2.6	7.2	2.6	8.0	2.8	8.7	2.9	9.4	2.9	9.2	2.9	8.5	2.8	8.0	2.6	7.5	2.5		
	25	4.0	2.3	5.1	2.4	6.4	2.5	7.0	2.6	7.8	2.7	8.6	2.8	9.2	2.9	9.0	2.8	8.3	2.7	7.8	2.6	7.4	2.4		
	27	3.7	2.1	4.8	2.2	6.0	2.3	6.5	2.3	7.3	2.5	8.0	2.6	8.6	2.6	8.4	2.6	7.7	2.5	7.3	2.3	6.9	2.2		
2070	16	5.0	2.6	6.4	2.7	8.1	2.8	8.8	2.9	9.8	3.1	10.7	3.2	11.5	3.2	11.3	3.2	10.4	3.1	9.8	2.9	9.2	2.7		
	18	4.9	2.5	6.3	2.6	7.9	2.8	8.6	2.9	9.6	3.0	10.5	3.1	11.3	3.2	11.1	3.1	10.2	3.0	9.6	2.9	9.1	2.7		
	20	4.6	2.5	6.0	2.6	7.5	2.7	8.2	2.8	9.2	2.9	10.0	3.0	10.8	3.1	10.6	3.0	9.7	2.9	9.2	2.8	8.6	2.6		
	22	4.5	2.4	5.8	2.5	7.3	2.7	8.0	2.7	8.9	2.9	9.7	3.0	10.5	3.0	10.3	3.0	9.4	2.9	8.9	2.7	8.4	2.6		
	24	4.1	2.3	5.3	2.4	6.7	2.5	7.3	2.6	8.2	2.7	8.9	2.8	9.6	2.9	9.4	2.8	8.6	2.7	8.2	2.6	7.7	2.4		
	25	4.0	2.2	5.2	2.3	6.6	2.5	7.1	2.5	8.0	2.7	8.7	2.7	9.4	2.8	9.2	2.8	8.4	2.7	8.0	2.5	7.5	2.4		
	27	3.8	2.0	4.9	2.1	6.1	2.2	6.7	2.3	7.4	2.4	8.1	2.5	8.7	2.6	8.6	2.5	7.9	2.4	7.4	2.3	7.0	2.2		
2300	16	5.0	2.5	6.5	2.6	8.2	2.8	8.9	2.9	9.9	3.0	10.8	3.1	11.7	3.2	11.5	3.1	10.5	3.0	9.9	2.9	9.3	2.7		
	18	4.9	2.5	6.4	2.6	8.0	2.7	8.7	2.8	9.7	3.0	10.6	3.0	11.4	3.1	11.2	3.1	10.3	3.0	9.7	2.8	9.2	2.6		
	20	4.7	2.4	6.1	2.5	7.7	2.7	8.4	2.7	9.4	2.9	10.2	3.0	11.0	3.0	10.8	3.0	9.9	2.9	9.4	2.7	8.8	2.6		
	22	4.5	2.4	5.9	2.5	7.4	2.6	8.0	2.7	9.0	2.8	9.8	2.9	10.6	3.0	10.4	3.0	9.5	2.8	9.0	2.7	8.4	2.5		
	24	4.2	2.2	5.4	2.3	6.8	2.5	7.4	2.5	8.2	2.7	9.0	2.7	9.7	2.8	9.5	2.8	8.7	2.7	8.2	2.5	7.7	2.4		
	25	4.1	2.2	5.3	2.3	6.6	2.4	7.2	2.5	8.0	2.6	8.8	2.7	9.5	2.7	9.3	2.7	8.5	2.6	8.0	2.5	7.6	2.3		
	27	3.8	2.0	4.9	2.1	6.2	2.2	6.7	2.2	7.5	2.4	8.2	2.4	8.8	2.5	8.7	2.5	7.9	2.4	7.5	2.2	7.0	2.1		
2530	16	5.1	2.5	6.6	2.6	8.2	2.7	9.0	2.8	10.0	3.0	11.0	3.0	11.8	3.1	11.6	3.1	10.6	3.0	10.0	2.8	9.4	2.6		
	18	5.0	2.4	6.4	2.5	8.1	2.7	8.8	2.7	9.8	2.9	10.7	3.0	11.6	3.0	11.4	3.0	10.4	2.9	9.8	2.7	9.2	2.6		
	20	4.8	2.4	6.2	2.5	7.9	2.7	8.5	2.7	9.5	2.9	10.4	3.0	11.2	3.0	11.0	3.0	10.1	2.9	9.5	2.7	9.0	2.6		
	22	4.6	2.3	5.9	2.4	7.5	2.6	8.1	2.6	9.1	2.8	9.9	2.9	10.7	2.9	10.5	2.9	9.6	2.8	9.1	2.6	8.5	2.5		
	24	4.2	2.2	5.4	2.3	6.8	2.4	7.4	2.5	8.3	2.6	9.1	2.7	9.8	2.7	9.6	2.7	8.8	2.6	8.3	2.5	7.8	2.3		
	25	4.1	2.1	5.3	2.2	6.7	2.4	7.3	2.4	8.1	2.6	8.9	2.6	9.5	2.7	9.4	2.7	8.6	2.6	8.1	2.4	7.6	2.3		
	27	3.8	2.0	4.9	2.0	6.2	2.2	6.8	2.2	7.5	2.3	8.2	2.4	8.9	2.4	8.7	2.4	8.0	2.3	7.5	2.2	7.1	2.1		
2760	16	5.1	2.5	6.6	2.6	8.3	2.7	9.1	2.8	10.1	2.9	11.1	3.0	11.9	3.1	11.7	3.0	10.7	2.9	10.1	2.8	9.5	2.6		
	18	5.0	2.4	6.5	2.5	8.2	2.7	8.9	2.7	9.9	2.9	10.9	3.0	11.7	3.0	11.5	3.0	10.5	2.9	9.9	2.7	9.3	2.6		
	20	4.9	2.4	6.4	2.5	8.0	2.6	8.7	2.7	9.7	2.8	10.6	2.9	11.4	3.0	11.2	3.0	10.3	2.8	9.7	2.7	9.2	2.5		
	22	4.6	2.3	6.0	2.4	7.5	2.5	8.2	2.6	9.1	2.7	10.0	2.8	10.8	2.9	10.6	2.8	9.7	2.7	9.1	2.6	8.6	2.4		
	24	4.2	2.1	5.5	2.2	6.9	2.4	7.5	2.4	8.4	2.6	9.1	2.6	9.8	2.7	9.7	2.7	8.9	2.6	8.4	2.4	7.9	2.3		
	25	4.1	2.1	5.3	2.2	6.7	2.3	7.3	2.4	8.2	2.5	8.9	2.6	9.6	2.7	9.4	2.6	8.6	2.5	8.2	2.4	7.7	2.3		
	27	3.8	1.9	5.0	2.0	6.2	2.1	6.8	2.1	7.6	2.3	8.3	2.3	8.9	2.4	8.8	2.4	8.0	2.3	7.6	2.1	7.1	2.0		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD42NK3CO/GUHD42NM3CO Indoor Unit:GFH42K3CI

AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
		-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
1840	16	5.5	3.0	7.1	3.1	9.0	3.3	9.8	3.4	10.9	3.6	11.9	3.7	12.8	3.7	12.6	3.7	11.5	3.6	10.9	3.4	10.3	3.2		
	18	5.4	2.9	7.0	3.0	8.8	3.2	9.6	3.3	10.7	3.5	11.7	3.6	12.6	3.7	12.4	3.6	11.3	3.5	10.7	3.3	10.1	3.1		
	20	5.1	2.8	6.6	2.9	8.3	3.1	9.0	3.2	10.1	3.4	11.0	3.5	11.9	3.5	11.7	3.5	10.7	3.4	10.1	3.2	9.5	3.0		
	22	5.0	2.8	6.5	2.9	8.1	3.1	8.9	3.1	9.9	3.3	10.8	3.4	11.6	3.5	11.4	3.5	10.5	3.3	9.9	3.1	9.3	3.0		
	24	4.6	2.7	5.9	2.8	7.5	2.9	8.1	3.0	9.1	3.2	9.9	3.3	10.7	3.3	10.5	3.3	9.6	3.2	9.1	3.0	8.6	2.8		
	25	4.5	2.6	5.8	2.7	7.3	2.9	8.0	2.9	8.9	3.1	9.7	3.2	10.5	3.2	10.3	3.2	9.4	3.1	8.9	2.9	8.4	2.8		
	27	4.2	2.4	5.4	2.5	6.8	2.6	7.4	2.7	8.3	2.8	9.1	2.9	9.7	3.0	9.6	2.9	8.8	2.8	8.3	2.7	7.8	2.5		
2070	16	5.6	2.9	7.3	3.0	9.2	3.2	10.0	3.3	11.1	3.5	12.2	3.6	13.1	3.7	12.9	3.6	11.8	3.5	11.1	3.3	10.5	3.1		
	18	5.5	2.9	7.2	3.0	9.0	3.2	9.8	3.2	10.9	3.4	12.0	3.5	12.9	3.6	12.6	3.6	11.6	3.4	10.9	3.2	10.3	3.1		
	20	5.3	2.8	6.8	2.9	8.6	3.1	9.3	3.1	10.4	3.3	11.4	3.4	12.3	3.5	12.0	3.5	11.0	3.3	10.4	3.1	9.8	3.0		
	22	5.1	2.7	6.6	2.8	8.3	3.0	9.1	3.1	10.1	3.3	11.1	3.4	11.9	3.4	11.7	3.4	10.7	3.3	10.1	3.1	9.5	2.9		
	24	4.7	2.6	6.1	2.7	7.6	2.9	8.3	2.9	9.3	3.1	10.1	3.2	10.9	3.2	10.7	3.2	9.8	3.1	9.3	2.9	8.7	2.8		
	25	4.6	2.5	5.9	2.6	7.5	2.8	8.1	2.9	9.1	3.0	9.9	3.1	10.7	3.2	10.5	3.1	9.6	3.0	9.1	2.9	8.5	2.7		
	27	4.3	2.3	5.5	2.4	6.9	2.6	7.6	2.6	8.4	2.8	9.2	2.8	9.9	2.9	9.8	2.9	8.9	2.8	8.4	2.6	7.9	2.5		
2300	16	5.7	2.9	7.4	3.0	9.3	3.2	10.1	3.2	11.3	3.4	12.3	3.5	13.3	3.6	13.0	3.6	11.9	3.4	11.3	3.2	10.6	3.1		
	18	5.6	2.8	7.2	2.9	9.1	3.1	9.9	3.2	11.1	3.4	12.1	3.5	13.0	3.5	12.8	3.5	11.7	3.4	11.1	3.2	10.4	3.0		
	20	5.4	2.8	7.0	2.9	8.8	3.0	9.5	3.1	10.6	3.3	11.6	3.4	12.5	3.5	12.3	3.4	11.3	3.3	10.6	3.1	10.0	2.9		
	22	5.2	2.7	6.7	2.8	8.4	3.0	9.1	3.1	10.2	3.2	11.2	3.3	12.0	3.4	11.8	3.4	10.8	3.2	10.2	3.1	9.6	2.9		
	24	4.7	2.5	6.1	2.6	7.7	2.8	8.4	2.9	9.4	3.0	10.2	3.1	11.0	3.2	10.8	3.2	9.9	3.0	9.4	2.9	8.8	2.7		
	25	4.6	2.5	6.0	2.6	7.5	2.7	8.2	2.8	9.1	3.0	10.0	3.1	10.8	3.1	10.6	3.1	9.7	3.0	9.1	2.8	8.6	2.6		
	27	4.3	2.3	5.6	2.4	7.0	2.5	7.6	2.6	8.5	2.7	9.3	2.8	10.0	2.8	9.8	2.8	9.0	2.7	8.5	2.6	8.0	2.4		
2530	16	5.8	2.8	7.4	2.9	9.4	3.1	10.2	3.2	11.4	3.4	12.5	3.5	13.4	3.5	13.2	3.5	12.0	3.4	11.4	3.2	10.7	3.0		
	18	5.6	2.8	7.3	2.9	9.2	3.0	10.0	3.1	11.2	3.3	12.2	3.4	13.1	3.5	12.9	3.4	11.8	3.3	11.2	3.1	10.5	2.9		
	20	5.5	2.7	7.1	2.8	8.9	3.0	9.7	3.1	10.8	3.3	11.9	3.4	12.8	3.4	12.5	3.4	11.5	3.3	10.8	3.1	10.2	2.9		
	22	5.2	2.7	6.7	2.8	8.5	2.9	9.2	3.0	10.3	3.2	11.3	3.3	12.1	3.3	11.9	3.3	10.9	3.2	10.3	3.0	9.7	2.8		
	24	4.8	2.5	6.2	2.6	7.8	2.7	8.5	2.8	9.4	3.0	10.3	3.1	11.1	3.1	10.9	3.1	10.0	3.0	9.4	2.8	8.9	2.6		
	25	4.7	2.4	6.0	2.5	7.6	2.7	8.3	2.7	9.2	2.9	10.1	3.0	10.8	3.0	10.7	3.0	9.8	2.9	9.2	2.7	8.7	2.6		
	27	4.3	2.2	5.6	2.3	7.1	2.4	7.7	2.5	8.6	2.6	9.4	2.7	10.1	2.8	9.9	2.7	9.1	2.6	8.6	2.5	8.1	2.4		
2760	16	5.8	2.8	7.5	2.9	9.5	3.1	10.3	3.1	11.5	3.3	12.6	3.4	13.5	3.5	13.3	3.5	12.2	3.3	11.5	3.1	10.8	3.0		
	18	5.7	2.7	7.4	2.8	9.3	3.0	10.1	3.1	11.3	3.3	12.3	3.4	13.3	3.4	13.0	3.4	11.9	3.3	11.3	3.1	10.6	2.9		
	20	5.6	2.7	7.2	2.8	9.1	3.0	9.9	3.1	11.1	3.2	12.1	3.3	13.0	3.4	12.8	3.4	11.7	3.2	11.1	3.1	10.4	2.9		
	22	5.3	2.6	6.8	2.7	8.6	2.9	9.3	2.9	10.4	3.1	11.4	3.2	12.2	3.3	12.0	3.2	11.0	3.1	10.4	2.9	9.8	2.8		
	24	4.8	2.4	6.2	2.5	7.8	2.7	8.5	2.7	9.5	2.9	10.4	3.0	11.2	3.1	11.0	3.0	10.1	2.9	9.5	2.7	8.9	2.6		
	25	4.7	2.4	6.1	2.5	7.6	2.7	8.3	2.7	9.3	2.9	10.2	3.0	10.9	3.0	10.7	3.0	9.8	2.9	9.3	2.7	8.7	2.6		
	27	4.4	2.2	5.6	2.3	7.1	2.4	7.7	2.4	8.6	2.6	9.4	2.7	10.1	2.7	10.0	2.7	9.1	2.6	8.6	2.4	8.1	2.3		

Outdoor Unit:GUHD42NK3C1O/GUHD42NM3C1O Indoor Unit:GFH42K3CI

AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
		-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
1840	16	5.5	3.0	7.1	3.1	9.0	3.3	9.8	3.4	10.9	3.6	11.9	3.7	12.8	3.7	12.6	3.7	11.5	3.6	10.9	3.4	10.3	3.2		
	18	5.4	2.9	7.0	3.0	8.8	3.2	9.6	3.3	10.7	3.5	11.7	3.6	12.6	3.7	12.4	3.6	11.3	3.5	10.7	3.3	10.1	3.1		
	20	5.1	2.8	6.6	2.9	8.3	3.1	9.0	3.2	10.1	3.4	11.0	3.5	11.9	3.5	11.7	3.5	10.7	3.4	10.1	3.2	9.5	3.0		
	22	5.0	2.8	6.5	2.9	8.1	3.1	8.9	3.1	9.9	3.3	10.8	3.4	11.6	3.5	11.4	3.5	10.5	3.3	9.9	3.1	9.3	3.0		
	24	4.6	2.7	5.9	2.8	7.5	2.9	8.1	3.0	9.1	3.2	9.9	3.3	10.7	3.3	10.5	3.3	9.6	3.2	9.1	3.0	8.6	2.8		
	25	4.5	2.6	5.8	2.7	7.3	2.9	8.0	2.9	8.9	3.1	9.7	3.2	10.5	3.2	10.3	3.2	9.4	3.1	8.9	2.9	8.4	2.8		
	27	4.2	2.4	5.4	2.5	6.8	2.6	7.4	2.7	8.3	2.8	9.1	2.9	9.7	3.0	9.6	2.9	8.8	2.8	8.3	2.7	7.8	2.5		
2070	16	5.6	2.9	7.3	3.0	9.2	3.2	10.0	3.3	11.1	3.5	12.2	3.6	13.1	3.7	12.9	3.6	11.8	3.5	11.1	3.3	10.5	3.1		
	18	5.5	2.9	7.2	3.0	9.0	3.2	9.8	3.2	10.9	3.4	12.0	3.5	12.9	3.6	12.6	3.6	11.6	3.4	10.9	3.2	10.3	3.1		
	20	5.3	2.8	6.8	2.9	8.6	3.1	9.3	3.1	10.4	3.3	11.4	3.4	12.3	3.5	12.0	3.5	11.0	3.3	10.4	3.1	9.8	3.0		
	22	5.1	2.7	6.6	2.8	8.3	3.0	9.1	3.1	10.1	3.3	11.1	3.4	11.9	3.4	11.7	3.4	10.7	3.3	10.1	3.1	9.5	2.9		
	24	4.7	2.6	6.1	2.7	7.6	2.9	8.3	2.9	9.3	3.1	10.1	3.2	10.9	3.2	10.7	3.2	9.8	3.1	9.3	2.9	8.7	2.8		
	25	4.6	2.5	5.9	2.6	7.5	2.8	8.1	2.9	9.1	3.0	9.9	3.1	10.7	3.2	10.5	3.1	9.6	3.0	9.1	2.9	8.5	2.7		
	27	4.3	2.3	5.5	2.4	6.9	2.6	7.6	2.6	8.4	2.8	9.2	2.8	9.9	2.9	9.8	2.9	8.9	2.8	8.4	2.6	7.9	2.5		
2300	16	5.7	2.9	7.4	3.0	9.3	3.2	10.1	3.2	11.3	3.4	12.3	3.5	13.3	3.6	13.0	3.6	11.9	3.4	11.3	3.2	10.6	3.1		
	18	5.6	2.8	7.2	2.9	9.1	3.1	9.9	3.2	11.1	3.4	12.1	3.5	13.0	3.5	12.8	3.5	11.7	3.4	11.1	3.2	10.4	3.0		
	20	5.4	2.8	7.0	2.9	8.8	3.0	9.5	3.1	10.6	3.3	11.6	3.4	12.5	3.5	12.3	3.4	11.3	3.3	10.6	3.1	10.0	2.9		
	22	5.2	2.7	6.7	2.8	8.4	3.0	9.1	3.1	10.2	3.2	11.2	3.3	12.0	3.4	11.8	3.4	10.8	3.2	10.2	3.1	9.6	2.9		
	24	4.7	2.5	6.1	2.6	7.7	2.8	8.4	2.9	9.4	3.0	10.2	3.1	11.0	3.2	10.8	3.2	9.9	3.0	9.4	2.9	8.8	2.7		
	25	4.6	2.5	6.0	2.6	7.5	2.7	8.2	2.8	9.1	3.0	10.0	3.1	10.8	3.1	10.6	3.1	9.7	3.0	9.1	2.8	8.6	2.6		
	27	4.3	2.3	5.6	2.4	7.0	2.5	7.6	2.6	8.5	2.7	9.3	2.8	10.0	2.8	9.8	2.8	9.0	2.7	8.5	2.6	8.0	2.4		
2530	16	5.8	2.8	7.4	2.9	9.4	3.1	10.2	3.2	11.4	3.4	12.5	3.5	13.4	3.5	13.2	3.5	12.0	3.4	11.4	3.2	10.7	3.0		
	18	5.6	2.8	7.3	2.9	9.2	3.0	10.0	3.1	11.2	3.3	12.2	3.4	13.1	3.5	12.9	3.4	11.8	3.3	11.2	3.1	10.5	2.9		
	20	5.5	2.7	7.1	2.8	8.9	3.0	9.7	3.1	10.8	3.3	11.9	3.4	12.8	3.4	12.5	3.4	11.5	3.3	10.8	3.1	10.2	2.9		
	22	5.2	2.7	6.7	2.8	8.5	2.9	9.2	3.0	10.3	3.2	11.3	3.3	12.1	3.3	11.9	3.3	10.9	3.2	10.3	3.0	9.7	2.8		
	24	4.8	2.5	6.2	2.6	7.8	2.7	8.5	2.8	9.4	3.0	10.3	3.1	11.1	3.1	10.9	3.1	10.0	3.0	9.4	2.8	8.9	2.6		
	25	4.7	2.4	6.0	2.5	7.6	2.7	8.3	2.7	9.2	2.9	10.1	3.0	10.8	3.0	10.7	3.0	9.8	2.9	9.2	2.7	8.7	2.6		
	27	4.3	2.2	5.6	2.3	7.1	2.4	7.7	2.5	8.6	2.6	9.4	2.7	10.1	2.8	9.9	2.7	9.1	2.6	8.6	2.5	8.1	2.4		
2760	16	5.8	2.8	7.5	2.9	9.5	3.1	10.3	3.1	11.5	3.3	12.6	3.4	13.5	3.5	13.3	3.5	12.2	3.3	11.5	3.1	10.8	3.0		
	18	5.7	2.7	7.4	2.8	9.3	3.0	10.1	3.1	11.3	3.3	12.3	3.4	13.3	3.4	13.0	3.4	11.9	3.3	11.3	3.1	10.6	2.9		
	20	5.6	2.7	7.2	2.8	9.1	3.0	9.9	3.1	11.1	3.2	12.1	3.3	13.0	3.4	12.8	3.4	11.7	3.2	11.1	3.1	10.4	2.9		
	22	5.3	2.6	6.8	2.7	8.6	2.9	9.3	2.9	10.4	3.1	11.4	3.2	12.2	3.3	12.0	3.2	11.0	3.1	10.4	2.9	9.8	2.8		
	24	4.8	2.4	6.2	2.5	7.8	2.7	8.5	2.7	9.5	2.9	10.4	3.0	11.2	3.1	11.0	3.0	10.1	2.9	9.5	2.7	8.9	2.6		
	25	4.7	2.4	6.1	2.5	7.6	2.7	8.3	2.7	9.3	2.9	10.2	3.0	10.9	3.0	10.7	3.0	9.8	2.9	9.3	2.7	8.7	2.6		
	27	4.4	2.2	5.6	2.3	7.1	2.4	7.7	2.4	8.6	2.6	9.4	2.7	10.1	2.7	10.0	2.7	9.1	2.6	8.6	2.4	8.1	2.3		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD48NK3CO/GUHD48NM3CO Indoor Unit:GFH48K3CI

AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
		-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
2000	16	7.3	3.9	9.4	4.0	11.9	4.3	12.9	4.4	14.4	4.6	15.7	4.8	16.9	4.9	16.6	4.8	15.2	4.6	14.4	4.4	13.5	4.1		
	18	7.1	3.8	9.2	4.0	11.6	4.2	12.7	4.3	14.1	4.5	15.5	4.7	16.6	4.8	16.3	4.7	15.0	4.5	14.1	4.3	13.3	4.1		
	20	6.7	3.7	8.7	3.8	11.0	4.0	11.9	4.1	13.3	4.4	14.6	4.5	15.7	4.6	15.4	4.5	14.1	4.4	13.3	4.1	12.5	3.9		
	22	6.6	3.6	8.5	3.8	10.8	4.0	11.7	4.1	13.1	4.3	14.3	4.5	15.4	4.5	15.1	4.5	13.8	4.3	13.1	4.1	12.3	3.9		
	24	6.1	3.5	7.8	3.6	9.9	3.8	10.7	3.9	12.0	4.1	13.1	4.2	14.1	4.3	13.9	4.3	12.7	4.1	12.0	3.9	11.3	3.7		
	25	5.9	3.4	7.7	3.5	9.7	3.7	10.5	3.8	11.7	4.0	12.8	4.1	13.8	4.2	13.6	4.2	12.4	4.0	11.7	3.8	11.0	3.6		
	27	5.5	3.1	7.1	3.2	9.0	3.4	9.8	3.5	10.9	3.7	12.0	3.8	12.9	3.9	12.6	3.8	11.6	3.7	10.9	3.5	10.3	3.3		
2250	16	7.4	3.8	9.6	4.0	12.1	4.2	13.2	4.3	14.7	4.5	16.1	4.7	17.3	4.8	17.0	4.7	15.6	4.5	14.7	4.3	13.8	4.1		
	18	7.3	3.7	9.4	3.9	11.9	4.1	12.9	4.2	14.4	4.4	15.8	4.6	17.0	4.7	16.7	4.6	15.3	4.4	14.4	4.2	13.6	4.0		
	20	7.0	3.6	9.0	3.8	11.3	4.0	12.3	4.1	13.7	4.3	15.0	4.5	16.2	4.5	15.9	4.5	14.6	4.3	13.7	4.1	12.9	3.9		
	22	6.7	3.6	8.7	3.7	11.0	3.9	12.0	4.0	13.3	4.2	14.6	4.4	15.7	4.5	15.4	4.4	14.1	4.2	13.3	4.0	12.5	3.8		
	24	6.2	3.4	8.0	3.5	10.1	3.7	11.0	3.8	12.2	4.0	13.4	4.1	14.4	4.2	14.1	4.2	13.0	4.0	12.2	3.8	11.5	3.6		
	25	6.0	3.3	7.8	3.4	9.8	3.6	10.7	3.7	12.0	3.9	13.1	4.1	14.1	4.1	13.8	4.1	12.7	3.9	12.0	3.7	11.3	3.5		
	27	5.6	3.0	7.3	3.1	9.2	3.3	10.0	3.4	11.1	3.6	12.2	3.7	13.1	3.8	12.9	3.7	11.8	3.6	11.1	3.4	10.5	3.2		
2500	16	7.5	3.7	9.7	3.9	12.2	4.1	13.3	4.2	14.9	4.4	16.3	4.6	17.5	4.7	17.2	4.6	15.7	4.4	14.9	4.2	14.0	4.0		
	18	7.4	3.7	9.5	3.8	12.0	4.0	13.1	4.1	14.6	4.4	16.0	4.5	17.2	4.6	16.9	4.5	15.4	4.4	14.6	4.1	13.7	3.9		
	20	7.1	3.6	9.2	3.7	11.6	4.0	12.6	4.1	14.0	4.3	15.3	4.4	16.5	4.5	16.2	4.5	14.9	4.3	14.0	4.1	13.2	3.8		
	22	6.8	3.5	8.8	3.7	11.1	3.9	12.1	4.0	13.5	4.2	14.7	4.3	15.8	4.4	15.6	4.4	14.3	4.2	13.5	4.0	12.7	3.7		
	24	6.2	3.3	8.1	3.4	10.2	3.6	11.1	3.7	12.3	3.9	13.5	4.1	14.5	4.1	14.3	4.1	13.1	3.9	12.3	3.7	11.6	3.5		
	25	6.1	3.2	7.9	3.4	9.9	3.6	10.8	3.6	12.1	3.8	13.2	4.0	14.2	4.1	13.9	4.0	12.8	3.8	12.1	3.6	11.4	3.4		
	27	5.7	3.0	7.3	3.1	9.2	3.2	10.1	3.3	11.2	3.5	12.3	3.6	13.2	3.7	13.0	3.7	11.9	3.5	11.2	3.3	10.6	3.1		
2750	16	7.6	3.7	9.8	3.8	12.4	4.0	13.5	4.1	15.0	4.4	16.4	4.5	17.7	4.6	17.4	4.5	15.9	4.4	15.0	4.1	14.1	3.9		
	18	7.5	3.6	9.6	3.7	12.1	4.0	13.2	4.0	14.7	4.3	16.1	4.4	17.3	4.5	17.0	4.5	15.6	4.3	14.7	4.0	13.9	3.8		
	20	7.2	3.6	9.4	3.7	11.8	3.9	12.8	4.0	14.3	4.2	15.7	4.4	16.8	4.5	16.5	4.4	15.1	4.2	14.3	4.0	13.5	3.8		
	22	6.9	3.5	8.9	3.6	11.2	3.8	12.2	3.9	13.6	4.1	14.9	4.2	16.0	4.3	15.7	4.3	14.4	4.1	13.6	3.9	12.8	3.7		
	24	6.3	3.2	8.1	3.4	10.2	3.6	11.2	3.6	12.4	3.9	13.6	4.0	14.6	4.1	14.4	4.0	13.2	3.9	12.4	3.6	11.7	3.4		
	25	6.2	3.2	8.0	3.3	10.0	3.5	10.9	3.6	12.2	3.8	13.3	3.9	14.3	4.0	14.1	3.9	12.9	3.8	12.2	3.6	11.4	3.4		
	27	5.7	2.9	7.4	3.0	9.3	3.2	10.1	3.2	11.3	3.4	12.4	3.5	13.3	3.6	13.1	3.6	12.0	3.4	11.3	3.2	10.6	3.1		
3000	16	7.7	3.6	9.9	3.8	12.5	4.0	13.6	4.1	15.2	4.3	16.6	4.5	17.8	4.5	17.5	4.5	16.1	4.3	15.2	4.1	14.3	3.9		
	18	7.5	3.6	9.7	3.7	12.3	3.9	13.3	4.0	14.9	4.2	16.3	4.4	17.5	4.5	17.2	4.4	15.8	4.2	14.9	4.0	14.0	3.8		
	20	7.4	3.5	9.5	3.7	12.0	3.9	13.1	4.0	14.6	4.2	16.0	4.3	17.2	4.4	16.9	4.4	15.4	4.2	14.6	4.0	13.7	3.7		
	22	6.9	3.4	9.0	3.5	11.3	3.7	12.3	3.8	13.7	4.0	15.0	4.1	16.1	4.2	15.9	4.2	14.5	4.0	13.7	3.8	12.9	3.6		
	24	6.3	3.2	8.2	3.3	10.3	3.5	11.2	3.6	12.5	3.8	13.7	3.9	14.8	4.0	14.5	3.9	13.3	3.8	12.5	3.6	11.8	3.4		
	25	6.2	3.1	8.0	3.3	10.1	3.5	11.0	3.5	12.3	3.7	13.4	3.8	14.4	3.9	14.2	3.9	13.0	3.7	12.3	3.5	11.5	3.3		
	27	5.8	2.8	7.4	2.9	9.4	3.1	10.2	3.2	11.4	3.4	12.4	3.5	13.4	3.5	13.2	3.5	12.0	3.4	11.4	3.2	10.7	3.0		

Outdoor Unit:GUHD48NK3C1O/GUHD48NM3C1O Indoor Unit:GFH48K3CI

AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
		-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
2000	16	7.1	3.8	9.1	4.0	11.5	4.2	12.5	4.3	14.0	4.6	15.3	4.7	16.4	4.8	16.1	4.7	14.8	4.6	14.0	4.3	13.1	4.1		
	18	6.9	3.8	9.0	3.9	11.3	4.1	12.3	4.2	13.7	4.5	15.0	4.6	16.1	4.7	15.8	4.7	14.5	4.5	13.7	4.2	12.9	4.0		
	20	6.5	3.6	8.5	3.8	10.6	4.0	11.6	4.1	12.9	4.3	14.1	4.4	15.2	4.5	14.9	4.5	13.7	4.3	12.9	4.1	12.2	3.8		
	22	6.4	3.6	8.3	3.7	10.4	3.9	11.4	4.0	12.7	4.2	13.9	4.4	14.9	4.5	14.6	4.4	13.4	4.2	12.7	4.0	11.9	3.8		
	24	5.9	3.4	7.6	3.5	9.6	3.7	10.4	3.8	11.6	4.0	12.7	4.2	13.7	4.2	13.4	4.2	12.3	4.0	11.6	3.8	10.9	3.6		
	25	5.8	3.3	7.4	3.5	9.4	3.7	10.2	3.7	11.4	3.9	12.4	4.1	13.4	4.2	13.1	4.1	12.0	3.9	11.4	3.7	10.7	3.5		
	27	5.4	3.0	6.9	3.2	8.7	3.3	9.5	3.4	10.6	3.6	11.6	3.7	12.5	3.8	12.3	3.8	11.2	3.6	10.6	3.4	10.0	3.2		
2250	16	7.2	3.8	9.3	3.9	11.7	4.1	12.8	4.2	14.3	4.5	15.6	4.6	16.8	4.7	16.5	4.7	15.1	4.5	14.3	4.2	13.4	4.0		
	18	7.1	3.7	9.2	3.8	11.5	4.1	12.5	4.1	14.0	4.4	15.3	4.5	16.5	4.6	16.2	4.6	14.8	4.4	14.0	4.1	13.2	3.9		
	20	6.7	3.6	8.7	3.7	11.0	3.9	11.9	4.0	13.3	4.3	14.6	4.4	15.7	4.5	15.4	4.4	14.1	4.3	13.3	4.0	12.5	3.8		
	22	6.5	3.5	8.5	3.6	10.6	3.9	11.6	3.9	12.9	4.2	14.1	4.3	15.2	4.4	15.0	4.3	13.7	4.2	12.9	3.9	12.2	3.7		
	24	6.0	3.3	7.8	3.5	9.8	3.7	10.6	3.7	11.9	4.0	13.0	4.1	14.0	4.2	13.7	4.1	12.6	4.0	11.9	3.7	11.2	3.5		
	25	5.9	3.3	7.6	3.4	9.5	3.6	10.4	3.7	11.6	3.9	12.7	4.0	13.6	4.1	13.4	4.0	12.3	3.9	11.6	3.7	10.9	3.5		
	27	5.5	3.0	7.1	3.1	8.9	3.3	9.7	3.3	10.8	3.5	11.8	3.6	12.7	3.7	12.5	3.7	11.4	3.5	10.8	3.3	10.2	3.2		
2500	16	7.3	3.7	9.4	3.8	11.9	4.1	12.9	4.1	14.4	4.4	15.8	4.5	17.0	4.6	16.7	4.6	15.3	4.4	14.4	4.1	13.6	3.9		
	18	7.2	3.6	9.3	3.8	11.6	4.0	12.7	4.1	14.1	4.3	15.5	4.4	16.6	4.5	16.4	4.5	15.0	4.3	14.1	4.1	13.3	3.8		
	20	6.9	3.5	8.9	3.7	11.2	3.9	12.2	4.0	13.6	4.2	14.9	4.3	16.0	4.4	15.7	4.4	14.4	4.2	13.6	4.0	12.8	3.8		
	22	6.6	3.5	8.5	3.6	10.8	3.8	11.7	3.9	13.1	4.1	14.3	4.3	15.4	4.3	15.1	4.3	13.8	4.1	13.1	3.9	12.3	3.7		
	24	6.1	3.3	7.8	3.4	9.9	3.6	10.7	3.7	12.0	3.9	13.1	4.0	14.1	4.1	13.8	4.0	12.7	3.9	12.0	3.7	11.3	3.5		
	25	5.9	3.2	7.7	3.3	9.6	3.5	10.5	3.6	11.7	3.8	12.8	3.9	13.8	4.0	13.5	3.9	12.4	3.8	11.7	3.6	11.0	3.4		
	27	5.5	2.9	7.1	3.0	9.0	3.2	9.8	3.3	10.9	3.5	11.9	3.6	12.8	3.6	12.6	3.6	11.5	3.5	10.9	3.3	10.2	3.1		
2750	16	7.4	3.6	9.5	3.7	12.0	4.0	13.1	4.1	14.6	4.3	15.9	4.4	17.1	4.5	16.8	4.5	15.4	4.3	14.6	4.1	13.7	3.8		
	18	7.2	3.5	9.3	3.7	11.8	3.9	12.8	4.0	14.3	4.2	15.6	4.3	16.8	4.4	16.5	4.4	15.1	4.2	14.3	4.0	13.4	3.8		
	20	7.0	3.5	9.1	3.6	11.4	3.9	12.4	3.9	13.9	4.2	15.2	4.3	16.3	4.4	16.0	4.3	14.7	4.2	13.9	3.9	13.1	3.7		
	22	6.7	3.4	8.6	3.5	10.9	3.7	11.8	3.8	13.2	4.0	14.4	4.2	15.5	4.3	15.2	4.2	14.0	4.0	13.2	3.8	12.4	3.6		
	24	6.1	3.2	7.9	3.3	9.9	3.5	10.8	3.6	12.1	3.8	13.2	3.9	14.2	4.0	14.0	4.0	12.8	3.8	12.1	3.6	11.4	3.4		
	25	6.0	3.1	7.7	3.2	9.7	3.4	10.6	3.5	11.8	3.7	12.9	3.8	13.9	3.9	13.6	3.9	12.5	3.7	11.8	3.5	11.1	3.3		
	27	5.5	2.8	7.2	2.9	9.0	3.1	9.8	3.2	11.0	3.4	12.0	3.5	12.9	3.6	12.7	3.5	11.6	3.4	11.0	3.2	10.3	3.0		
3000	16	7.4	3.6	9.6	3.7	12.1	3.9	13.2	4.0	14.7	4.2	16.1	4.4	17.3	4.5	17.0	4.4	15.6	4.2	14.7	4.0	13.8	3.8		
	18	7.3	3.5	9.4	3.6	11.9	3.9	12.9	3.9	14.4	4.2	15.8	4.3	17.0	4.4	16.7	4.3	15.3	4.2	14.4	3.9	13.6	3.7		
	20	7.2	3.5	9.3	3.6	11.6	3.8	12.7	3.9	14.1	4.1	15.5	4.3	16.6	4.3	16.4	4.3	15.0	4.1	14.1	3.9	13.3	3.7		
	22	6.7	3.3	8.7	3.5	10.9	3.7	11.9	3.8	13.3	4.0	14.5	4.1	15.6	4.2	15.4	4.1	14.1	4.0	13.3	3.8	12.5	3.5		
	24	6.2	3.1	8.0	3.2	10.0	3.4	10.9	3.5	12.2	3.7	13.3	3.8	14.3	3.9	14.1	3.9	12.9	3.7	12.2	3.5	11.4	3.3		
	25	6.0	3.1	7.8	3.2	9.8	3.4	10.7	3.5	11.9	3.7	13.0	3.8	14.0	3.9	13.7	3.8	12.6	3.7	11.9	3.5	11.2	3.3		
	27	5.6	2.8	7.2	2.9	9.1	3.1	9.9	3.1	11.0	3.3	12.1	3.4	13.0	3.5	12.8	3.4	11.7	3.3	11.0	3.1	10.4	3.0		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD60NM3CO/GUHD60NM3C1O Indoor Unit:GFH60K3CI

AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
		-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
2520	16	7.9	4.3	10.3	4.5	12.9	4.7	14.1	4.8	15.7	5.1	17.2	5.3	18.5	5.4	18.2	5.3	16.6	5.1	15.7	4.8	14.8	4.6		
	18	7.8	4.2	10.1	4.4	12.7	4.6	13.8	4.8	15.4	5.0	16.9	5.2	18.1	5.3	17.8	5.2	16.3	5.0	15.4	4.8	14.5	4.5		
	20	7.4	4.1	9.5	4.2	12.0	4.5	13.0	4.6	14.5	4.8	15.9	5.0	17.1	5.1	16.8	5.0	15.4	4.8	14.5	4.6	13.7	4.3		
	22	7.2	4.0	9.3	4.2	11.7	4.4	12.8	4.5	14.2	4.8	15.6	4.9	16.8	5.0	16.5	5.0	15.1	4.8	14.2	4.5	13.4	4.3		
	24	6.6	3.8	8.6	4.0	10.8	4.2	11.7	4.3	13.1	4.5	14.3	4.7	15.4	4.8	15.1	4.7	13.9	4.5	13.1	4.3	12.3	4.1		
	25	6.5	3.7	8.4	3.9	10.5	4.1	11.5	4.2	12.8	4.4	14.0	4.6	15.0	4.7	14.8	4.6	13.5	4.4	12.8	4.2	12.0	4.0		
	27	6.0	3.4	7.8	3.5	9.8	3.8	10.7	3.8	11.9	4.1	13.0	4.2	14.0	4.3	13.8	4.2	12.6	4.1	11.9	3.8	11.2	3.6		
2835	16	8.1	4.2	10.5	4.4	13.2	4.6	14.4	4.8	16.0	5.0	17.6	5.2	18.9	5.3	18.6	5.2	17.0	5.0	16.0	4.8	15.1	4.5		
	18	8.0	4.1	10.3	4.3	13.0	4.6	14.1	4.7	15.7	4.9	17.2	5.1	18.5	5.2	18.2	5.1	16.7	4.9	15.7	4.7	14.8	4.4		
	20	7.6	4.0	9.8	4.2	12.3	4.4	13.4	4.5	15.0	4.8	16.4	4.9	17.6	5.0	17.3	5.0	15.9	4.8	15.0	4.5	14.1	4.3		
	22	7.4	3.9	9.5	4.1	12.0	4.3	13.0	4.4	14.5	4.7	15.9	4.8	17.1	4.9	16.8	4.9	15.4	4.7	14.5	4.4	13.7	4.2		
	24	6.8	3.7	8.7	3.9	11.0	4.1	12.0	4.2	13.3	4.4	14.6	4.6	15.7	4.7	15.4	4.6	14.1	4.4	13.3	4.2	12.6	4.0		
	25	6.6	3.7	8.5	3.8	10.7	4.0	11.7	4.1	13.0	4.3	14.3	4.5	15.3	4.6	15.1	4.5	13.8	4.3	13.0	4.1	12.3	3.9		
	27	6.1	3.3	7.9	3.5	10.0	3.7	10.9	3.8	12.1	4.0	13.3	4.1	14.3	4.2	14.0	4.1	12.9	4.0	12.1	3.8	11.4	3.5		
3150	16	8.2	4.1	10.6	4.3	13.4	4.6	14.5	4.7	16.2	4.9	17.7	5.1	19.1	5.2	18.8	5.1	17.2	4.9	16.2	4.7	15.3	4.4		
	18	8.0	4.1	10.4	4.2	13.1	4.5	14.3	4.6	15.9	4.8	17.4	5.0	18.7	5.1	18.4	5.0	16.8	4.8	15.9	4.6	15.0	4.3		
	20	7.7	4.0	10.0	4.1	12.6	4.4	13.7	4.5	15.3	4.7	16.7	4.9	18.0	5.0	17.7	4.9	16.2	4.7	15.3	4.5	14.4	4.2		
	22	7.4	3.9	9.6	4.1	12.1	4.3	13.2	4.4	14.7	4.6	16.1	4.8	17.3	4.9	17.0	4.8	15.6	4.6	14.7	4.4	13.8	4.1		
	24	6.8	3.7	8.8	3.8	11.1	4.0	12.1	4.1	13.5	4.4	14.7	4.5	15.8	4.6	15.6	4.5	14.3	4.4	13.5	4.1	12.7	3.9		
	25	6.7	3.6	8.6	3.7	10.8	3.9	11.8	4.0	13.2	4.3	14.4	4.4	15.5	4.5	15.2	4.4	13.9	4.3	13.2	4.0	12.4	3.8		
	27	6.2	3.3	8.0	3.4	10.1	3.6	11.0	3.7	12.2	3.9	13.4	4.0	14.4	4.1	14.2	4.0	13.0	3.9	12.2	3.7	11.5	3.5		
3465	16	8.3	4.1	10.7	4.2	13.5	4.5	14.7	4.6	16.4	4.8	17.9	5.0	19.3	5.1	19.0	5.0	17.4	4.8	16.4	4.6	15.4	4.3		
	18	8.1	4.0	10.5	4.1	13.2	4.4	14.4	4.5	16.1	4.7	17.6	4.9	18.9	5.0	18.6	4.9	17.0	4.7	16.1	4.5	15.1	4.2		
	20	7.9	3.9	10.2	4.1	12.9	4.3	14.0	4.4	15.6	4.7	17.1	4.8	18.4	4.9	18.0	4.9	16.5	4.7	15.6	4.4	14.7	4.2		
	22	7.5	3.8	9.7	4.0	12.2	4.2	13.3	4.3	14.8	4.5	16.2	4.7	17.4	4.8	17.1	4.7	15.7	4.5	14.8	4.3	14.0	4.1		
	24	6.9	3.6	8.9	3.7	11.2	3.9	12.2	4.0	13.6	4.3	14.9	4.4	16.0	4.5	15.7	4.4	14.4	4.3	13.6	4.0	12.8	3.8		
	25	6.7	3.5	8.7	3.6	10.9	3.9	11.9	3.9	13.3	4.2	14.5	4.3	15.6	4.4	15.3	4.3	14.0	4.2	13.3	3.9	12.5	3.7		
	27	6.2	3.2	8.1	3.3	10.2	3.5	11.1	3.6	12.3	3.8	13.5	3.9	14.5	4.0	14.3	4.0	13.1	3.8	12.3	3.6	11.6	3.4		
3780	16	8.4	4.0	10.8	4.2	13.6	4.4	14.8	4.5	16.5	4.8	18.1	4.9	19.5	5.0	19.1	5.0	17.5	4.8	16.5	4.5	15.6	4.3		
	18	8.2	3.9	10.6	4.1	13.4	4.3	14.5	4.4	16.2	4.7	17.8	4.8	19.1	4.9	18.8	4.9	17.2	4.7	16.2	4.4	15.3	4.2		
	20	8.0	3.9	10.4	4.1	13.1	4.3	14.3	4.4	15.9	4.6	17.4	4.8	18.7	4.9	18.4	4.8	16.8	4.6	15.9	4.4	15.0	4.1		
	22	7.6	3.7	9.8	3.9	12.3	4.1	13.4	4.2	15.0	4.5	16.4	4.6	17.6	4.7	17.3	4.6	15.8	4.5	15.0	4.2	14.1	4.0		
	24	6.9	3.5	9.0	3.6	11.3	3.9	12.3	4.0	13.7	4.2	15.0	4.3	16.1	4.4	15.8	4.3	14.5	4.2	13.7	4.0	12.9	3.7		
	25	6.8	3.5	8.7	3.6	11.0	3.8	12.0	3.9	13.4	4.1	14.6	4.3	15.7	4.3	15.5	4.3	14.2	4.1	13.4	3.9	12.6	3.7		
	27	6.3	3.1	8.1	3.2	10.2	3.4	11.1	3.5	12.4	3.7	13.6	3.8	14.6	3.9	14.4	3.9	13.1	3.7	12.4	3.5	11.7	3.3		

4.4.2 GUHD*N*3CO/ GUHD*N*3C1O with GKH*K3CI

Outdoor Unit:GUHD12NK3CO/GUHD12NK3C1O Indoor Unit:GKH12K3CI

Fan Speed	AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
			-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	550	16	1.7	0.9	2.2	0.9	2.7	0.9	3.0	1.0	3.3	1.0	3.6	1.0	3.9	1.1	3.9	1.1	3.5	1.0	3.3	1.0	3.1	0.9		
		18	1.7	0.8	2.1	0.9	2.7	0.9	2.9	0.9	3.3	1.0	3.6	1.0	3.8	1.0	3.8	1.0	3.5	1.0	3.3	0.9	3.1	0.9		
		20	1.6	0.8	2.1	0.9	2.6	0.9	2.8	0.9	3.1	1.0	3.4	1.0	3.7	1.0	3.6	1.0	3.3	1.0	3.1	0.9	3.0	0.9		
		22	1.5	0.8	2.0	0.8	2.5	0.9	2.7	0.9	3.0	1.0	3.3	1.0	3.6	1.0	3.5	1.0	3.2	1.0	3.0	0.9	2.8	0.9		
		24	1.4	0.8	1.8	0.8	2.3	0.8	2.5	0.8	2.8	0.9	3.0	0.9	3.3	0.9	3.2	0.9	2.9	0.9	2.8	0.8	2.6	0.8		
		25	1.4	0.7	1.8	0.8	2.2	0.8	2.4	0.8	2.7	0.9	3.0	0.9	3.2	0.9	3.1	0.9	2.9	0.9	2.7	0.8	2.5	0.8		
		27	1.3	0.7	1.6	0.7	2.1	0.7	2.3	0.8	2.5	0.8	2.8	0.8	3.0	0.8	2.9	0.8	2.7	0.8	2.5	0.8	2.4	0.7		
Medium	450	16	1.7	0.9	2.2	0.9	2.7	1.0	3.0	1.0	3.3	1.0	3.6	1.1	3.9	1.1	3.8	1.1	3.5	1.0	3.3	1.0	3.1	0.9		
		18	1.6	0.9	2.1	0.9	2.7	0.9	2.9	1.0	3.2	1.0	3.5	1.0	3.8	1.1	3.7	1.1	3.4	1.0	3.2	1.0	3.0	0.9		
		20	1.6	0.8	2.0	0.9	2.5	0.9	2.8	0.9	3.1	1.0	3.4	1.0	3.6	1.0	3.6	1.0	3.3	1.0	3.1	0.9	2.9	0.9		
		22	1.5	0.8	2.0	0.8	2.5	0.9	2.7	0.9	3.0	1.0	3.3	1.0	3.5	1.0	3.5	1.0	3.2	1.0	3.0	0.9	2.8	0.9		
		24	1.4	0.8	1.8	0.8	2.3	0.8	2.5	0.9	2.7	0.9	3.0	0.9	3.2	1.0	3.2	1.0	2.9	0.9	2.7	0.9	2.6	0.8		
		25	1.4	0.8	1.8	0.8	2.2	0.8	2.4	0.8	2.7	0.9	2.9	0.9	3.2	0.9	3.1	0.9	2.8	0.9	2.7	0.8	2.5	0.8		
		27	1.3	0.7	1.6	0.7	2.1	0.8	2.2	0.8	2.5	0.8	2.7	0.8	2.9	0.9	2.9	0.9	2.6	0.8	2.5	0.8	2.3	0.7		
Low	350	16	1.6	0.9	2.1	0.9	2.7	1.0	2.9	1.0	3.2	1.1	3.5	1.1	3.8	1.1	3.7	1.1	3.4	1.1	3.2	1.0	3.0	0.9		
		18	1.6	0.9	2.1	0.9	2.6	1.0	2.8	1.0	3.2	1.0	3.5	1.1	3.7	1.1	3.7	1.1	3.4	1.0	3.2	1.0	3.0	0.9		
		20	1.5	0.8	2.0	0.9	2.5	0.9	2.7	0.9	3.0	1.0	3.3	1.0	3.5	1.0	3.5	1.0	3.2	1.0	3.0	0.9	2.8	0.9		
		22	1.5	0.8	1.9	0.9	2.4	0.9	2.6	0.9	2.9	1.0	3.2	1.0	3.4	1.0	3.4	1.0	3.1	1.0	2.9	0.9	2.8	0.9		
		24	1.4	0.8	1.8	0.8	2.2	0.9	2.4	0.9	2.7	0.9	2.9	1.0	3.2	1.0	3.1	1.0	2.8	0.9	2.7	0.9	2.5	0.8		
		25	1.3	0.8	1.7	0.8	2.2	0.8	2.4	0.9	2.6	0.9	2.9	0.9	3.1	1.0	3.0	1.0	2.8	0.9	2.6	0.9	2.5	0.8		
		27	1.2	0.7	1.6	0.7	2.0	0.8	2.2	0.8	2.4	0.8	2.7	0.9	2.9	0.9	2.8	0.9	2.6	0.8	2.4	0.8	2.3	0.7		

Outdoor Unit:GUHD18NK3CO/GUHD18NK3C1O Indoor Unit:GKH18K3CI

Fan Speed	AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
			-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	1180	16	2.8	1.4	3.6	1.5	4.6	1.6	5.0	1.6	5.5	1.7	6.1	1.7	6.5	1.8	6.4	1.8	5.9	1.7	5.5	1.6	5.2	1.5		
		18	2.8	1.4	3.6	1.4	4.5	1.5	4.9	1.6	5.4	1.6	5.9	1.7	6.4	1.7	6.3	1.7	5.8	1.6	5.4	1.6	5.1	1.5		
		20	2.6	1.4	3.4	1.4	4.3	1.5	4.7	1.5	5.2	1.6	5.7	1.7	6.2	1.7	6.0	1.7	5.5	1.6	5.2	1.5	4.9	1.4		
		22	2.5	1.3	3.3	1.4	4.1	1.5	4.5	1.5	5.0	1.6	5.5	1.6	5.9	1.7	5.8	1.6	5.3	1.6	5.0	1.5	4.7	1.4		
		24	2.3	1.3	3.0	1.3	3.8	1.4	4.1	1.4	4.6	1.5	5.0	1.5	5.4	1.6	5.3	1.5	4.9	1.5	4.6	1.4	4.3	1.3		
		25	2.3	1.2	2.9	1.3	3.7	1.3	4.0	1.4	4.5	1.5	4.9	1.5	5.3	1.5	5.2	1.5	4.8	1.5	4.5	1.4	4.2	1.3		
		27	2.1	1.1	2.7	1.2	3.4	1.2	3.7	1.3	4.2	1.3	4.6	1.4	4.9	1.4	4.8	1.4	4.4	1.3	4.2	1.3	3.9	1.2		
Medium	1080	16	2.8	1.4	3.6	1.5	4.5	1.6	4.9	1.6	5.5	1.7	6.0	1.8	6.4	1.8	6.3	1.8	5.8	1.7	5.5	1.6	5.2	1.5		
		18	2.7	1.4	3.5	1.5	4.4	1.6	4.8	1.6	5.4	1.7	5.9	1.7	6.3	1.8	6.2	1.8	5.7	1.7	5.4	1.6	5.1	1.5		
		20	2.6	1.4	3.4	1.4	4.2	1.5	4.6	1.5	5.1	1.6	5.6	1.7	6.0	1.7	5.9	1.7	5.4	1.6	5.1	1.5	4.8	1.5		
		22	2.5	1.3	3.3	1.4	4.1	1.5	4.5	1.5	5.0	1.6	5.4	1.6	5.8	1.7	5.7	1.7	5.3	1.6	5.0	1.5	4.7	1.4		
		24	2.3	1.3	3.0	1.3	3.8	1.4	4.1	1.4	4.6	1.5	5.0	1.6	5.4	1.6	5.3	1.6	4.8	1.5	4.6	1.4	4.3	1.4		
		25	2.3	1.2	2.9	1.3	3.7	1.4	4.0	1.4	4.5	1.5	4.9	1.5	5.2	1.6	5.2	1.5	4.7	1.5	4.5	1.4	4.2	1.3		
		27	2.1	1.1	2.7	1.2	3.4	1.3	3.7	1.3	4.1	1.4	4.5	1.4	4.9	1.4	4.8	1.4	4.4	1.4	4.1	1.3	3.9	1.2		
Low	1000	16	2.7	1.5	3.5	1.5	4.4	1.6	4.8	1.7	5.4	1.7	5.9	1.8	6.3	1.8	6.2	1.8	5.7	1.7	5.4	1.7	5.0	1.6		
		18	2.7	1.4	3.4	1.5	4.3	1.6	4.7	1.6	5.3	1.7	5.8	1.8	6.2	1.8	6.1	1.8	5.6	1.7	5.3	1.6	5.0	1.5		
		20	2.5	1.4	3.2	1.4	4.1	1.5	4.5	1.6	5.0	1.6	5.4	1.7	5.8	1.7	5.7	1.7	5.3	1.6	5.0	1.6	4.7	1.5		
		22	2.5	1.4	3.2	1.4	4.0	1.5	4.4	1.5	4.9	1.6	5.3	1.7	5.7	1.7	5.6	1.7	5.2	1.6	4.9	1.5	4.6	1.5		
		24	2.3	1.3	2.9	1.4	3.7	1.4	4.0	1.5	4.5	1.5	4.9	1.6	5.3	1.6	5.2	1.6	4.7	1.5	4.5	1.5	4.2	1.4		
		25	2.2	1.3	2.9	1.3	3.6	1.4	3.9	1.4	4.4	1.5	4.8	1.6	5.1	1.6	5.1	1.6	4.6	1.5	4.4	1.4	4.1	1.4		
		27	2.1	1.2	2.7	1.2	3.4	1.3	3.7	1.3	4.1	1.4	4.5	1.4	4.8	1.5	4.7	1.4	4.3	1.4	4.1	1.3	3.8	1.2		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD24NK3CO/GUHD24NK3C1O Indoor Unit:GKH24K3CI

Fan Speed	AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
			-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	1400	16	3.6	1.8	4.7	1.9	5.9	2.0	6.5	2.1	7.2	2.2	7.9	2.3	8.5	2.3	8.3	2.3	7.6	2.2	7.2	2.1	6.8	2.0		
		18	3.6	1.8	4.6	1.9	5.8	2.0	6.3	2.0	7.1	2.1	7.7	2.2	8.3	2.3	8.2	2.2	7.5	2.1	7.1	2.0	6.7	1.9		
		20	3.4	1.8	4.4	1.8	5.6	1.9	6.1	2.0	6.8	2.1	7.4	2.2	8.0	2.2	7.9	2.2	7.2	2.1	6.8	2.0	6.4	1.9		
		22	3.3	1.7	4.3	1.8	5.4	1.9	5.9	1.9	6.5	2.1	7.1	2.1	7.7	2.2	7.5	2.1	6.9	2.1	6.5	1.9	6.1	1.8		
		24	3.0	1.6	3.9	1.7	4.9	1.8	5.4	1.8	6.0	1.9	6.5	2.0	7.0	2.0	6.9	2.0	6.3	1.9	6.0	1.8	5.6	1.7		
		25	3.0	1.6	3.8	1.7	4.8	1.8	5.2	1.8	5.8	1.9	6.4	1.9	6.9	2.0	6.8	2.0	6.2	1.9	5.8	1.8	5.5	1.7		
		27	2.8	1.4	3.6	1.5	4.5	1.6	4.9	1.6	5.4	1.7	6.0	1.8	6.4	1.8	6.3	1.8	5.8	1.7	5.4	1.6	5.1	1.5		
Medium	1270	16	3.6	1.9	4.7	1.9	5.9	2.1	6.4	2.1	7.1	2.2	7.8	2.3	8.4	2.3	8.2	2.3	7.5	2.2	7.1	2.1	6.7	2.0		
		18	3.5	1.8	4.6	1.9	5.8	2.0	6.3	2.1	7.0	2.2	7.7	2.3	8.2	2.3	8.1	2.3	7.4	2.2	7.0	2.1	6.6	2.0		
		20	3.4	1.8	4.4	1.9	5.5	2.0	6.0	2.0	6.7	2.1	7.3	2.2	7.8	2.2	7.7	2.2	7.1	2.1	6.7	2.0	6.3	1.9		
		22	3.3	1.7	4.2	1.8	5.3	1.9	5.8	2.0	6.5	2.1	7.1	2.1	7.6	2.2	7.5	2.2	6.8	2.1	6.5	2.0	6.1	1.9		
		24	3.0	1.7	3.9	1.7	4.9	1.8	5.3	1.9	5.9	2.0	6.5	2.0	7.0	2.1	6.9	2.1	6.3	2.0	5.9	1.9	5.6	1.8		
		25	2.9	1.6	3.8	1.7	4.8	1.8	5.2	1.8	5.8	1.9	6.3	2.0	6.8	2.0	6.7	2.0	6.1	1.9	5.8	1.8	5.5	1.7		
		27	2.7	1.5	3.5	1.5	4.4	1.6	4.8	1.7	5.4	1.8	5.9	1.8	6.4	1.9	6.2	1.8	5.7	1.8	5.4	1.7	5.1	1.6		
Low	1170	16	3.5	1.9	4.6	2.0	5.7	2.1	6.3	2.2	7.0	2.3	7.6	2.3	8.2	2.4	8.1	2.4	7.4	2.3	7.0	2.2	6.6	2.0		
		18	3.5	1.9	4.5	1.9	5.6	2.1	6.1	2.1	6.8	2.2	7.5	2.3	8.1	2.3	7.9	2.3	7.3	2.2	6.8	2.1	6.4	2.0		
		20	3.3	1.8	4.2	1.9	5.3	2.0	5.8	2.0	6.5	2.1	7.1	2.2	7.6	2.3	7.5	2.2	6.8	2.1	6.5	2.0	6.1	1.9		
		22	3.2	1.8	4.1	1.9	5.2	2.0	5.7	2.0	6.3	2.1	6.9	2.2	7.4	2.2	7.3	2.2	6.7	2.1	6.3	2.0	6.0	1.9		
		24	2.9	1.7	3.8	1.8	4.8	1.9	5.2	1.9	5.8	2.0	6.4	2.1	6.8	2.1	6.7	2.1	6.2	2.0	5.8	1.9	5.5	1.8		
		25	2.9	1.7	3.7	1.7	4.7	1.8	5.1	1.9	5.7	2.0	6.2	2.0	6.7	2.1	6.6	2.1	6.0	2.0	5.7	1.9	5.4	1.8		
		27	2.7	1.5	3.5	1.6	4.4	1.7	4.7	1.7	5.3	1.8	5.8	1.9	6.2	1.9	6.1	1.9	5.6	1.8	5.3	1.7	5.0	1.6		

Outdoor Unit:GUHD30NK3CO/GUHD30NK3C1O Indoor Unit:GFH30K3CI

Fan Speed	AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
			-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	1660	16	4.3	2.2	5.6	2.3	7.0	2.4	7.7	2.5	8.6	2.6	9.4	2.7	10.1	2.7	9.9	2.7	9.1	2.6	8.6	2.5	8.1	2.3		
		18	4.2	2.1	5.5	2.2	6.9	2.4	7.5	2.4	8.4	2.5	9.2	2.6	9.9	2.7	9.7	2.7	8.9	2.5	8.4	2.4	7.9	2.3		
		20	4.1	2.1	5.3	2.2	6.7	2.3	7.2	2.4	8.1	2.5	8.8	2.6	9.5	2.6	9.3	2.6	8.6	2.5	8.1	2.4	7.6	2.2		
		22	3.9	2.1	5.1	2.1	6.4	2.3	6.9	2.3	7.8	2.4	8.5	2.5	9.1	2.6	9.0	2.6	8.2	2.4	7.8	2.3	7.3	2.2		
		24	3.6	1.9	4.6	2.0	5.9	2.1	6.4	2.2	7.1	2.3	7.8	2.4	8.4	2.4	8.2	2.4	7.5	2.3	7.1	2.2	6.7	2.1		
		25	3.5	1.9	4.5	2.0	5.7	2.1	6.2	2.1	6.9	2.2	7.6	2.3	8.2	2.4	8.0	2.3	7.4	2.2	6.9	2.1	6.5	2.0		
		27	3.3	1.7	4.2	1.8	5.3	1.9	5.8	1.9	6.5	2.0	7.1	2.1	7.6	2.2	7.5	2.1	6.8	2.0	6.5	1.9	6.1	1.8		
Medium	1570	16	4.3	2.2	5.5	2.3	7.0	2.5	7.6	2.5	8.5	2.6	9.3	2.7	10.0	2.8	9.8	2.8	9.0	2.6	8.5	2.5	8.0	2.4		
		18	4.2	2.2	5.4	2.3	6.8	2.4	7.4	2.5	8.3	2.6	9.1	2.7	9.8	2.7	9.6	2.7	8.8	2.6	8.3	2.5	7.8	2.3		
		20	4.0	2.1	5.2	2.2	6.5	2.3	7.1	2.4	7.9	2.5	8.7	2.6	9.3	2.7	9.2	2.6	8.4	2.5	7.9	2.4	7.4	2.3		
		22	3.9	2.1	5.0	2.2	6.3	2.3	6.9	2.3	7.7	2.5	8.4	2.6	9.0	2.6	8.9	2.6	8.1	2.5	7.7	2.3	7.2	2.2		
		24	3.6	2.0	4.6	2.1	5.8	2.2	6.3	2.2	7.0	2.3	7.7	2.4	8.3	2.5	8.1	2.4	7.5	2.3	7.0	2.2	6.6	2.1		
		25	3.5	1.9	4.5	2.0	5.7	2.1	6.2	2.2	6.9	2.3	7.5	2.4	8.1	2.4	8.0	2.4	7.3	2.3	6.9	2.2	6.5	2.1		
		27	3.2	1.8	4.2	1.8	5.3	1.9	5.7	2.0	6.4	2.1	7.0	2.2	7.5	2.2	7.4	2.2	6.8	2.1	6.4	2.0	6.0	1.9		
Low	1500	16	4.2	2.3	5.4	2.4	6.8	2.5	7.4	2.6	8.3	2.7	9.1	2.8	9.7	2.8	9.6	2.8	8.8	2.7	8.3	2.6	7.8	2.4		
		18	4.1	2.2	5.3	2.3	6.7	2.5	7.3	2.5	8.1	2.7	8.9	2.7	9.6	2.8	9.4	2.8	8.6	2.7	8.1	2.5	7.7	2.4		
		20	3.9	2.1	5.0	2.2	6.3	2.4	6.9	2.4	7.7	2.5	8.4	2.6	9.0	2.7	8.9	2.7	8.1	2.5	7.7	2.4	7.2	2.3		
		22	3.8	2.1	4.9	2.2	6.2	2.3	6.7	2.4	7.5	2.5	8.2	2.6	8.8	2.7	8.7	2.6	8.0	2.5	7.5	2.4	7.1	2.3		
		24	3.5	2.0	4.5	2.1	5.7	2.2	6.2	2.3	6.9	2.4	7.6	2.5	8.1	2.5	8.0	2.5	7.3	2.4	6.9	2.3	6.5	2.1		
		25	3.4	2.0	4.4	2.0	5.6	2.2	6.1	2.2	6.8	2.3	7.4	2.4	7.9	2.5	7.8	2.4	7.1	2.3	6.8	2.2	6.4	2.1		
		27	3.2	1.8	4.1	1.9	5.2	2.0	5.6	2.0	6.3	2.1	6.9	2.2	7.4	2.3	7.3	2.2	6.7	2.1	6.3	2.0	5.9	1.9		

Outdoor Unit:GUHD36NK3CO/GUHD36NM3CO/GUHD36NK3C1O/GUHD36NM3C1O Indoor Unit:GKH36K3CI

Fan Speed	AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
			-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	1660	16	5.0	2.5	6.5	2.6	8.2	2.8	8.9	2.9	9.9	3.0	10.8	3.1	11.7	3.2	11.5	3.1	10.5	3.0	9.9	2.9	9.3	2.7		
		18	4.9	2.5	6.4	2.6	8.0	2.7	8.7	2.8	9.7	3.0	10.6	3.0	11.4	3.1	11.2	3.1	10.3	3.0	9.7	2.8	9.2	2.6		
		20	4.7	2.4	6.1	2.5	7.7	2.7	8.4	2.7	9.4	2.9	10.2	3.0	11.0	3.0	10.8	3.0	9.9	2.9	9.4	2.7	8.8	2.6		
		22	4.5	2.4	5.9	2.5	7.4	2.6	8.0	2.7	9.0	2.8	9.8	2.9	10.6	3.0	10.4	3.0	9.5	2.8	9.0	2.7	8.4	2.5		
		24	4.2	2.2	5.4	2.3	6.8	2.5	7.4	2.5	8.2	2.7	9.0	2.7	9.7	2.8	9.5	2.8	8.7	2.7	8.2	2.5	7.7	2.4		
		25	4.1	2.2	5.3	2.3	6.6	2.4	7.2	2.5	8.0	2.6	8.8	2.7	9.5	2.7	9.3	2.7	8.5	2.6	8.0	2.5	7.6	2.3		
		27	3.8	2.0	4.9	2.1	6.2	2.2	6.7	2.2	7.5	2.4	8.2	2.4	8.8	2.5	8.7	2.5	7.9	2.4	7.5	2.2	7.0	2.1		
Medium	1570	16	5.0	2.6	6.4	2.7	8.1	2.8	8.8	2.9	9.8	3.1	10.7	3.2	11.5	3.2	11.3	3.2	10.4	3.1	9.8	2.9	9.2	2.7		
		18	4.9	2.5	6.3	2.6	7.9	2.8	8.6	2.9	9.6	3.0	10.5	3.1	11.3	3.2	11.1	3.1	10.2	3.0	9.6	2.9	9.1	2.7		
		20	4.6	2.5	6.0	2.6	7.5	2.7	8.2	2.8	9.2	2.9	10.0	3.0	10.8	3.1	10.6	3.0	9.7	2.9	9.2	2.8	8.6	2.6		
		22	4.5	2.4	5.8	2.5	7.3	2.7	8.0	2.7	8.9	2.9	9.7	3.0	10.5	3.0	10.3	3.0	9.4	2.9	8.9	2.7	8.4	2.6		
		24	4.1	2.3	5.3	2.4	6.7	2.5	7.3	2.6	8.2	2.7	8.9	2.8	9.6	2.9	9.4	2.8	8.6	2.7	8.2	2.6	7.7	2.4		
		25	4.0	2.2	5.2	2.3	6.6	2.5	7.1	2.5	8.0	2.7	8.7	2.7	9.4	2.8	9.2	2.8	8.4	2.7	8.0	2.5	7.5	2.4		
		27	3.8	2.0	4.9	2.1	6.1	2.2	6.7	2.3	7.4	2.4	8.1	2.5	8.7	2.6	8.6	2.5	7.9	2.4	7.4	2.3	7.0	2.2		
Low	1500	16	4.9	2.6	6.3	2.7	7.9	2.9	8.6	3.0	9.6	3.1	10.5	3.2	11.3	3.3	11.1	3.3	10.2	3.1	9.6	3.0	9.0	2.8		
		18	4.8	2.6	6.2	2.7	7.8	2.8	8.4	2.9	9.4	3.1	10.3	3.2	11.1	3.2	10.9	3.2	10.0	3.1	9.4	2.9	8.9	2.7		
		20	4.5	2.5	5.8	2.6	7.3	2.7	8.0	2.8	8.9	3.0	9.7	3.0	10.5	3.1	10.3	3.1	9.4	3.0	8.9	2.8	8.4	2.6		
		22	4.4	2.5	5.7	2.6	7.2	2.7	7.8	2.8	8.7	2.9	9.5	3.0	10.2	3.1	10.1	3.0	9.2	2.9	8.7	2.8	8.2	2.6		
		24	4.0	2.3	5.2	2.4	6.6	2.6	7.2	2.6	8.0	2.8	8.7	2.9	9.4	2.9	9.2	2.9	8.5	2.8	8.0	2.6	7.5	2.5		
		25	4.0	2.3	5.1	2.4	6.4	2.5	7.0	2.6	7.8	2.7	8.6	2.8	9.2	2.9	9.0	2.8	8.3	2.7	7.8	2.6	7.4	2.4		
		27	3.7	2.1	4.8	2.2	6.0	2.3	6.5	2.3	7.3	2.5	8.0	2.6	8.6	2.6	8.4	2.6	7.7	2.5	7.3	2.3	6.9	2.2		

Outdoor Unit:GUHD42NK3CO/GUHD42NM3CO/GUHD42NK3C1O/GUHD42NM3C1O Indoor Unit:GKH42K3CI

Fan Speed	AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
			-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	1660	16	5.5	2.8	7.1	2.9	8.9	3.0	9.7	3.1	10.8	3.3	11.8	3.4	12.7	3.5	12.5	3.4	11.4	3.3	10.8	3.1	10.2	2.9		
		18	5.4	2.7	6.9	2.8	8.7	3.0	9.5	3.1	10.6	3.2	11.6	3.3	12.5	3.4	12.3	3.4	11.2	3.2	10.6	3.1	10.0	2.9		
		20	5.2	2.7	6.7	2.8	8.4	2.9	9.1	3.0	10.2	3.2	11.2	3.3	12.0	3.3	11.8	3.3	10.8	3.2	10.2	3.0	9.6	2.8		
		22	5.0	2.6	6.4	2.7	8.1	2.9	8.8	2.9	9.8	3.1	10.7	3.2	11.5	3.3	11.3	3.2	10.4	3.1	9.8	2.9	9.2	2.8		
		24	4.5	2.4	5.9	2.5	7.4	2.7	8.0	2.8	9.0	2.9	9.8	3.0	10.6	3.1	10.4	3.0	9.5	2.9	9.0	2.8	8.4	2.6		
		25	4.4	2.4	5.7	2.5	7.2	2.6	7.9	2.7	8.8	2.8	9.6	2.9	10.3	3.0	10.1	3.0	9.3	2.8	8.8	2.7	8.3	2.5		
		27	4.1	2.2	5.3	2.3	6.7	2.4	7.3	2.5	8.2	2.6	8.9	2.7	9.6	2.7	9.4	2.7	8.6	2.6	8.2	2.5	7.7	2.3		
Medium	1570	16	5.4	2.8	7.0	2.9	8.8	3.1	9.6	3.2	10.7	3.3	11.7	3.5	12.6	3.5	12.4	3.5	11.3	3.3	10.7	3.2	10.1	3.0		
		18	5.3	2.8	6.9	2.9	8.6	3.0	9.4	3.1	10.5	3.3	11.5	3.4	12.3	3.5	12.1	3.4	11.1	3.3	10.5	3.1	9.9	2.9		
		20	5.1	2.7	6.5	2.8	8.2	3.0	9.0	3.0	10.0	3.2	10.9	3.3	11.8	3.4	11.6	3.3	10.6	3.2	10.0	3.0	9.4	2.9		
		22	4.9	2.6	6.3	2.7	8.0	2.9	8.7	3.0	9.7	3.1	10.6	3.2	11.4	3.3	11.2	3.3	10.3	3.1	9.7	3.0	9.1	2.8		
		24	4.5	2.5	5.8	2.6	7.3	2.7	8.0	2.8	8.9	3.0	9.7	3.1	10.5	3.1	10.3	3.1	9.4	3.0	8.9	2.8	8.4	2.7		
		25	4.4	2.4	5.7	2.5	7.2	2.7	7.8	2.7	8.7	2.9	9.5	3.0	10.2	3.1	10.1	3.0	9.2	2.9	8.7	2.7	8.2	2.6		
		27	4.1	2.2	5.3	2.3	6.7	2.5	7.3	2.5	8.1	2.6	8.9	2.7	9.5	2.8	9.4	2.8	8.6	2.6	8.1	2.5	7.6	2.4		
Low	1500	16	5.3	2.9	6.8	3.0	8.6	3.2	9.4	3.2	10.5	3.4	11.5	3.5	12.3	3.6	12.1	3.6	11.1	3.4	10.5	3.2	9.8	3.1		
		18	5.2	2.8	6.7	2.9	8.5	3.1	9.2	3.2	10.3	3.3	11.2	3.5	12.1	3.5	11.9	3.5	10.9	3.3	10.3	3.2	9.7	3.0		
		20	4.9	2.7	6.3	2.8	8.0	3.0	8.7	3.1	9.7	3.2	10.6	3.3	11.4	3.4	11.2	3.4	10.3	3.2	9.7	3.1	9.1	2.9		
		22	4.8	2.7	6.2	2.8	7.8	3.0	8.5	3.0	9.5	3.2	10.4	3.3	11.2	3.4	11.0	3.3	10.1	3.2	9.5	3.0	8.9	2.9		
		24	4.4	2.5	5.7	2.6	7.2	2.8	7.8	2.9	8.7	3.0	9.5	3.1	10.3	3.2	10.1	3.2	9.2	3.0	8.7	2.9	8.2	2.7		
		25	4.3	2.5	5.6	2.6	7.0	2.7	7.6	2.8	8.5	3.0	9.3	3.1	10.0	3.1	9.9	3.1	9.0	3.0	8.5	2.8	8.0	2.7		
		27	4.0	2.3	5.2	2.4	6.5	2.5	7.1	2.6	7.9	2.7	8.7	2.8	9.3	2.8	9.2	2.8	8.4	2.7	7.9	2.6	7.5	2.4		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

4.4.3 GUHD*N*3CO/ GUHD*N*3C1O with GTH*K3CI

Outdoor Unit:GUHD09NK3CO/GUHD09NK3C1O Indoor Unit:GTH09K3CI

Fan Speed	AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
			-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	650	16	1.4	0.6	1.8	0.6	2.2	0.7	2.4	0.7	2.7	0.7	3.0	0.8	3.2	0.8	3.1	0.8	2.9	0.7	2.7	0.7	2.5	0.7		
		18	1.3	0.6	1.7	0.6	2.2	0.7	2.4	0.7	2.7	0.7	2.9	0.7	3.1	0.8	3.1	0.8	2.8	0.7	2.7	0.7	2.5	0.7		
		20	1.3	0.6	1.7	0.6	2.1	0.7	2.3	0.7	2.6	0.7	2.8	0.7	3.0	0.8	2.9	0.7	2.7	0.7	2.6	0.7	2.4	0.6		
		22	1.2	0.6	1.6	0.6	2.0	0.6	2.2	0.7	2.4	0.7	2.7	0.7	2.9	0.7	2.8	0.7	2.6	0.7	2.4	0.7	2.3	0.6		
		24	1.1	0.6	1.5	0.6	1.8	0.6	2.0	0.6	2.2	0.7	2.5	0.7	2.6	0.7	2.6	0.7	2.4	0.7	2.2	0.6	2.1	0.6		
		25	1.1	0.5	1.4	0.6	1.8	0.6	2.0	0.6	2.2	0.6	2.4	0.7	2.6	0.7	2.5	0.7	2.3	0.6	2.2	0.6	2.1	0.6		
		27	1.0	0.5	1.3	0.5	1.7	0.5	1.8	0.6	2.0	0.6	2.2	0.6	2.4	0.6	2.4	0.6	2.2	0.6	2.0	0.6	1.9	0.5		
Medium	550	16	1.4	0.6	1.7	0.7	2.2	0.7	2.4	0.7	2.7	0.8	2.9	0.8	3.1	0.8	3.1	0.8	2.8	0.8	2.7	0.7	2.5	0.7		
		18	1.3	0.6	1.7	0.6	2.2	0.7	2.4	0.7	2.6	0.7	2.9	0.8	3.1	0.8	3.0	0.8	2.8	0.7	2.6	0.7	2.5	0.7		
		20	1.3	0.6	1.6	0.6	2.1	0.7	2.2	0.7	2.5	0.7	2.7	0.7	2.9	0.8	2.9	0.7	2.6	0.7	2.5	0.7	2.4	0.6		
		22	1.2	0.6	1.6	0.6	2.0	0.7	2.2	0.7	2.4	0.7	2.7	0.7	2.9	0.7	2.8	0.7	2.6	0.7	2.4	0.7	2.3	0.6		
		24	1.1	0.6	1.5	0.6	1.8	0.6	2.0	0.6	2.2	0.7	2.4	0.7	2.6	0.7	2.6	0.7	2.4	0.7	2.2	0.6	2.1	0.6		
		25	1.1	0.6	1.4	0.6	1.8	0.6	1.9	0.6	2.2	0.7	2.4	0.7	2.6	0.7	2.5	0.7	2.3	0.7	2.2	0.6	2.0	0.6		
		27	1.0	0.5	1.3	0.5	1.7	0.6	1.8	0.6	2.0	0.6	2.2	0.6	2.4	0.6	2.3	0.6	2.1	0.6	2.0	0.6	1.9	0.5		
Low	450	16	1.3	0.6	1.7	0.7	2.2	0.7	2.3	0.7	2.6	0.8	2.9	0.8	3.1	0.8	3.0	0.8	2.8	0.8	2.6	0.7	2.5	0.7		
		18	1.3	0.6	1.7	0.7	2.1	0.7	2.3	0.7	2.6	0.8	2.8	0.8	3.0	0.8	3.0	0.8	2.7	0.8	2.6	0.7	2.4	0.7		
		20	1.2	0.6	1.6	0.6	2.0	0.7	2.2	0.7	2.4	0.7	2.7	0.7	2.9	0.8	2.8	0.8	2.6	0.7	2.4	0.7	2.3	0.7		
		22	1.2	0.6	1.6	0.6	2.0	0.7	2.1	0.7	2.4	0.7	2.6	0.7	2.8	0.8	2.7	0.7	2.5	0.7	2.4	0.7	2.2	0.6		
		24	1.1	0.6	1.4	0.6	1.8	0.6	2.0	0.6	2.2	0.7	2.4	0.7	2.6	0.7	2.5	0.7	2.3	0.7	2.2	0.6	2.1	0.6		
		25	1.1	0.6	1.4	0.6	1.8	0.6	1.9	0.6	2.1	0.7	2.3	0.7	2.5	0.7	2.5	0.7	2.3	0.7	2.1	0.6	2.0	0.6		
		27	1.0	0.5	1.3	0.5	1.6	0.6	1.8	0.6	2.0	0.6	2.2	0.6	2.3	0.6	2.3	0.6	2.1	0.6	2.0	0.6	1.9	0.5		

Outdoor Unit:GUHD12NK3CO/GUHD12NK3C1O Indoor Unit:GTH12K3CI

Fan Speed	AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
			-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	700	16	1.7	0.8	2.2	0.8	2.8	0.8	3.1	0.9	3.4	0.9	3.7	0.9	4.0	1.0	4.0	1.0	3.6	0.9	3.4	0.9	3.2	0.8		
		18	1.7	0.8	2.2	0.8	2.8	0.8	3.0	0.9	3.4	0.9	3.7	0.9	4.0	0.9	3.9	0.9	3.6	0.9	3.4	0.9	3.2	0.8		
		20	1.6	0.7	2.1	0.8	2.7	0.8	2.9	0.8	3.2	0.9	3.5	0.9	3.8	0.9	3.7	0.9	3.4	0.9	3.2	0.8	3.0	0.8		
		22	1.6	0.7	2.0	0.8	2.6	0.8	2.8	0.8	3.1	0.9	3.4	0.9	3.6	0.9	3.6	0.9	3.3	0.9	3.1	0.8	2.9	0.8		
		24	1.4	0.7	1.9	0.7	2.3	0.8	2.5	0.8	2.8	0.8	3.1	0.8	3.3	0.9	3.3	0.8	3.0	0.8	2.8	0.8	2.7	0.7		
		25	1.4	0.7	1.8	0.7	2.3	0.7	2.5	0.8	2.8	0.8	3.0	0.8	3.3	0.8	3.2	0.8	2.9	0.8	2.8	0.8	2.6	0.7		
		27	1.3	0.6	1.7	0.6	2.1	0.7	2.3	0.7	2.6	0.7	2.8	0.7	3.0	0.8	3.0	0.8	2.7	0.7	2.6	0.7	2.4	0.6		
Medium	600	16	1.7	0.8	2.2	0.8	2.8	0.9	3.0	0.9	3.4	0.9	3.7	1.0	4.0	1.0	3.9	1.0	3.6	0.9	3.4	0.9	3.2	0.8		
		18	1.7	0.8	2.2	0.8	2.7	0.8	3.0	0.9	3.3	0.9	3.6	0.9	3.9	1.0	3.8	1.0	3.5	0.9	3.3	0.9	3.1	0.8		
		20	1.6	0.7	2.1	0.8	2.6	0.8	2.8	0.8	3.2	0.9	3.5	0.9	3.7	0.9	3.7	0.9	3.4	0.9	3.2	0.8	3.0	0.8		
		22	1.6	0.7	2.0	0.8	2.5	0.8	2.8	0.8	3.1	0.9	3.4	0.9	3.6	0.9	3.6	0.9	3.3	0.9	3.1	0.8	2.9	0.8		
		24	1.4	0.7	1.8	0.7	2.3	0.8	2.5	0.8	2.8	0.8	3.1	0.9	3.3	0.9	3.3	0.9	3.0	0.8	2.8	0.8	2.7	0.7		
		25	1.4	0.7	1.8	0.7	2.3	0.7	2.5	0.8	2.8	0.8	3.0	0.8	3.2	0.9	3.2	0.8	2.9	0.8	2.8	0.8	2.6	0.7		
		27	1.3	0.6	1.7	0.6	2.1	0.7	2.3	0.7	2.6	0.7	2.8	0.8	3.0	0.8	3.0	0.8	2.7	0.7	2.6	0.7	2.4	0.7		
Low	500	16	1.7	0.8	2.2	0.8	2.7	0.9	3.0	0.9	3.3	1.0	3.6	1.0	3.9	1.0	3.8	1.0	3.5	1.0	3.3	0.9	3.1	0.9		
		18	1.6	0.8	2.1	0.8	2.7	0.9	2.9	0.9	3.3	0.9	3.6	1.0	3.8	1.0	3.8	1.0	3.4	0.9	3.3	0.9	3.1	0.8		
		20	1.6	0.8	2.0	0.8	2.5	0.8	2.8	0.9	3.1	0.9	3.4	0.9	3.6	0.9	3.5	0.9	3.2	0.9	3.1	0.9	2.9	0.8		
		22	1.5	0.7	2.0	0.8	2.5	0.8	2.7	0.8	3.0	0.9	3.3	0.9	3.5	0.9	3.5	0.9	3.2	0.9	3.0	0.8	2.8	0.8		
		24	1.4	0.7	1.8	0.7	2.3	0.8	2.5	0.8	2.8	0.8	3.0	0.9	3.2	0.9	3.2	0.9	2.9	0.8	2.8	0.8	2.6	0.8		
		25	1.4	0.7	1.8	0.7	2.2	0.8	2.4	0.8	2.7	0.8	3.0	0.9	3.2	0.9	3.1	0.9	2.9	0.8	2.7	0.8	2.5	0.7		
		27	1.3	0.6	1.6	0.7	2.1	0.7	2.3	0.7	2.5	0.8	2.8	0.8	3.0	0.8	2.9	0.8	2.7	0.8	2.5	0.7	2.4	0.7		

Outdoor Unit:GUHD18NK3CO/GUHD18NK3C1O Indoor Unit:GTH18K3CI

Fan Speed	AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
			-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	900	16	2.8	1.4	3.6	1.5	4.6	1.6	5.0	1.6	5.5	1.7	6.1	1.7	6.5	1.8	6.4	1.8	5.9	1.7	5.5	1.6	5.2	1.5		
		18	2.8	1.4	3.6	1.4	4.5	1.5	4.9	1.6	5.4	1.6	5.9	1.7	6.4	1.7	6.3	1.7	5.8	1.6	5.4	1.6	5.1	1.5		
		20	2.6	1.4	3.4	1.4	4.3	1.5	4.7	1.5	5.2	1.6	5.7	1.7	6.2	1.7	6.0	1.7	5.5	1.6	5.2	1.5	4.9	1.4		
		22	2.5	1.3	3.3	1.4	4.1	1.5	4.5	1.5	5.0	1.6	5.5	1.6	5.9	1.7	5.8	1.6	5.3	1.6	5.0	1.5	4.7	1.4		
		24	2.3	1.3	3.0	1.3	3.8	1.4	4.1	1.4	4.6	1.5	5.0	1.5	5.4	1.6	5.3	1.5	4.9	1.5	4.6	1.4	4.3	1.3		
		25	2.3	1.2	2.9	1.3	3.7	1.3	4.0	1.4	4.5	1.5	4.9	1.5	5.3	1.5	5.2	1.5	4.8	1.5	4.5	1.4	4.2	1.3		
		27	2.1	1.1	2.7	1.2	3.4	1.2	3.7	1.3	4.2	1.3	4.6	1.4	4.9	1.4	4.8	1.4	4.4	1.3	4.2	1.3	3.9	1.2		
Medium	800	16	2.8	1.4	3.6	1.5	4.5	1.6	4.9	1.6	5.5	1.7	6.0	1.8	6.4	1.8	6.3	1.8	5.8	1.7	5.5	1.6	5.2	1.5		
		18	2.7	1.4	3.5	1.5	4.4	1.6	4.8	1.6	5.4	1.7	5.9	1.7	6.3	1.8	6.2	1.8	5.7	1.7	5.4	1.6	5.1	1.5		
		20	2.6	1.4	3.4	1.4	4.2	1.5	4.6	1.5	5.1	1.6	5.6	1.7	6.0	1.7	5.9	1.7	5.4	1.6	5.1	1.5	4.8	1.5		
		22	2.5	1.3	3.3	1.4	4.1	1.5	4.5	1.5	5.0	1.6	5.4	1.6	5.8	1.7	5.7	1.7	5.3	1.6	5.0	1.5	4.7	1.4		
		24	2.3	1.3	3.0	1.3	3.8	1.4	4.1	1.4	4.6	1.5	5.0	1.6	5.4	1.6	5.3	1.6	4.8	1.5	4.6	1.4	4.3	1.4		
		25	2.3	1.2	2.9	1.3	3.7	1.4	4.0	1.4	4.5	1.5	4.9	1.5	5.2	1.6	5.2	1.5	4.7	1.5	4.5	1.4	4.2	1.3		
		27	2.1	1.1	2.7	1.2	3.4	1.3	3.7	1.3	4.1	1.4	4.5	1.4	4.9	1.4	4.8	1.4	4.4	1.4	4.1	1.3	3.9	1.2		
Low	700	16	2.7	1.5	3.5	1.5	4.4	1.6	4.8	1.7	5.4	1.7	5.9	1.8	6.3	1.8	6.2	1.8	5.7	1.7	5.4	1.7	5.0	1.6		
		18	2.7	1.4	3.4	1.5	4.3	1.6	4.7	1.6	5.3	1.7	5.8	1.8	6.2	1.8	6.1	1.8	5.6	1.7	5.3	1.6	5.0	1.5		
		20	2.5	1.4	3.2	1.4	4.1	1.5	4.5	1.6	5.0	1.6	5.4	1.7	5.8	1.7	5.7	1.7	5.3	1.6	5.0	1.6	4.7	1.5		
		22	2.5	1.4	3.2	1.4	4.0	1.5	4.4	1.5	4.9	1.6	5.3	1.7	5.7	1.7	5.6	1.7	5.2	1.6	4.9	1.5	4.6	1.5		
		24	2.3	1.3	2.9	1.4	3.7	1.4	4.0	1.5	4.5	1.5	4.9	1.6	5.3	1.6	5.2	1.6	4.7	1.5	4.5	1.5	4.2	1.4		
		25	2.2	1.3	2.9	1.3	3.6	1.4	3.9	1.4	4.4	1.5	4.8	1.6	5.1	1.6	5.1	1.6	4.6	1.5	4.4	1.4	4.1	1.4		
		27	2.1	1.2	2.7	1.2	3.4	1.3	3.7	1.3	4.1	1.4	4.5	1.4	4.8	1.5	4.7	1.4	4.3	1.4	4.1	1.3	3.8	1.2		

Outdoor Unit:GUHD24NK3CO/GUHD24NK3C1O Indoor Unit:GTH24K3CI

Fan Speed	AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
			-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	1200	16	3.6	1.8	4.7	1.9	5.9	2.0	6.5	2.1	7.2	2.2	7.9	2.3	8.5	2.3	8.3	2.3	7.6	2.2	7.2	2.1	6.8	2.0		
		18	3.6	1.8	4.6	1.9	5.8	2.0	6.3	2.0	7.1	2.1	7.7	2.2	8.3	2.3	8.2	2.2	7.5	2.1	7.1	2.0	6.7	1.9		
		20	3.4	1.8	4.4	1.8	5.6	1.9	6.1	2.0	6.8	2.1	7.4	2.2	8.0	2.2	7.9	2.2	7.2	2.1	6.8	2.0	6.4	1.9		
		22	3.3	1.7	4.3	1.8	5.4	1.9	5.9	1.9	6.5	2.1	7.1	2.1	7.7	2.2	7.5	2.1	6.9	2.1	6.5	1.9	6.1	1.8		
		24	3.0	1.6	3.9	1.7	4.9	1.8	5.4	1.8	6.0	1.9	6.5	2.0	7.0	2.0	6.9	2.0	6.3	1.9	6.0	1.8	5.6	1.7		
		25	3.0	1.6	3.8	1.7	4.8	1.8	5.2	1.8	5.8	1.9	6.4	1.9	6.9	2.0	6.8	2.0	6.2	1.9	5.8	1.8	5.5	1.7		
		27	2.8	1.4	3.6	1.5	4.5	1.6	4.9	1.6	5.4	1.7	6.0	1.8	6.4	1.8	6.3	1.8	5.8	1.7	5.4	1.6	5.1	1.5		
Medium	1050	16	3.6	1.9	4.7	1.9	5.9	2.1	6.4	2.1	7.1	2.2	7.8	2.3	8.4	2.3	8.2	2.3	7.5	2.2	7.1	2.1	6.7	2.0		
		18	3.5	1.8	4.6	1.9	5.8	2.0	6.3	2.1	7.0	2.2	7.7	2.3	8.2	2.3	8.1	2.3	7.4	2.2	7.0	2.1	6.6	2.0		
		20	3.4	1.8	4.4	1.9	5.5	2.0	6.0	2.0	6.7	2.1	7.3	2.2	7.8	2.2	7.7	2.2	7.1	2.1	6.7	2.0	6.3	1.9		
		22	3.3	1.7	4.2	1.8	5.3	1.9	5.8	2.0	6.5	2.1	7.1	2.1	7.6	2.2	7.5	2.2	6.8	2.1	6.5	2.0	6.1	1.9		
		24	3.0	1.7	3.9	1.7	4.9	1.8	5.3	1.9	5.9	2.0	6.5	2.0	7.0	2.1	6.9	2.1	6.3	2.0	5.9	1.9	5.6	1.8		
		25	2.9	1.6	3.8	1.7	4.8	1.8	5.2	1.8	5.8	1.9	6.3	2.0	6.8	2.0	6.7	2.0	6.1	1.9	5.8	1.8	5.5	1.7		
		27	2.7	1.5	3.5	1.5	4.4	1.6	4.8	1.7	5.4	1.8	5.9	1.8	6.4	1.9	6.2	1.8	5.7	1.8	5.4	1.7	5.1	1.6		
Low	900	16	3.5	1.9	4.6	2.0	5.7	2.1	6.3	2.2	7.0	2.3	7.6	2.3	8.2	2.4	8.1	2.4	7.4	2.3	7.0	2.2	6.6	2.0		
		18	3.5	1.9	4.5	1.9	5.6	2.1	6.1	2.1	6.8	2.2	7.5	2.3	8.1	2.3	7.9	2.3	7.3	2.2	6.8	2.1	6.4	2.0		
		20	3.3	1.8	4.2	1.9	5.3	2.0	5.8	2.0	6.5	2.1	7.1	2.2	7.6	2.3	7.5	2.2	6.8	2.1	6.5	2.0	6.1	1.9		
		22	3.2	1.8	4.1	1.9	5.2	2.0	5.7	2.0	6.3	2.1	6.9	2.2	7.4	2.2	7.3	2.2	6.7	2.1	6.3	2.0	6.0	1.9		
		24	2.9	1.7	3.8	1.8	4.8	1.9	5.2	1.9	5.8	2.0	6.4	2.1	6.8	2.1	6.7	2.1	6.2	2.0	5.8	1.9	5.5	1.8		
		25	2.9	1.7	3.7	1.7	4.7	1.8	5.1	1.9	5.7	2.0	6.2	2.0	6.7	2.1	6.6	2.1	6.0	2.0	5.7	1.9	5.4	1.8		
		27	2.7	1.5	3.5	1.6	4.4	1.7	4.7	1.7	5.3	1.8	5.8	1.9	6.2	1.9	6.1	1.9	5.6	1.8	5.3	1.7	5.0	1.6		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD30NK3CO/GUHD30NK3C1O Indoor Unit:GTH30K3CI

Fan Speed	AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
			-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	1600	16	4.3	2.2	5.6	2.3	7.0	2.4	7.7	2.5	8.6	2.6	9.4	2.7	10.1	2.7	9.9	2.7	9.1	2.6	8.6	2.5	8.1	2.3		
		18	4.2	2.1	5.5	2.2	6.9	2.4	7.5	2.4	8.4	2.5	9.2	2.6	9.9	2.7	9.7	2.7	8.9	2.5	8.4	2.4	7.9	2.3		
		20	4.1	2.1	5.3	2.2	6.7	2.3	7.2	2.4	8.1	2.5	8.8	2.6	9.5	2.6	9.3	2.6	8.6	2.5	8.1	2.4	7.6	2.2		
		22	3.9	2.1	5.1	2.1	6.4	2.3	6.9	2.3	7.8	2.4	8.5	2.5	9.1	2.6	9.0	2.6	8.2	2.4	7.8	2.3	7.3	2.2		
		24	3.6	1.9	4.6	2.0	5.9	2.1	6.4	2.2	7.1	2.3	7.8	2.4	8.4	2.4	8.2	2.4	7.5	2.3	7.1	2.2	6.7	2.1		
		25	3.5	1.9	4.5	2.0	5.7	2.1	6.2	2.1	6.9	2.2	7.6	2.3	8.2	2.4	8.0	2.3	7.4	2.2	6.9	2.1	6.5	2.0		
		27	3.3	1.7	4.2	1.8	5.3	1.9	5.8	1.9	6.5	2.0	7.1	2.1	7.6	2.2	7.5	2.1	6.8	2.0	6.5	1.9	6.1	1.8		
Medium	1450	16	4.3	2.2	5.5	2.3	7.0	2.5	7.6	2.5	8.5	2.6	9.3	2.7	10.0	2.8	9.8	2.8	9.0	2.6	8.5	2.5	8.0	2.4		
		18	4.2	2.2	5.4	2.3	6.8	2.4	7.4	2.5	8.3	2.6	9.1	2.7	9.8	2.7	9.6	2.7	8.8	2.6	8.3	2.5	7.8	2.3		
		20	4.0	2.1	5.2	2.2	6.5	2.3	7.1	2.4	7.9	2.5	8.7	2.6	9.3	2.7	9.2	2.6	8.4	2.5	7.9	2.4	7.4	2.3		
		22	3.9	2.1	5.0	2.2	6.3	2.3	6.9	2.3	7.7	2.5	8.4	2.6	9.0	2.6	8.9	2.6	8.1	2.5	7.7	2.3	7.2	2.2		
		24	3.6	2.0	4.6	2.1	5.8	2.2	6.3	2.2	7.0	2.3	7.7	2.4	8.3	2.5	8.1	2.4	7.5	2.3	7.0	2.2	6.6	2.1		
		25	3.5	1.9	4.5	2.0	5.7	2.1	6.2	2.2	6.9	2.3	7.5	2.4	8.1	2.4	8.0	2.4	7.3	2.3	6.9	2.2	6.5	2.1		
		27	3.2	1.8	4.2	1.8	5.3	1.9	5.7	2.0	6.4	2.1	7.0	2.2	7.5	2.2	7.4	2.2	6.8	2.1	6.4	2.0	6.0	1.9		
Low	1300	16	4.2	2.3	5.4	2.4	6.8	2.5	7.4	2.6	8.3	2.7	9.1	2.8	9.7	2.8	9.6	2.8	8.8	2.7	8.3	2.6	7.8	2.4		
		18	4.1	2.2	5.3	2.3	6.7	2.5	7.3	2.5	8.1	2.7	8.9	2.7	9.6	2.8	9.4	2.8	8.6	2.7	8.1	2.5	7.7	2.4		
		20	3.9	2.1	5.0	2.2	6.3	2.4	6.9	2.4	7.7	2.5	8.4	2.6	9.0	2.7	8.9	2.7	8.1	2.5	7.7	2.4	7.2	2.3		
		22	3.8	2.1	4.9	2.2	6.2	2.3	6.7	2.4	7.5	2.5	8.2	2.6	8.8	2.7	8.7	2.6	8.0	2.5	7.5	2.4	7.1	2.3		
		24	3.5	2.0	4.5	2.1	5.7	2.2	6.2	2.3	6.9	2.4	7.6	2.5	8.1	2.5	8.0	2.5	7.3	2.4	6.9	2.3	6.5	2.1		
		25	3.4	2.0	4.4	2.0	5.6	2.2	6.1	2.2	6.8	2.3	7.4	2.4	7.9	2.5	7.8	2.4	7.1	2.3	6.8	2.2	6.4	2.1		
		27	3.2	1.8	4.1	1.9	5.2	2.0	5.6	2.0	6.3	2.1	6.9	2.2	7.4	2.3	7.3	2.2	6.7	2.1	6.3	2.0	5.9	1.9		

Outdoor Unit:GUHD36NK3CO/GUHD36NM3CO Indoor Unit:GKH36K3CI

Fan Speed	AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
			-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	2000	16	5.2	2.6	6.8	2.7	8.5	2.9	9.3	3.0	10.4	3.1	11.3	3.2	12.2	3.3	12.0	3.3	11.0	3.1	10.4	3.0	9.8	2.8		
		18	5.1	2.6	6.6	2.7	8.4	2.9	9.1	2.9	10.2	3.1	11.1	3.2	12.0	3.2	11.8	3.2	10.8	3.1	10.2	2.9	9.6	2.8		
		20	4.9	2.5	6.4	2.6	8.1	2.8	8.8	2.9	9.8	3.0	10.7	3.1	11.5	3.2	11.3	3.1	10.4	3.0	9.8	2.9	9.2	2.7		
		22	4.7	2.5	6.1	2.6	7.7	2.7	8.4	2.8	9.4	3.0	10.3	3.1	11.0	3.1	10.9	3.1	9.9	3.0	9.4	2.8	8.8	2.6		
		24	4.4	2.3	5.6	2.4	7.1	2.6	7.7	2.6	8.6	2.8	9.4	2.9	10.1	2.9	9.9	2.9	9.1	2.8	8.6	2.6	8.1	2.5		
		25	4.3	2.3	5.5	2.4	6.9	2.5	7.5	2.6	8.4	2.7	9.2	2.8	9.9	2.9	9.7	2.8	8.9	2.7	8.4	2.6	7.9	2.4		
		27	4.0	2.1	5.1	2.2	6.4	2.3	7.0	2.3	7.8	2.5	8.6	2.6	9.2	2.6	9.0	2.6	8.3	2.5	7.8	2.3	7.4	2.2		
Medium	1630	16	5.2	2.7	6.7	2.8	8.4	3.0	9.2	3.0	10.3	3.2	11.2	3.3	12.1	3.4	11.9	3.3	10.9	3.2	10.3	3.0	9.6	2.9		
		18	5.1	2.6	6.6	2.7	8.3	2.9	9.0	3.0	10.1	3.1	11.0	3.2	11.8	3.3	11.6	3.3	10.7	3.1	10.1	3.0	9.5	2.8		
		20	4.8	2.6	6.3	2.7	7.9	2.8	8.6	2.9	9.6	3.1	10.5	3.1	11.3	3.2	11.1	3.2	10.1	3.1	9.6	2.9	9.0	2.7		
		22	4.7	2.5	6.1	2.6	7.7	2.8	8.3	2.8	9.3	3.0	10.2	3.1	10.9	3.1	10.7	3.1	9.8	3.0	9.3	2.8	8.7	2.7		
		24	4.3	2.4	5.6	2.5	7.0	2.6	7.6	2.7	8.5	2.8	9.3	2.9	10.0	3.0	9.9	3.0	9.0	2.8	8.5	2.7	8.0	2.5		
		25	4.2	2.3	5.5	2.4	6.9	2.6	7.5	2.6	8.3	2.8	9.1	2.9	9.8	2.9	9.6	2.9	8.8	2.8	8.3	2.6	7.8	2.5		
		27	3.9	2.1	5.1	2.2	6.4	2.3	7.0	2.4	7.8	2.5	8.5	2.6	9.1	2.7	9.0	2.6	8.2	2.5	7.8	2.4	7.3	2.3		
Low	1520	16	5.1	2.8	6.6	2.9	8.3	3.0	9.0	3.1	10.0	3.3	11.0	3.4	11.8	3.4	11.6	3.4	10.6	3.3	10.0	3.1	9.4	2.9		
		18	5.0	2.7	6.4	2.8	8.1	3.0	8.8	3.0	9.8	3.2	10.8	3.3	11.6	3.4	11.4	3.3	10.4	3.2	9.8	3.0	9.3	2.9		
		20	4.7	2.6	6.1	2.7	7.6	2.9	8.3	2.9	9.3	3.1	10.2	3.2	10.9	3.2	10.7	3.2	9.8	3.1	9.3	2.9	8.7	2.8		
		22	4.6	2.6	6.0	2.7	7.5	2.8	8.2	2.9	9.1	3.1	10.0	3.1	10.7	3.2	10.5	3.2	9.6	3.1	9.1	2.9	8.6	2.7		
		24	4.2	2.4	5.5	2.5	6.9	2.7	7.5	2.7	8.4	2.9	9.1	3.0	9.8	3.0	9.7	3.0	8.8	2.9	8.4	2.7	7.9	2.6		
		25	4.1	2.4	5.3	2.5	6.7	2.6	7.3	2.7	8.2	2.8	8.9	2.9	9.6	3.0	9.5	3.0	8.7	2.8	8.2	2.7	7.7	2.5		
		27	3.9	2.2	5.0	2.3	6.3	2.4	6.8	2.5	7.6	2.6	8.3	2.7	9.0	2.7	8.8	2.7	8.1	2.6	7.6	2.5	7.2	2.3		

Outdoor Unit:GUHD36NK3C1O/GUHD36NM3C1O Indoor Unit:GKH36K3CI

Fan Speed	AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
			-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	2000	16	5.1	2.6	6.6	2.7	8.3	2.8	9.0	2.9	10.1	3.1	11.0	3.2	11.9	3.2	11.7	3.2	10.7	3.1	10.1	2.9	9.5	2.7		
		18	5.0	2.5	6.5	2.6	8.2	2.8	8.9	2.8	9.9	3.0	10.8	3.1	11.6	3.2	11.4	3.1	10.5	3.0	9.9	2.8	9.3	2.7		
		20	4.8	2.5	6.2	2.6	7.8	2.7	8.5	2.8	9.5	2.9	10.4	3.0	11.2	3.1	11.0	3.1	10.1	2.9	9.5	2.8	9.0	2.6		
		22	4.6	2.4	6.0	2.5	7.5	2.7	8.2	2.7	9.1	2.9	10.0	3.0	10.8	3.0	10.6	3.0	9.7	2.9	9.1	2.7	8.6	2.6		
		24	4.2	2.3	5.5	2.4	6.9	2.5	7.5	2.6	8.4	2.7	9.2	2.8	9.9	2.9	9.7	2.8	8.9	2.7	8.4	2.6	7.9	2.4		
		25	4.1	2.2	5.4	2.3	6.7	2.5	7.3	2.5	8.2	2.7	9.0	2.7	9.6	2.8	9.5	2.8	8.7	2.7	8.2	2.5	7.7	2.4		
		27	3.9	2.0	5.0	2.1	6.3	2.2	6.8	2.3	7.6	2.4	8.3	2.5	9.0	2.5	8.8	2.5	8.1	2.4	7.6	2.3	7.2	2.2		
Medium	1630	16	5.1	2.6	6.5	2.7	8.2	2.9	8.9	3.0	10.0	3.1	10.9	3.2	11.7	3.3	11.5	3.3	10.6	3.1	10.0	3.0	9.4	2.8		
		18	5.0	2.6	6.4	2.7	8.1	2.8	8.8	2.9	9.8	3.1	10.7	3.2	11.5	3.2	11.3	3.2	10.4	3.1	9.8	2.9	9.2	2.7		
		20	4.7	2.5	6.1	2.6	7.7	2.8	8.4	2.8	9.3	3.0	10.2	3.1	11.0	3.1	10.8	3.1	9.9	3.0	9.3	2.8	8.8	2.7		
		22	4.6	2.5	5.9	2.5	7.5	2.7	8.1	2.8	9.0	2.9	9.9	3.0	10.6	3.1	10.5	3.0	9.6	2.9	9.0	2.8	8.5	2.6		
		24	4.2	2.3	5.4	2.4	6.8	2.6	7.4	2.6	8.3	2.8	9.1	2.9	9.8	2.9	9.6	2.9	8.8	2.8	8.3	2.6	7.8	2.5		
		25	4.1	2.3	5.3	2.4	6.7	2.5	7.3	2.6	8.1	2.7	8.9	2.8	9.5	2.8	9.4	2.8	8.6	2.7	8.1	2.6	7.6	2.4		
		27	3.8	2.1	4.9	2.2	6.2	2.3	6.8	2.3	7.6	2.5	8.3	2.5	8.9	2.6	8.7	2.6	8.0	2.5	7.6	2.3	7.1	2.2		
Low	1520	16	4.9	2.7	6.4	2.8	8.0	2.9	8.8	3.0	9.8	3.2	10.7	3.3	11.5	3.4	11.3	3.3	10.3	3.2	9.8	3.0	9.2	2.8		
		18	4.8	2.6	6.3	2.7	7.9	2.9	8.6	3.0	9.6	3.1	10.5	3.2	11.3	3.3	11.1	3.3	10.2	3.1	9.6	3.0	9.0	2.8		
		20	4.6	2.5	5.9	2.6	7.4	2.8	8.1	2.8	9.0	3.0	9.9	3.1	10.6	3.2	10.5	3.1	9.6	3.0	9.0	2.8	8.5	2.7		
		22	4.5	2.5	5.8	2.6	7.3	2.8	7.9	2.8	8.9	3.0	9.7	3.1	10.4	3.1	10.2	3.1	9.4	3.0	8.9	2.8	8.3	2.7		
		24	4.1	2.4	5.3	2.5	6.7	2.6	7.3	2.7	8.1	2.8	8.9	2.9	9.6	3.0	9.4	2.9	8.6	2.8	8.1	2.7	7.7	2.5		
		25	4.0	2.3	5.2	2.4	6.6	2.6	7.1	2.6	8.0	2.8	8.7	2.9	9.4	2.9	9.2	2.9	8.4	2.8	8.0	2.6	7.5	2.5		
		27	3.8	2.1	4.9	2.2	6.1	2.3	6.6	2.4	7.4	2.5	8.1	2.6	8.7	2.7	8.6	2.6	7.9	2.5	7.4	2.4	7.0	2.3		

Outdoor Unit:GUHD42NK3CO/GUHD42NM3CO/GUHD42NK3C1O/GUHD42NM3C1O Indoor Unit:GTH42K3CI

Fan Speed	AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
			-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	2000	16	5.7	2.9	7.4	3.0	9.3	3.2	10.1	3.2	11.3	3.4	12.3	3.5	13.3	3.6	13.0	3.6	11.9	3.4	11.3	3.2	10.6	3.1		
		18	5.6	2.8	7.2	2.9	9.1	3.1	9.9	3.2	11.1	3.4	12.1	3.5	13.0	3.5	12.8	3.5	11.7	3.4	11.1	3.2	10.4	3.0		
		20	5.4	2.8	7.0	2.9	8.8	3.0	9.5	3.1	10.6	3.3	11.6	3.4	12.5	3.5	12.3	3.4	11.3	3.3	10.6	3.1	10.0	2.9		
		22	5.2	2.7	6.7	2.8	8.4	3.0	9.1	3.1	10.2	3.2	11.2	3.3	12.0	3.4	11.8	3.4	10.8	3.2	10.2	3.1	9.6	2.9		
		24	4.7	2.5	6.1	2.6	7.7	2.8	8.4	2.9	9.4	3.0	10.2	3.1	11.0	3.2	10.8	3.2	9.9	3.0	9.4	2.9	8.8	2.7		
		25	4.6	2.5	6.0	2.6	7.5	2.7	8.2	2.8	9.1	3.0	10.0	3.1	10.8	3.1	10.6	3.1	9.7	3.0	9.1	2.8	8.6	2.6		
		27	4.3	2.3	5.6	2.4	7.0	2.5	7.6	2.6	8.5	2.7	9.3	2.8	10.0	2.8	9.8	2.8	9.0	2.7	8.5	2.6	8.0	2.4		
Medium	1630	16	5.6	2.9	7.3	3.0	9.2	3.2	10.0	3.3	11.1	3.5	12.2	3.6	13.1	3.7	12.9	3.6	11.8	3.5	11.1	3.3	10.5	3.1		
		18	5.5	2.9	7.2	3.0	9.0	3.2	9.8	3.2	10.9	3.4	12.0	3.5	12.9	3.6	12.6	3.6	11.6	3.4	10.9	3.2	10.3	3.1		
		20	5.3	2.8	6.8	2.9	8.6	3.1	9.3	3.1	10.4	3.3	11.4	3.4	12.3	3.5	12.0	3.5	11.0	3.3	10.4	3.1	9.8	3.0		
		22	5.1	2.7	6.6	2.8	8.3	3.0	9.1	3.1	10.1	3.3	11.1	3.4	11.9	3.4	11.7	3.4	10.7	3.3	10.1	3.1	9.5	2.9		
		24	4.7	2.6	6.1	2.7	7.6	2.9	8.3	2.9	9.3	3.1	10.1	3.2	10.9	3.2	10.7	3.2	9.8	3.1	9.3	2.9	8.7	2.8		
		25	4.6	2.5	5.9	2.6	7.5	2.8	8.1	2.9	9.1	3.0	9.9	3.1	10.7	3.2	10.5	3.1	9.6	3.0	9.1	2.9	8.5	2.7		
		27	4.3	2.3	5.5	2.4	6.9	2.6	7.6	2.6	8.4	2.8	9.2	2.8	9.9	2.9	9.8	2.9	8.9	2.8	8.4	2.6	7.9	2.5		
Low	1520	16	5.5	3.0	7.1	3.1	9.0	3.3	9.8	3.4	10.9	3.6	11.9	3.7	12.8	3.7	12.6	3.7	11.5	3.6	10.9	3.4	10.3	3.2		
		18	5.4	2.9	7.0	3.0	8.8	3.2	9.6	3.3	10.7	3.5	11.7	3.6	12.6	3.7	12.4	3.6	11.3	3.5	10.7	3.3	10.1	3.1		
		20	5.1	2.8	6.6	2.9	8.3	3.1	9.0	3.2	10.1	3.4	11.0	3.5	11.9	3.5	11.7	3.5	10.7	3.4	10.1	3.2	9.5	3.0		
		22	5.0	2.8	6.5	2.9	8.1	3.1	8.9	3.1	9.9	3.3	10.8	3.4	11.6	3.5	11.4	3.5	10.5	3.3	9.9	3.1	9.3	3.0		
		24	4.6	2.7	5.9	2.8	7.5	2.9	8.1	3.0	9.1	3.2	9.9	3.3	10.7	3.3	10.5	3.3	9.6	3.2	9.1	3.0	8.6	2.8		
		25	4.5	2.6	5.8	2.7	7.3	2.9	8.0	2.9	8.9	3.1	9.7	3.2	10.5	3.2	10.3	3.2	9.4	3.1	8.9	2.9	8.4	2.8		
		27	4.2	2.4	5.4	2.5	6.8	2.6	7.4	2.7	8.3	2.8	9.1	2.9	9.7	3.0	9.6	2.9	8.8	2.8	8.3	2.7	7.8	2.5		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD48NK3CO/GUHD48NM3CO Indoor Unit:GTH48K3CI

Fan Speed	AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
			-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	2300	16	7.5	3.7	9.7	3.8	12.2	4.0	13.3	4.1	14.9	4.3	16.3	4.5	17.5	4.6	17.2	4.5	15.7	4.3	14.9	4.1	14.0	3.9		
		18	7.4	3.6	9.5	3.7	12.0	3.9	13.1	4.0	14.6	4.3	16.0	4.4	17.2	4.5	16.9	4.4	15.4	4.3	14.6	4.0	13.7	3.8		
		20	7.1	3.5	9.2	3.7	11.6	3.9	12.6	4.0	14.0	4.2	15.3	4.3	16.5	4.4	16.2	4.4	14.9	4.2	14.0	4.0	13.2	3.7		
		22	6.8	3.4	8.8	3.6	11.1	3.8	12.1	3.9	13.5	4.1	14.7	4.2	15.8	4.3	15.6	4.3	14.3	4.1	13.5	3.9	12.7	3.7		
		24	6.2	3.2	8.1	3.4	10.2	3.6	11.1	3.6	12.3	3.8	13.5	4.0	14.5	4.0	14.3	4.0	13.1	3.8	12.3	3.6	11.6	3.4		
		25	6.1	3.2	7.9	3.3	9.9	3.5	10.8	3.6	12.1	3.8	13.2	3.9	14.2	4.0	13.9	3.9	12.8	3.8	12.1	3.6	11.4	3.4		
		27	5.7	2.9	7.3	3.0	9.2	3.2	10.1	3.2	11.2	3.4	12.3	3.5	13.2	3.6	13.0	3.6	11.9	3.4	11.2	3.2	10.6	3.1		
Medium	2100	16	7.4	3.7	9.6	3.9	12.1	4.1	13.2	4.2	14.7	4.4	16.1	4.6	17.3	4.7	17.0	4.6	15.6	4.4	14.7	4.2	13.8	4.0		
		18	7.3	3.7	9.4	3.8	11.9	4.0	12.9	4.1	14.4	4.3	15.8	4.5	17.0	4.6	16.7	4.5	15.3	4.3	14.4	4.1	13.6	3.9		
		20	7.0	3.6	9.0	3.7	11.3	3.9	12.3	4.0	13.7	4.2	15.0	4.4	16.2	4.4	15.9	4.4	14.6	4.2	13.7	4.0	12.9	3.8		
		22	6.7	3.5	8.7	3.6	11.0	3.8	12.0	3.9	13.3	4.1	14.6	4.3	15.7	4.4	15.4	4.3	14.1	4.1	13.3	3.9	12.5	3.7		
		24	6.2	3.3	8.0	3.4	10.1	3.6	11.0	3.7	12.2	3.9	13.4	4.1	14.4	4.1	14.1	4.1	13.0	3.9	12.2	3.7	11.5	3.5		
		25	6.0	3.2	7.8	3.4	9.8	3.6	10.7	3.6	12.0	3.8	13.1	4.0	14.1	4.0	13.8	4.0	12.7	3.8	12.0	3.6	11.3	3.4		
		27	5.6	3.0	7.3	3.1	9.2	3.2	10.0	3.3	11.1	3.5	12.2	3.6	13.1	3.7	12.9	3.7	11.8	3.5	11.1	3.3	10.5	3.1		
Low	1900	16	7.3	3.8	9.4	3.9	11.9	4.2	12.9	4.3	14.4	4.5	15.7	4.7	16.9	4.8	16.6	4.7	15.2	4.5	14.4	4.3	13.5	4.0		
		18	7.1	3.7	9.2	3.9	11.6	4.1	12.7	4.2	14.1	4.4	15.5	4.6	16.6	4.7	16.3	4.6	15.0	4.4	14.1	4.2	13.3	4.0		
		20	6.7	3.6	8.7	3.7	11.0	3.9	11.9	4.0	13.3	4.3	14.6	4.4	15.7	4.5	15.4	4.4	14.1	4.3	13.3	4.0	12.5	3.8		
		22	6.6	3.6	8.5	3.7	10.8	3.9	11.7	4.0	13.1	4.2	14.3	4.4	15.4	4.4	15.1	4.4	13.8	4.2	13.1	4.0	12.3	3.8		
		24	6.1	3.4	7.8	3.5	9.9	3.7	10.7	3.8	12.0	4.0	13.1	4.1	14.1	4.2	13.9	4.2	12.7	4.0	12.0	3.8	11.3	3.6		
		25	5.9	3.3	7.7	3.4	9.7	3.6	10.5	3.7	11.7	3.9	12.8	4.0	13.8	4.1	13.6	4.1	12.4	3.9	11.7	3.7	11.0	3.5		
		27	5.5	3.0	7.1	3.1	9.0	3.3	9.8	3.4	10.9	3.6	12.0	3.7	12.9	3.8	12.6	3.7	11.6	3.6	10.9	3.4	10.3	3.2		

Outdoor Unit:GUHD48NK3C1O/GUHD48NM3C1O Indoor Unit:GTH48K3CI

Fan Speed	AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
			-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	2300	16	7.3	3.7	9.4	3.8	11.9	4.1	12.9	4.1	14.4	4.4	15.8	4.5	17.0	4.6	16.7	4.6	15.3	4.4	14.4	4.1	13.6	3.9		
		18	7.2	3.6	9.3	3.8	11.6	4.0	12.7	4.1	14.1	4.3	15.5	4.4	16.6	4.5	16.4	4.5	15.0	4.3	14.1	4.1	13.3	3.8		
		20	6.9	3.5	8.9	3.7	11.2	3.9	12.2	4.0	13.6	4.2	14.9	4.3	16.0	4.4	15.7	4.4	14.4	4.2	13.6	4.0	12.8	3.8		
		22	6.6	3.5	8.5	3.6	10.8	3.8	11.7	3.9	13.1	4.1	14.3	4.3	15.4	4.3	15.1	4.3	13.8	4.1	13.1	3.9	12.3	3.7		
		24	6.1	3.3	7.8	3.4	9.9	3.6	10.7	3.7	12.0	3.9	13.1	4.0	14.1	4.1	13.8	4.0	12.7	3.9	12.0	3.7	11.3	3.5		
		25	5.9	3.2	7.7	3.3	9.6	3.5	10.5	3.6	11.7	3.8	12.8	3.9	13.8	4.0	13.5	3.9	12.4	3.8	11.7	3.6	11.0	3.4		
		27	5.5	2.9	7.1	3.0	9.0	3.2	9.8	3.3	10.9	3.5	11.9	3.6	12.8	3.6	12.6	3.6	11.5	3.5	10.9	3.3	10.2	3.1		
Medium	2100	16	7.2	3.8	9.3	3.9	11.7	4.1	12.8	4.2	14.3	4.5	15.6	4.6	16.8	4.7	16.5	4.7	15.1	4.5	14.3	4.2	13.4	4.0		
		18	7.1	3.7	9.2	3.8	11.5	4.1	12.5	4.1	14.0	4.4	15.3	4.5	16.5	4.6	16.2	4.6	14.8	4.4	14.0	4.1	13.2	3.9		
		20	6.7	3.6	8.7	3.7	11.0	3.9	11.9	4.0	13.3	4.3	14.6	4.4	15.7	4.5	15.4	4.4	14.1	4.3	13.3	4.0	12.5	3.8		
		22	6.5	3.5	8.5	3.6	10.6	3.9	11.6	3.9	12.9	4.2	14.1	4.3	15.2	4.4	15.0	4.3	13.7	4.2	12.9	3.9	12.2	3.7		
		24	6.0	3.3	7.8	3.5	9.8	3.7	10.6	3.7	11.9	4.0	13.0	4.1	14.0	4.2	13.7	4.1	12.6	4.0	11.9	3.7	11.2	3.5		
		25	5.9	3.3	7.6	3.4	9.5	3.6	10.4	3.7	11.6	3.9	12.7	4.0	13.6	4.1	13.4	4.0	12.3	3.9	11.6	3.7	10.9	3.5		
		27	5.5	3.0	7.1	3.1	8.9	3.3	9.7	3.3	10.8	3.5	11.8	3.6	12.7	3.7	12.5	3.7	11.4	3.5	10.8	3.3	10.2	3.2		
Low	1900	16	7.1	3.8	9.1	4.0	11.5	4.2	12.5	4.3	14.0	4.6	15.3	4.7	16.4	4.8	16.1	4.7	14.8	4.6	14.0	4.3	13.1	4.1		
		18	6.9	3.8	9.0	3.9	11.3	4.1	12.3	4.2	13.7	4.5	15.0	4.6	16.1	4.7	15.8	4.7	14.5	4.5	13.7	4.2	12.9	4.0		
		20	6.5	3.6	8.5	3.8	10.6	4.0	11.6	4.1	12.9	4.3	14.1	4.4	15.2	4.5	14.9	4.5	13.7	4.3	12.9	4.1	12.2	3.8		
		22	6.4	3.6	8.3	3.7	10.4	3.9	11.4	4.0	12.7	4.2	13.9	4.4	14.9	4.5	14.6	4.4	13.4	4.2	12.7	4.0	11.9	3.8		
		24	5.9	3.4	7.6	3.5	9.6	3.7	10.4	3.8	11.6	4.0	12.7	4.2	13.7	4.2	13.4	4.2	12.3	4.0	11.6	3.8	10.9	3.6		
		25	5.8	3.3	7.4	3.5	9.4	3.7	10.2	3.7	11.4	3.9	12.4	4.1	13.4	4.2	13.1	4.1	12.0	3.9	11.4	3.7	10.7	3.5		
		27	5.4	3.0	6.9	3.2	8.7	3.3	9.5	3.4	10.6	3.6	11.6	3.7	12.5	3.8	12.3	3.8	11.2	3.6	10.6	3.4	10.0	3.2		

Outdoor Unit:GUHD60NK3C1O/GUHD60NM3C1O Indoor Unit:GTH60K3CI

Fan Speed	AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
			-15/-16		-10/-11		-7/-8		-5/-7		0/-2		5/3		7/6		10/8		15/10		20/15		24/18			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	2300	16	8.0	4.0	10.3	4.2	13.0	4.4	14.1	4.5	15.8	4.8	17.3	4.9	18.6	5.0	18.2	5.0	16.7	4.8	15.8	4.5	14.8	4.3		
		18	7.8	3.9	10.1	4.1	12.7	4.3	13.9	4.4	15.5	4.7	16.9	4.8	18.2	4.9	17.9	4.9	16.4	4.7	15.5	4.4	14.6	4.2		
		20	7.5	3.9	9.7	4.0	12.3	4.3	13.3	4.4	14.9	4.6	16.3	4.7	17.5	4.8	17.2	4.8	15.8	4.6	14.9	4.4	14.0	4.1		
		22	7.2	3.8	9.3	3.9	11.8	4.2	12.8	4.3	14.3	4.5	15.6	4.6	16.8	4.7	16.5	4.7	15.1	4.5	14.3	4.3	13.4	4.0		
		24	6.6	3.6	8.6	3.7	10.8	3.9	11.7	4.0	13.1	4.2	14.3	4.4	15.4	4.5	15.1	4.4	13.9	4.2	13.1	4.0	12.3	3.8		
		25	6.5	3.5	8.4	3.6	10.5	3.8	11.5	3.9	12.8	4.1	14.0	4.3	15.1	4.4	14.8	4.3	13.5	4.1	12.8	3.9	12.0	3.7		
		27	6.0	3.2	7.8	3.3	9.8	3.5	10.7	3.6	11.9	3.8	13.0	3.9	14.0	4.0	13.8	3.9	12.6	3.8	11.9	3.6	11.2	3.4		
Medium	2100	16	7.9	4.1	10.2	4.3	12.8	4.5	14.0	4.6	15.6	4.9	17.1	5.0	18.4	5.1	18.0	5.1	16.5	4.9	15.6	4.6	14.7	4.4		
		18	7.7	4.0	10.0	4.2	12.6	4.4	13.7	4.5	15.3	4.8	16.7	4.9	18.0	5.0	17.7	5.0	16.2	4.8	15.3	4.5	14.4	4.3		
		20	7.4	3.9	9.5	4.1	12.0	4.3	13.1	4.4	14.6	4.6	15.9	4.8	17.2	4.9	16.9	4.8	15.4	4.6	14.6	4.4	13.7	4.2		
		22	7.2	3.8	9.2	4.0	11.6	4.2	12.7	4.3	14.1	4.6	15.5	4.7	16.6	4.8	16.4	4.7	15.0	4.6	14.1	4.3	13.3	4.1		
		24	6.6	3.6	8.5	3.8	10.7	4.0	11.6	4.1	13.0	4.3	14.2	4.5	15.3	4.5	15.0	4.5	13.7	4.3	13.0	4.1	12.2	3.9		
		25	6.4	3.6	8.3	3.7	10.4	3.9	11.4	4.0	12.7	4.2	13.9	4.4	14.9	4.4	14.7	4.4	13.4	4.2	12.7	4.0	11.9	3.8		
		27	6.0	3.2	7.7	3.4	9.7	3.6	10.6	3.7	11.8	3.9	12.9	4.0	13.9	4.1	13.7	4.0	12.5	3.9	11.8	3.7	11.1	3.4		
Low	1900	16	7.7	4.2	10.0	4.3	12.6	4.6	13.7	4.7	15.3	5.0	16.7	5.1	18.0	5.2	17.6	5.2	16.2	5.0	15.3	4.7	14.4	4.4		
		18	7.6	4.1	9.8	4.3	12.3	4.5	13.4	4.6	15.0	4.9	16.4	5.0	17.6	5.1	17.3	5.1	15.9	4.9	15.0	4.6	14.1	4.4		
		20	7.1	3.9	9.2	4.1	11.6	4.3	12.7	4.4	14.1	4.7	15.5	4.8	16.6	4.9	16.3	4.9	15.0	4.7	14.1	4.4	13.3	4.2		
		22	7.0	3.9	9.1	4.1	11.4	4.3	12.4	4.4	13.8	4.6	15.2	4.8	16.3	4.9	16.0	4.8	14.7	4.6	13.8	4.4	13.0	4.2		
		24	6.4	3.7	8.3	3.9	10.5	4.1	11.4	4.2	12.7	4.4	13.9	4.5	15.0	4.6	14.7	4.6	13.5	4.4	12.7	4.2	12.0	3.9		
		25	6.3	3.6	8.1	3.8	10.2	4.0	11.1	4.1	12.4	4.3	13.6	4.5	14.6	4.5	14.4	4.5	13.2	4.3	12.4	4.1	11.7	3.9		
		27	5.9	3.3	7.6	3.4	9.5	3.6	10.4	3.7	11.6	3.9	12.7	4.1	13.6	4.1	13.4	4.1	12.3	3.9	11.6	3.7	10.9	3.5		

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4.5 Cooling Performance(English Units)

English Units																	
DB: Dry Bulb Temperature(°F) WB: Wet Bulb Temperature(°F) AFR: Air Flow Rate(Unit:CFM)																	
TC: Total Capacity(Unit:MBH=1000Btu/h) SHC: Sensible Heat Capacity(Unit:MBH=1000Btu/h)																	
PI: Power Input(Unit:kW), Sum of Compressor, Outdoor Fan Power Input&Indoor Fan Power Input																	

4.5.1 GUHD*N*CO with GFH*K3CI

Outdoor Unit:GUHD09NK3CO Indoor Unit:GFH09K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)														
	DB(°F)	WB(°F)	64.4			69.8			77			86			95		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
377	64.4	48.2	4.2	1.9	0.4	4.4	2.2	0.4	5.2	2.7	0.4	5.4	2.9	0.5	5.6	3.2	0.6
		53.6	4.3	1.3	0.4	4.6	1.4	0.4	5.4	1.7	0.5	5.6	1.9	0.5	5.8	2.1	0.6
		59.0	5.2	1.3	0.4	5.6	1.5	0.5	6.5	1.8	0.5	6.7	2.0	0.6	6.9	2.2	0.7
	69.8	53.6	5.2	2.9	0.5	5.5	3.3	0.5	6.4	4.1	0.5	6.7	4.5	0.6	6.9	4.9	0.7
		59.0	5.3	2.4	0.5	5.7	2.7	0.5	6.6	3.3	0.5	6.9	3.7	0.6	7.1	4.0	0.7
		66.2	6.2	1.9	0.5	6.6	2.1	0.5	7.6	2.6	0.6	8.0	2.9	0.7	8.2	3.1	0.8
	75.2	60.8	5.5	3.0	0.5	5.9	3.4	0.5	6.9	4.2	0.5	7.2	4.6	0.6	7.4	5.0	0.7
		66.2	6.3	2.9	0.5	6.7	3.3	0.5	7.8	4.1	0.6	8.1	4.5	0.7	8.4	4.8	0.8
		73.4	6.2	1.4	0.5	6.6	1.5	0.6	7.7	1.9	0.6	8.0	2.1	0.7	8.2	2.3	0.8
	80.6	60.8	5.8	3.7	0.5	6.2	4.2	0.5	7.2	5.2	0.6	7.5	5.7	0.6	7.7	6.2	0.8
		66.2	6.4	3.7	0.5	6.9	4.2	0.5	8.0	5.2	0.6	8.3	5.7	0.7	8.6	6.2	0.8
		73.4	6.8	2.5	0.5	7.3	2.8	0.6	8.4	3.5	0.6	8.8	3.9	0.7	9.1	4.2	0.8
84.2	66.2	6.6	4.0	0.5	7.0	4.5	0.6	8.1	5.5	0.6	8.5	6.1	0.7	8.7	6.6	0.8	
	60.8	6.1	4.2	0.5	6.5	4.7	0.5	7.6	5.8	0.6	7.9	6.4	0.7	8.1	7.0	0.8	
	66.2	6.6	4.2	0.5	7.1	4.8	0.6	8.2	5.9	0.6	8.6	6.5	0.7	8.8	7.1	0.8	
86.0	73.4	6.9	3.5	0.5	7.4	3.9	0.6	8.6	4.8	0.6	9.0	5.3	0.7	9.3	5.8	0.8	
	60.8	6.4	4.5	0.5	6.8	5.1	0.5	7.9	6.3	0.6	8.3	6.9	0.7	8.5	7.5	0.8	
	66.2	6.8	4.8	0.5	7.3	5.4	0.6	8.4	6.6	0.6	8.8	7.3	0.7	9.1	7.9	0.8	
89.6	73.4	7.5	4.6	0.5	8.0	5.3	0.6	9.4	6.5	0.6	9.8	7.1	0.7	10.1	7.7	0.8	
	60.8	6.4	4.5	0.5	6.8	5.1	0.5	7.9	6.3	0.6	8.3	6.9	0.7	8.5	7.5	0.8	
	66.2	6.8	4.8	0.5	7.3	5.4	0.6	8.4	6.6	0.6	8.8	7.3	0.7	9.1	7.9	0.8	
424	64.4	48.2	4.4	2.1	0.4	4.7	2.4	0.4	5.4	3.0	0.4	5.7	3.2	0.5	5.9	3.5	0.6
		53.6	4.6	1.4	0.4	4.9	1.6	0.4	5.6	1.9	0.5	5.9	2.1	0.5	6.1	2.3	0.6
		59.0	5.5	1.4	0.4	5.9	1.6	0.5	6.8	2.0	0.5	7.1	2.2	0.6	7.3	2.4	0.7
	69.8	53.6	5.5	3.2	0.5	5.8	3.6	0.5	6.8	4.5	0.5	7.1	4.9	0.6	7.3	5.3	0.7
		59.0	5.6	2.6	0.5	6.0	3.0	0.5	6.9	3.7	0.5	7.2	4.0	0.6	7.5	4.4	0.7
		66.2	6.5	2.1	0.5	6.9	2.4	0.5	8.1	2.9	0.6	8.4	3.2	0.7	8.7	3.5	0.8
	75.2	60.8	5.8	3.3	0.5	6.2	3.7	0.5	7.2	4.6	0.5	7.6	5.1	0.6	7.8	5.5	0.7
		66.2	6.6	3.2	0.5	7.1	3.6	0.5	8.2	4.5	0.6	8.6	4.9	0.7	8.8	5.3	0.8
		73.4	6.5	1.5	0.5	6.9	1.7	0.6	8.1	2.1	0.6	8.4	2.3	0.7	8.7	2.5	0.8
	80.6	60.8	6.1	4.1	0.5	6.5	4.7	0.5	7.6	5.7	0.6	7.9	6.3	0.7	8.1	6.9	0.8
		66.2	6.8	4.1	0.5	7.2	4.6	0.6	8.4	5.7	0.6	8.8	6.3	0.7	9.0	6.8	0.8
		73.4	7.2	2.8	0.5	7.7	3.1	0.6	8.9	3.9	0.6	9.3	4.3	0.7	9.6	4.6	0.8
84.2	66.2	6.9	4.4	0.5	7.4	5.0	0.6	8.6	6.1	0.6	8.9	6.7	0.7	9.2	7.3	0.8	
	60.8	6.4	4.6	0.5	6.8	5.2	0.5	8.0	6.4	0.6	8.3	7.1	0.7	8.6	7.7	0.8	
	66.2	7.0	4.7	0.5	7.4	5.3	0.6	8.6	6.5	0.6	9.0	7.2	0.7	9.3	7.8	0.8	
86.0	73.4	7.3	3.8	0.5	7.8	4.3	0.6	9.1	5.3	0.6	9.5	5.9	0.7	9.8	6.4	0.8	
	60.8	6.7	5.0	0.5	7.2	5.6	0.6	8.4	6.9	0.6	8.7	7.6	0.7	9.0	8.3	0.8	
	66.2	7.2	5.2	0.5	7.7	5.9	0.6	8.9	7.3	0.6	9.3	8.0	0.7	9.6	8.7	0.8	
89.6	73.4	7.5	4.8	0.5	8.0	5.5	0.6	9.4	6.8	0.6	9.8	7.4	0.7	10.1	8.1	0.8	
	60.8	6.7	5.0	0.5	7.2	5.6	0.6	8.4	6.9	0.6	8.7	7.6	0.7	9.0	8.3	0.8	
	66.2	7.2	5.2	0.5	7.7	5.9	0.6	8.9	7.3	0.6	9.3	8.0	0.7	9.6	8.7	0.8	
471	64.4	48.2	4.5	2.3	0.4	4.8	2.6	0.4	5.6	3.2	0.4	5.8	3.6	0.5	6.0	3.9	0.6
		53.6	4.6	1.5	0.4	5.0	1.7	0.4	5.8	2.1	0.5	6.0	2.3	0.5	6.2	2.5	0.6
		59.0	5.6	1.6	0.4	6.0	1.8	0.5	6.9	2.2	0.5	7.2	2.4	0.6	7.5	2.6	0.7
	69.8	53.6	5.6	3.5	0.5	5.9	4.0	0.5	6.9	4.9	0.5	7.2	5.4	0.6	7.4	5.9	0.7
		59.0	5.7	2.9	0.5	6.1	3.3	0.5	7.1	4.0	0.5	7.4	4.4	0.6	7.6	4.8	0.7
		66.2	6.6	2.3	0.5	7.1	2.6	0.5	8.2	3.2	0.6	8.6	3.5	0.7	8.8	3.8	0.8
	75.2	60.8	6.0	3.6	0.5	6.4	4.1	0.5	7.4	5.0	0.5	7.7	5.6	0.6	7.9	6.0	0.7
		66.2	6.8	3.5	0.5	7.2	4.0	0.6	8.4	4.9	0.6	8.8	5.4	0.7	9.0	5.9	0.8
		73.4	6.6	1.7	0.5	7.1	1.9	0.6	8.2	2.3	0.6	8.6	2.5	0.7	8.8	2.8	0.8
	80.6	60.8	6.2	4.5	0.5	6.6	5.1	0.5	7.7	6.3	0.6	8.0	6.9	0.7	8.3	7.5	0.8
		66.2	6.9	4.5	0.5	7.4	5.1	0.6	8.6	6.2	0.6	8.9	6.9	0.7	9.2	7.5	0.8
		73.4	7.3	3.0	0.5	7.8	3.4	0.6	9.1	4.2	0.6	9.5	4.7	0.7	9.8	5.1	0.8
84.2	66.2	7.0	4.8	0.5	7.5	5.4	0.6	8.7	6.7	0.6	9.1	7.4	0.7	9.4	8.0	0.8	
	60.8	6.5	5.0	0.5	7.0	5.7	0.5	8.1	7.0	0.6	8.5	7.7	0.7	8.7	8.4	0.8	
	66.2	7.1	5.1	0.5	7.6	5.8	0.6	8.8	7.1	0.6	9.2	7.9	0.7	9.5	8.5	0.8	
86.0	73.4	7.5	4.2	0.5	8.0	4.8	0.6	9.3	5.8	0.6	9.7	6.4	0.7	10.0	7.0	0.8	
	60.8	6.9	5.5	0.5	7.3	6.2	0.6	8.5	7.6	0.6	8.9	8.4	0.7	9.2	9.1	0.8	
	66.2	7.3	5.7	0.5	7.8	6.5	0.6	9.1	8.0	0.6	9.5	8.8	0.7	9.8	9.6	0.8	
89.6	73.4	7.5	5.2	0.5	8.0	5.9	0.6	9.4	7.3	0.6	9.8	8.0	0.7	10.1	8.7	0.8	

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			64.4			69.8			77			86			95		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
518	64.4	48.2	4.6	1.7	0.4	4.9	1.9	0.4	5.7	2.4	0.4	5.9	2.6	0.5	6.1	4.1	0.6
		53.6	4.7	1.1	0.4	5.1	1.3	0.4	5.9	1.6	0.5	6.1	1.7	0.5	6.3	2.7	0.6
		59.0	5.7	1.1	0.4	6.1	1.3	0.5	7.1	1.6	0.5	7.4	1.8	0.6	7.6	2.7	0.7
	69.8	53.6	5.7	2.6	0.5	6.1	2.9	0.5	7.0	3.6	0.5	7.4	4.0	0.6	7.6	6.2	0.7
		59.0	5.8	2.1	0.5	6.2	2.4	0.5	7.2	3.0	0.6	7.5	3.2	0.6	7.8	5.0	0.7
		66.2	6.8	1.7	0.5	7.2	1.9	0.6	8.4	2.3	0.6	8.8	2.6	0.7	9.0	4.0	0.8
	75.2	60.8	6.1	2.7	0.5	6.5	3.0	0.5	7.5	3.7	0.6	7.9	4.1	0.6	8.1	6.3	0.7
		66.2	6.9	2.6	0.5	7.4	2.9	0.6	8.6	3.6	0.6	8.9	4.0	0.7	9.2	6.1	0.8
		73.4	6.8	1.2	0.5	7.2	1.4	0.6	8.4	1.7	0.6	8.8	1.9	0.7	9.0	2.9	0.8
	80.6	60.8	6.3	3.3	0.5	6.8	3.8	0.5	7.9	4.6	0.6	8.2	5.1	0.7	8.5	7.9	0.8
		66.2	7.0	3.3	0.5	7.5	3.7	0.6	8.7	4.6	0.6	9.1	5.0	0.7	9.4	7.8	0.8
		73.4	7.5	2.2	0.5	8.0	2.5	0.6	9.3	3.1	0.6	9.7	3.4	0.7	10.0	5.3	0.8
	84.2	66.2	7.2	3.5	0.5	7.7	4.0	0.6	8.9	4.9	0.6	9.3	5.4	0.7	9.6	8.4	0.8
		60.8	6.7	3.7	0.5	7.1	4.2	0.6	8.3	5.2	0.6	8.6	5.7	0.7	8.9	8.8	0.8
		66.2	7.3	3.8	0.5	7.7	4.3	0.6	9.0	5.2	0.6	9.4	5.8	0.7	9.7	9.0	0.8
	86.0	73.4	7.6	3.1	0.5	8.1	3.5	0.6	9.5	4.3	0.6	9.9	4.7	0.7	10.2	7.3	0.8
		60.8	7.0	4.0	0.5	7.5	4.5	0.6	8.7	5.6	0.6	9.1	6.1	0.7	9.4	9.5	0.8
		66.2	7.5	4.2	0.5	8.0	4.8	0.6	9.3	5.9	0.6	9.7	6.5	0.7	10.0	10.1	0.8
89.6	73.4	7.5	3.7	0.5	8.0	4.2	0.6	9.4	5.2	0.6	9.8	5.8	0.7	10.1	8.9	0.8	
	64.4	48.2	4.6	1.2	0.4	4.9	1.4	0.4	5.7	1.7	0.5	6.0	1.9	0.5	6.1	4.1	0.6
	53.6	4.8	0.8	0.4	5.1	0.9	0.4	5.9	1.1	0.5	6.2	1.2	0.5	6.4	2.7	0.6	
565	64.4	59.0	5.8	0.8	0.5	6.1	0.9	0.5	7.1	1.2	0.5	7.5	1.3	0.6	7.7	2.8	0.7
		53.6	5.7	1.9	0.5	6.1	2.1	0.5	7.1	2.6	0.5	7.4	2.9	0.6	7.7	6.2	0.7
		59.0	5.9	1.5	0.5	6.3	1.7	0.5	7.3	2.1	0.6	7.6	2.4	0.6	7.8	5.1	0.7
	69.8	66.2	6.8	1.2	0.5	7.3	1.4	0.6	8.5	1.7	0.6	8.8	1.9	0.7	9.1	4.0	0.8
		60.8	6.1	1.9	0.5	6.5	2.2	0.5	7.6	2.7	0.6	7.9	3.0	0.6	8.2	6.4	0.7
		66.2	7.0	1.9	0.5	7.4	2.1	0.6	8.6	2.6	0.6	9.0	2.9	0.7	9.3	6.2	0.8
	75.2	73.4	6.8	0.9	0.5	7.3	1.0	0.6	8.5	1.2	0.6	8.8	1.4	0.7	9.1	2.9	0.8
		60.8	6.4	2.4	0.5	6.8	2.7	0.6	7.9	3.4	0.6	8.3	3.7	0.7	8.5	8.0	0.8
		66.2	7.1	2.4	0.5	7.6	2.7	0.6	8.8	3.3	0.6	9.2	3.7	0.7	9.5	7.9	0.8
	80.6	73.4	7.5	1.6	0.5	8.0	1.8	0.6	9.4	2.3	0.6	9.8	2.5	0.7	10.1	5.4	0.8
		66.2	7.3	2.6	0.5	7.7	2.9	0.6	9.0	3.6	0.6	9.4	3.9	0.7	9.7	8.5	0.8
		60.8	6.7	2.7	0.5	7.2	3.0	0.6	8.4	3.8	0.6	8.7	4.1	0.7	9.0	8.9	0.8
	84.2	66.2	7.3	2.7	0.5	7.8	3.1	0.6	9.1	3.8	0.6	9.5	4.2	0.7	9.8	9.1	0.8
		73.4	7.7	2.2	0.5	8.2	2.5	0.6	9.5	3.1	0.6	10.0	3.4	0.7	10.3	7.4	0.8
		60.8	7.1	2.9	0.5	7.6	3.3	0.6	8.8	4.1	0.6	9.2	4.5	0.7	9.5	9.6	0.8
	86.0	66.2	7.5	3.1	0.5	8.0	3.5	0.6	9.4	4.3	0.6	9.8	4.7	0.7	10.1	10.2	0.8
		73.4	7.5	2.7	0.5	8.0	3.1	0.6	9.4	3.8	0.6	9.8	4.1	0.7	10.1	8.9	0.8
		73.4	7.5	2.7	0.5	8.0	3.1	0.6	9.4	3.8	0.6	9.8	4.1	0.7	10.1	8.9	0.8

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AFR	Indoor temperature		Outdoor temperature DB (°F)												
			102.2			109.4			114.8			118.4			
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
377	64.4	48.2	5.4	3.2	0.6	4.4	2.6	0.5	4.2	2.5	0.5	3.9	2.4	0.5	
		53.6	5.6	2.1	0.7	4.6	1.7	0.5	4.3	1.6	0.5	4.0	1.6	0.5	
		59.0	6.8	2.1	0.7	5.6	1.8	0.6	5.2	1.7	0.6	4.9	1.6	0.6	
	69.8	53.6	6.8	4.8	0.8	5.5	4.0	0.6	5.2	3.8	0.6	4.8	3.6	0.6	
		59.0	6.9	3.9	0.8	5.7	3.3	0.6	5.3	3.1	0.6	5.0	3.0	0.6	
		66.2	8.1	3.1	0.8	6.6	2.6	0.7	6.2	2.5	0.7	5.8	2.4	0.7	
	75.2	60.8	7.2	4.9	0.8	5.9	4.1	0.6	5.5	3.9	0.6	5.2	3.7	0.6	
		66.2	8.2	4.8	0.8	6.7	4.0	0.7	6.3	3.8	0.7	5.9	3.6	0.7	
		73.4	8.1	2.3	0.9	6.6	1.9	0.7	6.2	1.8	0.7	5.8	1.7	0.7	
	80.6	60.8	7.6	6.2	0.8	6.2	5.1	0.7	5.8	4.9	0.6	5.4	4.7	0.7	
		66.2	8.4	6.1	0.9	6.9	5.1	0.7	6.4	4.9	0.7	6.0	4.6	0.7	
		73.4	8.9	4.1	0.9	7.3	3.5	0.7	6.8	3.3	0.7	6.4	3.1	0.7	
	84.2	66.2	8.6	6.5	0.9	7.0	5.5	0.7	6.6	5.2	0.7	6.1	5.0	0.7	
		60.8	8.0	6.9	0.8	6.5	5.7	0.7	6.1	5.4	0.7	5.7	5.1	0.7	
		66.2	8.6	7.0	0.9	7.1	5.8	0.7	6.6	5.6	0.7	6.2	5.3	0.7	
	86.0	73.4	9.1	5.7	0.9	7.4	4.8	0.7	6.9	4.6	0.7	6.5	4.3	0.7	
		60.8	8.4	7.4	0.9	6.8	6.1	0.7	6.4	5.7	0.7	6.0	5.3	0.7	
		66.2	8.9	7.8	0.9	7.3	6.5	0.7	6.8	6.1	0.7	6.4	5.7	0.7	
89.6	73.4	9.9	7.6	0.9	8.0	6.4	0.7	7.5	6.1	0.7	7.0	5.8	0.7		
	60.8	8.4	7.4	0.9	6.8	6.1	0.7	6.4	5.7	0.7	6.0	5.3	0.7		
	66.2	8.9	7.8	0.9	7.3	6.5	0.7	6.8	6.1	0.7	6.4	5.7	0.7		
424	64.4	48.2	5.7	3.5	0.6	4.7	2.9	0.5	4.4	2.8	0.5	4.1	2.6	0.5	
		53.6	5.9	2.3	0.7	4.9	1.9	0.6	4.6	1.8	0.5	4.2	1.7	0.5	
		59.0	7.2	2.3	0.7	5.9	2.0	0.6	5.5	1.9	0.6	5.1	1.8	0.6	
	69.8	53.6	7.1	5.3	0.8	5.8	4.4	0.6	5.5	4.2	0.6	5.1	4.0	0.6	
		59.0	7.3	4.3	0.8	6.0	3.6	0.6	5.6	3.4	0.6	5.2	3.3	0.6	
		66.2	8.5	3.4	0.8	6.9	2.9	0.7	6.5	2.7	0.7	6.1	2.6	0.7	
	75.2	60.8	7.6	5.4	0.8	6.2	4.5	0.6	5.8	4.3	0.6	5.5	4.1	0.6	
		66.2	8.7	5.3	0.9	7.1	4.4	0.7	6.6	4.2	0.7	6.2	4.0	0.7	
		73.4	8.5	2.5	0.9	6.9	2.1	0.7	6.5	2.0	0.7	6.1	1.9	0.7	
	80.6	60.8	8.0	6.8	0.8	6.5	5.6	0.7	6.1	5.4	0.7	5.7	5.1	0.7	
		66.2	8.8	6.7	0.9	7.2	5.6	0.7	6.8	5.4	0.7	6.3	5.1	0.7	
		73.4	9.4	4.6	0.9	7.7	3.8	0.7	7.2	3.6	0.7	6.7	3.5	0.7	
	84.2	66.2	9.0	7.2	0.9	7.4	6.0	0.7	6.9	5.7	0.7	6.4	5.5	0.7	
		60.8	8.4	7.6	0.8	6.8	6.3	0.7	6.4	6.0	0.7	6.0	5.6	0.7	
		66.2	9.1	7.7	0.9	7.4	6.4	0.7	7.0	6.1	0.7	6.5	5.8	0.7	
	86.0	73.4	9.6	6.3	0.9	7.8	5.2	0.7	7.3	5.0	0.7	6.8	4.8	0.7	
		60.8	8.8	8.2	0.9	7.2	6.7	0.7	6.7	6.3	0.7	6.3	5.9	0.7	
		66.2	9.4	8.6	0.9	7.7	7.1	0.7	7.2	6.7	0.7	6.7	6.2	0.7	
89.6	73.4	9.9	8.0	0.9	8.0	6.6	0.7	7.5	6.4	0.7	7.0	6.0	0.7		
	48.2	5.9	3.8	0.6	4.8	3.2	0.5	4.5	3.0	0.5	4.2	2.9	0.5		
	53.6	6.1	2.5	0.7	5.0	2.1	0.6	4.6	2.0	0.5	4.3	1.9	0.5		
471	64.4	59.0	7.3	2.6	0.7	6.0	2.1	0.6	5.6	2.0	0.6	5.2	1.9	0.6	
		53.6	7.3	5.8	0.8	5.9	4.8	0.6	5.6	4.6	0.6	5.2	4.4	0.6	
		59.0	7.5	4.8	0.8	6.1	4.0	0.7	5.7	3.8	0.6	5.3	3.6	0.6	
	69.8	66.2	8.7	3.8	0.9	7.1	3.1	0.7	6.6	3.0	0.7	6.2	2.8	0.7	
		60.8	7.8	6.0	0.8	6.4	5.0	0.7	6.0	4.7	0.6	5.6	4.5	0.6	
		66.2	8.8	5.8	0.9	7.2	4.8	0.7	6.8	4.6	0.7	6.3	4.4	0.7	
	75.2	73.4	8.7	2.7	0.9	7.1	2.3	0.7	6.6	2.2	0.7	6.2	2.1	0.7	
		60.8	8.1	7.4	0.8	6.6	6.2	0.7	6.2	5.9	0.7	5.8	5.6	0.7	
		66.2	9.0	7.4	0.9	7.4	6.1	0.7	6.9	5.9	0.7	6.4	5.6	0.7	
	80.6	73.4	9.6	5.0	0.9	7.8	4.2	0.7	7.3	4.0	0.7	6.8	3.8	0.7	
		84.2	66.2	9.2	7.9	0.9	7.5	6.6	0.7	7.0	6.3	0.7	6.6	6.0	0.7
		60.8	8.6	8.3	0.9	7.0	6.9	0.7	6.5	6.5	0.7	6.1	6.1	0.7	
	86.0	66.2	9.3	8.4	0.9	7.6	7.0	0.7	7.1	6.7	0.7	6.6	6.4	0.7	
		73.4	9.8	6.9	0.9	8.0	5.8	0.7	7.5	5.5	0.7	7.0	5.2	0.7	
		60.8	9.0	9.0	0.9	7.3	7.3	0.7	6.9	6.9	0.7	6.4	6.4	0.7	
	89.6	66.2	9.6	9.5	0.9	7.8	7.8	0.7	7.3	7.3	0.7	6.8	6.8	0.7	
		73.4	9.9	8.6	0.9	8.0	7.1	0.7	7.5	6.8	0.7	7.0	6.5	0.7	

AFR	Indoor temperature		Outdoor temperature DB (°F)											
			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
518	64.4	48.2	6.0	2.8	0.7	4.9	2.3	0.5	4.6	2.2	0.5	4.3	2.1	0.5
		53.6	6.2	1.8	0.7	5.1	1.5	0.6	4.7	1.5	0.5	4.4	1.4	0.5
		59.0	7.5	1.9	0.7	6.1	1.6	0.6	5.7	1.5	0.6	5.3	1.4	0.6
	69.8	53.6	7.4	4.3	0.8	6.1	3.6	0.6	5.7	3.4	0.6	5.3	3.2	0.6
		59.0	7.6	3.5	0.8	6.2	2.9	0.7	5.8	2.8	0.6	5.4	2.6	0.6
		66.2	8.8	2.8	0.9	7.2	2.3	0.7	6.8	2.2	0.7	6.3	2.1	0.7
	75.2	60.8	7.9	4.4	0.8	6.5	3.6	0.7	6.1	3.5	0.6	5.7	3.3	0.6
		66.2	9.0	4.3	0.9	7.4	3.5	0.7	6.9	3.4	0.7	6.4	3.2	0.7
		73.4	8.8	2.0	0.9	7.2	1.7	0.7	6.8	1.6	0.7	6.3	1.5	0.7
	80.6	60.8	8.3	5.5	0.9	6.8	4.6	0.7	6.3	4.4	0.7	5.9	4.1	0.7
		66.2	9.2	5.4	0.9	7.5	4.5	0.7	7.0	4.3	0.7	6.6	4.1	0.7
		73.4	9.8	3.7	0.9	8.0	3.1	0.7	7.5	2.9	0.7	7.0	2.8	0.7
	84.2	66.2	9.4	5.8	0.9	7.7	4.8	0.7	7.2	4.6	0.7	6.7	4.4	0.7
		60.8	8.7	6.1	0.9	7.1	5.1	0.7	6.7	4.8	0.7	6.2	4.5	0.7
		66.2	9.5	6.2	0.9	7.7	5.2	0.7	7.3	4.9	0.7	6.8	4.7	0.7
	86.0	73.4	10.0	5.1	0.9	8.1	4.2	0.7	7.6	4.0	0.7	7.1	3.8	0.7
		60.8	9.2	6.6	0.9	7.5	5.4	0.7	7.0	5.1	0.7	6.6	4.7	0.7
		66.2	9.8	7.0	0.9	8.0	5.7	0.7	7.5	5.4	0.7	7.0	5.0	0.7
	89.6	73.4	9.9	6.2	0.9	8.0	5.1	0.7	7.5	4.9	0.7	7.0	4.7	0.7
		60.8	8.0	2.0	0.7	4.9	1.7	0.5	4.6	1.6	0.5	4.3	1.5	0.5
		53.6	6.3	1.3	0.7	5.1	1.1	0.6	4.8	1.1	0.5	4.5	1.0	0.5
565	64.4	59.0	7.5	1.4	0.8	6.1	1.1	0.6	5.8	1.1	0.6	5.4	1.0	0.6
		53.6	7.5	3.1	0.8	6.1	2.6	0.7	5.7	2.5	0.6	5.4	2.3	0.6
		59.0	7.7	2.5	0.8	6.3	2.1	0.7	5.9	2.0	0.6	5.5	1.9	0.6
	69.8	66.2	8.9	2.0	0.9	7.3	1.7	0.7	6.8	1.6	0.7	6.4	1.5	0.7
		60.8	8.0	3.2	0.8	6.5	2.7	0.7	6.1	2.5	0.6	5.7	2.4	0.6
		66.2	9.1	3.1	0.9	7.4	2.6	0.7	7.0	2.5	0.7	6.5	2.3	0.7
	75.2	73.4	8.9	1.5	0.9	7.3	1.2	0.8	6.8	1.2	0.7	6.4	1.1	0.7
		60.8	8.4	4.0	0.9	6.8	3.3	0.7	6.4	3.2	0.7	6.0	3.0	0.7
		66.2	9.3	3.9	0.9	7.6	3.3	0.7	7.1	3.1	0.7	6.6	3.0	0.7
	80.6	73.4	9.9	2.7	0.9	8.0	2.2	0.7	7.5	2.1	0.7	7.0	2.0	0.7
		66.2	9.5	4.2	0.9	7.7	3.5	0.7	7.3	3.4	0.7	6.8	3.2	0.7
		60.8	8.8	4.4	0.9	7.2	3.7	0.7	6.7	3.5	0.7	6.3	3.3	0.7
	84.2	66.2	9.6	4.5	0.9	7.8	3.8	0.7	7.3	3.6	0.7	6.8	3.4	0.7
		73.4	10.1	3.7	0.9	8.2	3.1	0.8	7.7	2.9	0.7	7.2	2.8	0.7
		60.8	9.3	4.8	0.9	7.6	3.9	0.7	7.1	3.7	0.7	6.6	3.4	0.7
	89.6	66.2	9.9	5.1	0.9	8.0	4.2	0.7	7.5	3.9	0.7	7.0	3.6	0.7
		73.4	9.9	4.5	0.9	8.0	3.7	0.7	7.5	3.5	0.7	7.0	3.4	0.7

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD12NK3CO Indoor Unit:GFH12K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			64.4			69.8			77			86			95		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
396	64.4	48.2	5.4	2.5	0.5	5.8	2.8	0.6	6.7	3.5	0.6	7.0	3.8	0.7	7.2	4.1	0.8
		53.6	5.6	1.6	0.5	6.0	1.8	0.6	6.9	2.3	0.6	7.2	2.5	0.7	7.5	2.7	0.8
		59.0	6.7	1.7	0.6	7.2	1.9	0.6	8.4	2.3	0.7	8.7	2.6	0.8	9.0	2.8	0.9
	69.8	53.6	6.7	3.8	0.6	7.2	4.3	0.7	8.3	5.3	0.7	8.7	5.8	0.8	9.0	6.3	1.0
		59.0	6.9	3.1	0.6	7.3	3.5	0.7	8.5	4.3	0.7	8.9	4.7	0.8	9.2	5.1	1.0
		66.2	8.0	2.4	0.7	8.5	2.8	0.7	9.9	3.4	0.8	10.3	3.8	0.9	10.7	4.1	1.1
	75.2	60.8	7.2	3.9	0.6	7.7	4.4	0.7	8.9	5.4	0.7	9.3	6.0	0.8	9.6	6.5	1.0
		66.2	8.2	3.8	0.7	8.7	4.3	0.7	10.1	5.3	0.8	10.6	5.8	0.9	10.9	6.3	1.1
		73.4	8.0	1.8	0.7	8.5	2.0	0.8	9.9	2.5	0.8	10.3	2.7	0.9	10.7	3.0	1.1
	80.6	60.8	7.5	4.8	0.7	8.0	5.5	0.7	9.3	6.8	0.8	9.7	7.4	0.9	10.0	8.1	1.0
		66.2	8.3	4.8	0.7	8.9	5.4	0.8	10.3	6.7	0.8	10.8	7.4	0.9	11.1	8.0	1.1
		73.4	8.8	3.3	0.7	9.4	3.7	0.8	10.9	4.5	0.8	11.4	5.0	0.9	11.8	5.4	1.1
	84.2	66.2	8.5	5.1	0.7	9.1	5.8	0.8	10.5	7.2	0.8	11.0	7.9	0.9	11.3	8.6	1.1
		60.8	7.9	5.4	0.7	8.4	6.1	0.7	9.8	7.5	0.8	10.2	8.3	0.9	10.5	9.0	1.1
		66.2	8.6	5.5	0.7	9.2	6.2	0.8	10.6	7.7	0.8	11.1	8.4	0.9	11.4	9.2	1.1
	86.0	73.4	9.0	4.5	0.7	9.6	5.1	0.8	11.2	6.3	0.8	11.7	6.9	0.9	12.0	7.5	1.1
		60.8	8.3	5.8	0.7	8.9	6.6	0.8	10.3	8.2	0.8	10.7	9.0	0.9	11.1	9.7	1.1
		66.2	8.8	6.2	0.7	9.4	7.0	0.8	10.9	8.6	0.8	11.4	9.5	0.9	11.8	10.3	1.1
89.6	73.4	9.8	6.0	0.7	10.4	6.8	0.8	12.1	8.4	0.8	12.6	9.2	1.0	13.0	10.0	1.1	
	48.2	5.7	2.7	0.5	6.1	3.1	0.6	7.1	3.8	0.6	7.4	4.2	0.7	7.6	4.6	0.8	
	53.6	5.9	1.8	0.5	6.3	2.0	0.6	7.3	2.5	0.6	7.6	2.7	0.7	7.9	3.0	0.8	
445	64.4	59.0	7.1	1.8	0.6	7.6	2.1	0.6	8.8	2.6	0.7	9.2	2.8	0.8	9.5	3.1	0.9
		53.6	7.1	4.2	0.6	7.5	4.7	0.7	8.8	5.8	0.7	9.2	6.4	0.8	9.4	6.9	1.0
		59.0	7.2	3.4	0.6	7.7	3.9	0.7	9.0	4.7	0.7	9.4	5.2	0.8	9.7	5.7	1.0
	69.8	66.2	8.4	2.7	0.7	9.0	3.1	0.7	10.4	3.8	0.8	10.9	4.1	0.9	11.2	4.5	1.1
		60.8	7.6	4.3	0.6	8.1	4.8	0.7	9.4	6.0	0.7	9.8	6.6	0.8	10.1	7.1	1.0
		66.2	8.6	4.1	0.7	9.2	4.7	0.8	10.7	5.8	0.8	11.1	6.4	0.9	11.5	6.9	1.1
	75.2	73.4	8.4	2.0	0.7	9.0	2.2	0.8	10.5	2.7	0.8	10.9	3.0	1.0	11.2	3.3	1.1
		60.8	7.9	5.3	0.7	8.4	6.0	0.7	9.8	7.4	0.8	10.2	8.2	0.9	10.5	8.9	1.1
		66.2	8.8	5.3	0.7	9.4	6.0	0.8	10.9	7.4	0.8	11.4	8.1	0.9	11.7	8.8	1.1
	80.6	73.4	9.3	3.6	0.7	9.9	4.1	0.8	11.5	5.0	0.8	12.0	5.5	0.9	12.4	6.0	1.1
		66.2	9.0	5.7	0.7	9.5	6.4	0.8	11.1	7.9	0.8	11.6	8.7	0.9	11.9	9.4	1.1
		60.8	8.3	6.0	0.7	8.9	6.7	0.7	10.3	8.3	0.8	10.8	9.1	0.9	11.1	9.9	1.1
	84.2	66.2	9.0	6.0	0.7	9.6	6.9	0.8	11.2	8.4	0.8	11.7	9.3	0.9	12.1	10.1	1.1
		60.8	8.7	6.4	0.7	9.3	7.3	0.8	10.8	9.0	0.8	11.3	9.9	0.9	11.7	10.7	1.1
		66.2	9.5	5.0	0.7	10.1	5.6	0.8	11.8	6.9	0.8	12.3	7.6	1.0	12.7	8.3	1.1
	86.0	60.8	8.7	6.4	0.7	9.3	7.3	0.8	10.8	9.0	0.8	11.3	9.9	0.9	11.7	10.7	1.1
		66.2	9.3	6.8	0.7	9.9	7.7	0.8	11.5	9.5	0.8	12.0	10.4	0.9	12.4	11.3	1.1
		73.4	9.8	6.3	0.7	10.4	7.1	0.8	12.1	8.8	0.8	12.6	9.6	1.0	13.0	10.5	1.1
494	64.4	48.2	5.8	3.0	0.5	6.2	3.4	0.6	7.2	4.2	0.6	7.5	4.6	0.7	7.7	5.0	0.8
		53.6	6.0	2.0	0.6	6.4	2.2	0.6	7.5	2.7	0.6	7.8	3.0	0.7	8.0	3.3	0.9
		59.0	7.3	2.0	0.6	7.7	2.3	0.7	9.0	2.8	0.7	9.4	3.1	0.8	9.7	3.4	0.9
	69.8	53.6	7.2	4.6	0.6	7.7	5.2	0.7	9.0	6.4	0.7	9.3	7.0	0.8	9.6	7.6	1.0
		59.0	7.4	3.7	0.7	7.9	4.2	0.7	9.2	5.2	0.8	9.6	5.7	0.9	9.9	6.2	1.0
		66.2	8.6	3.0	0.7	9.2	3.3	0.8	10.7	4.1	0.8	11.1	4.5	0.9	11.5	4.9	1.1
	75.2	60.8	7.7	4.7	0.7	8.2	5.3	0.7	9.6	6.5	0.8	10.0	7.2	0.9	10.3	7.8	1.0
		66.2	8.8	4.6	0.7	9.4	5.2	0.8	10.9	6.3	0.8	11.4	7.0	0.9	11.7	7.6	1.1
		73.4	8.6	2.1	0.7	9.2	2.4	0.8	10.7	3.0	0.8	11.1	3.3	1.0	11.5	3.6	1.1
	80.6	60.8	8.1	5.9	0.7	8.6	6.6	0.7	10.0	8.2	0.8	10.4	9.0	0.9	10.7	9.8	1.1
		66.2	9.0	5.8	0.7	9.6	6.6	0.8	11.1	8.1	0.8	11.6	8.9	0.9	11.9	9.7	1.1
		73.4	9.5	3.9	0.7	10.1	4.5	0.8	11.8	5.5	0.8	12.3	6.0	1.0	12.7	6.6	1.1
	84.2	66.2	9.1	6.2	0.7	9.7	7.0	0.8	11.3	8.7	0.8	11.8	9.5	0.9	12.2	10.4	1.1
		60.8	8.5	6.5	0.7	9.1	7.4	0.8	10.5	9.1	0.8	11.0	10.0	0.9	11.3	10.9	1.1
		66.2	9.2	6.6	0.7	9.8	7.5	0.8	11.4	9.3	0.8	11.9	10.2	0.9	12.3	11.1	1.1
	86.0	73.4	9.7	5.4	0.7	10.3	6.2	0.8	12.0	7.6	0.8	12.5	8.3	1.0	12.9	9.1	1.1
		60.8	8.9	7.1	0.7	9.5	8.0	0.8	11.1	9.9	0.8	11.5	10.9	0.9	11.9	11.8	1.1
		66.2	9.5	7.4	0.7	10.1	8.4	0.8	11.8	10.4	0.8	12.3	11.4	1.0	12.7	12.4	1.1
89.6	73.4	9.8	6.7	0.7	10.4	7.6	0.8	12.1	9.4	0.8	12.6	10.4	1.0	13.0	11.2	1.1	

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			64.4			69.8			77			86			95		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
544	64.4	48.2	5.9	2.2	0.5	6.3	2.5	0.6	7.3	3.1	0.6	7.7	3.4	0.7	7.9	5.3	0.8
		53.6	6.1	1.4	0.6	6.6	1.6	0.6	7.6	2.0	0.6	7.9	2.2	0.7	8.2	3.4	0.9
		59.0	7.4	1.5	0.6	7.9	1.7	0.7	9.2	2.1	0.7	9.6	2.3	0.8	9.9	3.5	0.9
	69.8	53.6	7.4	3.4	0.6	7.9	3.8	0.7	9.1	4.7	0.7	9.5	5.1	0.8	9.8	8.0	1.0
		59.0	7.5	2.7	0.7	8.0	3.1	0.7	9.4	3.8	0.8	9.8	4.2	0.9	10.1	6.5	1.0
		66.2	8.8	2.2	0.7	9.4	2.5	0.8	10.9	3.0	0.8	11.3	3.3	0.9	11.7	5.2	1.1
	75.2	60.8	7.9	3.4	0.7	8.4	3.9	0.7	9.8	4.8	0.8	10.2	5.3	0.9	10.5	8.2	1.0
		66.2	9.0	3.3	0.7	9.5	3.8	0.8	11.1	4.7	0.8	11.6	5.1	0.9	11.9	8.0	1.1
		73.4	8.8	1.6	0.7	9.4	1.8	0.8	10.9	2.2	0.9	11.3	2.4	1.0	11.7	3.7	1.1
	80.6	60.8	8.2	4.3	0.7	8.8	4.9	0.8	10.2	6.0	0.8	10.6	6.6	0.9	11.0	10.2	1.1
		66.2	9.1	4.3	0.7	9.7	4.8	0.8	11.3	5.9	0.8	11.8	6.5	0.9	12.2	10.2	1.1
		73.4	9.7	2.9	0.7	10.3	3.3	0.8	12.0	4.0	0.8	12.5	4.4	1.0	12.9	6.9	1.1
	84.2	66.2	9.3	4.6	0.7	9.9	5.2	0.8	11.6	6.4	0.8	12.1	7.0	1.0	12.4	10.9	1.1
		60.8	8.7	4.8	0.7	9.2	5.4	0.8	10.7	6.7	0.8	11.2	7.4	0.9	11.5	11.4	1.1
		66.2	9.4	4.9	0.7	10.0	5.5	0.8	11.7	6.8	0.8	12.2	7.5	1.0	12.5	11.6	1.1
	86.0	73.4	9.9	4.0	0.7	10.5	4.5	0.8	12.3	5.6	0.9	12.8	6.1	1.0	13.2	9.5	1.1
		60.8	9.1	5.2	0.7	9.7	5.9	0.8	11.3	7.2	0.8	11.8	8.0	0.9	12.1	12.4	1.1
		66.2	9.7	5.5	0.7	10.3	6.2	0.8	12.0	7.6	0.8	12.5	8.4	1.0	12.9	13.0	1.1
	89.6	73.4	9.8	4.9	0.7	10.4	5.5	0.8	12.1	6.8	0.8	12.6	7.5	1.0	13.0	11.6	1.1
		48.2	6.0	1.6	0.5	6.4	1.8	0.6	7.4	2.2	0.6	7.7	2.5	0.7	8.0	5.3	0.8
		53.6	6.2	1.0	0.6	6.6	1.2	0.6	7.7	1.5	0.7	8.0	1.6	0.7	8.3	3.5	0.9
593	64.4	59.0	7.5	1.1	0.6	8.0	1.2	0.7	9.3	1.5	0.7	9.7	1.7	0.8	10.0	3.6	1.0
		53.6	7.4	2.4	0.7	7.9	2.8	0.7	9.2	3.4	0.8	9.6	3.7	0.9	9.9	8.1	1.0
		59.0	7.6	2.0	0.7	8.1	2.3	0.7	9.4	2.8	0.8	9.9	3.1	0.9	10.2	6.6	1.0
	69.8	66.2	8.9	1.6	0.7	9.4	1.8	0.8	11.0	2.2	0.8	11.5	2.4	0.9	11.8	5.2	1.1
		60.8	8.0	2.5	0.7	8.5	2.8	0.7	9.9	3.5	0.8	10.3	3.8	0.9	10.6	8.3	1.0
		66.2	9.0	2.4	0.7	9.6	2.8	0.8	11.2	3.4	0.8	11.7	3.7	0.9	12.1	8.0	1.1
	75.2	73.4	8.9	1.1	0.8	9.5	1.3	0.8	11.0	1.6	0.9	11.5	1.8	1.0	11.8	3.8	1.2
		60.8	8.3	3.1	0.7	8.9	3.5	0.8	10.3	4.4	0.8	10.7	4.8	0.9	11.1	10.3	1.1
		66.2	9.2	3.1	0.7	9.8	3.5	0.8	11.4	4.3	0.8	11.9	4.8	1.0	12.3	10.3	1.1
	80.6	73.4	9.8	2.1	0.7	10.4	2.4	0.8	12.1	2.9	0.9	12.6	3.2	1.0	13.0	7.0	1.1
		66.2	9.4	3.3	0.7	10.0	3.8	0.8	11.7	4.6	0.8	12.2	5.1	1.0	12.5	11.0	1.1
		60.8	8.7	3.5	0.7	9.3	4.0	0.8	10.8	4.9	0.8	11.3	5.4	0.9	11.7	11.5	1.1
	86.0	66.2	9.5	3.5	0.7	10.1	4.0	0.8	11.8	4.9	0.8	12.3	5.4	1.0	12.7	11.7	1.1
		73.4	10.0	2.9	0.8	10.6	3.3	0.8	12.4	4.0	0.9	12.9	4.5	1.0	13.3	9.6	1.2
		60.8	9.2	3.8	0.7	9.8	4.3	0.8	11.4	5.3	0.8	11.9	5.8	1.0	12.3	12.5	1.1
	89.6	66.2	9.8	4.0	0.7	10.4	4.5	0.8	12.1	5.5	0.9	12.6	6.1	1.0	13.0	13.2	1.1
		73.4	9.8	3.5	0.7	10.4	4.0	0.8	12.1	4.9	0.8	12.6	5.4	1.0	13.0	11.6	1.1

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AFR	Indoor temperature		Outdoor temperature DB (°F)											
			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
396	64.4	48.2	7.1	4.1	0.9	5.8	3.4	0.7	5.4	3.3	0.7	5.0	3.1	0.7
		53.6	7.3	2.7	0.9	6.0	2.2	0.8	5.6	2.1	0.7	5.2	2.0	0.7
		59.0	8.8	2.8	1.0	7.2	2.3	0.8	6.7	2.2	0.8	6.3	2.1	0.8
	69.8	53.6	8.8	6.2	1.0	7.2	5.2	0.9	6.7	5.0	0.8	6.3	4.7	0.8
		59.0	9.0	5.1	1.1	7.3	4.2	0.9	6.9	4.1	0.8	6.4	3.9	0.9
		66.2	10.4	4.0	1.2	8.5	3.4	1.0	8.0	3.2	0.9	7.5	3.1	0.9
	75.2	60.8	9.4	6.4	1.1	7.7	5.3	0.9	7.2	5.1	0.8	6.7	4.8	0.9
		66.2	10.7	6.2	1.2	8.7	5.2	1.0	8.2	4.9	0.9	7.6	4.7	0.9
		73.4	10.5	2.9	1.2	8.5	2.4	1.0	8.0	2.3	0.9	7.5	2.2	1.0
	80.6	60.8	9.8	8.0	1.1	8.0	6.7	0.9	7.5	6.4	0.9	7.0	6.0	0.9
		66.2	10.9	7.9	1.2	8.9	6.6	1.0	8.3	6.3	0.9	7.8	6.0	0.9
		73.4	11.5	5.4	1.2	9.4	4.5	1.0	8.8	4.3	0.9	8.2	4.1	1.0
	84.2	66.2	11.1	8.5	1.2	9.1	7.1	1.0	8.5	6.8	0.9	7.9	6.4	0.9
		60.8	10.3	8.9	1.2	8.4	7.4	1.0	7.9	7.0	0.9	7.4	6.6	0.9
		66.2	11.2	9.1	1.2	9.2	7.5	1.0	8.6	7.2	0.9	8.0	6.9	0.9
86.0	73.4	11.8	7.4	1.2	9.6	6.2	1.0	9.0	5.9	0.9	8.4	5.6	1.0	
	60.8	10.8	9.6	1.2	8.9	7.9	1.0	8.3	7.4	0.9	7.7	6.9	0.9	
	66.2	11.5	10.2	1.2	9.4	8.4	1.0	8.8	7.9	0.9	8.2	7.3	1.0	
89.6	73.4	12.8	9.9	1.2	10.4	8.2	1.0	9.8	7.9	1.0	9.1	7.5	1.0	
	48.2	7.4	4.5	0.9	6.1	3.8	0.7	5.7	3.6	0.7	5.3	3.4	0.7	
	53.6	7.7	3.0	0.9	6.3	2.5	0.8	5.9	2.3	0.7	5.5	2.2	0.7	
445	64.4	59.0	9.3	3.0	1.0	7.6	2.5	0.8	7.1	2.4	0.8	6.6	2.3	0.8
		53.6	9.2	6.9	1.1	7.5	5.7	0.9	7.1	5.5	0.8	6.6	5.2	0.8
		59.0	9.5	5.6	1.1	7.7	4.7	0.9	7.2	4.5	0.8	6.8	4.2	0.9
	69.8	66.2	11.0	4.4	1.2	9.0	3.7	1.0	8.4	3.5	0.9	7.9	3.4	0.9
		60.8	9.9	7.0	1.1	8.1	5.9	0.9	7.6	5.6	0.8	7.1	5.3	0.9
		66.2	11.2	6.8	1.2	9.2	5.7	1.0	8.6	5.4	0.9	8.0	5.2	0.9
	75.2	73.4	11.0	3.2	1.2	9.0	2.7	1.0	8.4	2.6	1.0	7.9	2.4	1.0
		60.8	10.3	8.8	1.2	8.4	7.3	1.0	7.9	7.0	0.9	7.4	6.7	0.9
		66.2	11.5	8.7	1.2	9.4	7.3	1.0	8.8	6.9	0.9	8.2	6.6	0.9
	80.6	73.4	12.2	5.9	1.2	9.9	4.9	1.0	9.3	4.7	0.9	8.7	4.5	1.0
		66.2	11.7	9.3	1.2	9.5	7.8	1.0	9.0	7.4	0.9	8.4	7.1	1.0
		60.8	10.9	9.8	1.2	8.9	8.2	1.0	8.3	7.7	0.9	7.8	7.2	0.9
	86.0	66.2	11.8	10.0	1.2	9.6	8.3	1.0	9.0	7.9	0.9	8.4	7.5	1.0
		73.4	12.4	8.2	1.2	10.1	6.8	1.0	9.5	6.5	1.0	8.9	6.2	1.0
		60.8	11.4	10.6	1.2	9.3	8.7	1.0	8.7	8.1	0.9	8.2	7.6	0.9
89.6	66.2	12.2	11.2	1.2	9.9	9.2	1.0	9.3	8.7	0.9	8.7	8.1	1.0	
	73.4	12.8	10.4	1.2	10.4	8.6	1.0	9.8	8.2	1.0	9.1	7.8	1.0	
	48.2	7.6	5.0	0.9	6.2	4.1	0.7	5.8	3.9	0.7	5.4	3.8	0.7	
494	64.4	53.6	7.9	3.2	0.9	6.4	2.7	0.8	6.0	2.6	0.7	5.6	2.5	0.7
		59.0	9.5	3.3	1.0	7.7	2.8	0.8	7.3	2.7	0.8	6.8	2.5	0.8
		53.6	9.4	7.5	1.1	7.7	6.3	0.9	7.2	6.0	0.8	6.7	5.7	0.9
	69.8	59.0	9.7	6.2	1.1	7.9	5.1	0.9	7.4	4.9	0.9	6.9	4.7	0.9
		66.2	11.2	4.9	1.2	9.2	4.1	1.0	8.6	3.9	0.9	8.0	3.7	0.9
		60.8	10.1	7.7	1.1	8.2	6.4	0.9	7.7	6.1	0.9	7.2	5.8	0.9
	75.2	66.2	11.5	7.5	1.2	9.4	6.2	1.0	8.8	6.0	0.9	8.2	5.7	0.9
		73.4	11.2	3.5	1.2	9.2	2.9	1.0	8.6	2.8	1.0	8.0	2.7	1.0
		60.8	10.5	9.7	1.2	8.6	8.0	1.0	8.1	7.7	0.9	7.5	7.3	0.9
	80.6	66.2	11.7	9.6	1.2	9.6	8.0	1.0	9.0	7.6	0.9	8.4	7.2	1.0
		73.4	12.4	6.5	1.2	10.1	5.4	1.0	9.5	5.2	1.0	8.9	4.9	1.0
		66.2	11.9	10.3	1.2	9.7	8.5	1.0	9.1	8.2	0.9	8.5	7.8	1.0
	84.2	60.8	11.1	10.8	1.2	9.1	9.0	1.0	8.5	8.5	0.9	7.9	7.9	0.9
		66.2	12.1	10.9	1.2	9.8	9.1	1.0	9.2	8.7	0.9	8.6	8.3	1.0
		73.4	12.7	9.0	1.2	10.3	7.5	1.0	9.7	7.1	1.0	9.0	6.8	1.0
86.0	60.8	11.7	11.7	1.2	9.5	9.5	1.0	8.9	8.9	0.9	8.3	8.3	1.0	
	66.2	12.4	12.3	1.2	10.1	10.1	1.0	9.5	9.5	1.0	8.9	8.9	1.0	
	73.4	12.8	11.1	1.2	10.4	9.3	1.0	9.8	8.9	1.0	9.1	8.4	1.0	

AFR	Indoor temperature		Outdoor temperature DB (°F)											
			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
544	64.4	48.2	7.7	3.6	0.9	6.3	3.0	0.7	5.9	2.9	0.7	5.5	2.8	0.7
		53.6	8.0	2.4	0.9	6.6	2.0	0.8	6.1	1.9	0.7	5.7	1.8	0.7
		59.0	9.7	2.4	1.0	7.9	2.0	0.8	7.4	1.9	0.8	6.9	1.9	0.8
	69.8	53.6	9.6	5.5	1.1	7.9	4.6	0.9	7.4	4.4	0.8	6.9	4.2	0.9
		59.0	9.9	4.5	1.1	8.0	3.8	0.9	7.5	3.6	0.9	7.0	3.4	0.9
		66.2	11.5	3.6	1.2	9.4	3.0	1.0	8.8	2.8	0.9	8.2	2.7	0.9
	75.2	60.8	10.3	5.7	1.1	8.4	4.7	0.9	7.9	4.5	0.9	7.4	4.3	0.9
		66.2	11.7	5.5	1.2	9.5	4.6	1.0	9.0	4.4	0.9	8.4	4.2	1.0
		73.4	11.5	2.6	1.2	9.4	2.2	1.0	8.8	2.1	1.0	8.2	2.0	1.0
	80.6	60.8	10.7	7.1	1.2	8.8	5.9	1.0	8.2	5.6	0.9	7.7	5.4	0.9
		66.2	11.9	7.0	1.2	9.7	5.9	1.0	9.1	5.6	0.9	8.5	5.3	1.0
		73.4	12.7	4.8	1.2	10.3	4.0	1.0	9.7	3.8	1.0	9.0	3.6	1.0
	84.2	66.2	12.2	7.5	1.2	9.9	6.3	1.0	9.3	6.0	1.0	8.7	5.7	1.0
		60.8	11.3	7.9	1.2	9.2	6.6	1.0	8.7	6.2	0.9	8.1	5.8	0.9
		66.2	12.3	8.0	1.2	10.0	6.7	1.0	9.4	6.4	1.0	8.8	6.1	1.0
	86.0	73.4	12.9	6.6	1.2	10.5	5.5	1.0	9.9	5.2	1.0	9.2	5.0	1.0
		60.8	11.9	8.6	1.2	9.7	7.0	1.0	9.1	6.6	0.9	8.5	6.1	1.0
		66.2	12.7	9.0	1.2	10.3	7.4	1.0	9.7	7.0	1.0	9.0	6.5	1.0
89.6	73.4	12.8	8.0	1.2	10.4	6.7	1.0	9.8	6.4	1.0	9.1	6.1	1.0	
	48.2	7.8	2.6	0.9	6.4	2.2	0.7	6.0	2.1	0.7	5.6	2.0	0.7	
	53.6	8.1	1.7	0.9	6.6	1.4	0.8	6.2	1.4	0.7	5.8	1.3	0.8	
593	64.4	59.0	9.8	1.8	1.0	8.0	1.5	0.9	7.5	1.4	0.8	7.0	1.3	0.8
		53.6	9.7	4.0	1.1	7.9	3.3	0.9	7.4	3.2	0.9	6.9	3.0	0.9
		59.0	10.0	3.3	1.1	8.1	2.7	0.9	7.6	2.6	0.9	7.1	2.5	0.9
	69.8	66.2	11.6	2.6	1.2	9.4	2.2	1.0	8.9	2.1	0.9	8.3	2.0	1.0
		60.8	10.4	4.1	1.1	8.5	3.4	0.9	8.0	3.3	0.9	7.4	3.1	0.9
		66.2	11.8	4.0	1.2	9.6	3.3	1.0	9.0	3.2	0.9	8.4	3.0	1.0
	75.2	73.4	11.6	1.9	1.3	9.5	1.6	1.0	8.9	1.5	1.0	8.3	1.4	1.0
		60.8	10.8	5.2	1.2	8.9	4.3	1.0	8.3	4.1	0.9	7.7	3.9	0.9
		66.2	12.1	5.1	1.2	9.8	4.3	1.0	9.2	4.1	1.0	8.6	3.9	1.0
	80.6	73.4	12.8	3.5	1.2	10.4	2.9	1.0	9.8	2.8	1.0	9.1	2.6	1.0
		66.2	12.3	5.5	1.2	10.0	4.6	1.0	9.4	4.4	1.0	8.8	4.1	1.0
		60.8	11.4	5.8	1.2	9.3	4.8	1.0	8.7	4.5	0.9	8.2	4.2	1.0
	84.2	66.2	12.4	5.8	1.2	10.1	4.9	1.0	9.5	4.7	1.0	8.9	4.4	1.0
		73.4	13.0	4.8	1.3	10.6	4.0	1.0	10.0	3.8	1.0	9.3	3.6	1.0
		60.8	12.0	6.2	1.2	9.8	5.1	1.0	9.2	4.8	1.0	8.6	4.4	1.0
	89.6	66.2	12.8	6.6	1.2	10.4	5.4	1.0	9.8	5.1	1.0	9.1	4.7	1.0
		73.4	12.8	5.8	1.2	10.4	4.8	1.0	9.8	4.6	1.0	9.1	4.4	1.0

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Outdoor Unit:GUHD18NK3CO Indoor Unit:GFH18K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			64.4			69.8			77			86			95		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
471	64.4	48.2	8.2	3.8	0.8	8.7	4.3	0.9	10.1	5.3	0.9	10.6	5.8	1.0	10.9	6.3	1.2
		53.6	8.5	2.5	0.8	9.0	2.8	0.9	10.5	3.4	1.0	11.0	3.8	1.1	11.3	4.1	1.3
		59.0	10.2	2.5	0.9	10.9	2.9	1.0	12.7	3.5	1.1	13.2	3.9	1.2	13.6	4.2	1.4
	69.8	53.6	10.2	5.7	1.0	10.8	6.5	1.0	12.6	8.0	1.1	13.2	8.8	1.3	13.6	9.5	1.5
		59.0	10.4	4.7	1.0	11.1	5.3	1.1	12.9	6.5	1.1	13.5	7.2	1.3	13.9	7.8	1.5
		66.2	12.1	3.7	1.1	12.9	4.2	1.1	15.0	5.2	1.2	15.7	5.7	1.4	16.1	6.2	1.6
	75.2	60.8	10.9	5.9	1.0	11.6	6.7	1.1	13.5	8.2	1.1	14.1	9.0	1.3	14.5	9.8	1.5
		66.2	12.4	5.7	1.1	13.2	6.5	1.2	15.3	8.0	1.2	16.0	8.8	1.4	16.5	9.5	1.6
		73.4	12.1	2.7	1.1	12.9	3.0	1.2	15.0	3.7	1.3	15.7	4.1	1.5	16.2	4.5	1.7
	80.6	60.8	11.4	7.3	1.1	12.1	8.3	1.1	14.1	10.2	1.2	14.7	11.3	1.4	15.1	12.2	1.6
		66.2	12.6	7.3	1.1	13.5	8.2	1.2	15.6	10.1	1.2	16.3	11.2	1.4	16.8	12.1	1.7
		73.4	13.4	4.9	1.1	14.3	5.6	1.2	16.6	6.9	1.3	17.3	7.6	1.4	17.8	8.2	1.7
	84.2	66.2	12.9	7.8	1.1	13.7	8.8	1.2	16.0	10.9	1.3	16.6	12.0	1.4	17.2	13.0	1.7
		60.8	12.0	8.2	1.1	12.7	9.3	1.1	14.8	11.4	1.2	15.5	12.6	1.4	15.9	13.6	1.6
		66.2	13.0	8.3	1.1	13.9	9.4	1.2	16.1	11.6	1.3	16.8	12.8	1.4	17.3	13.9	1.7
	86.0	73.4	13.6	6.8	1.1	14.6	7.7	1.2	16.9	9.5	1.3	17.6	10.5	1.5	18.2	11.4	1.7
		60.8	12.6	8.9	1.1	13.4	10.0	1.2	15.6	12.4	1.2	16.3	13.6	1.4	16.8	14.8	1.7
		66.2	13.4	9.3	1.1	14.3	10.6	1.2	16.6	13.0	1.3	17.3	14.3	1.4	17.8	15.6	1.7
89.6	73.4	14.8	9.1	1.1	15.8	10.3	1.2	18.4	12.7	1.3	19.2	14.0	1.5	19.7	15.2	1.8	
	60.8	12.6	8.9	1.1	13.4	10.0	1.2	15.6	12.4	1.2	16.3	13.6	1.4	16.8	14.8	1.7	
	66.2	13.4	9.3	1.1	14.3	10.6	1.2	16.6	13.0	1.3	17.3	14.3	1.4	17.8	15.6	1.7	
530	64.4	48.2	8.6	4.2	0.8	9.2	4.7	0.9	10.7	5.8	0.9	11.1	6.4	1.1	11.5	6.9	1.2
		53.6	8.9	2.7	0.8	9.5	3.1	0.9	11.1	3.8	1.0	11.6	4.2	1.1	11.9	4.5	1.3
		59.0	10.8	2.8	0.9	11.5	3.2	1.0	13.3	3.9	1.1	13.9	4.3	1.2	14.4	4.6	1.4
	69.8	53.6	10.7	6.3	1.0	11.4	7.1	1.1	13.3	8.8	1.1	13.9	9.7	1.3	14.3	10.5	1.5
		59.0	11.0	5.2	1.0	11.7	5.8	1.1	13.6	7.2	1.2	14.2	7.9	1.3	14.6	8.6	1.5
		66.2	12.8	4.1	1.1	13.6	4.6	1.2	15.8	5.7	1.2	16.5	6.3	1.4	17.0	6.8	1.6
	75.2	60.8	11.5	6.5	1.0	12.2	7.3	1.1	14.2	9.0	1.1	14.8	9.9	1.3	15.3	10.8	1.5
		66.2	13.0	6.3	1.1	13.9	7.1	1.2	16.2	8.8	1.2	16.8	9.6	1.4	17.4	10.5	1.7
		73.4	12.8	3.0	1.1	13.6	3.3	1.2	15.8	4.1	1.3	16.5	4.5	1.5	17.0	4.9	1.7
	80.6	60.8	12.0	8.1	1.1	12.8	9.2	1.1	14.8	11.3	1.2	15.5	12.4	1.4	15.9	13.5	1.6
		66.2	13.3	8.0	1.1	14.2	9.1	1.2	16.5	11.2	1.3	17.2	12.3	1.4	17.7	13.3	1.7
		73.4	14.1	5.4	1.1	15.0	6.2	1.2	17.5	7.6	1.3	18.2	8.3	1.5	18.8	9.1	1.7
	84.2	66.2	13.6	8.6	1.1	14.5	9.7	1.2	16.8	12.0	1.3	17.5	13.2	1.4	18.1	14.3	1.7
		60.8	12.6	9.0	1.1	13.4	10.2	1.2	15.6	12.6	1.2	16.3	13.8	1.4	16.8	15.0	1.6
		66.2	13.7	9.2	1.1	14.6	10.4	1.2	17.0	12.8	1.3	17.7	14.1	1.4	18.3	15.3	1.7
	86.0	73.4	14.4	7.5	1.1	15.3	8.5	1.2	17.8	10.5	1.3	18.6	11.5	1.5	19.2	12.5	1.7
		60.8	13.2	9.8	1.1	14.1	11.1	1.2	16.4	13.6	1.3	17.1	15.0	1.4	17.7	16.3	1.7
		66.2	14.1	10.3	1.1	15.0	11.6	1.2	17.5	14.3	1.3	18.2	15.8	1.5	18.8	17.1	1.7
89.6	73.4	14.8	9.5	1.1	15.8	10.8	1.2	18.4	13.3	1.3	19.2	14.6	1.5	19.7	15.8	1.8	
	60.8	12.6	8.9	1.1	13.4	10.0	1.2	15.6	12.4	1.2	16.3	13.6	1.4	16.8	14.8	1.7	
	66.2	13.4	9.3	1.1	14.3	10.6	1.2	16.6	13.0	1.3	17.3	14.3	1.4	17.8	15.6	1.7	
589	64.4	48.2	8.8	4.6	0.8	9.4	5.2	0.9	10.9	6.4	0.9	11.4	7.0	1.1	11.7	7.6	1.3
		53.6	9.1	3.0	0.9	9.7	3.4	0.9	11.3	4.1	1.0	11.8	4.6	1.1	12.2	5.0	1.3
		59.0	11.0	3.1	0.9	11.7	3.5	1.0	13.6	4.3	1.1	14.2	4.7	1.2	14.6	5.1	1.4
	69.8	53.6	10.9	6.9	1.0	11.7	7.8	1.1	13.6	9.6	1.1	14.1	10.6	1.3	14.6	11.5	1.5
		59.0	11.2	5.7	1.0	11.9	6.4	1.1	13.9	7.9	1.2	14.5	8.7	1.3	14.9	9.4	1.5
		66.2	13.0	4.5	1.1	13.9	5.1	1.2	16.1	6.2	1.2	16.8	6.9	1.4	17.4	7.5	1.7
	75.2	60.8	11.7	7.1	1.0	12.5	8.0	1.1	14.5	9.9	1.2	15.1	10.9	1.3	15.6	11.8	1.5
		66.2	13.3	6.9	1.1	14.2	7.8	1.2	16.5	9.6	1.3	17.2	10.6	1.4	17.7	11.5	1.7
		73.4	13.0	3.2	1.1	13.9	3.7	1.2	16.2	4.5	1.3	16.8	5.0	1.5	17.4	5.4	1.8
	80.6	60.8	12.2	8.9	1.1	13.0	10.0	1.2	15.1	12.4	1.2	15.8	13.6	1.4	16.3	14.8	1.6
		66.2	13.6	8.8	1.1	14.5	10.0	1.2	16.8	12.3	1.3	17.5	13.5	1.4	18.1	14.6	1.7
		73.4	14.4	6.0	1.1	15.3	6.8	1.2	17.8	8.3	1.3	18.6	9.2	1.5	19.2	9.9	1.7
	84.2	66.2	13.8	9.4	1.1	14.8	10.7	1.2	17.2	13.1	1.3	17.9	14.5	1.5	18.4	15.7	1.7
		60.8	12.9	9.9	1.1	13.7	11.2	1.2	15.9	13.8	1.2	16.6	15.2	1.4	17.1	16.5	1.7
		66.2	14.0	10.0	1.1	14.9	11.4	1.2	17.3	14.0	1.3	18.1	15.4	1.5	18.6	16.7	1.7
	86.0	73.4	14.7	8.2	1.1	15.6	9.3	1.2	18.2	11.5	1.3	19.0	12.6	1.5	19.6	13.7	1.8
		60.8	13.5	10.7	1.1	14.4	12.1	1.2	16.8	14.9	1.3	17.5	16.4	1.4	18.0	17.8	1.7
		66.2	14.4	11.3	1.1	15.3	12.8	1.2	17.8	15.7	1.3	18.6	17.3	1.5	19.2	18.8	1.7
89.6	73.4	14.8	10.2	1.1	15.8	11.6	1.2	18.4	14.3	1.3	19.2	15.7	1.5	19.7	17.0	1.8	

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			64.4			69.8			77			86			95		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
647	64.4	48.2	9.0	3.3	0.8	9.6	3.8	0.9	11.1	4.7	1.0	11.6	5.1	1.1	12.0	8.0	1.3
		53.6	9.3	2.2	0.9	9.9	2.5	0.9	11.5	3.0	1.0	12.0	3.4	1.1	12.4	5.2	1.3
		59.0	11.2	2.2	0.9	12.0	2.5	1.0	13.9	3.1	1.1	14.5	3.5	1.2	14.9	5.4	1.5
	69.8	53.6	11.2	5.1	1.0	11.9	5.8	1.1	13.8	7.1	1.1	14.4	7.8	1.3	14.9	12.1	1.5
		59.0	11.4	4.2	1.0	12.2	4.7	1.1	14.2	5.8	1.2	14.8	6.4	1.3	15.2	9.9	1.6
		66.2	13.3	3.3	1.1	14.2	3.7	1.2	16.5	4.6	1.3	17.2	5.0	1.4	17.7	7.8	1.7
	75.2	60.8	11.9	5.2	1.0	12.7	5.9	1.1	14.8	7.3	1.2	15.4	8.0	1.3	15.9	12.4	1.6
		66.2	13.6	5.1	1.1	14.5	5.7	1.2	16.8	7.1	1.3	17.5	7.8	1.4	18.1	12.1	1.7
		73.4	13.3	2.4	1.1	14.2	2.7	1.2	16.5	3.3	1.3	17.2	3.7	1.5	17.7	5.7	1.8
	80.6	60.8	12.5	6.5	1.1	13.3	7.4	1.2	15.4	9.1	1.2	16.1	10.0	1.4	16.6	15.5	1.7
		66.2	13.8	6.5	1.1	14.8	7.3	1.2	17.2	9.0	1.3	17.9	9.9	1.5	18.4	15.4	1.7
		73.4	14.7	4.4	1.1	15.6	5.0	1.2	18.2	6.1	1.3	19.0	6.7	1.5	19.6	10.4	1.8
	84.2	66.2	14.1	6.9	1.1	15.1	7.8	1.2	17.5	9.6	1.3	18.2	10.6	1.5	18.8	16.5	1.7
		60.8	13.1	7.3	1.1	14.0	8.2	1.2	16.3	10.1	1.3	17.0	11.2	1.4	17.5	17.3	1.7
		66.2	14.2	7.4	1.1	15.2	8.4	1.2	17.7	10.3	1.3	18.4	11.3	1.5	19.0	17.6	1.7
	86.0	73.4	15.0	6.0	1.1	16.0	6.8	1.2	18.6	8.4	1.3	19.4	9.3	1.5	19.9	14.4	1.8
		60.8	13.8	7.9	1.1	14.7	8.9	1.2	17.1	11.0	1.3	17.8	12.1	1.5	18.4	18.7	1.7
		66.2	14.7	8.3	1.1	15.6	9.4	1.2	18.2	11.5	1.3	19.0	12.7	1.5	19.6	19.7	1.8
89.6	73.4	14.8	7.4	1.1	15.8	8.3	1.2	18.4	10.3	1.3	19.2	11.3	1.5	19.7	17.5	1.8	
	48.2	9.1	2.4	0.8	9.7	2.8	0.9	11.2	3.4	1.0	11.7	3.7	1.1	12.1	8.1	1.3	
	53.6	9.4	1.6	0.9	10.0	1.8	0.9	11.6	2.2	1.0	12.1	2.4	1.1	12.5	5.3	1.3	
706	64.4	59.0	11.3	1.6	1.0	12.1	1.9	1.0	14.0	2.3	1.1	14.6	2.5	1.3	15.1	5.4	1.5
		53.6	11.3	3.7	1.0	12.0	4.2	1.1	14.0	5.1	1.2	14.6	5.7	1.3	15.0	12.2	1.5
		59.0	11.5	3.0	1.0	12.3	3.4	1.1	14.3	4.2	1.2	14.9	4.6	1.3	15.4	10.0	1.6
	69.8	66.2	13.4	2.4	1.1	14.3	2.7	1.2	16.6	3.3	1.3	17.3	3.7	1.4	17.9	7.9	1.7
		60.8	12.0	3.8	1.0	12.9	4.3	1.1	14.9	5.3	1.2	15.6	5.8	1.3	16.1	12.5	1.6
		66.2	13.7	3.7	1.1	14.6	4.2	1.2	17.0	5.1	1.3	17.7	5.7	1.5	18.3	12.2	1.7
	75.2	73.4	13.4	1.7	1.2	14.3	2.0	1.2	16.6	2.4	1.3	17.4	2.7	1.5	17.9	5.7	1.8
		60.8	12.6	4.7	1.1	13.4	5.4	1.2	15.6	6.6	1.3	16.3	7.3	1.4	16.8	15.7	1.7
		66.2	14.0	4.7	1.1	14.9	5.3	1.2	17.3	6.5	1.3	18.1	7.2	1.5	18.6	15.5	1.7
	80.6	73.4	14.8	3.2	1.1	15.8	3.6	1.2	18.4	4.4	1.3	19.2	4.9	1.5	19.7	10.5	1.8
		66.2	14.2	5.0	1.1	15.2	5.7	1.2	17.7	7.0	1.3	18.4	7.7	1.5	19.0	16.6	1.8
		60.8	13.2	5.3	1.1	14.1	6.0	1.2	16.4	7.4	1.3	17.1	8.1	1.4	17.7	17.5	1.7
	86.0	66.2	14.4	5.4	1.1	15.3	6.1	1.2	17.8	7.5	1.3	18.6	8.2	1.5	19.2	17.8	1.8
		73.4	15.1	4.4	1.2	16.1	5.0	1.3	18.7	6.1	1.3	19.5	6.7	1.5	20.1	14.6	1.8
		60.8	13.9	5.7	1.1	14.8	6.5	1.2	17.3	8.0	1.3	18.0	8.8	1.5	18.6	18.9	1.7
	89.6	66.2	14.8	6.0	1.1	15.8	6.8	1.2	18.4	8.4	1.3	19.2	9.2	1.5	19.7	19.9	1.8
		73.4	14.8	5.3	1.1	15.8	6.0	1.2	18.4	7.4	1.3	19.2	8.1	1.5	19.7	17.5	1.8

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AFR	Indoor temperature		Outdoor temperature DB (°F)											
			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
471	64.4	48.2	10.7	6.2	1.3	8.7	5.2	1.1	8.2	4.9	1.0	7.6	4.7	1.1
		53.6	11.1	4.1	1.4	9.0	3.4	1.2	8.5	3.2	1.1	7.9	3.1	1.1
		59.0	13.3	4.2	1.5	10.9	3.5	1.3	10.2	3.3	1.2	9.5	3.2	1.2
	69.8	53.6	13.3	9.4	1.6	10.8	7.9	1.3	10.2	7.5	1.3	9.5	7.1	1.3
		59.0	13.6	7.7	1.7	11.1	6.4	1.4	10.4	6.1	1.3	9.7	5.8	1.3
		66.2	15.8	6.1	1.8	12.9	5.1	1.5	12.1	4.9	1.4	11.3	4.6	1.4
	75.2	60.8	14.2	9.7	1.7	11.6	8.1	1.4	10.9	7.7	1.3	10.2	7.3	1.3
		66.2	16.2	9.4	1.8	13.2	7.8	1.5	12.4	7.5	1.4	11.5	7.1	1.4
		73.4	15.8	4.4	1.9	12.9	3.7	1.5	12.1	3.5	1.5	11.3	3.3	1.5
	80.6	60.8	14.8	12.1	1.8	12.1	10.1	1.5	11.4	9.6	1.4	10.6	9.2	1.4
		66.2	16.5	12.0	1.8	13.5	10.0	1.5	12.6	9.5	1.4	11.8	9.1	1.4
		73.4	17.5	8.1	1.9	14.3	6.8	1.5	13.4	6.5	1.4	12.5	6.2	1.5
	84.2	66.2	16.8	12.9	1.8	13.7	10.7	1.5	12.9	10.2	1.4	12.0	9.7	1.5
		60.8	15.6	13.5	1.8	12.7	11.2	1.5	12.0	10.6	1.4	11.2	9.9	1.4
		66.2	17.0	13.7	1.8	13.9	11.4	1.5	13.0	10.9	1.4	12.1	10.4	1.5
	86.0	73.4	17.8	11.2	1.9	14.6	9.4	1.5	13.6	8.9	1.5	12.7	8.5	1.5
		60.8	16.4	14.6	1.8	13.4	11.9	1.5	12.6	11.2	1.4	11.7	10.4	1.4
		66.2	17.5	15.4	1.9	14.3	12.7	1.5	13.4	11.9	1.4	12.5	11.1	1.5
89.6	73.4	19.3	15.0	1.9	15.8	12.5	1.6	14.8	11.9	1.5	13.8	11.4	1.5	
	48.2	11.3	6.8	1.4	9.2	5.7	1.1	8.6	5.4	1.1	8.0	5.2	1.1	
	53.6	11.7	4.5	1.4	9.5	3.7	1.2	8.9	3.6	1.1	8.3	3.4	1.1	
530	64.4	59.0	14.1	4.6	1.6	11.5	3.8	1.3	10.8	3.7	1.2	10.0	3.5	1.2
		53.6	14.0	10.4	1.6	11.4	8.7	1.4	10.7	8.3	1.3	10.0	7.9	1.3
		59.0	14.3	8.5	1.7	11.7	7.1	1.4	11.0	6.8	1.3	10.2	6.4	1.3
	69.8	66.2	16.7	6.7	1.8	13.6	5.6	1.5	12.8	5.3	1.4	11.9	5.1	1.4
		60.8	15.0	10.7	1.7	12.2	8.9	1.4	11.5	8.5	1.3	10.7	8.1	1.3
		66.2	17.0	10.4	1.8	13.9	8.6	1.5	13.0	8.2	1.4	12.2	7.8	1.4
	75.2	73.4	16.7	4.9	1.9	13.6	4.1	1.6	12.8	3.9	1.5	11.9	3.7	1.5
		60.8	15.6	13.3	1.8	12.8	11.1	1.5	12.0	10.6	1.4	11.2	10.1	1.4
		66.2	17.4	13.2	1.8	14.2	11.0	1.5	13.3	10.5	1.4	12.4	10.0	1.5
	80.6	73.4	18.4	9.0	1.9	15.0	7.5	1.5	14.1	7.1	1.5	13.1	6.8	1.5
		66.2	17.7	14.2	1.9	14.5	11.8	1.5	13.6	11.3	1.4	12.7	10.7	1.5
		60.8	16.5	14.9	1.8	13.4	12.4	1.5	12.6	11.7	1.4	11.8	10.9	1.4
	86.0	66.2	17.9	15.1	1.9	14.6	12.6	1.5	13.7	12.0	1.4	12.8	11.4	1.5
		73.4	18.8	12.4	1.9	15.3	10.3	1.6	14.4	9.8	1.5	13.4	9.4	1.5
		60.8	17.3	16.1	1.8	14.1	13.1	1.5	13.2	12.3	1.4	12.4	11.5	1.5
	89.6	66.2	18.4	16.9	1.9	15.0	14.0	1.5	14.1	13.1	1.5	13.1	12.2	1.5
		73.4	19.3	15.7	1.9	15.8	13.0	1.6	14.8	12.5	1.5	13.8	11.9	1.5
		48.2	11.5	7.5	1.4	9.4	6.3	1.1	8.8	6.0	1.1	8.2	5.7	1.1
589	64.4	53.6	11.9	4.9	1.4	9.7	4.1	1.2	9.1	3.9	1.1	8.5	3.7	1.1
		59.0	14.4	5.0	1.6	11.7	4.2	1.3	11.0	4.0	1.2	10.3	3.8	1.3
		53.6	14.3	11.4	1.7	11.7	9.5	1.4	10.9	9.1	1.3	10.2	8.6	1.3
	69.8	59.0	14.6	9.3	1.7	11.9	7.8	1.4	11.2	7.4	1.3	10.5	7.1	1.3
		66.2	17.0	7.4	1.8	13.9	6.1	1.5	13.0	5.9	1.4	12.2	5.6	1.4
		60.8	15.3	11.7	1.7	12.5	9.7	1.4	11.7	9.3	1.3	10.9	8.9	1.3
	75.2	66.2	17.4	11.4	1.8	14.2	9.5	1.5	13.3	9.0	1.4	12.4	8.6	1.5
		73.4	17.0	5.3	1.9	13.9	4.5	1.6	13.0	4.3	1.5	12.2	4.0	1.5
		60.8	15.9	14.6	1.8	13.0	12.2	1.5	12.2	11.6	1.4	11.4	11.1	1.4
	80.6	66.2	17.7	14.5	1.9	14.5	12.1	1.5	13.6	11.5	1.4	12.7	11.0	1.5
		73.4	18.8	9.8	1.9	15.3	8.2	1.6	14.4	7.8	1.5	13.4	7.4	1.5
		66.2	18.1	15.5	1.9	14.8	12.9	1.5	13.8	12.4	1.5	12.9	11.8	1.5
	84.2	60.8	16.8	16.3	1.8	13.7	13.6	1.5	12.9	12.9	1.4	12.0	12.0	1.4
		66.2	18.3	16.6	1.9	14.9	13.8	1.5	14.0	13.2	1.5	13.0	12.5	1.5
		73.4	19.2	13.6	1.9	15.6	11.3	1.6	14.7	10.8	1.5	13.7	10.3	1.5
	89.6	60.8	17.7	17.7	1.9	14.4	14.4	1.5	13.5	13.5	1.4	12.6	12.6	1.5
		66.2	18.8	18.6	1.9	15.3	15.3	1.6	14.4	14.4	1.5	13.4	13.4	1.5
		73.4	19.3	16.9	1.9	15.8	14.0	1.6	14.8	13.4	1.5	13.8	12.8	1.5

AFR	Indoor temperature		Outdoor temperature DB (°F)											
			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
647	64.4	48.2	11.7	5.5	1.4	9.6	4.6	1.1	9.0	4.4	1.1	8.4	4.2	1.1
		53.6	12.2	3.6	1.4	9.9	3.0	1.2	9.3	2.9	1.1	8.7	2.7	1.2
		59.0	14.6	3.7	1.6	12.0	3.1	1.3	11.2	3.0	1.2	10.5	2.8	1.3
	69.8	53.6	14.6	8.4	1.7	11.9	7.0	1.4	11.2	6.7	1.3	10.4	6.3	1.3
		59.0	14.9	6.8	1.7	12.2	5.7	1.4	11.4	5.4	1.3	10.7	5.2	1.4
		66.2	17.4	5.4	1.8	14.2	4.5	1.5	13.3	4.3	1.4	12.4	4.1	1.5
	75.2	60.8	15.6	8.6	1.7	12.7	7.2	1.4	11.9	6.8	1.3	11.1	6.5	1.4
		66.2	17.7	8.3	1.9	14.5	6.9	1.5	13.6	6.6	1.4	12.7	6.3	1.5
		73.4	17.4	3.9	1.9	14.2	3.3	1.6	13.3	3.1	1.5	12.4	3.0	1.5
	80.6	60.8	16.3	10.7	1.8	13.3	8.9	1.5	12.5	8.5	1.4	11.6	8.1	1.4
		66.2	18.1	10.6	1.9	14.8	8.9	1.5	13.8	8.5	1.5	12.9	8.1	1.5
		73.4	19.2	7.2	1.9	15.6	6.0	1.6	14.7	5.7	1.5	13.7	5.5	1.5
	84.2	66.2	18.4	11.4	1.9	15.1	9.5	1.6	14.1	9.1	1.5	13.2	8.6	1.5
		60.8	17.1	12.0	1.8	14.0	10.0	1.5	13.1	9.4	1.4	12.2	8.8	1.5
		66.2	18.6	12.2	1.9	15.2	10.1	1.6	14.2	9.7	1.5	13.3	9.2	1.5
	86.0	73.4	19.5	10.0	1.9	16.0	8.3	1.6	15.0	7.9	1.5	14.0	7.5	1.5
		60.8	18.0	13.0	1.9	14.7	10.6	1.5	13.8	9.9	1.5	12.9	9.3	1.5
		66.2	19.2	13.7	1.9	15.6	11.3	1.6	14.7	10.6	1.5	13.7	9.9	1.5
89.6	73.4	19.3	12.1	1.9	15.8	10.1	1.6	14.8	9.7	1.5	13.8	9.2	1.5	
	64.4	48.2	11.8	4.0	9.7	3.3	1.2	9.1	3.2	1.1	8.4	3.0	1.1	
	53.6	12.3	2.6	1.5	10.0	2.2	1.2	9.4	2.1	1.1	8.8	2.0	1.2	
706	64.4	59.0	14.8	2.7	1.6	12.1	2.2	1.3	11.3	2.1	1.3	10.6	2.0	1.3
		53.6	14.7	6.1	1.7	12.0	5.1	1.4	11.3	4.8	1.3	10.5	4.6	1.3
		59.0	15.1	5.0	1.7	12.3	4.1	1.4	11.5	4.0	1.3	10.8	3.8	1.4
	69.8	66.2	17.5	3.9	1.9	14.3	3.3	1.5	13.4	3.1	1.4	12.5	3.0	1.5
		60.8	15.7	6.2	1.7	12.9	5.2	1.4	12.0	5.0	1.3	11.2	4.7	1.4
		66.2	17.9	6.1	1.9	14.6	5.1	1.5	13.7	4.8	1.5	12.8	4.6	1.5
	75.2	73.4	17.5	2.9	1.9	14.3	2.4	1.6	13.4	2.3	1.5	12.5	2.2	1.6
		60.8	16.4	7.8	1.8	13.4	6.5	1.5	12.6	6.2	1.4	11.7	5.9	1.5
		66.2	18.3	7.7	1.9	14.9	6.4	1.6	14.0	6.2	1.5	13.0	5.9	1.5
	80.6	73.4	19.3	5.3	1.9	15.8	4.4	1.6	14.8	4.2	1.5	13.8	4.0	1.5
		66.2	18.6	8.3	1.9	15.2	6.9	1.6	14.2	6.6	1.5	13.3	6.3	1.5
		60.8	17.3	8.7	1.9	14.1	7.3	1.5	13.2	6.9	1.4	12.4	6.4	1.5
	84.2	66.2	18.8	8.9	1.9	15.3	7.4	1.6	14.4	7.0	1.5	13.4	6.7	1.5
		73.4	19.7	7.2	1.9	16.1	6.0	1.6	15.1	5.8	1.5	14.1	5.5	1.6
		60.8	18.2	9.4	1.9	14.8	7.7	1.6	13.9	7.2	1.5	13.0	6.7	1.5
	86.0	66.2	19.3	9.9	1.9	15.8	8.2	1.6	14.8	7.7	1.5	13.8	7.2	1.5
		73.4	19.3	8.7	1.9	15.8	7.3	1.6	14.8	7.0	1.5	13.8	6.6	1.5
		60.8	18.2	9.4	1.9	14.8	7.7	1.6	13.9	7.2	1.5	13.0	6.7	1.5
89.6	66.2	19.3	9.9	1.9	15.8	8.2	1.6	14.8	7.7	1.5	13.8	7.2	1.5	
	73.4	19.3	8.7	1.9	15.8	7.3	1.6	14.8	7.0	1.5	13.8	6.6	1.5	
	60.8	18.2	9.4	1.9	14.8	7.7	1.6	13.9	7.2	1.5	13.0	6.7	1.5	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD24NK3CO Indoor Unit:GFH24K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			64.4			69.8			77			86			95		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
753	64.4	48.2	10.8	5.0	1.0	11.5	5.6	1.1	13.4	6.9	1.2	14.0	7.6	1.4	14.4	8.3	1.6
		53.6	11.2	3.2	1.1	11.9	3.7	1.2	13.9	4.5	1.3	14.5	5.0	1.4	14.9	5.4	1.7
		59.0	13.5	3.3	1.2	14.4	3.8	1.3	16.7	4.7	1.4	17.5	5.1	1.6	18.0	5.6	1.8
	69.8	53.6	13.4	7.6	1.2	14.3	8.6	1.3	16.7	10.5	1.4	17.4	11.6	1.6	17.9	12.6	1.9
		59.0	13.8	6.2	1.3	14.7	7.0	1.4	17.1	8.6	1.5	17.8	9.5	1.7	18.3	10.3	2.0
		66.2	16.0	4.9	1.4	17.1	5.5	1.5	19.8	6.8	1.6	20.7	7.5	1.8	21.3	8.1	2.1
	75.2	60.8	14.4	7.8	1.3	15.3	8.8	1.4	17.8	10.8	1.5	18.6	11.9	1.7	19.2	12.9	2.0
		66.2	16.3	7.5	1.4	17.4	8.5	1.5	20.2	10.5	1.6	21.1	11.6	1.8	21.8	12.6	2.1
		73.4	16.0	3.5	1.4	17.1	4.0	1.6	19.8	4.9	1.7	20.7	5.4	1.9	21.3	5.9	2.2
	80.6	60.8	15.0	9.7	1.4	16.0	11.0	1.5	18.6	13.5	1.6	19.4	14.9	1.8	20.0	16.1	2.1
		66.2	16.7	9.6	1.4	17.8	10.9	1.5	20.7	13.4	1.6	21.5	14.8	1.8	22.2	16.0	2.2
		73.4	17.7	6.5	1.4	18.8	7.4	1.5	21.9	9.1	1.6	22.8	10.0	1.9	23.5	10.9	2.2
	84.2	66.2	17.0	10.3	1.4	18.1	11.7	1.5	21.1	14.4	1.6	22.0	15.8	1.9	22.7	17.1	2.2
		60.8	15.8	10.8	1.4	16.8	12.3	1.5	19.6	15.1	1.6	20.4	16.6	1.8	21.0	18.0	2.1
		66.2	17.2	11.0	1.4	18.3	12.4	1.5	21.3	15.3	1.6	22.2	16.9	1.9	22.9	18.3	2.2
	86.0	73.4	18.0	9.0	1.4	19.2	10.2	1.6	22.3	12.5	1.7	23.3	13.8	1.9	24.0	15.0	2.2
		60.8	16.6	11.7	1.4	17.7	13.3	1.5	20.6	16.3	1.6	21.5	18.0	1.8	22.1	19.5	2.2
		66.2	17.7	12.3	1.4	18.8	14.0	1.5	21.9	17.2	1.6	22.8	18.9	1.9	23.5	20.5	2.2
89.6	73.4	19.6	12.0	1.5	20.9	13.6	1.6	24.3	16.8	1.7	25.3	18.4	1.9	26.1	20.0	2.3	
	60.8	11.4	5.5	1.0	12.1	6.2	1.1	14.1	7.6	1.2	14.7	8.4	1.4	15.2	9.1	1.6	
	53.6	11.8	3.6	1.1	12.6	4.1	1.2	14.6	5.0	1.3	15.3	5.5	1.4	15.7	6.0	1.7	
848	64.4	59.0	14.2	3.7	1.2	15.2	4.2	1.3	17.6	5.1	1.4	18.4	5.7	1.6	19.0	6.1	1.9
		53.6	14.2	8.3	1.3	15.1	9.4	1.4	17.6	11.6	1.5	18.3	12.8	1.7	18.9	13.9	1.9
		59.0	14.5	6.8	1.3	15.5	7.7	1.4	18.0	9.5	1.5	18.7	10.5	1.7	19.3	11.3	2.0
	69.8	66.2	16.9	5.4	1.4	18.0	6.1	1.5	20.9	7.5	1.6	21.8	8.3	1.8	22.5	9.0	2.1
		60.8	15.1	8.5	1.3	16.1	9.7	1.4	18.8	11.9	1.5	19.6	13.1	1.7	20.2	14.2	2.0
		66.2	17.2	8.3	1.4	18.4	9.4	1.5	21.3	11.6	1.6	22.3	12.7	1.8	22.9	13.8	2.2
	75.2	73.4	16.9	3.9	1.5	18.0	4.4	1.6	20.9	5.4	1.7	21.8	6.0	1.9	22.5	6.5	2.2
		60.8	15.8	10.7	1.4	16.9	12.1	1.5	19.6	14.9	1.6	20.4	16.4	1.8	21.1	17.8	2.1
		66.2	17.6	10.6	1.4	18.7	12.0	1.5	21.8	14.8	1.6	22.7	16.2	1.9	23.4	17.6	2.2
	80.6	73.4	18.6	7.2	1.4	19.8	8.1	1.6	23.1	10.0	1.7	24.1	11.0	1.9	24.8	12.0	2.2
		66.2	17.9	11.3	1.4	19.1	12.8	1.5	22.2	15.8	1.6	23.2	17.4	1.9	23.9	18.9	2.2
		60.8	16.6	11.9	1.4	17.7	13.5	1.5	20.6	16.6	1.6	21.5	18.3	1.8	22.2	19.8	2.1
	86.0	66.2	18.1	12.1	1.4	19.3	13.7	1.5	22.4	16.9	1.6	23.4	18.6	1.9	24.1	20.2	2.2
		73.4	19.0	9.9	1.5	20.3	11.2	1.6	23.5	13.8	1.7	24.6	15.2	1.9	25.3	16.5	2.2
		60.8	17.5	12.9	1.4	18.7	14.6	1.5	21.7	18.0	1.6	22.6	19.8	1.9	23.3	21.5	2.2
	89.6	66.2	18.6	13.6	1.4	19.8	15.4	1.6	23.1	18.9	1.7	24.1	20.8	1.9	24.8	22.6	2.2
		73.4	19.6	12.5	1.5	20.9	14.2	1.6	24.3	17.5	1.7	25.3	19.3	1.9	26.1	20.9	2.3
		48.2	11.6	6.0	1.1	12.4	6.8	1.1	14.4	8.4	1.2	15.0	9.2	1.4	15.5	10.0	1.6
942	64.4	53.6	12.0	3.9	1.1	12.8	4.4	1.2	14.9	5.5	1.3	15.6	6.0	1.4	16.1	6.5	1.7
		59.0	14.5	4.0	1.2	15.5	4.6	1.3	18.0	5.6	1.4	18.8	6.2	1.6	19.3	6.7	1.9
		53.6	14.4	9.1	1.3	15.4	10.3	1.4	17.9	12.7	1.5	18.7	14.0	1.7	19.3	15.2	2.0
	69.8	59.0	14.8	7.5	1.3	15.8	8.5	1.4	18.3	10.4	1.5	19.1	11.5	1.7	19.7	12.4	2.0
		66.2	17.2	5.9	1.4	18.3	6.7	1.5	21.3	8.2	1.6	22.2	9.1	1.8	22.9	9.8	2.2
		60.8	15.4	9.4	1.3	16.5	10.6	1.4	19.2	13.1	1.5	20.0	14.4	1.7	20.6	15.6	2.0
	75.2	66.2	17.6	9.1	1.4	18.7	10.3	1.5	21.8	12.7	1.6	22.7	14.0	1.9	23.4	15.2	2.2
		73.4	17.2	4.3	1.5	18.4	4.9	1.6	21.3	6.0	1.7	22.3	6.6	1.9	22.9	7.1	2.3
		60.8	16.1	11.7	1.4	17.2	13.3	1.5	20.0	16.3	1.6	20.9	18.0	1.8	21.5	19.5	2.1
	80.6	66.2	17.9	11.6	1.4	19.1	13.2	1.5	22.2	16.2	1.7	23.2	17.8	1.9	23.9	19.3	2.2
		73.4	19.0	7.9	1.5	20.3	8.9	1.6	23.5	11.0	1.7	24.6	12.1	1.9	25.3	13.1	2.2
		66.2	18.3	12.4	1.4	19.5	14.1	1.6	22.7	17.3	1.7	23.6	19.1	1.9	24.4	20.7	2.2
	84.2	60.8	17.0	13.1	1.4	18.1	14.8	1.5	21.0	18.2	1.6	22.0	20.1	1.8	22.6	21.8	2.2
		66.2	18.5	13.3	1.4	19.7	15.0	1.6	22.9	18.5	1.7	23.9	20.4	1.9	24.6	22.1	2.2
		73.4	19.4	10.9	1.5	20.7	12.3	1.6	24.0	15.2	1.7	25.1	16.7	1.9	25.8	18.1	2.3
	89.6	60.8	17.8	14.1	1.4	19.0	16.0	1.5	22.1	19.7	1.6	23.1	21.7	1.9	23.8	23.6	2.2
		66.2	19.0	14.9	1.5	20.3	16.9	1.6	23.5	20.8	1.7	24.6	22.9	1.9	25.3	24.8	2.2
		73.4	19.6	13.5	1.5	20.9	15.3	1.6	24.3	18.8	1.7	25.3	20.7	1.9	26.1	22.5	2.3

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			64.4			69.8			77			86			95		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1036	64.4	48.2	11.8	4.4	1.1	12.6	5.0	1.2	14.7	6.2	1.2	15.3	6.8	1.4	15.8	10.5	1.6
		53.6	12.3	2.9	1.1	13.1	3.3	1.2	15.2	4.0	1.3	15.9	4.4	1.5	16.4	6.9	1.7
		59.0	14.8	3.0	1.2	15.8	3.4	1.3	18.4	4.1	1.4	19.1	4.6	1.6	19.7	7.1	1.9
	69.8	53.6	14.7	6.7	1.3	15.7	7.6	1.4	18.3	9.4	1.5	19.1	10.3	1.7	19.6	16.0	2.0
		59.0	15.1	5.5	1.3	16.1	6.2	1.4	18.7	7.6	1.5	19.5	8.4	1.7	20.1	13.1	2.0
		66.2	17.5	4.3	1.4	18.7	4.9	1.5	21.8	6.1	1.6	22.7	6.7	1.9	23.4	10.3	2.2
	75.2	60.8	15.8	6.9	1.3	16.8	7.8	1.4	19.5	9.6	1.5	20.4	10.6	1.7	21.0	16.4	2.0
		66.2	17.9	6.7	1.4	19.1	7.6	1.5	22.2	9.3	1.6	23.2	10.3	1.9	23.9	15.9	2.2
		73.4	17.5	3.1	1.5	18.7	3.6	1.6	21.8	4.4	1.7	22.7	4.8	1.9	23.4	7.5	2.3
	80.6	60.8	16.4	8.6	1.4	17.5	9.7	1.5	20.4	12.0	1.6	21.3	13.2	1.8	21.9	20.5	2.2
		66.2	18.3	8.5	1.4	19.5	9.7	1.6	22.7	11.9	1.7	23.6	13.1	1.9	24.4	20.3	2.2
		73.4	19.4	5.8	1.5	20.7	6.6	1.6	24.0	8.1	1.7	25.0	8.9	1.9	25.8	13.8	2.3
	84.2	66.2	18.6	9.1	1.5	19.9	10.3	1.6	23.1	12.7	1.7	24.1	14.0	1.9	24.8	21.8	2.2
		60.8	17.3	9.6	1.4	18.5	10.9	1.5	21.5	13.4	1.6	22.4	14.7	1.9	23.1	22.9	2.2
		66.2	18.8	9.7	1.5	20.1	11.0	1.6	23.3	13.6	1.7	24.3	15.0	1.9	25.1	23.2	2.2
	86.0	73.4	19.8	8.0	1.5	21.1	9.0	1.6	24.5	11.1	1.7	25.6	12.3	1.9	26.3	19.0	2.3
		60.8	18.2	10.4	1.4	19.4	11.8	1.6	22.6	14.5	1.7	23.5	15.9	1.9	24.3	24.7	2.2
		66.2	19.4	10.9	1.5	20.7	12.4	1.6	24.0	15.3	1.7	25.0	16.8	1.9	25.8	26.1	2.3
89.6	73.4	19.6	9.7	1.5	20.9	11.0	1.6	24.3	13.6	1.7	25.3	14.9	1.9	26.1	23.2	2.3	
	48.2	12.0	3.2	1.1	12.8	3.6	1.2	14.8	4.5	1.2	15.5	4.9	1.4	15.9	10.6	1.7	
	53.6	12.4	2.1	1.1	13.2	2.4	1.2	15.4	2.9	1.3	16.0	3.2	1.5	16.5	6.9	1.7	
1130	64.4	59.0	14.9	2.2	1.2	15.9	2.4	1.3	18.5	3.0	1.4	19.3	3.3	1.6	19.9	7.1	1.9
		53.6	14.9	4.9	1.3	15.9	5.5	1.4	18.4	6.8	1.5	19.2	7.5	1.7	19.8	16.1	2.0
		59.0	15.2	4.0	1.3	16.2	4.5	1.4	18.9	5.6	1.5	19.7	6.1	1.7	20.3	13.2	2.0
	69.8	66.2	17.7	3.2	1.4	18.9	3.6	1.5	22.0	4.4	1.6	22.9	4.8	1.9	23.6	10.4	2.2
		60.8	15.9	5.0	1.3	17.0	5.7	1.4	19.7	7.0	1.5	20.6	7.7	1.7	21.2	16.6	2.0
		66.2	18.1	4.9	1.4	19.3	5.5	1.6	22.4	6.8	1.7	23.4	7.5	1.9	24.1	16.1	2.2
	75.2	73.4	17.7	2.3	1.5	18.9	2.6	1.6	22.0	3.2	1.7	22.9	3.5	2.0	23.6	7.6	2.3
		60.8	16.6	6.2	1.4	17.7	7.1	1.5	20.6	8.7	1.6	21.5	9.6	1.9	22.1	20.7	2.2
		66.2	18.5	6.2	1.5	19.7	7.0	1.6	22.9	8.6	1.7	23.9	9.5	1.9	24.6	20.5	2.2
	80.6	73.4	19.6	4.2	1.5	20.9	4.8	1.6	24.3	5.9	1.7	25.3	6.5	1.9	26.1	13.9	2.3
		66.2	18.8	6.6	1.5	20.1	7.5	1.6	23.3	9.3	1.7	24.3	10.2	1.9	25.1	22.0	2.3
		60.8	17.5	7.0	1.4	18.6	7.9	1.5	21.7	9.7	1.6	22.6	10.7	1.9	23.3	23.1	2.2
	86.0	66.2	19.0	7.1	1.5	20.3	8.0	1.6	23.6	9.9	1.7	24.6	10.9	1.9	25.3	23.5	2.3
		73.4	20.0	5.8	1.5	21.3	6.6	1.6	24.7	8.1	1.7	25.8	8.9	2.0	26.6	19.2	2.3
		60.8	18.4	7.5	1.5	19.6	8.6	1.6	22.8	10.5	1.7	23.8	11.6	1.9	24.5	25.0	2.2
	89.6	66.2	19.6	7.9	1.5	20.9	9.0	1.6	24.3	11.1	1.7	25.3	12.2	1.9	26.1	26.3	2.3
		73.4	19.6	7.0	1.5	20.9	7.9	1.6	24.3	9.8	1.7	25.3	10.7	1.9	26.1	23.2	2.3

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°F)															
			95			102.2			109.4			114.8			118.4			
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
753	64.4	48.2	14.4	8.3	1.6	14.1	8.2	1.7	11.5	6.8	1.4	10.8	6.5	1.4	10.1	6.2	1.4	
		53.6	14.9	5.4	1.7	14.6	5.4	1.8	11.9	4.5	1.5	11.2	4.3	1.4	10.5	4.1	1.5	
		59.0	18.0	5.6	1.8	17.6	5.5	2.0	14.4	4.6	1.6	13.5	4.4	1.6	12.6	4.2	1.6	
	69.8	53.6	17.9	12.6	1.9	17.6	12.5	2.1	14.3	10.4	1.7	13.4	9.9	1.6	12.5	9.4	1.7	
		59.0	18.3	10.3	2.0	18.0	10.2	2.1	14.7	8.5	1.8	13.8	8.1	1.7	12.8	7.7	1.7	
		66.2	21.3	8.1	2.1	20.9	8.1	2.3	17.1	6.7	1.9	16.0	6.4	1.8	14.9	6.1	1.8	
	75.2	60.8	19.2	12.9	2.0	18.8	12.8	2.1	15.3	10.7	1.8	14.4	10.2	1.7	13.4	9.7	1.7	
		66.2	21.8	12.6	2.1	21.3	12.4	2.3	17.4	10.3	1.9	16.3	9.9	1.8	15.2	9.4	1.9	
		73.4	21.3	5.9	2.2	20.9	5.8	2.4	17.1	4.9	2.0	16.0	4.7	1.9	14.9	4.4	1.9	
	80.6	60.8	20.0	16.1	2.1	19.6	16.0	2.3	16.0	13.3	1.9	15.0	12.7	1.8	14.0	12.1	1.8	
		66.2	22.2	16.0	2.2	21.8	15.8	2.4	17.8	13.2	1.9	16.7	12.6	1.8	15.5	12.0	1.9	
		73.4	23.5	10.9	2.2	23.1	10.8	2.4	18.8	9.0	2.0	17.7	8.6	1.9	16.5	8.1	1.9	
	84.2	66.2	22.7	17.1	2.2	22.2	17.0	2.4	18.1	14.1	2.0	17.0	13.5	1.9	15.9	12.8	1.9	
		60.8	21.0	18.0	2.1	20.6	17.8	2.3	16.8	14.8	1.9	15.8	14.0	1.8	14.7	13.1	1.8	
		66.2	22.9	18.3	2.2	22.4	18.1	2.4	18.3	15.1	2.0	17.2	14.4	1.9	16.0	13.7	1.9	
	86.0	73.4	24.0	15.0	2.2	23.5	14.8	2.4	19.2	12.4	2.0	18.0	11.8	1.9	16.8	11.2	1.9	
		60.8	22.1	19.5	2.2	21.7	19.3	2.3	17.7	15.8	1.9	16.6	14.8	1.8	15.5	13.8	1.9	
		66.2	23.5	20.5	2.2	23.1	20.3	2.4	18.8	16.8	2.0	17.7	15.7	1.9	16.5	14.7	1.9	
89.6	73.4	26.1	20.0	2.3	25.6	19.8	2.5	20.9	16.5	2.0	19.6	15.8	1.9	18.3	15.0	2.0		
	848	64.4	48.2	15.2	9.1	1.6	14.9	9.0	1.8	12.1	7.5	1.4	11.4	7.2	1.4	10.6	6.8	1.4
			53.6	15.7	6.0	1.7	15.4	5.9	1.8	12.6	4.9	1.5	11.8	4.7	1.4	11.0	4.5	1.5
59.0			19.0	6.1	1.9	18.6	6.1	2.0	15.2	5.1	1.7	14.2	4.8	1.6	13.3	4.6	1.6	
69.8		53.6	18.9	13.9	1.9	18.5	13.7	2.1	15.1	11.4	1.7	14.2	10.9	1.7	13.2	10.4	1.7	
		59.0	19.3	11.3	2.0	18.9	11.2	2.2	15.5	9.3	1.8	14.5	8.9	1.7	13.5	8.5	1.7	
		66.2	22.5	9.0	2.1	22.0	8.9	2.3	18.0	7.4	1.9	16.9	7.1	1.8	15.7	6.7	1.9	
75.2		60.8	20.2	14.2	2.0	19.8	14.1	2.2	16.1	11.7	1.8	15.1	11.2	1.7	14.1	10.7	1.7	
		66.2	22.9	13.8	2.2	22.5	13.7	2.4	18.4	11.4	1.9	17.2	10.9	1.8	16.1	10.4	1.9	
		73.4	22.5	6.5	2.2	22.0	6.4	2.4	18.0	5.4	2.0	16.9	5.1	1.9	15.7	4.9	2.0	
80.6		60.8	21.1	17.8	2.1	20.6	17.6	2.3	16.9	14.6	1.9	15.8	14.0	1.8	14.7	13.3	1.8	
		66.2	23.4	17.6	2.2	22.9	17.5	2.4	18.7	14.5	2.0	17.6	13.9	1.9	16.4	13.2	1.9	
		73.4	24.8	12.0	2.2	24.3	11.8	2.4	19.8	9.9	2.0	18.6	9.4	1.9	17.4	9.0	1.9	
84.2		66.2	23.9	18.9	2.2	23.4	18.7	2.4	19.1	15.6	2.0	17.9	14.9	1.9	16.7	14.1	1.9	
		60.8	22.2	19.8	2.1	21.7	19.6	2.3	17.7	16.4	1.9	16.6	15.5	1.8	15.5	14.4	1.9	
		66.2	24.1	20.2	2.2	23.6	20.0	2.4	19.3	16.6	2.0	18.1	15.9	1.9	16.9	15.1	1.9	
86.0		73.4	25.3	16.5	2.2	24.8	16.3	2.4	20.3	13.6	2.0	19.0	13.0	1.9	17.7	12.4	2.0	
		60.8	23.3	21.5	2.2	22.9	21.3	2.4	18.7	17.4	2.0	17.5	16.3	1.9	16.3	15.2	1.9	
		66.2	24.8	22.6	2.2	24.3	22.4	2.4	19.8	18.5	2.0	18.6	17.3	1.9	17.4	16.2	1.9	
89.6	73.4	26.1	20.9	2.3	25.6	20.7	2.5	20.9	17.2	2.0	19.6	16.5	1.9	18.3	15.7	2.0		
	942	64.4	48.2	15.5	10.0	1.6	15.2	9.9	1.8	12.4	8.3	1.5	11.6	7.9	1.4	10.8	7.5	1.4
			53.6	16.1	6.5	1.7	15.7	6.5	1.9	12.8	5.4	1.5	12.0	5.2	1.4	11.2	4.9	1.5
59.0			19.3	6.7	1.9	19.0	6.7	2.0	15.5	5.6	1.7	14.5	5.3	1.6	13.5	5.0	1.6	
69.8		53.6	19.3	15.2	2.0	18.9	15.1	2.1	15.4	12.5	1.8	14.4	12.0	1.7	13.5	11.4	1.7	
		59.0	19.7	12.4	2.0	19.3	12.3	2.2	15.8	10.3	1.8	14.8	9.8	1.7	13.8	9.3	1.7	
		66.2	22.9	9.8	2.2	22.5	9.7	2.4	18.3	8.1	1.9	17.2	7.8	1.8	16.1	7.4	1.9	
75.2		60.8	20.6	15.6	2.0	20.2	15.5	2.2	16.5	12.9	1.8	15.4	12.3	1.7	14.4	11.7	1.7	
		66.2	23.4	15.2	2.2	22.9	15.0	2.4	18.7	12.5	2.0	17.6	11.9	1.9	16.4	11.4	1.9	
		73.4	22.9	7.1	2.3	22.5	7.1	2.5	18.4	5.9	2.0	17.2	5.6	1.9	16.1	5.3	2.0	
80.6		60.8	21.5	19.5	2.1	21.1	19.3	2.3	17.2	16.1	1.9	16.1	15.4	1.8	15.0	14.6	1.9	
		66.2	23.9	19.3	2.2	23.4	19.1	2.4	19.1	15.9	2.0	17.9	15.2	1.9	16.7	14.5	1.9	
		73.4	25.3	13.1	2.2	24.8	13.0	2.4	20.3	10.8	2.0	19.0	10.3	1.9	17.7	9.8	2.0	
84.2		66.2	24.4	20.7	2.2	23.9	20.5	2.4	19.5	17.1	2.0	18.3	16.3	1.9	17.1	15.5	1.9	
		60.8	22.6	21.8	2.2	22.2	21.6	2.3	18.1	17.9	1.9	17.0	17.0	1.8	15.8	15.8	1.9	
		66.2	24.6	22.1	2.2	24.1	21.9	2.4	19.7	18.2	2.0	18.5	17.4	1.9	17.2	16.6	1.9	
86.0		73.4	25.8	18.1	2.3	25.3	17.9	2.5	20.7	14.9	2.0	19.4	14.3	1.9	18.1	13.6	2.0	
		60.8	23.8	23.6	2.2	23.3	23.3	2.4	19.0	19.0	2.0	17.8	17.8	1.9	16.7	16.7	1.9	
		66.2	25.3	24.8	2.2	24.8	24.6	2.4	20.3	20.3	2.0	19.0	19.0	1.9	17.7	17.7	2.0	
89.6	73.4	26.1	22.5	2.3	25.6	22.3	2.5	20.9	18.5	2.0	19.6	17.7	1.9	18.3	16.8	2.0		

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			95			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1036	64.4	48.2	15.8	10.5	1.6	15.5	7.3	1.8	12.6	6.1	1.5	11.8	5.8	1.4	11.1	5.5	1.4
		53.6	16.4	6.9	1.7	16.1	4.8	1.9	13.1	4.0	1.5	12.3	3.8	1.5	11.5	3.6	1.5
		59.0	19.7	7.1	1.9	19.3	4.9	2.1	15.8	4.1	1.7	14.8	3.9	1.6	13.8	3.7	1.6
	69.8	53.6	19.6	16.0	2.0	19.3	11.1	2.2	15.7	9.2	1.8	14.7	8.8	1.7	13.8	8.4	1.7
		59.0	20.1	13.1	2.0	19.7	9.0	2.2	16.1	7.5	1.8	15.1	7.2	1.7	14.1	6.8	1.8
		66.2	23.4	10.3	2.2	22.9	7.2	2.4	18.7	6.0	2.0	17.5	5.7	1.9	16.4	5.4	1.9
	75.2	60.8	21.0	16.4	2.0	20.6	11.4	2.2	16.8	9.5	1.8	15.8	9.0	1.7	14.7	8.6	1.8
		66.2	23.9	15.9	2.2	23.4	11.0	2.4	19.1	9.2	2.0	17.9	8.8	1.9	16.7	8.3	1.9
		73.4	23.4	7.5	2.3	22.9	5.2	2.5	18.7	4.3	2.1	17.5	4.1	1.9	16.4	3.9	2.0
	80.6	60.8	21.9	20.5	2.2	21.5	14.2	2.3	17.5	11.8	1.9	16.4	11.3	1.8	15.3	10.7	1.9
		66.2	24.4	20.3	2.2	23.9	14.1	2.4	19.5	11.7	2.0	18.3	11.2	1.9	17.1	10.6	1.9
		73.4	25.8	13.8	2.3	25.3	9.5	2.5	20.7	7.9	2.0	19.4	7.6	1.9	18.1	7.2	2.0
	84.2	66.2	24.8	21.8	2.2	24.4	15.1	2.4	19.9	12.5	2.0	18.6	12.0	1.9	17.4	11.4	2.0
		60.8	23.1	22.9	2.2	22.6	15.8	2.4	18.5	13.2	2.0	17.3	12.5	1.9	16.2	11.6	1.9
		66.2	25.1	23.2	2.2	24.6	16.1	2.4	20.1	13.4	2.0	18.8	12.8	1.9	17.6	12.2	2.0
	86.0	73.4	26.3	19.0	2.3	25.8	13.2	2.5	21.1	11.0	2.1	19.8	10.5	1.9	18.4	10.0	2.0
		60.8	24.3	24.7	2.2	23.8	17.1	2.4	19.4	14.0	2.0	18.2	13.1	1.9	17.0	12.2	1.9
		66.2	25.8	26.1	2.3	25.3	18.0	2.5	20.7	14.9	2.0	19.4	13.9	1.9	18.1	13.0	2.0
	89.6	73.4	26.1	23.2	2.3	25.6	16.0	2.5	20.9	13.3	2.0	19.6	12.8	1.9	18.3	12.1	2.0
		64.4	48.2	15.9	10.6	1.7	15.6	5.3	1.8	12.8	4.4	1.5	12.0	4.2	1.4	11.2	4.0
53.6		16.5	6.9	1.7	16.2	3.5	1.9	13.2	2.9	1.6	12.4	2.8	1.5	11.6	2.6	1.5	
1130	64.4	59.0	19.9	7.1	1.9	19.5	3.6	2.1	15.9	3.0	1.7	14.9	2.8	1.6	13.9	2.7	1.7
		53.6	19.8	16.1	2.0	19.4	8.0	2.2	15.9	6.7	1.8	14.9	6.4	1.7	13.9	6.1	1.7
		59.0	20.3	13.2	2.0	19.9	6.6	2.2	16.2	5.5	1.8	15.2	5.2	1.7	14.2	5.0	1.8
	69.8	66.2	23.6	10.4	2.2	23.1	5.2	2.4	18.9	4.3	2.0	17.7	4.1	1.9	16.5	3.9	1.9
		60.8	21.2	16.6	2.0	20.8	8.3	2.2	17.0	6.9	1.8	15.9	6.6	1.7	14.9	6.2	1.8
		66.2	24.1	16.1	2.2	23.6	8.0	2.4	19.3	6.7	2.0	18.1	6.4	1.9	16.9	6.1	1.9
	75.2	73.4	23.6	7.6	2.3	23.2	3.8	2.5	18.9	3.1	2.1	17.7	3.0	2.0	16.5	2.9	2.0
		60.8	22.1	20.7	2.2	21.7	10.3	2.4	17.7	8.6	2.0	16.6	8.2	1.9	15.5	7.8	1.9
		66.2	24.6	20.5	2.2	24.1	10.2	2.4	19.7	8.5	2.0	18.5	8.1	1.9	17.2	7.7	2.0
	80.6	73.4	26.1	13.9	2.3	25.6	6.9	2.5	20.9	5.8	2.1	19.6	5.5	1.9	18.3	5.2	2.0
		66.2	25.1	22.0	2.3	24.6	11.0	2.5	20.1	9.1	2.0	18.8	8.7	1.9	17.6	8.3	2.0
		60.8	23.3	23.1	2.2	22.8	11.5	2.4	18.6	9.6	2.0	17.5	9.1	1.9	16.3	8.5	1.9
	86.0	66.2	25.3	23.5	2.3	24.8	11.7	2.5	20.3	9.7	2.0	19.0	9.3	1.9	17.7	8.8	2.0
		73.4	26.6	19.2	2.3	26.1	9.6	2.5	21.3	8.0	2.1	20.0	7.6	2.0	18.6	7.2	2.0
		60.8	24.5	25.0	2.2	24.0	12.5	2.4	19.6	10.2	2.0	18.4	9.5	1.9	17.2	8.9	2.0
	89.6	66.2	26.1	26.3	2.3	25.6	13.1	2.5	20.9	10.8	2.1	19.6	10.1	1.9	18.3	9.5	2.0
		73.4	26.1	23.2	2.3	25.6	11.5	2.5	20.9	9.6	2.0	19.6	9.2	1.9	18.3	8.7	2.0

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD30NK3CO Indoor Unit:GFH30K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)															
			64.4			69.8			77			86			95			
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
706	64.4	48.2	12.6	5.8	1.2	13.5	6.6	1.3	15.7	8.1	1.4	16.4	9.0	1.6	16.9	9.7	1.9	
		53.6	13.1	3.8	1.3	14.0	4.3	1.4	16.3	5.3	1.5	17.0	5.8	1.7	17.5	6.3	2.0	
		59.0	15.8	3.9	1.4	16.9	4.4	1.5	19.6	5.5	1.6	20.4	6.0	1.8	21.1	6.5	2.2	
	69.8	53.6	15.7	8.9	1.5	16.8	10.0	1.6	19.5	12.3	1.7	20.4	13.6	1.9	21.0	14.8	2.3	
		59.0	16.1	7.2	1.5	17.2	8.2	1.6	20.0	10.1	1.7	20.8	11.1	2.0	21.5	12.1	2.3	
		66.2	18.7	5.7	1.6	20.0	6.5	1.7	23.2	8.0	1.9	24.2	8.8	2.1	25.0	9.5	2.5	
	75.2	60.8	16.8	9.1	1.5	18.0	10.3	1.6	20.9	12.7	1.7	21.8	14.0	2.0	22.4	15.1	2.3	
		66.2	19.1	8.8	1.6	20.4	10.0	1.8	23.7	12.3	1.9	24.7	13.6	2.1	25.5	14.7	2.5	
		73.4	18.7	4.2	1.7	20.0	4.7	1.8	23.2	5.8	2.0	24.2	6.4	2.2	25.0	6.9	2.6	
	80.6	60.8	17.6	11.3	1.6	18.7	12.9	1.7	21.8	15.8	1.9	22.7	17.4	2.1	23.4	18.9	2.5	
		66.2	19.5	11.3	1.7	20.8	12.8	1.8	24.2	15.7	1.9	25.2	17.3	2.2	26.0	18.8	2.5	
		73.4	20.7	7.6	1.7	22.1	8.7	1.8	25.7	10.7	1.9	26.8	11.7	2.2	27.6	12.7	2.6	
	84.2	66.2	19.9	12.1	1.7	21.2	13.7	1.8	24.7	16.8	1.9	25.7	18.5	2.2	26.5	20.1	2.6	
		86.0	60.8	18.5	12.7	1.6	19.7	14.4	1.7	22.9	17.7	1.9	23.9	19.5	2.1	24.7	21.1	2.5
			66.2	20.1	12.9	1.7	21.4	14.6	1.8	24.9	18.0	1.9	26.0	19.8	2.2	26.8	21.4	2.6
	73.4		21.1	10.5	1.7	22.5	11.9	1.8	26.2	14.7	2.0	27.3	16.2	2.2	28.1	17.6	2.6	
	89.6	60.8	19.4	13.7	1.7	20.7	15.5	1.8	24.1	19.1	1.9	25.1	21.0	2.2	25.9	22.8	2.5	
		66.2	20.7	14.4	1.7	22.1	16.4	1.8	25.7	20.1	1.9	26.8	22.2	2.2	27.6	24.1	2.6	
73.4		22.9	14.1	1.7	24.4	15.9	1.9	28.4	19.6	2.0	29.6	21.6	2.3	30.5	23.4	2.7		
795	64.4	48.2	13.3	6.4	1.2	14.2	7.3	1.3	16.5	9.0	1.4	17.2	9.9	1.6	17.8	10.7	1.9	
		53.6	13.8	4.2	1.3	14.7	4.8	1.4	17.1	5.8	1.5	17.9	6.4	1.7	18.4	7.0	2.0	
		59.0	16.7	4.3	1.4	17.8	4.9	1.5	20.7	6.0	1.6	21.5	6.6	1.9	22.2	7.2	2.2	
	69.8	53.6	16.6	9.7	1.5	17.7	11.0	1.6	20.6	13.6	1.7	21.4	15.0	2.0	22.1	16.2	2.3	
		59.0	17.0	8.0	1.5	18.1	9.0	1.6	21.1	11.1	1.8	22.0	12.2	2.0	22.6	13.3	2.3	
		66.2	19.7	6.3	1.6	21.1	7.1	1.8	24.5	8.8	1.9	25.5	9.7	2.1	26.3	10.5	2.5	
	75.2	60.8	17.7	10.0	1.5	18.9	11.3	1.6	22.0	14.0	1.8	22.9	15.4	2.0	23.6	16.7	2.3	
		66.2	20.2	9.7	1.7	21.5	11.0	1.8	25.0	13.6	1.9	26.1	14.9	2.2	26.9	16.2	2.5	
		73.4	19.7	4.6	1.7	21.1	5.2	1.9	24.5	6.4	2.0	25.5	7.0	2.3	26.3	7.6	2.7	
	80.6	60.8	18.5	12.5	1.6	19.7	14.2	1.7	22.9	17.4	1.9	23.9	19.2	2.1	24.7	20.8	2.5	
		66.2	20.6	12.4	1.7	21.9	14.0	1.8	25.5	17.3	1.9	26.6	19.0	2.2	27.4	20.7	2.6	
		73.4	21.8	8.4	1.7	23.3	9.5	1.8	27.0	11.7	2.0	28.2	12.9	2.2	29.1	14.0	2.6	
	84.2	66.2	21.0	13.3	1.7	22.4	15.0	1.8	26.0	18.5	1.9	27.1	20.4	2.2	28.0	22.1	2.6	
		86.0	60.8	19.5	13.9	1.6	20.8	15.8	1.8	24.2	19.5	1.9	25.2	21.4	2.1	26.0	23.2	2.5
			66.2	21.2	14.2	1.7	22.6	16.1	1.8	26.3	19.8	1.9	27.4	21.8	2.2	28.2	23.6	2.6
	73.4		22.2	11.6	1.7	23.7	13.2	1.9	27.6	16.2	2.0	28.8	17.8	2.3	29.7	19.3	2.7	
	89.6	60.8	20.5	15.1	1.7	21.9	17.1	1.8	25.4	21.1	1.9	26.5	23.2	2.2	27.3	25.2	2.6	
		66.2	21.8	15.9	1.7	23.3	18.0	1.8	27.0	22.2	2.0	28.2	24.4	2.2	29.1	26.5	2.6	
73.4		22.9	14.7	1.7	24.4	16.7	1.9	28.4	20.5	2.0	29.6	22.6	2.3	30.5	24.5	2.7		
883	64.4	48.2	13.6	7.0	1.2	14.5	8.0	1.3	16.9	9.8	1.4	17.6	10.8	1.6	18.1	11.7	1.9	
		53.6	14.1	4.6	1.3	15.0	5.2	1.4	17.5	6.4	1.5	18.2	7.1	1.7	18.8	7.7	2.0	
		59.0	17.0	4.7	1.4	18.1	5.4	1.5	21.1	6.6	1.7	22.0	7.3	1.9	22.7	7.9	2.2	
	69.8	53.6	16.9	10.7	1.5	18.0	12.1	1.6	21.0	14.9	1.7	21.9	16.4	2.0	22.6	17.8	2.3	
		59.0	17.3	8.7	1.5	18.5	9.9	1.7	21.5	12.2	1.8	22.4	13.4	2.0	23.1	14.6	2.4	
		66.2	20.1	6.9	1.7	21.5	7.8	1.8	25.0	9.7	1.9	26.1	10.6	2.2	26.9	11.5	2.5	
	75.2	60.8	18.1	11.0	1.5	19.3	12.4	1.7	22.4	15.3	1.8	23.4	16.9	2.0	24.1	18.3	2.4	
		66.2	20.6	10.7	1.7	21.9	12.1	1.8	25.5	14.9	1.9	26.6	16.4	2.2	27.4	17.8	2.6	
		73.4	20.2	5.0	1.7	21.5	5.7	1.9	25.0	7.0	2.0	26.1	7.7	2.3	26.9	8.4	2.7	
	80.6	60.8	18.9	13.7	1.6	20.1	15.5	1.8	23.4	19.1	1.9	24.4	21.1	2.1	25.2	22.8	2.5	
		66.2	21.0	13.6	1.7	22.4	15.4	1.8	26.0	19.0	2.0	27.1	20.9	2.2	28.0	22.7	2.6	
		73.4	22.2	9.2	1.7	23.7	10.5	1.9	27.6	12.9	2.0	28.8	14.2	2.3	29.7	15.4	2.7	
	84.2	66.2	21.4	14.6	1.7	22.8	16.5	1.8	26.5	20.3	2.0	27.7	22.4	2.2	28.5	24.3	2.6	
		86.0	60.8	19.9	15.3	1.7	21.2	17.3	1.8	24.7	21.3	1.9	25.7	23.5	2.2	26.5	25.5	2.5
			66.2	21.6	15.5	1.7	23.1	17.6	1.8	26.8	21.7	2.0	28.0	23.9	2.2	28.8	25.9	2.6
	73.4		22.7	12.7	1.7	24.2	14.4	1.9	28.1	17.8	2.0	29.4	19.6	2.3	30.3	21.2	2.7	
	89.6	60.8	20.9	16.6	1.7	22.3	18.8	1.8	25.9	23.1	1.9	27.0	25.4	2.2	27.9	27.6	2.6	
		66.2	22.2	17.4	1.7	23.7	19.8	1.9	27.6	24.3	2.0	28.8	26.8	2.3	29.7	29.1	2.7	
73.4		22.9	15.8	1.7	24.4	17.9	1.9	28.4	22.1	2.0	29.6	24.3	2.3	30.5	26.3	2.7		

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			64.4			69.8			77			86			95		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
971	64.4	48.2	13.9	5.2	1.3	14.8	5.9	1.4	17.2	7.2	1.5	17.9	7.9	1.7	18.5	12.3	1.9
		53.6	14.4	3.4	1.3	15.3	3.8	1.4	17.8	4.7	1.5	18.6	5.2	1.7	19.2	8.1	2.0
		59.0	17.3	3.5	1.5	18.5	3.9	1.6	21.5	4.9	1.7	22.4	5.3	1.9	23.1	8.3	2.2
	69.8	53.6	17.3	7.9	1.5	18.4	8.9	1.6	21.4	11.0	1.8	22.3	12.1	2.0	23.0	18.7	2.3
		59.0	17.7	6.4	1.6	18.8	7.3	1.7	21.9	9.0	1.8	22.9	9.9	2.0	23.6	15.3	2.4
		66.2	20.5	5.1	1.7	21.9	5.8	1.8	25.5	7.1	1.9	26.6	7.8	2.2	27.4	12.1	2.6
	75.2	60.8	18.5	8.1	1.6	19.7	9.1	1.7	22.9	11.2	1.8	23.9	12.4	2.0	24.6	19.2	2.4
		66.2	21.0	7.8	1.7	22.4	8.9	1.8	26.0	10.9	1.9	27.1	12.0	2.2	28.0	18.7	2.6
		73.4	20.6	3.7	1.8	21.9	4.2	1.9	25.5	5.1	2.0	26.6	5.7	2.3	27.4	8.8	2.7
	80.6	60.8	19.3	10.1	1.7	20.5	11.4	1.8	23.9	14.0	1.9	24.9	15.5	2.2	25.7	24.0	2.5
		66.2	21.4	10.0	1.7	22.8	11.3	1.8	26.5	13.9	2.0	27.7	15.3	2.2	28.5	23.8	2.6
		73.4	22.7	6.8	1.7	24.2	7.7	1.9	28.1	9.5	2.0	29.3	10.4	2.3	30.3	16.2	2.7
	84.2	66.2	21.8	10.7	1.7	23.3	12.1	1.9	27.1	14.9	2.0	28.2	16.4	2.3	29.1	25.5	2.7
		60.8	20.3	11.2	1.7	21.6	12.7	1.8	25.1	15.7	1.9	26.2	17.3	2.2	27.0	26.8	2.6
		66.2	22.0	11.4	1.7	23.5	12.9	1.9	27.3	15.9	2.0	28.5	17.5	2.3	29.4	27.2	2.7
	86.0	73.4	23.1	9.4	1.8	24.7	10.6	1.9	28.7	13.0	2.0	29.9	14.4	2.3	30.9	22.3	2.7
		60.8	21.3	12.2	1.7	22.7	13.8	1.8	26.4	17.0	2.0	27.6	18.7	2.2	28.4	29.0	2.6
		66.2	22.7	12.8	1.7	24.2	14.5	1.9	28.1	17.9	2.0	29.3	19.7	2.3	30.3	30.5	2.7
89.6	73.4	22.9	11.4	1.7	24.4	12.9	1.9	28.4	15.9	2.0	29.6	17.5	2.3	30.5	27.1	2.7	
	48.2	14.0	3.8	1.3	14.9	4.3	1.4	17.4	5.2	1.5	18.1	5.8	1.7	18.7	12.5	2.0	
	53.6	14.5	2.5	1.3	15.5	2.8	1.4	18.0	3.4	1.5	18.8	3.8	1.7	19.4	8.1	2.1	
1059	64.4	59.0	17.5	2.5	1.5	18.7	2.9	1.6	21.7	3.5	1.7	22.6	3.9	1.9	23.3	8.4	2.3
		53.6	17.4	5.7	1.5	18.6	6.5	1.7	21.6	8.0	1.8	22.5	8.8	2.0	23.2	18.9	2.4
		59.0	17.8	4.7	1.6	19.0	5.3	1.7	22.1	6.5	1.8	23.1	7.2	2.1	23.8	15.5	2.4
	69.8	66.2	20.7	3.7	1.7	22.1	4.2	1.8	25.7	5.2	1.9	26.8	5.7	2.2	27.7	12.2	2.6
		60.8	18.6	5.9	1.6	19.9	6.6	1.7	23.1	8.2	1.8	24.1	9.0	2.1	24.9	19.4	2.4
		66.2	21.2	5.7	1.7	22.6	6.5	1.8	26.3	7.9	2.0	27.4	8.7	2.2	28.2	18.8	2.6
	75.2	73.4	20.8	2.7	1.8	22.1	3.0	1.9	25.7	3.7	2.0	26.8	4.1	2.3	27.7	8.9	2.7
		60.8	19.5	7.3	1.7	20.7	8.3	1.8	24.1	10.2	1.9	25.2	11.2	2.2	25.9	24.2	2.6
		66.2	21.6	7.3	1.7	23.1	8.2	1.9	26.8	10.1	2.0	28.0	11.2	2.3	28.8	24.0	2.7
	80.6	73.4	22.9	4.9	1.8	24.4	5.6	1.9	28.4	6.9	2.0	29.6	7.6	2.3	30.5	16.3	2.7
		66.2	22.0	7.8	1.7	23.5	8.8	1.9	27.3	10.8	2.0	28.5	11.9	2.3	29.4	25.7	2.7
		60.8	20.5	8.2	1.7	21.8	9.3	1.8	25.4	11.4	1.9	26.5	12.5	2.2	27.3	27.1	2.6
	86.0	66.2	22.3	8.3	1.7	23.7	9.4	1.9	27.6	11.6	2.0	28.8	12.7	2.3	29.7	27.5	2.7
		73.4	23.4	6.8	1.8	24.9	7.7	1.9	29.0	9.5	2.0	30.2	10.4	2.3	31.2	22.5	2.7
		60.8	21.5	8.8	1.7	23.0	10.0	1.9	26.7	12.3	2.0	27.9	13.6	2.3	28.7	29.3	2.7
	89.6	66.2	22.9	9.3	1.8	24.4	10.6	1.9	28.4	13.0	2.0	29.6	14.3	2.3	30.5	30.8	2.7
		73.4	22.9	8.2	1.7	24.4	9.3	1.9	28.4	11.4	2.0	29.6	12.6	2.3	30.5	27.1	2.7

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AFR	Indoor temperature		Outdoor temperature DB (°F)											
			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
706	64.4	48.2	16.5	9.6	2.1	13.5	8.0	1.7	12.6	7.7	1.6	11.8	7.3	1.6
		53.6	17.1	6.3	2.1	14.0	5.2	1.8	13.1	5.0	1.7	12.2	4.8	1.7
		59.0	20.7	6.5	2.4	16.9	5.4	1.9	15.8	5.1	1.8	14.8	4.9	1.9
	69.8	53.6	20.6	14.6	2.5	16.8	12.2	2.0	15.7	11.6	1.9	14.7	11.0	2.0
		59.0	21.1	11.9	2.5	17.2	9.9	2.1	16.1	9.5	2.0	15.0	9.0	2.0
		66.2	24.5	9.4	2.7	20.0	7.9	2.2	18.7	7.5	2.1	17.5	7.1	2.2
	75.2	60.8	22.0	15.0	2.5	18.0	12.5	2.1	16.8	11.9	2.0	15.7	11.3	2.0
		66.2	25.0	14.6	2.7	20.4	12.1	2.3	19.1	11.6	2.1	17.8	11.0	2.2
		73.4	24.5	6.8	2.9	20.0	5.7	2.4	18.7	5.4	2.2	17.5	5.2	2.3
	80.6	60.8	22.9	18.7	2.7	18.7	15.6	2.2	17.6	14.9	2.1	16.4	14.2	2.2
		66.2	25.5	18.6	2.8	20.8	15.5	2.3	19.5	14.8	2.2	18.2	14.0	2.2
		73.4	27.0	12.6	2.8	22.1	10.5	2.3	20.7	10.0	2.2	19.3	9.5	2.3
	84.2	66.2	26.0	19.9	2.8	21.2	16.6	2.3	19.9	15.8	2.2	18.6	15.0	2.2
		60.8	24.2	20.9	2.7	19.7	17.4	2.2	18.5	16.5	2.1	17.3	15.4	2.2
		66.2	26.3	21.2	2.8	21.4	17.7	2.3	20.1	16.9	2.2	18.8	16.1	2.2
	86.0	73.4	27.6	17.4	2.9	22.5	14.5	2.4	21.1	13.8	2.2	19.7	13.2	2.3
		60.8	25.4	22.6	2.8	20.7	18.5	2.3	19.4	17.3	2.2	18.1	16.2	2.2
		66.2	27.0	23.8	2.8	22.1	19.6	2.3	20.7	18.4	2.2	19.3	17.2	2.3
89.6	73.4	29.9	23.2	2.9	24.4	19.3	2.4	22.9	18.5	2.3	21.4	17.6	2.3	
	60.8	25.4	22.6	2.8	20.7	18.5	2.3	19.4	17.3	2.2	18.1	16.2	2.2	
	66.2	27.0	23.8	2.8	22.1	19.6	2.3	20.7	18.4	2.2	19.3	17.2	2.3	
795	64.4	48.2	17.4	10.6	2.1	14.2	8.8	1.7	13.3	8.4	1.6	12.4	8.0	1.7
		53.6	18.1	6.9	2.2	14.7	5.8	1.8	13.8	5.5	1.7	12.9	5.2	1.7
		59.0	21.8	7.1	2.4	17.8	5.9	2.0	16.7	5.7	1.9	15.5	5.4	1.9
	69.8	53.6	21.7	16.1	2.5	17.7	13.4	2.1	16.6	12.8	2.0	15.5	12.2	2.0
		59.0	22.2	13.2	2.6	18.1	10.9	2.1	17.0	10.5	2.0	15.8	10.0	2.0
		66.2	25.8	10.4	2.7	21.1	8.7	2.3	19.7	8.3	2.1	18.4	7.9	2.2
	75.2	60.8	23.2	16.5	2.6	18.9	13.7	2.1	17.7	13.1	2.0	16.6	12.5	2.0
		66.2	26.3	16.0	2.8	21.5	13.3	2.3	20.2	12.8	2.2	18.8	12.1	2.2
		73.4	25.8	7.5	2.9	21.1	6.3	2.4	19.7	6.0	2.3	18.4	5.7	2.3
	80.6	60.8	24.2	20.6	2.7	19.7	17.2	2.2	18.5	16.4	2.1	17.3	15.6	2.2
		66.2	26.9	20.4	2.8	21.9	17.0	2.3	20.6	16.3	2.2	19.2	15.5	2.2
		73.4	28.5	13.9	2.9	23.3	11.5	2.4	21.8	11.0	2.2	20.3	10.5	2.3
	84.2	66.2	27.4	21.9	2.8	22.4	18.2	2.3	21.0	17.4	2.2	19.6	16.6	2.3
		60.8	25.5	23.0	2.7	20.8	19.2	2.3	19.5	18.1	2.1	18.2	16.9	2.2
		66.2	27.7	23.4	2.8	22.6	19.5	2.3	21.2	18.6	2.2	19.8	17.7	2.3
	86.0	73.4	29.1	19.1	2.9	23.7	15.9	2.4	22.2	15.2	2.3	20.8	14.5	2.3
		60.8	26.8	24.9	2.8	21.9	20.3	2.3	20.5	19.1	2.2	19.1	17.8	2.2
		66.2	28.5	26.2	2.9	23.3	21.6	2.4	21.8	20.3	2.2	20.3	18.9	2.3
89.6	73.4	29.9	24.3	2.9	24.4	20.2	2.4	22.9	19.3	2.3	21.4	18.4	2.3	
	48.2	17.8	11.6	2.1	14.5	9.7	1.7	13.6	9.2	1.6	12.7	8.8	1.7	
	53.6	18.4	7.6	2.2	15.0	6.3	1.8	14.1	6.0	1.7	13.2	5.7	1.7	
883	64.4	59.0	22.2	7.8	2.4	18.1	6.5	2.0	17.0	6.2	1.9	15.9	5.9	1.9
		53.6	22.1	17.6	2.5	18.0	14.7	2.1	16.9	14.0	2.0	15.8	13.3	2.0
		59.0	22.6	14.4	2.6	18.5	12.0	2.1	17.3	11.5	2.0	16.2	10.9	2.1
	69.8	66.2	26.3	11.4	2.8	21.5	9.5	2.3	20.1	9.1	2.2	18.8	8.6	2.2
		60.8	23.6	18.1	2.6	19.3	15.1	2.1	18.1	14.4	2.0	16.9	13.7	2.1
		66.2	26.9	17.6	2.8	21.9	14.6	2.3	20.6	14.0	2.2	19.2	13.3	2.2
	75.2	73.4	26.3	8.3	2.9	21.5	6.9	2.4	20.2	6.6	2.3	18.8	6.3	2.3
		60.8	24.7	22.6	2.7	20.1	18.8	2.3	18.9	18.0	2.1	17.6	17.1	2.2
		66.2	27.4	22.4	2.8	22.4	18.7	2.3	21.0	17.8	2.2	19.6	17.0	2.3
	80.6	73.4	29.1	15.2	2.9	23.7	12.7	2.4	22.2	12.1	2.3	20.8	11.5	2.3
		66.2	28.0	24.0	2.9	22.8	20.0	2.4	21.4	19.1	2.2	20.0	18.2	2.3
		60.8	26.0	25.2	2.8	21.2	21.0	2.3	19.9	19.9	2.2	18.6	18.6	2.2
	84.2	66.2	28.2	25.6	2.9	23.1	21.3	2.4	21.6	20.4	2.2	20.2	19.4	2.3
		73.4	29.7	21.0	2.9	24.2	17.5	2.4	22.7	16.7	2.3	21.2	15.9	2.3
		60.8	27.3	27.3	2.8	22.3	22.3	2.3	20.9	20.9	2.2	19.5	19.5	2.3
	86.0	66.2	29.1	28.8	2.9	23.7	23.7	2.4	22.2	22.2	2.3	20.8	20.8	2.3
		73.4	29.9	26.1	2.9	24.4	21.7	2.4	22.9	20.7	2.3	21.4	19.7	2.3

AFR	Indoor temperature		Outdoor temperature DB (°F)											
			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
971	64.4	48.2	18.1	8.5	2.1	14.8	7.1	1.7	13.9	6.8	1.7	12.9	6.5	1.7
		53.6	18.8	5.6	2.2	15.3	4.6	1.8	14.4	4.4	1.7	13.4	4.2	1.8
		59.0	22.7	5.7	2.4	18.5	4.8	2.0	17.3	4.6	1.9	16.2	4.3	1.9
	69.8	53.6	22.6	13.0	2.6	18.4	10.8	2.1	17.3	10.3	2.0	16.1	9.8	2.0
		59.0	23.1	10.6	2.6	18.8	8.8	2.2	17.7	8.4	2.0	16.5	8.0	2.1
		66.2	26.8	8.4	2.8	21.9	7.0	2.3	20.5	6.7	2.2	19.2	6.3	2.2
	75.2	60.8	24.1	13.3	2.6	19.7	11.1	2.2	18.5	10.6	2.0	17.2	10.1	2.1
		66.2	27.4	12.9	2.8	22.4	10.8	2.3	21.0	10.3	2.2	19.6	9.8	2.3
		73.4	26.9	6.1	2.9	21.9	5.1	2.4	20.6	4.8	2.3	19.2	4.6	2.4
	80.6	60.8	25.2	16.6	2.8	20.5	13.8	2.3	19.3	13.2	2.2	18.0	12.6	2.2
		66.2	28.0	16.5	2.9	22.8	13.7	2.4	21.4	13.1	2.2	20.0	12.5	2.3
		73.4	29.6	11.2	2.9	24.2	9.3	2.4	22.7	8.9	2.3	21.2	8.5	2.3
	84.2	66.2	28.5	17.6	2.9	23.3	14.7	2.4	21.8	14.0	2.3	20.4	13.4	2.3
		60.8	26.5	18.5	2.8	21.6	15.4	2.3	20.3	14.6	2.2	18.9	13.6	2.2
		66.2	28.8	18.8	2.9	23.5	15.7	2.4	22.0	15.0	2.3	20.6	14.3	2.3
	86.0	73.4	30.2	15.4	2.9	24.7	12.8	2.4	23.1	12.3	2.3	21.6	11.7	2.4
		60.8	27.9	20.1	2.9	22.7	16.4	2.4	21.3	15.4	2.2	19.9	14.3	2.3
		66.2	29.6	21.1	2.9	24.2	17.4	2.4	22.7	16.3	2.3	21.2	15.2	2.3
	89.6	73.4	29.9	18.8	2.9	24.4	15.6	2.4	22.9	14.9	2.3	21.4	14.2	2.3
		48.2	18.3	6.2	2.1	14.9	5.2	1.8	14.0	4.9	1.7	13.1	4.7	1.7
		53.6	19.0	4.1	2.2	15.5	3.4	1.8	14.5	3.2	1.7	13.6	3.1	1.8
1059	64.4	59.0	22.9	4.2	2.5	18.7	3.5	2.0	17.5	3.3	1.9	16.3	3.2	2.0
		53.6	22.8	9.4	2.6	18.6	7.8	2.1	17.4	7.5	2.0	16.3	7.1	2.1
		59.0	23.3	7.7	2.6	19.0	6.4	2.2	17.8	6.1	2.1	16.7	5.8	2.1
	69.8	66.2	27.1	6.1	2.8	22.1	5.1	2.3	20.7	4.8	2.2	19.4	4.6	2.3
		60.8	24.4	9.7	2.6	19.9	8.0	2.2	18.6	7.7	2.1	17.4	7.3	2.1
		66.2	27.7	9.4	2.9	22.6	7.8	2.4	21.2	7.5	2.2	19.8	7.1	2.3
	75.2	73.4	27.1	4.4	3.0	22.1	3.7	2.5	20.8	3.5	2.3	19.4	3.3	2.4
		60.8	25.4	12.1	2.8	20.7	10.1	2.3	19.5	9.6	2.2	18.2	9.1	2.2
		66.2	28.2	12.0	2.9	23.1	10.0	2.4	21.6	9.5	2.3	20.2	9.1	2.3
	80.6	73.4	29.9	8.1	2.9	24.4	6.8	2.4	22.9	6.5	2.3	21.4	6.1	2.4
		66.2	28.8	12.8	2.9	23.5	10.7	2.4	22.0	10.2	2.3	20.6	9.7	2.3
		60.8	26.8	13.5	2.8	21.8	11.2	2.3	20.5	10.6	2.2	19.1	9.9	2.3
	84.2	66.2	29.1	13.7	2.9	23.7	11.4	2.4	22.3	10.9	2.3	20.8	10.4	2.3
		73.4	30.5	11.2	3.0	24.9	9.3	2.5	23.4	8.9	2.3	21.8	8.5	2.4
		60.8	28.1	14.6	2.9	23.0	11.9	2.4	21.5	11.2	2.3	20.1	10.4	2.3
	86.0	66.2	29.9	15.4	2.9	24.4	12.7	2.4	22.9	11.9	2.3	21.4	11.1	2.4
		73.4	29.9	13.5	2.9	24.4	11.3	2.4	22.9	10.8	2.3	21.4	10.2	2.3
		60.8	28.1	14.6	2.9	23.0	11.9	2.4	21.5	11.2	2.3	20.1	10.4	2.3
	89.6	66.2	29.9	15.4	2.9	24.4	12.7	2.4	22.9	11.9	2.3	21.4	11.1	2.4
		73.4	29.9	13.5	2.9	24.4	11.3	2.4	22.9	10.8	2.3	21.4	10.2	2.3
		60.8	28.1	14.6	2.9	23.0	11.9	2.4	21.5	11.2	2.3	20.1	10.4	2.3

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD36NK3CO Indoor Unit:GFH36K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			64.4			69.8			77			86			95		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1083	64.4	48.2	15.4	7.1	1.5	16.4	8.1	1.6	19.1	9.9	1.7	19.9	10.9	1.9	20.6	11.9	2.2
		53.6	16.0	4.6	1.5	17.1	5.3	1.6	19.8	6.5	1.8	20.7	7.1	2.0	21.3	7.7	2.3
		59.0	19.3	4.8	1.7	20.6	5.4	1.8	23.9	6.7	1.9	24.9	7.3	2.2	25.7	8.0	2.6
	69.8	53.6	19.2	10.8	1.8	20.5	12.2	1.9	23.8	15.1	2.0	24.8	16.6	2.3	25.6	18.0	2.7
		59.0	19.6	8.8	1.8	21.0	10.0	1.9	24.4	12.3	2.1	25.4	13.6	2.4	26.2	14.7	2.8
		66.2	22.8	7.0	1.9	24.4	7.9	2.1	28.3	9.7	2.2	29.5	10.7	2.5	30.5	11.6	3.0
	75.2	60.8	20.5	11.1	1.8	21.9	12.6	1.9	25.4	15.5	2.1	26.5	17.0	2.4	27.4	18.5	2.8
		66.2	23.3	10.8	2.0	24.9	12.2	2.1	28.9	15.0	2.3	30.2	16.5	2.6	31.1	17.9	3.0
		73.4	22.9	5.1	2.0	24.4	5.7	2.2	28.3	7.1	2.3	29.6	7.8	2.7	30.5	8.4	3.1
	80.6	60.8	21.4	13.8	1.9	22.8	15.7	2.1	26.6	19.3	2.2	27.7	21.2	2.5	28.6	23.1	2.9
		66.2	23.8	13.7	2.0	25.4	15.6	2.1	29.5	19.1	2.3	30.8	21.1	2.6	31.7	22.9	3.0
		73.4	25.2	9.3	2.0	26.9	10.6	2.2	31.3	13.0	2.3	32.6	14.3	2.6	33.6	15.5	3.1
84.2	66.2	24.3	14.7	2.0	25.9	16.7	2.1	30.1	20.5	2.3	31.4	22.6	2.6	32.4	24.5	3.1	
	60.8	22.6	15.4	1.9	24.1	17.5	2.1	28.0	21.5	2.2	29.2	23.7	2.5	30.1	25.7	3.0	
	66.2	24.5	15.7	2.0	26.1	17.8	2.1	30.4	21.9	2.3	31.7	24.1	2.6	32.7	26.2	3.1	
86.0	73.4	25.7	12.9	2.0	27.5	14.6	2.2	31.9	17.9	2.3	33.3	19.7	2.7	34.3	21.4	3.1	
	60.8	23.7	16.7	2.0	25.3	18.9	2.1	29.4	23.3	2.3	30.7	25.7	2.6	31.6	27.9	3.0	
	66.2	25.2	17.6	2.0	26.9	20.0	2.2	31.3	24.6	2.3	32.6	27.0	2.6	33.6	29.3	3.1	
89.6	73.4	27.9	17.2	2.1	29.8	19.4	2.2	34.6	23.9	2.4	36.1	26.4	2.7	37.3	28.6	3.2	
	60.8	22.6	7.8	1.5	17.3	8.9	1.6	20.2	10.9	1.7	21.0	12.0	1.9	21.7	13.1	2.3	
	53.6	16.9	5.1	1.5	18.0	5.8	1.7	20.9	7.1	1.8	21.8	7.9	2.0	22.5	8.5	2.4	
1218	64.4	20.3	5.3	1.7	21.7	6.0	1.8	25.2	7.3	2.0	26.3	8.1	2.2	27.1	8.8	2.6	
		53.6	20.2	11.9	1.8	21.6	13.5	1.9	25.1	16.6	2.1	26.2	18.3	2.3	27.0	19.8	2.7
		59.0	20.7	9.7	1.8	22.1	11.0	2.0	25.7	13.6	2.1	26.8	14.9	2.4	27.6	16.2	2.8
	69.8	66.2	24.1	7.7	2.0	25.7	8.7	2.1	29.9	10.7	2.3	31.1	11.8	2.6	32.1	12.8	3.0
		60.8	21.6	12.2	1.8	23.1	13.8	2.0	26.8	17.0	2.1	28.0	18.7	2.4	28.8	20.3	2.8
		66.2	24.6	11.8	2.0	26.2	13.4	2.1	30.5	16.5	2.3	31.8	18.2	2.6	32.8	19.7	3.0
	75.2	73.4	24.1	5.6	2.1	25.7	6.3	2.2	29.9	7.8	2.4	31.2	8.6	2.7	32.1	9.3	3.2
		60.8	22.6	15.2	1.9	24.1	17.3	2.1	28.0	21.3	2.2	29.2	23.4	2.5	30.1	25.4	3.0
		66.2	25.1	15.1	2.0	26.8	17.1	2.1	31.1	21.1	2.3	32.4	23.2	2.6	33.4	25.2	3.1
	80.6	73.4	26.6	10.3	2.0	28.4	11.6	2.2	33.0	14.3	2.3	34.4	15.7	2.7	35.4	17.1	3.1
		66.2	25.6	16.2	2.0	27.3	18.3	2.2	31.7	22.6	2.3	33.1	24.9	2.6	34.1	27.0	3.1
		60.8	23.8	17.0	2.0	25.3	19.3	2.1	29.5	23.7	2.3	30.7	26.1	2.6	31.7	28.3	3.0
86.0	66.2	25.8	17.3	2.0	27.6	19.6	2.2	32.0	24.1	2.3	33.4	26.5	2.6	34.4	28.8	3.1	
	73.4	27.1	14.2	2.1	28.9	16.0	2.2	33.6	19.7	2.4	35.1	21.7	2.7	36.2	23.6	3.2	
	60.8	25.0	18.4	2.0	26.7	20.9	2.1	31.0	25.7	2.3	32.3	28.3	2.6	33.3	30.7	3.1	
89.6	66.2	26.6	19.4	2.0	28.4	22.0	2.2	33.0	27.0	2.3	34.4	29.8	2.7	35.4	32.3	3.1	
	73.4	27.9	17.9	2.1	29.8	20.3	2.2	34.6	25.0	2.4	36.1	27.5	2.7	37.3	29.9	3.2	
	48.2	16.6	8.6	1.5	17.7	9.7	1.6	20.6	12.0	1.7	21.4	13.2	1.9	22.1	14.3	2.3	
1354	64.4	53.6	17.2	5.6	1.6	18.4	6.4	1.7	21.3	7.8	1.8	22.3	8.6	2.0	22.9	9.3	2.4
		59.0	20.7	5.8	1.7	22.1	6.5	1.8	25.7	8.1	2.0	26.8	8.9	2.2	27.6	9.6	2.6
		53.6	20.6	13.0	1.8	22.0	14.8	1.9	25.6	18.2	2.1	26.7	20.0	2.3	27.5	21.7	2.8
	69.8	59.0	21.1	10.7	1.8	22.5	12.1	2.0	26.2	14.9	2.1	27.3	16.4	2.4	28.2	17.8	2.8
		66.2	24.6	8.4	2.0	26.2	9.6	2.1	30.5	11.8	2.3	31.8	13.0	2.6	32.8	14.1	3.0
		60.8	22.1	13.4	1.8	23.5	15.2	2.0	27.4	18.7	2.1	28.5	20.6	2.4	29.4	22.3	2.8
	75.2	66.2	25.1	13.0	2.0	26.8	14.7	2.1	31.1	18.1	2.3	32.4	20.0	2.6	33.4	21.7	3.1
		73.4	24.6	6.1	2.1	26.2	6.9	2.2	30.5	8.5	2.4	31.8	9.4	2.7	32.8	10.2	3.2
		60.8	23.0	16.7	2.0	24.6	18.9	2.1	28.6	23.3	2.3	29.8	25.7	2.6	30.7	27.9	3.0
	80.6	66.2	25.6	16.6	2.0	27.3	18.8	2.2	31.7	23.1	2.3	33.1	25.5	2.6	34.1	27.6	3.1
		73.4	27.1	11.2	2.1	28.9	12.7	2.2	33.6	15.7	2.4	35.1	17.3	2.7	36.2	18.7	3.2
		66.2	26.1	17.8	2.0	27.8	20.1	2.2	32.4	24.8	2.3	33.8	27.3	2.7	34.8	29.6	3.1
84.2	60.8	24.2	18.7	2.0	25.9	21.2	2.1	30.1	26.0	2.3	31.4	28.7	2.6	32.3	31.1	3.0	
	66.2	26.4	19.0	2.0	28.1	21.5	2.2	32.7	26.4	2.3	34.1	29.1	2.7	35.1	31.6	3.1	
	73.4	27.7	15.5	2.1	29.5	17.6	2.2	34.3	21.7	2.4	35.8	23.8	2.7	36.9	25.9	3.2	
86.0	60.8	25.5	20.2	2.0	27.2	22.9	2.2	31.6	28.2	2.3	33.0	31.0	2.6	34.0	33.7	3.1	
	66.2	27.1	21.3	2.1	28.9	24.1	2.2	33.6	29.7	2.4	35.1	32.7	2.7	36.2	35.4	3.2	
	73.4	27.9	19.3	2.1	29.8	21.8	2.2	34.6	26.9	2.4	36.1	29.6	2.7	37.3	32.1	3.2	

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			64.4			69.8			77			86			95		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1489	64.4	48.2	16.9	6.3	1.5	18.0	7.2	1.6	21.0	8.8	1.7	21.9	9.7	2.0	22.6	15.0	2.3
		53.6	17.5	4.1	1.6	18.7	4.7	1.7	21.8	5.7	1.8	22.7	6.3	2.1	23.4	9.8	2.4
		59.0	21.1	4.2	1.7	22.6	4.8	1.9	26.2	5.9	2.0	27.3	6.5	2.3	28.2	10.1	2.7
	69.8	53.6	21.0	9.6	1.8	22.5	10.9	2.0	26.1	13.4	2.1	27.2	14.7	2.4	28.1	22.8	2.8
		59.0	21.5	7.8	1.9	23.0	8.9	2.0	26.7	10.9	2.1	27.9	12.0	2.4	28.7	18.7	2.9
		66.2	25.1	6.2	2.0	26.7	7.0	2.1	31.1	8.6	2.3	32.4	9.5	2.6	33.4	14.8	3.1
	75.2	60.8	22.5	9.8	1.9	24.0	11.1	2.0	27.9	13.7	2.1	29.1	15.1	2.4	30.0	23.4	2.9
		66.2	25.6	9.5	2.0	27.3	10.8	2.2	31.7	13.3	2.3	33.1	14.7	2.6	34.1	22.8	3.1
		73.4	25.1	4.5	2.1	26.7	5.1	2.3	31.1	6.3	2.4	32.4	6.9	2.7	33.4	10.7	3.2
	80.6	60.8	23.5	12.3	2.0	25.1	13.9	2.1	29.1	17.1	2.3	30.4	18.9	2.6	31.3	29.3	3.0
		66.2	26.1	12.2	2.0	27.8	13.8	2.2	32.4	17.0	2.3	33.8	18.7	2.7	34.8	29.0	3.1
		73.4	27.7	8.3	2.1	29.5	9.4	2.2	34.3	11.5	2.4	35.8	12.7	2.7	36.9	19.7	3.2
	84.2	66.2	26.6	13.0	2.1	28.4	14.8	2.2	33.0	18.2	2.4	34.4	20.0	2.7	35.5	31.1	3.2
		60.8	24.7	13.7	2.0	26.4	15.5	2.1	30.7	19.1	2.3	32.0	21.1	2.6	33.0	32.7	3.1
		66.2	26.9	13.9	2.1	28.7	15.8	2.2	33.3	19.4	2.4	34.8	21.4	2.7	35.8	33.2	3.2
	86.0	73.4	28.2	11.4	2.1	30.1	12.9	2.3	35.0	15.9	2.4	36.5	17.5	2.7	37.6	27.2	3.2
		60.8	26.0	14.8	2.0	27.7	16.8	2.2	32.2	20.7	2.3	33.6	22.8	2.7	34.7	35.4	3.1
		66.2	27.7	15.6	2.1	29.5	17.7	2.2	34.3	21.8	2.4	35.8	24.0	2.7	36.9	37.2	3.2
	89.6	73.4	27.9	13.9	2.1	29.8	15.7	2.2	34.6	19.4	2.4	36.1	21.3	2.7	37.3	33.1	3.2
		48.2	17.1	4.6	1.5	18.2	5.2	1.6	21.2	6.4	1.8	22.1	7.0	2.0	22.8	15.2	2.3
		53.6	17.7	3.0	1.6	18.9	3.4	1.7	22.0	4.2	1.8	22.9	4.6	2.1	23.6	9.9	2.4
1625	64.4	59.0	21.3	3.1	1.7	22.8	3.5	1.9	26.5	4.3	2.0	27.6	4.7	2.3	28.5	10.2	2.7
		53.6	21.3	7.0	1.8	22.7	7.9	2.0	26.4	9.7	2.1	27.5	10.7	2.4	28.3	23.1	2.8
		59.0	21.8	5.7	1.9	23.2	6.5	2.0	27.0	7.9	2.2	28.1	8.7	2.4	29.0	18.9	2.9
	69.8	66.2	25.3	4.5	2.0	27.0	5.1	2.2	31.4	6.3	2.3	32.7	6.9	2.6	33.7	14.9	3.1
		60.8	22.7	7.1	1.9	24.2	8.1	2.0	28.2	10.0	2.2	29.4	11.0	2.4	30.3	23.7	2.9
		66.2	25.8	6.9	2.0	27.6	7.9	2.2	32.0	9.7	2.3	33.4	10.7	2.7	34.4	23.0	3.1
	75.2	73.4	25.3	3.3	2.1	27.0	3.7	2.3	31.4	4.6	2.4	32.7	5.0	2.8	33.8	10.8	3.3
		60.8	23.7	8.9	2.0	25.3	10.1	2.1	29.4	12.5	2.3	30.7	13.7	2.6	31.6	29.6	3.1
		66.2	26.4	8.9	2.1	28.1	10.0	2.2	32.7	12.4	2.4	34.1	13.6	2.7	35.1	29.3	3.2
	80.6	73.4	27.9	6.0	2.1	29.8	6.8	2.3	34.6	8.4	2.4	36.1	9.2	2.7	37.3	19.9	3.2
		66.2	26.9	9.5	2.1	28.7	10.7	2.2	33.3	13.2	2.4	34.8	14.6	2.7	35.8	31.4	3.2
		60.8	25.0	10.0	2.0	26.6	11.3	2.2	31.0	13.9	2.3	32.3	15.3	2.6	33.3	33.0	3.1
	86.0	66.2	27.1	10.1	2.1	29.0	11.5	2.2	33.7	14.1	2.4	35.1	15.5	2.7	36.2	33.5	3.2
		73.4	28.5	8.3	2.1	30.4	9.4	2.3	35.3	11.6	2.4	36.9	12.7	2.8	38.0	27.5	3.3
		60.8	26.3	10.8	2.1	28.0	12.2	2.2	32.6	15.0	2.4	34.0	16.6	2.7	35.0	35.7	3.2
	89.6	66.2	27.9	11.4	2.1	29.8	12.9	2.3	34.6	15.8	2.4	36.1	17.4	2.7	37.3	37.6	3.2
		73.4	27.9	10.0	2.1	29.8	11.3	2.2	34.6	13.9	2.4	36.1	15.3	2.7	37.3	33.1	3.2

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°F)											
			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1083	64.4	48.2	20.2	11.7	2.4	16.4	9.8	2.0	15.4	9.3	1.9	14.4	8.9	2.0
		53.6	20.9	7.7	2.6	17.1	6.4	2.1	16.0	6.1	2.0	14.9	5.8	2.0
		59.0	25.2	7.9	2.8	20.6	6.6	2.3	19.3	6.3	2.2	18.0	6.0	2.2
	69.8	53.6	25.1	17.8	3.0	20.5	14.8	2.4	19.2	14.2	2.3	17.9	13.5	2.4
		59.0	25.7	14.6	3.0	21.0	12.1	2.5	19.6	11.6	2.4	18.3	11.0	2.4
		66.2	29.9	11.5	3.2	24.4	9.6	2.7	22.8	9.2	2.5	21.3	8.7	2.6
	75.2	60.8	26.8	18.3	3.0	21.9	15.2	2.5	20.5	14.5	2.4	19.2	13.8	2.4
		66.2	30.5	17.8	3.3	24.9	14.8	2.7	23.3	14.1	2.6	21.8	13.4	2.6
		73.4	29.9	8.4	3.4	24.4	7.0	2.8	22.9	6.6	2.7	21.3	6.3	2.7
	80.6	60.8	28.0	22.8	3.2	22.8	19.0	2.7	21.4	18.2	2.5	20.0	17.3	2.6
		66.2	31.1	22.6	3.3	25.4	18.8	2.7	23.8	18.0	2.6	22.2	17.1	2.6
		73.4	33.0	15.4	3.4	26.9	12.8	2.8	25.2	12.2	2.6	23.5	11.6	2.7
	84.2	66.2	31.7	24.2	3.3	25.9	20.2	2.8	24.3	19.3	2.6	22.7	18.4	2.7
		60.8	29.5	25.5	3.2	24.1	21.2	2.7	22.6	20.1	2.5	21.0	18.7	2.6
		66.2	32.0	25.9	3.3	26.1	21.6	2.8	24.5	20.6	2.6	22.9	19.6	2.7
	86.0	73.4	33.6	21.2	3.4	27.5	17.6	2.8	25.7	16.9	2.7	24.0	16.0	2.7
		60.8	31.0	27.6	3.3	25.3	22.5	2.7	23.7	21.1	2.6	22.1	19.7	2.6
		66.2	33.0	29.0	3.4	26.9	23.9	2.8	25.2	22.5	2.6	23.5	21.0	2.7
	89.6	73.4	36.5	28.3	3.5	29.8	23.6	2.9	27.9	22.5	2.7	26.1	21.4	2.8
		60.8	21.2	12.9	2.5	17.3	10.8	2.0	16.3	10.3	1.9	15.2	9.8	2.0
		53.6	22.0	8.4	2.6	18.0	7.0	2.1	16.9	6.7	2.0	15.7	6.4	2.1
1218	64.4	59.0	26.5	8.7	2.8	21.7	7.2	2.3	20.3	6.9	2.2	19.0	6.6	2.3
		53.6	26.4	19.6	3.0	21.6	16.3	2.5	20.2	15.6	2.3	18.9	14.8	2.4
		59.0	27.1	16.0	3.0	22.1	13.4	2.5	20.7	12.8	2.4	19.3	12.1	2.4
	69.8	66.2	31.5	12.7	3.3	25.7	10.6	2.7	24.1	10.1	2.6	22.5	9.6	2.6
		60.8	28.3	20.1	3.0	23.1	16.8	2.5	21.6	16.0	2.4	20.2	15.2	2.4
		66.2	32.1	19.5	3.3	26.2	16.3	2.7	24.6	15.6	2.6	22.9	14.8	2.6
	75.2	73.4	31.5	9.2	3.4	25.7	7.7	2.8	24.1	7.3	2.7	22.5	7.0	2.7
		60.8	29.5	25.1	3.2	24.1	20.9	2.7	22.6	20.0	2.5	21.1	19.0	2.6
		66.2	32.8	24.9	3.3	26.8	20.8	2.8	25.1	19.8	2.6	23.4	18.9	2.7
	80.6	73.4	34.7	16.9	3.4	28.4	14.1	2.8	26.6	13.5	2.7	24.8	12.8	2.7
		66.2	33.4	26.7	3.4	27.3	22.2	2.8	25.6	21.2	2.6	23.9	20.2	2.7
		60.8	31.1	28.1	3.3	25.3	23.4	2.7	23.8	22.1	2.6	22.2	20.6	2.6
	84.2	66.2	33.8	28.5	3.4	27.6	23.7	2.8	25.8	22.7	2.6	24.1	21.6	2.7
		73.4	35.4	23.3	3.4	28.9	19.4	2.8	27.1	18.6	2.7	25.3	17.7	2.8
		60.8	32.7	30.4	3.3	26.7	24.8	2.8	25.0	23.2	2.6	23.3	21.7	2.7
	86.0	66.2	34.7	32.0	3.4	28.4	26.4	2.8	26.6	24.7	2.7	24.8	23.1	2.7
		73.4	36.5	29.6	3.5	29.8	24.6	2.9	27.9	23.5	2.7	26.1	22.4	2.8
		60.8	32.7	30.4	3.3	26.7	24.8	2.8	25.0	23.2	2.6	23.3	21.7	2.7
	89.6	66.2	34.7	32.0	3.4	28.4	26.4	2.8	26.6	24.7	2.7	24.8	23.1	2.7
		73.4	36.5	29.6	3.5	29.8	24.6	2.9	27.9	23.5	2.7	26.1	22.4	2.8
		60.8	32.7	30.4	3.3	26.7	24.8	2.8	25.0	23.2	2.6	23.3	21.7	2.7
1354	64.4	48.2	21.7	14.2	2.5	17.7	11.8	2.1	16.6	11.3	1.9	15.5	10.7	2.0
		53.6	22.5	9.3	2.6	18.4	7.7	2.2	17.2	7.4	2.0	16.1	7.0	2.1
		59.0	27.1	9.5	2.9	22.1	7.9	2.4	20.7	7.6	2.2	19.3	7.2	2.3
	69.8	53.6	27.0	21.5	3.0	22.0	17.9	2.5	20.6	17.1	2.3	19.3	16.3	2.4
		59.0	27.6	17.6	3.1	22.5	14.6	2.5	21.1	14.0	2.4	19.7	13.3	2.5
		66.2	32.1	13.9	3.3	26.2	11.6	2.7	24.6	11.1	2.6	22.9	10.5	2.6
	75.2	60.8	28.8	22.1	3.1	23.5	18.4	2.5	22.1	17.6	2.4	20.6	16.7	2.5
		66.2	32.8	21.4	3.3	26.8	17.9	2.8	25.1	17.1	2.6	23.4	16.2	2.7
		73.4	32.1	10.1	3.5	26.2	8.4	2.9	24.6	8.0	2.7	22.9	7.6	2.8
	80.6	60.8	30.1	27.6	3.3	24.6	23.0	2.7	23.0	21.9	2.6	21.5	20.9	2.6
		66.2	33.4	27.4	3.4	27.3	22.8	2.8	25.6	21.8	2.6	23.9	20.7	2.7
		73.4	35.4	18.6	3.4	28.9	15.4	2.8	27.1	14.8	2.7	25.3	14.0	2.8
	84.2	66.2	34.1	29.3	3.4	27.8	24.4	2.8	26.1	23.3	2.7	24.4	22.2	2.7
		60.8	31.7	30.8	3.3	25.9	25.6	2.7	24.2	24.2	2.6	22.6	22.6	2.6
		66.2	34.4	31.3	3.4	28.1	26.0	2.8	26.4	24.9	2.7	24.6	23.7	2.7
	86.0	73.4	36.2	25.6	3.5	29.5	21.3	2.9	27.7	20.4	2.7	25.8	19.4	2.8
		60.8	33.3	33.3	3.4	27.2	27.2	2.8	25.5	25.5	2.6	23.8	23.8	2.7
		66.2	35.4	35.1	3.4	28.9	28.9	2.8	27.1	27.1	2.7	25.3	25.3	2.8
	89.6	73.4	36.5	31.8	3.5	29.8	26.5	2.9	27.9	25.3	2.7	26.1	24.1	2.8

AFR	Indoor temperature		Outdoor temperature DB (°F)											
			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1489	64.4	48.2	22.1	10.4	2.5	18.0	8.7	2.1	16.9	8.3	2.0	15.8	7.9	2.0
		53.6	22.9	6.8	2.6	18.7	5.7	2.2	17.5	5.4	2.1	16.4	5.1	2.1
		59.0	27.6	7.0	2.9	22.6	5.8	2.4	21.1	5.6	2.3	19.7	5.3	2.3
	69.8	53.6	27.5	15.8	3.0	22.5	13.2	2.5	21.0	12.6	2.4	19.6	12.0	2.4
		59.0	28.2	12.9	3.1	23.0	10.8	2.6	21.5	10.3	2.4	20.1	9.8	2.5
		66.2	32.7	10.2	3.3	26.7	8.5	2.8	25.1	8.1	2.6	23.4	7.7	2.7
	75.2	60.8	29.4	16.2	3.1	24.0	13.5	2.6	22.5	12.9	2.4	21.0	12.3	2.5
		66.2	33.4	15.8	3.4	27.3	13.1	2.8	25.6	12.5	2.6	23.9	11.9	2.7
		73.4	32.8	7.4	3.5	26.7	6.2	2.9	25.1	5.9	2.7	23.4	5.6	2.8
	80.6	60.8	30.7	20.3	3.3	25.1	16.9	2.7	23.5	16.1	2.6	21.9	15.3	2.6
		66.2	34.1	20.1	3.4	27.8	16.7	2.8	26.1	16.0	2.7	24.4	15.2	2.7
		73.4	36.2	13.6	3.5	29.5	11.3	2.9	27.7	10.8	2.7	25.8	10.3	2.8
	84.2	66.2	34.8	21.5	3.4	28.4	17.9	2.8	26.6	17.1	2.7	24.8	16.3	2.8
		60.8	32.3	22.6	3.3	26.4	18.8	2.8	24.7	17.8	2.6	23.1	16.6	2.7
		66.2	35.1	23.0	3.4	28.7	19.1	2.8	26.9	18.3	2.7	25.1	17.4	2.8
	86.0	73.4	36.9	18.8	3.5	30.1	15.7	2.9	28.2	15.0	2.7	26.3	14.2	2.8
		60.8	34.0	24.5	3.4	27.7	20.0	2.8	26.0	18.7	2.7	24.3	17.5	2.7
		66.2	36.2	25.8	3.5	29.5	21.2	2.9	27.7	19.9	2.7	25.8	18.6	2.8
89.6	73.4	36.5	22.9	3.5	29.8	19.1	2.9	27.9	18.2	2.7	26.1	17.3	2.8	
	64.4	22.3	7.6	2.5	18.2	6.3	2.1	17.1	6.0	2.0	15.9	5.7	2.0	
	53.6	23.2	4.9	2.7	18.9	4.1	2.2	17.7	3.9	2.1	16.5	3.7	2.1	
1625	64.4	59.0	27.9	5.1	2.9	22.8	4.2	2.4	21.3	4.0	2.3	19.9	3.8	2.3
		53.6	27.8	11.5	3.1	22.7	9.6	2.5	21.3	9.1	2.4	19.8	8.7	2.5
		59.0	28.4	9.4	3.1	23.2	7.8	2.6	21.8	7.5	2.4	20.3	7.1	2.5
	69.8	66.2	33.1	7.4	3.4	27.0	6.2	2.8	25.3	5.9	2.6	23.6	5.6	2.7
		60.8	29.7	11.8	3.1	24.2	9.8	2.6	22.7	9.4	2.4	21.2	8.9	2.5
		66.2	33.8	11.5	3.4	27.6	9.5	2.8	25.8	9.1	2.7	24.1	8.7	2.7
	75.2	73.4	33.1	5.4	3.5	27.0	4.5	2.9	25.3	4.3	2.8	23.6	4.1	2.8
		60.8	31.0	14.7	3.3	25.3	12.3	2.8	23.7	11.7	2.6	22.1	11.1	2.7
		66.2	34.4	14.6	3.4	28.1	12.2	2.8	26.4	11.6	2.7	24.6	11.1	2.8
	80.6	73.4	36.5	9.9	3.5	29.8	8.2	2.9	27.9	7.9	2.7	26.1	7.5	2.8
		66.2	35.1	15.6	3.5	28.7	13.0	2.9	26.9	12.4	2.7	25.1	11.8	2.8
		60.8	32.6	16.4	3.4	26.6	13.7	2.8	25.0	12.9	2.6	23.3	12.1	2.7
	84.2	66.2	35.5	16.7	3.5	29.0	13.9	2.9	27.1	13.3	2.7	25.3	12.6	2.8
		73.4	37.2	13.7	3.6	30.4	11.4	2.9	28.5	10.9	2.8	26.6	10.3	2.8
		60.8	34.3	17.8	3.4	28.0	14.5	2.8	26.3	13.6	2.7	24.5	12.7	2.7
	86.0	66.2	36.5	18.7	3.5	29.8	15.4	2.9	27.9	14.5	2.7	26.1	13.5	2.8
		73.4	36.5	16.5	3.5	29.8	13.7	2.9	27.9	13.1	2.7	26.1	12.5	2.8
		60.8	34.3	17.8	3.4	28.0	14.5	2.8	26.3	13.6	2.7	24.5	12.7	2.7
89.6	66.2	36.5	18.7	3.5	29.8	15.4	2.9	27.9	14.5	2.7	26.1	13.5	2.8	
	73.4	36.5	16.5	3.5	29.8	13.7	2.9	27.9	13.1	2.7	26.1	12.5	2.8	
	60.8	34.3	17.8	3.4	28.0	14.5	2.8	26.3	13.6	2.7	24.5	12.7	2.7	

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Outdoor Unit:GUHD36NM3CO Indoor Unit:GFH36K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)															
			64.4			69.8			77			86			95			
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1083	64.4	48.2	15.9	7.3	1.5	16.9	8.3	1.6	19.7	10.2	1.7	20.5	11.3	2.0	21.2	12.2	2.3	
		53.6	16.5	4.8	1.6	17.6	5.4	1.7	20.4	6.7	1.8	21.3	7.3	2.1	22.0	8.0	2.4	
		59.0	19.9	4.9	1.7	21.2	5.6	1.9	24.6	6.9	2.0	25.7	7.6	2.3	26.5	8.2	2.7	
	69.8	53.6	19.8	11.1	1.8	21.1	12.6	2.0	24.5	15.5	2.1	25.6	17.1	2.4	26.4	18.5	2.8	
		59.0	20.2	9.1	1.9	21.6	10.3	2.0	25.1	12.7	2.1	26.2	14.0	2.4	27.0	15.2	2.9	
		66.2	23.5	7.2	2.0	25.1	8.2	2.2	29.2	10.0	2.3	30.4	11.0	2.6	31.4	12.0	3.1	
	75.2	60.8	21.1	11.4	1.9	22.5	12.9	2.0	26.2	15.9	2.1	27.3	17.5	2.4	28.2	19.0	2.9	
		66.2	24.0	11.1	2.0	25.6	12.6	2.2	29.8	15.5	2.3	31.1	17.0	2.6	32.0	18.5	3.1	
		73.4	23.5	5.2	2.1	25.1	5.9	2.3	29.2	7.3	2.4	30.4	8.0	2.7	31.4	8.7	3.2	
	80.6	60.8	22.1	14.3	2.0	23.5	16.2	2.1	27.4	19.9	2.3	28.5	21.9	2.6	29.4	23.8	3.0	
		66.2	24.5	14.1	2.0	26.1	16.0	2.2	30.4	19.7	2.4	31.7	21.7	2.7	32.7	23.6	3.1	
		73.4	26.0	9.6	2.1	27.7	10.9	2.2	32.2	13.4	2.4	33.6	14.7	2.7	34.6	16.0	3.2	
	84.2	66.2	25.0	15.1	2.1	26.7	17.2	2.2	31.0	21.1	2.4	32.3	23.3	2.7	33.3	25.2	3.2	
		86.0	60.8	23.2	15.9	2.0	24.8	18.0	2.2	28.8	22.2	2.3	30.0	24.4	2.6	31.0	26.5	3.1
			66.2	25.2	16.2	2.1	26.9	18.3	2.2	31.3	22.5	2.4	32.7	24.8	2.7	33.7	26.9	3.2
	73.4		26.5	13.2	2.1	28.3	15.0	2.3	32.9	18.5	2.4	34.3	20.3	2.7	35.3	22.1	3.2	
	89.6	60.8	24.4	17.2	2.0	26.1	19.5	2.2	30.3	24.0	2.4	31.6	26.4	2.7	32.6	28.7	3.1	
		66.2	26.0	18.1	2.1	27.7	20.5	2.2	32.2	25.3	2.4	33.6	27.8	2.7	34.6	30.2	3.2	
73.4		28.8	17.7	2.1	30.7	20.0	2.3	35.7	24.7	2.5	37.2	27.1	2.8	38.4	29.5	3.3		
1218	64.4	48.2	16.7	8.1	1.5	17.9	9.1	1.6	20.8	11.3	1.8	21.6	12.4	2.0	22.3	13.4	2.3	
		53.6	17.4	5.3	1.6	18.5	6.0	1.7	21.5	7.3	1.8	22.5	8.1	2.1	23.2	8.8	2.5	
		59.0	20.9	5.4	1.8	22.3	6.1	1.9	25.9	7.6	2.0	27.1	8.3	2.3	27.9	9.0	2.7	
	69.8	53.6	20.8	12.2	1.8	22.2	13.9	2.0	25.8	17.1	2.1	26.9	18.8	2.4	27.8	20.4	2.8	
		59.0	21.3	10.0	1.9	22.7	11.3	2.0	26.4	14.0	2.2	27.6	15.4	2.5	28.4	16.7	2.9	
		66.2	24.8	7.9	2.0	26.5	9.0	2.2	30.7	11.0	2.3	32.1	12.2	2.6	33.1	13.2	3.1	
	75.2	60.8	22.3	12.6	1.9	23.8	14.2	2.0	27.6	17.5	2.2	28.8	19.3	2.5	29.7	20.9	2.9	
		66.2	25.3	12.2	2.0	27.0	13.8	2.2	31.4	17.0	2.4	32.7	18.7	2.7	33.8	20.3	3.1	
		73.4	24.8	5.7	2.1	26.5	6.5	2.3	30.8	8.0	2.4	32.1	8.8	2.8	33.1	9.6	3.3	
	80.6	60.8	23.2	15.7	2.0	24.8	17.8	2.2	28.8	21.9	2.3	30.1	24.1	2.6	31.0	26.2	3.1	
		66.2	25.8	15.6	2.1	27.6	17.6	2.2	32.0	21.7	2.4	33.4	23.9	2.7	34.4	25.9	3.2	
		73.4	27.4	10.6	2.1	29.2	12.0	2.3	34.0	14.7	2.4	35.4	16.2	2.7	36.5	17.6	3.2	
	84.2	66.2	26.3	16.7	2.1	28.1	18.9	2.2	32.7	23.3	2.4	34.1	25.6	2.7	35.1	27.8	3.2	
		86.0	60.8	24.5	17.5	2.0	26.1	19.9	2.2	30.4	24.4	2.3	31.7	26.9	2.6	32.6	29.2	3.1
			66.2	26.6	17.8	2.1	28.4	20.2	2.2	33.0	24.8	2.4	34.4	27.3	2.7	35.5	29.7	3.2
	73.4		27.9	14.6	2.1	29.8	16.5	2.3	34.6	20.3	2.4	36.1	22.4	2.8	37.2	24.3	3.3	
	89.6	60.8	25.7	19.0	2.1	27.5	21.5	2.2	31.9	26.4	2.4	33.3	29.1	2.7	34.3	31.6	3.2	
		66.2	27.4	20.0	2.1	29.2	22.6	2.3	34.0	27.9	2.4	35.4	30.7	2.7	36.5	33.3	3.2	
73.4		28.8	18.5	2.1	30.7	20.9	2.3	35.7	25.8	2.5	37.2	28.4	2.8	38.4	30.8	3.3		
1354	64.4	48.2	17.1	8.9	1.5	18.2	10.0	1.7	21.2	12.3	1.8	22.1	13.6	2.0	22.8	14.8	2.4	
		53.6	17.7	5.8	1.6	18.9	6.5	1.7	22.0	8.1	1.9	22.9	8.9	2.1	23.6	9.6	2.5	
		59.0	21.3	5.9	1.8	22.8	6.7	1.9	26.5	8.3	2.0	27.6	9.1	2.3	28.5	9.9	2.7	
	69.8	53.6	21.3	13.4	1.9	22.7	15.2	2.0	26.4	18.7	2.1	27.5	20.6	2.4	28.3	22.4	2.9	
		59.0	21.8	11.0	1.9	23.2	12.5	2.0	27.0	15.3	2.2	28.1	16.9	2.5	29.0	18.3	2.9	
		66.2	25.3	8.7	2.0	27.0	9.8	2.2	31.4	12.1	2.4	32.7	13.3	2.7	33.7	14.5	3.1	
	75.2	60.8	22.7	13.8	1.9	24.2	15.6	2.0	28.2	19.2	2.2	29.4	21.2	2.5	30.3	23.0	2.9	
		66.2	25.8	13.4	2.1	27.6	15.2	2.2	32.0	18.7	2.4	33.4	20.6	2.7	34.4	22.3	3.2	
		73.4	25.3	6.3	2.1	27.0	7.1	2.3	31.4	8.8	2.5	32.7	9.7	2.8	33.8	10.5	3.3	
	80.6	60.8	23.7	17.2	2.0	25.3	19.5	2.2	29.4	24.0	2.3	30.7	26.4	2.6	31.6	28.7	3.1	
		66.2	26.4	17.1	2.1	28.1	19.4	2.2	32.7	23.8	2.4	34.1	26.2	2.7	35.1	28.5	3.2	
		73.4	27.9	11.6	2.1	29.8	13.1	2.3	34.6	16.2	2.4	36.1	17.8	2.8	37.3	19.3	3.3	
	84.2	66.2	26.9	18.3	2.1	28.7	20.7	2.3	33.3	25.5	2.4	34.8	28.1	2.7	35.8	30.5	3.2	
		86.0	60.8	25.0	19.2	2.0	26.6	21.8	2.2	31.0	26.8	2.4	32.3	29.5	2.7	33.3	32.0	3.1
			66.2	27.1	19.5	2.1	29.0	22.1	2.3	33.7	27.2	2.4	35.1	30.0	2.7	36.2	32.5	3.2
	73.4		28.5	16.0	2.1	30.4	18.1	2.3	35.3	22.3	2.5	36.9	24.6	2.8	38.0	26.7	3.3	
	89.6	60.8	26.3	20.8	2.1	28.0	23.6	2.2	32.6	29.0	2.4	34.0	31.9	2.7	35.0	34.7	3.2	
		66.2	27.9	21.9	2.1	29.8	24.8	2.3	34.6	30.6	2.4	36.1	33.6	2.8	37.3	36.5	3.3	
73.4		28.8	19.9	2.1	30.7	22.5	2.3	35.7	27.7	2.5	37.2	30.5	2.8	38.4	33.1	3.3		

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AFR	Indoor temperature		Outdoor temperature DB (°F)											
			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1083	64.4	48.2	20.8	12.1	2.5	16.9	10.1	2.1	15.9	9.6	2.0	14.8	9.1	2.0
		53.6	21.5	7.9	2.6	17.6	6.6	2.2	16.5	6.3	2.1	15.4	6.0	2.1
		59.0	25.9	8.1	2.9	21.2	6.8	2.4	19.9	6.5	2.3	18.5	6.1	2.3
	69.8	53.6	25.8	18.3	3.0	21.1	15.3	2.5	19.8	14.6	2.4	18.4	13.9	2.4
		59.0	26.4	15.0	3.1	21.6	12.5	2.6	20.2	11.9	2.4	18.9	11.4	2.5
		66.2	30.7	11.9	3.3	25.1	9.9	2.8	23.5	9.4	2.6	22.0	9.0	2.7
	75.2	60.8	27.6	18.8	3.1	22.5	15.7	2.6	21.1	15.0	2.4	19.7	14.2	2.5
		66.2	31.4	18.3	3.4	25.6	15.2	2.8	24.0	14.5	2.6	22.4	13.8	2.7
		73.4	30.8	8.6	3.5	25.1	7.2	2.9	23.5	6.8	2.7	22.0	6.5	2.8
	80.6	60.8	28.8	23.5	3.3	23.5	19.6	2.7	22.1	18.7	2.6	20.6	17.8	2.6
		66.2	32.0	23.3	3.4	26.1	19.4	2.8	24.5	18.6	2.7	22.9	17.6	2.7
		73.4	34.0	15.8	3.5	27.7	13.2	2.9	26.0	12.6	2.7	24.3	12.0	2.8
	84.2	66.2	32.7	25.0	3.5	26.7	20.8	2.9	25.0	19.9	2.7	23.3	18.9	2.8
		60.8	30.4	26.2	3.3	24.8	21.9	2.8	23.2	20.7	2.6	21.7	19.3	2.7
		66.2	33.0	26.7	3.5	26.9	22.2	2.9	25.2	21.2	2.7	23.6	20.2	2.8
	89.6	73.4	34.6	21.8	3.5	28.3	18.2	2.9	26.5	17.4	2.7	24.7	16.5	2.8
		60.8	31.9	28.4	3.4	26.1	23.2	2.8	24.4	21.7	2.7	22.8	20.3	2.7
		66.2	34.0	29.9	3.5	27.7	24.7	2.9	26.0	23.1	2.7	24.3	21.6	2.8
1218	64.4	48.2	21.9	13.3	2.6	17.9	11.1	2.1	16.7	10.6	2.0	15.6	10.1	2.0
		53.6	22.7	8.7	2.7	18.5	7.2	2.2	17.4	6.9	2.1	16.2	6.6	2.1
		59.0	27.3	8.9	2.9	22.3	7.4	2.4	20.9	7.1	2.3	19.5	6.8	2.3
	69.8	53.6	27.2	20.2	3.1	22.2	16.8	2.5	20.8	16.1	2.4	19.4	15.3	2.5
		59.0	27.9	16.5	3.1	22.7	13.8	2.6	21.3	13.1	2.5	19.9	12.5	2.5
		66.2	32.4	13.1	3.4	26.5	10.9	2.8	24.8	10.4	2.6	23.1	9.9	2.7
	75.2	60.8	29.1	20.7	3.1	23.8	17.3	2.6	22.3	16.5	2.5	20.8	15.7	2.5
		66.2	33.1	20.1	3.4	27.0	16.8	2.8	25.3	16.0	2.7	23.6	15.2	2.7
		73.4	32.4	9.5	3.6	26.5	7.9	2.9	24.8	7.5	2.8	23.2	7.2	2.8
	80.6	60.8	30.4	25.9	3.3	24.8	21.5	2.8	23.2	20.6	2.6	21.7	19.6	2.7
		66.2	33.8	25.7	3.5	27.6	21.4	2.9	25.8	20.4	2.7	24.1	19.4	2.8
		73.4	35.8	17.4	3.5	29.2	14.5	2.9	27.4	13.9	2.7	25.6	13.2	2.8
	84.2	66.2	34.4	27.5	3.5	28.1	22.9	2.9	26.3	21.9	2.7	24.6	20.8	2.8
		60.8	32.0	28.9	3.4	26.1	24.1	2.8	24.5	22.8	2.6	22.8	21.2	2.7
		66.2	34.8	29.4	3.5	28.4	24.4	2.9	26.6	23.4	2.7	24.8	22.2	2.8
	89.6	73.4	36.5	24.0	3.6	29.8	20.0	2.9	27.9	19.1	2.8	26.1	18.2	2.8
		60.8	33.6	31.3	3.5	27.5	25.5	2.9	25.7	23.9	2.7	24.0	22.3	2.8
		66.2	35.8	32.9	3.5	29.2	27.2	2.9	27.4	25.5	2.7	25.6	23.8	2.8
1354	64.4	48.2	22.3	14.6	2.6	18.2	12.2	2.1	17.1	11.6	2.0	15.9	11.1	2.1
		53.6	23.2	9.5	2.7	18.9	7.9	2.2	17.7	7.6	2.1	16.5	7.2	2.2
		59.0	27.9	9.8	3.0	22.8	8.2	2.4	21.3	7.8	2.3	19.9	7.4	2.4
	69.8	53.6	27.8	22.2	3.1	22.7	18.4	2.6	21.3	17.6	2.4	19.8	16.8	2.5
		59.0	28.4	18.1	3.2	23.2	15.1	2.6	21.8	14.4	2.5	20.3	13.7	2.5
		66.2	33.1	14.3	3.4	27.0	11.9	2.8	25.3	11.4	2.7	23.6	10.8	2.7
	75.2	60.8	29.7	22.7	3.2	24.2	18.9	2.6	22.7	18.1	2.5	21.2	17.2	2.5
		66.2	33.8	22.1	3.5	27.6	18.4	2.9	25.8	17.6	2.7	24.1	16.7	2.8
		73.4	33.1	10.4	3.6	27.0	8.7	3.0	25.3	8.3	2.8	23.6	7.9	2.9
	80.6	60.8	31.0	28.4	3.4	25.3	23.6	2.8	23.7	22.6	2.6	22.1	21.5	2.7
		66.2	34.4	28.2	3.5	28.1	23.5	2.9	26.4	22.4	2.7	24.6	21.3	2.8
		73.4	36.5	19.1	3.6	29.8	15.9	2.9	27.9	15.2	2.8	26.1	14.5	2.8
	84.2	66.2	35.1	30.2	3.5	28.7	25.1	2.9	26.9	24.0	2.7	25.1	22.8	2.8
		60.8	32.6	31.7	3.4	26.6	26.4	2.8	25.0	25.0	2.7	23.3	23.3	2.7
		66.2	35.5	32.2	3.5	29.0	26.8	2.9	27.1	25.6	2.7	25.3	24.4	2.8
	89.6	73.4	37.2	26.4	3.6	30.4	22.0	3.0	28.5	21.0	2.8	26.6	20.0	2.9
		60.8	34.3	34.3	3.5	28.0	28.0	2.9	26.3	26.3	2.7	24.5	24.5	2.8
		66.2	36.5	36.1	3.6	29.8	29.8	2.9	27.9	27.9	2.8	26.1	26.1	2.8
		73.4	37.6	32.8	3.6	30.7	27.3	3.0	28.8	26.1	2.8	26.9	24.8	2.9

AFR	Indoor temperature		Outdoor temperature DB (°F)											
			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1489	64.4	48.2	22.8	10.7	2.6	18.6	8.9	2.2	17.4	8.5	2.0	16.3	8.1	2.1
		53.6	23.6	7.0	2.7	19.3	5.8	2.2	18.1	5.6	2.1	16.9	5.3	2.2
		59.0	28.5	7.2	3.0	23.2	6.0	2.5	21.8	5.7	2.3	20.3	5.5	2.4
	69.8	53.6	28.3	16.3	3.1	23.1	13.5	2.6	21.7	12.9	2.4	20.2	12.3	2.5
		59.0	29.0	13.3	3.2	23.7	11.1	2.7	22.2	10.6	2.5	20.7	10.1	2.6
		66.2	33.7	10.5	3.5	27.5	8.8	2.9	25.8	8.4	2.7	24.1	8.0	2.8
	75.2	60.8	30.3	16.7	3.2	24.7	13.9	2.6	23.2	13.3	2.5	21.6	12.6	2.6
		66.2	34.4	16.2	3.5	28.1	13.5	2.9	26.3	12.9	2.7	24.6	12.3	2.8
		73.4	33.7	7.6	3.6	27.5	6.4	3.0	25.8	6.1	2.8	24.1	5.8	2.9
	80.6	60.8	31.6	20.9	3.4	25.8	17.4	2.8	24.2	16.6	2.7	22.6	15.8	2.7
		66.2	35.1	20.7	3.5	28.7	17.2	2.9	26.9	16.5	2.7	25.1	15.7	2.8
		73.4	37.2	14.0	3.6	30.4	11.7	3.0	28.5	11.2	2.8	26.6	10.6	2.9
	84.2	66.2	35.8	22.2	3.6	29.3	18.4	2.9	27.4	17.6	2.8	25.6	16.8	2.8
		60.8	33.3	23.3	3.5	27.2	19.4	2.8	25.5	18.3	2.7	23.8	17.1	2.8
		66.2	36.2	23.7	3.6	29.5	19.7	2.9	27.7	18.8	2.8	25.8	17.9	2.8
	86.0	73.4	38.0	19.4	3.6	31.0	16.1	3.0	29.1	15.4	2.8	27.1	14.7	2.9
		60.8	35.0	25.2	3.5	28.6	20.6	2.9	26.8	19.3	2.7	25.0	18.0	2.8
		66.2	37.2	26.5	3.6	30.4	21.9	3.0	28.5	20.5	2.8	26.6	19.2	2.9
89.6	73.4	37.6	23.6	3.6	30.7	19.6	3.0	28.8	18.8	2.8	26.9	17.8	2.9	
	48.2	23.0	7.8	2.6	18.8	6.5	2.2	17.6	6.2	2.1	16.4	5.9	2.1	
	53.6	23.8	5.1	2.8	19.5	4.2	2.3	18.3	4.0	2.1	17.0	3.9	2.2	
1625	64.4	59.0	28.7	5.2	3.0	23.5	4.4	2.5	22.0	4.2	2.4	20.5	4.0	2.4
		53.6	28.6	11.8	3.2	23.4	9.8	2.6	21.9	9.4	2.5	20.4	9.0	2.5
		59.0	29.3	9.7	3.2	23.9	8.1	2.7	22.4	7.7	2.5	20.9	7.3	2.6
	69.8	66.2	34.1	7.7	3.5	27.8	6.4	2.9	26.1	6.1	2.7	24.3	5.8	2.8
		60.8	30.6	12.1	3.2	25.0	10.1	2.7	23.4	9.7	2.5	21.9	9.2	2.6
		66.2	34.8	11.8	3.5	28.4	9.8	2.9	26.6	9.4	2.7	24.8	8.9	2.8
	75.2	73.4	34.1	5.5	3.7	27.8	4.6	3.0	26.1	4.4	2.9	24.3	4.2	2.9
		60.8	31.9	15.2	3.5	26.1	12.6	2.8	24.4	12.1	2.7	22.8	11.5	2.8
		66.2	35.5	15.0	3.6	29.0	12.5	2.9	27.1	12.0	2.8	25.3	11.4	2.8
	80.6	73.4	37.6	10.2	3.6	30.7	8.5	3.0	28.8	8.1	2.8	26.9	7.7	2.9
		66.2	36.2	16.1	3.6	29.5	13.4	3.0	27.7	12.8	2.8	25.8	12.2	2.9
		60.8	33.6	16.9	3.5	27.4	14.1	2.9	25.7	13.3	2.7	24.0	12.4	2.8
	86.0	66.2	36.5	17.2	3.6	29.8	14.3	3.0	28.0	13.7	2.8	26.1	13.0	2.9
		73.4	38.4	14.1	3.7	31.3	11.7	3.0	29.4	11.2	2.9	27.4	10.7	2.9
		60.8	35.3	18.3	3.6	28.9	15.0	2.9	27.1	14.0	2.8	25.2	13.1	2.8
	89.6	66.2	37.6	19.3	3.6	30.7	15.9	3.0	28.8	14.9	2.8	26.9	13.9	2.9
		73.4	37.6	17.0	3.6	30.7	14.1	3.0	28.8	13.5	2.8	26.9	12.8	2.9

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD42NK3CO/GUHD42NM3CO Indoor Unit:GFH42K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)															
			64.4			69.8			77			86			95			
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1083	64.4	48.2	17.0	7.8	1.6	18.1	8.9	1.7	21.0	10.9	1.8	21.9	12.0	2.1	22.6	13.0	2.5	
		53.6	17.6	5.1	1.7	18.8	5.8	1.8	21.8	7.1	1.9	22.8	7.8	2.2	23.5	8.5	2.6	
		59.0	21.2	5.3	1.8	22.6	6.0	2.0	26.3	7.3	2.1	27.4	8.1	2.4	28.3	8.8	2.8	
	69.8	53.6	21.1	11.9	1.9	22.5	13.5	2.1	26.2	16.6	2.2	27.3	18.2	2.5	28.1	19.8	3.0	
		59.0	21.6	9.7	2.0	23.1	11.0	2.1	26.8	13.5	2.3	28.0	14.9	2.6	28.8	16.2	3.0	
		66.2	25.1	7.7	2.1	26.8	8.7	2.3	31.2	10.7	2.4	32.5	11.8	2.8	33.5	12.8	3.3	
	75.2	60.8	22.6	12.2	2.0	24.1	13.8	2.1	28.0	17.0	2.3	29.2	18.7	2.6	30.1	20.3	3.0	
		66.2	25.7	11.8	2.1	27.4	13.4	2.3	31.8	16.5	2.5	33.2	18.2	2.8	34.2	19.7	3.3	
		73.4	25.1	5.6	2.2	26.8	6.3	2.4	31.2	7.8	2.6	32.5	8.6	2.9	33.5	9.3	3.4	
	80.6	60.8	23.6	15.2	2.1	25.1	17.2	2.3	29.2	21.2	2.4	30.5	23.4	2.7	31.4	25.4	3.2	
		66.2	26.2	15.1	2.2	27.9	17.1	2.3	32.5	21.1	2.5	33.9	23.2	2.8	34.9	25.2	3.3	
		73.4	27.7	10.2	2.2	29.6	11.6	2.4	34.4	14.3	2.5	35.9	15.7	2.9	37.0	17.1	3.4	
	84.2	66.2	26.7	16.2	2.2	28.5	18.3	2.4	33.1	22.6	2.5	34.5	24.8	2.9	35.6	26.9	3.4	
		86.0	60.8	24.8	17.0	2.1	26.5	19.3	2.3	30.8	23.7	2.4	32.1	26.1	2.8	33.1	28.3	3.3
			66.2	27.0	17.3	2.2	28.8	19.6	2.4	33.4	24.1	2.5	34.9	26.5	2.9	36.0	28.8	3.4
	73.4		28.3	14.1	2.2	30.2	16.0	2.4	35.1	19.7	2.6	36.6	21.7	2.9	37.7	23.6	3.4	
	89.6	60.8	26.1	18.4	2.2	27.8	20.8	2.3	32.3	25.6	2.5	33.7	28.2	2.8	34.8	30.6	3.3	
		66.2	27.7	19.4	2.2	29.6	21.9	2.4	34.4	27.0	2.5	35.9	29.7	2.9	37.0	32.3	3.4	
73.4		30.7	18.9	2.3	32.8	21.4	2.5	38.1	26.3	2.6	39.7	29.0	3.0	41.0	31.5	3.5		
1218	64.4	48.2	17.9	8.6	1.6	19.1	9.8	1.7	22.2	12.0	1.9	23.1	13.2	2.1	23.8	14.4	2.5	
		53.6	18.5	5.6	1.7	19.8	6.4	1.8	23.0	7.8	2.0	24.0	8.6	2.2	24.7	9.4	2.6	
		59.0	22.3	5.8	1.9	23.8	6.6	2.0	27.7	8.1	2.1	28.9	8.9	2.4	29.8	9.7	2.9	
	69.8	53.6	22.2	13.1	2.0	23.7	14.8	2.1	27.6	18.2	2.3	28.8	20.1	2.6	29.7	21.8	3.0	
		59.0	22.8	10.7	2.0	24.3	12.1	2.1	28.2	14.9	2.3	29.5	16.4	2.6	30.4	17.8	3.1	
		66.2	26.5	8.5	2.1	28.2	9.6	2.3	32.8	11.8	2.5	34.3	13.0	2.8	35.3	14.1	3.3	
	75.2	60.8	23.8	13.4	2.0	25.4	15.2	2.1	29.5	18.7	2.3	30.8	20.6	2.6	31.7	22.4	3.1	
		66.2	27.0	13.0	2.2	28.8	14.8	2.3	33.5	18.2	2.5	35.0	20.0	2.8	36.0	21.7	3.3	
		73.4	26.5	6.1	2.3	28.3	6.9	2.4	32.9	8.6	2.6	34.3	9.4	2.9	35.3	10.2	3.5	
	80.6	60.8	24.8	16.8	2.1	26.5	19.0	2.3	30.8	23.4	2.4	32.1	25.7	2.8	33.1	27.9	3.3	
		66.2	27.6	16.6	2.2	29.4	18.8	2.4	34.2	23.2	2.5	35.7	25.5	2.9	36.8	27.7	3.4	
		73.4	29.2	11.3	2.2	31.2	12.8	2.4	36.3	15.7	2.6	37.8	17.3	2.9	39.0	18.8	3.4	
	84.2	66.2	28.1	17.8	2.2	30.0	20.2	2.4	34.9	24.8	2.5	36.4	27.3	2.9	37.5	29.7	3.4	
		86.0	60.8	26.1	18.7	2.1	27.9	21.2	2.3	32.4	26.1	2.5	33.8	28.7	2.8	34.9	31.2	3.3
			66.2	28.4	19.0	2.2	30.3	21.5	2.4	35.2	26.5	2.5	36.7	29.2	2.9	37.9	31.7	3.4
	73.4		29.8	15.6	2.3	31.8	17.6	2.4	37.0	21.7	2.6	38.6	23.9	2.9	39.8	25.9	3.5	
	89.6	60.8	27.5	20.2	2.2	29.3	22.9	2.4	34.1	28.2	2.5	35.5	31.1	2.9	36.6	33.7	3.4	
		66.2	29.2	21.3	2.2	31.2	24.2	2.4	36.3	29.7	2.6	37.8	32.7	2.9	39.0	35.5	3.4	
73.4		30.7	19.7	2.3	32.8	22.4	2.5	38.1	27.5	2.6	39.7	30.3	3.0	41.0	32.9	3.5		
1354	64.4	48.2	18.2	9.5	1.6	19.5	10.7	1.8	22.6	13.2	1.9	23.6	14.5	2.1	24.3	15.8	2.5	
		53.6	18.9	6.2	1.7	20.2	7.0	1.8	23.5	8.6	2.0	24.5	9.5	2.2	25.2	10.3	2.6	
		59.0	22.8	6.4	1.9	24.3	7.2	2.0	28.3	8.9	2.2	29.5	9.8	2.5	30.4	10.6	2.9	
	69.8	53.6	22.7	14.3	2.0	24.2	16.3	2.1	28.1	20.0	2.3	29.4	22.0	2.6	30.3	23.9	3.0	
		59.0	23.2	11.7	2.0	24.8	13.3	2.2	28.8	16.4	2.3	30.1	18.0	2.6	31.0	19.6	3.1	
		66.2	27.0	9.3	2.2	28.8	10.5	2.3	33.5	12.9	2.5	34.9	14.3	2.8	36.0	15.5	3.3	
	75.2	60.8	24.3	14.7	2.0	25.9	16.7	2.2	30.1	20.5	2.3	31.4	22.6	2.6	32.4	24.5	3.1	
		66.2	27.6	14.3	2.2	29.4	16.2	2.4	34.2	19.9	2.5	35.7	22.0	2.9	36.8	23.8	3.4	
		73.4	27.0	6.7	2.3	28.8	7.6	2.5	33.5	9.4	2.6	35.0	10.3	3.0	36.0	11.2	3.5	
	80.6	60.8	25.3	18.4	2.1	27.0	20.8	2.3	31.4	25.6	2.5	32.8	28.2	2.8	33.8	30.6	3.3	
		66.2	28.1	18.2	2.2	30.0	20.7	2.4	34.9	25.4	2.6	36.4	28.0	2.9	37.5	30.4	3.4	
		73.4	29.8	12.4	2.3	31.8	14.0	2.4	37.0	17.3	2.6	38.6	19.0	2.9	39.8	20.6	3.5	
	84.2	66.2	28.7	19.5	2.2	30.6	22.1	2.4	35.6	27.3	2.6	37.1	30.0	2.9	38.3	32.6	3.4	
		86.0	60.8	26.7	20.5	2.2	28.5	23.3	2.3	33.1	28.6	2.5	34.5	31.5	2.8	35.6	34.2	3.3
			66.2	29.0	20.9	2.2	30.9	23.6	2.4	36.0	29.1	2.6	37.5	32.0	2.9	38.7	34.8	3.4
	73.4		30.4	17.1	2.3	32.5	19.4	2.5	37.7	23.8	2.6	39.4	26.2	3.0	40.6	28.5	3.5	
	89.6	60.8	28.0	22.2	2.2	29.9	25.2	2.4	34.8	31.0	2.5	36.3	34.1	2.9	37.4	37.0	3.4	
		66.2	29.8	23.4	2.3	31.8	26.5	2.4	37.0	32.6	2.6	38.6	35.9	2.9	39.8	39.0	3.5	
73.4		30.7	21.2	2.3	32.8	24.0	2.5	38.1	29.6	2.6	39.7	32.6	3.0	41.0	35.3	3.5		

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			64.4			69.8			77			86			95		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1489	64.4	48.2	18.6	6.9	1.7	19.8	7.9	1.8	23.1	9.7	1.9	24.1	10.7	2.2	24.8	16.6	2.5
		53.6	19.3	4.5	1.7	20.6	5.1	1.9	23.9	6.3	2.0	25.0	7.0	2.3	25.7	10.8	2.7
		59.0	23.3	4.7	1.9	24.8	5.3	2.0	28.8	6.5	2.2	30.1	7.2	2.5	31.0	11.1	2.9
	69.8	53.6	23.2	10.5	2.0	24.7	11.9	2.1	28.7	14.7	2.3	29.9	16.2	2.6	30.9	25.1	3.1
		59.0	23.7	8.6	2.0	25.3	9.8	2.2	29.4	12.0	2.3	30.7	13.2	2.7	31.6	20.5	3.1
		66.2	27.6	6.8	2.2	29.4	7.7	2.4	34.2	9.5	2.5	35.6	10.5	2.9	36.8	16.3	3.4
	75.2	60.8	24.8	10.8	2.0	26.4	12.3	2.2	30.7	15.1	2.3	32.0	16.6	2.7	33.0	25.8	3.1
		66.2	28.1	10.5	2.2	30.0	11.9	2.4	34.9	14.7	2.5	36.4	16.1	2.9	37.5	25.0	3.4
		73.4	27.6	4.9	2.3	29.4	5.6	2.5	34.2	6.9	2.7	35.7	7.6	3.0	36.8	11.8	3.5
	80.6	60.8	25.8	13.5	2.2	27.6	15.3	2.3	32.0	18.8	2.5	33.4	20.7	2.8	34.5	32.2	3.3
		66.2	28.7	13.4	2.2	30.6	15.2	2.4	35.6	18.7	2.6	37.1	20.6	2.9	38.3	31.9	3.4
		73.4	30.4	9.1	2.3	32.5	10.3	2.5	37.7	12.7	2.6	39.4	14.0	3.0	40.6	21.7	3.5
	84.2	66.2	29.3	14.3	2.3	31.2	16.3	2.4	36.3	20.0	2.6	37.9	22.0	2.9	39.0	34.2	3.5
		60.8	27.2	15.1	2.2	29.0	17.1	2.4	33.7	21.0	2.5	35.2	23.2	2.9	36.3	35.9	3.4
		66.2	29.6	15.3	2.3	31.5	17.4	2.4	36.7	21.4	2.6	38.2	23.5	2.9	39.4	36.5	3.5
	86.0	73.4	31.1	12.5	2.3	33.1	14.2	2.5	38.5	17.5	2.7	40.2	19.3	3.0	41.4	29.9	3.5
		60.8	28.6	16.3	2.2	30.5	18.5	2.4	35.5	22.8	2.6	37.0	25.1	2.9	38.1	38.9	3.4
		66.2	30.4	17.2	2.3	32.5	19.5	2.5	37.7	24.0	2.6	39.4	26.4	3.0	40.6	41.0	3.5
89.6	73.4	30.7	15.3	2.3	32.8	17.3	2.5	38.1	21.3	2.6	39.7	23.4	3.0	41.0	36.4	3.5	
	64.4	48.2	18.8	5.0	1.7	20.0	5.7	1.8	23.3	7.0	1.9	24.3	7.8	2.2	25.1	16.7	2.6
	53.6	19.5	3.3	1.7	20.8	3.7	1.9	24.2	4.6	2.0	25.2	5.1	2.3	26.0	10.9	2.7	
1625	64.4	59.0	23.5	3.4	1.9	25.1	3.8	2.1	29.1	4.7	2.2	30.4	5.2	2.5	31.3	11.2	2.9
		53.6	23.4	7.7	2.0	24.9	8.7	2.2	29.0	10.7	2.3	30.2	11.8	2.6	31.2	25.4	3.1
		59.0	23.9	6.3	2.1	25.5	7.1	2.2	29.7	8.7	2.4	31.0	9.6	2.7	31.9	20.7	3.2
	69.8	66.2	27.8	5.0	2.2	29.7	5.6	2.4	34.5	6.9	2.5	36.0	7.6	2.9	37.1	16.4	3.4
		60.8	25.0	7.9	2.1	26.7	8.9	2.2	31.0	11.0	2.4	32.3	12.1	2.7	33.3	26.0	3.2
		66.2	28.4	7.6	2.2	30.3	8.7	2.4	35.2	10.7	2.6	36.7	11.7	2.9	37.9	25.3	3.4
	75.2	73.4	27.8	3.6	2.3	29.7	4.1	2.5	34.5	5.0	2.7	36.0	5.5	3.0	37.1	11.9	3.6
		60.8	26.1	9.8	2.2	27.8	11.1	2.4	32.4	13.7	2.5	33.7	15.1	2.9	34.8	32.5	3.4
		66.2	29.0	9.7	2.3	30.9	11.0	2.4	36.0	13.6	2.6	37.5	15.0	2.9	38.7	32.3	3.5
	80.6	73.4	30.7	6.6	2.3	32.8	7.5	2.5	38.1	9.2	2.7	39.7	10.1	3.0	41.0	21.9	3.5
		66.2	29.6	10.4	2.3	31.5	11.8	2.5	36.7	14.6	2.6	38.2	16.0	3.0	39.4	34.5	3.5
		60.8	27.5	11.0	2.2	29.3	12.4	2.4	34.1	15.3	2.5	35.5	16.8	2.9	36.6	36.3	3.4
	86.0	66.2	29.9	11.1	2.3	31.9	12.6	2.5	37.0	15.5	2.6	38.6	17.1	3.0	39.8	36.9	3.5
		73.4	31.4	9.1	2.3	33.4	10.3	2.5	38.9	12.7	2.7	40.6	14.0	3.0	41.8	30.2	3.6
		60.8	28.9	11.9	2.3	30.8	13.4	2.4	35.8	16.5	2.6	37.4	18.2	2.9	38.5	39.3	3.5
	89.6	66.2	30.7	12.5	2.3	32.8	14.2	2.5	38.1	17.4	2.7	39.7	19.2	3.0	41.0	41.4	3.5
		73.4	30.7	11.0	2.3	32.8	12.5	2.5	38.1	15.3	2.6	39.7	16.9	3.0	41.0	36.4	3.5

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AFR	Indoor temperature		Outdoor temperature DB (°F)											
			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1083	64.4	48.2	22.2	12.9	2.7	18.1	10.7	2.2	17.0	10.3	2.1	15.8	9.8	2.1
		53.6	23.0	8.4	2.8	18.8	7.0	2.3	17.6	6.7	2.2	16.4	6.4	2.2
		59.0	27.7	8.7	3.1	22.6	7.2	2.5	21.2	6.9	2.4	19.8	6.6	2.5
	69.8	53.6	27.6	19.6	3.2	22.5	16.3	2.7	21.1	15.6	2.5	19.7	14.8	2.6
		59.0	28.2	16.0	3.3	23.1	13.3	2.7	21.6	12.7	2.6	20.2	12.1	2.6
		66.2	32.8	12.7	3.6	26.8	10.5	2.9	25.1	10.1	2.8	23.5	9.6	2.8
	75.2	60.8	29.5	20.1	3.3	24.1	16.7	2.7	22.6	16.0	2.6	21.1	15.2	2.6
		66.2	33.5	19.5	3.6	27.4	16.3	3.0	25.7	15.5	2.8	23.9	14.8	2.9
		73.4	32.9	9.2	3.7	26.8	7.6	3.1	25.1	7.3	2.9	23.5	7.0	3.0
	80.6	60.8	30.8	25.1	3.5	25.1	20.9	2.9	23.6	20.0	2.7	22.0	19.0	2.8
		66.2	34.2	24.9	3.6	27.9	20.7	3.0	26.2	19.8	2.8	24.4	18.8	2.9
		73.4	36.3	16.9	3.7	29.6	14.1	3.1	27.7	13.4	2.9	25.9	12.8	3.0
	84.2	66.2	34.9	26.7	3.7	28.5	22.2	3.0	26.7	21.2	2.9	24.9	20.2	2.9
		60.8	32.4	28.0	3.6	26.5	23.3	2.9	24.8	22.1	2.8	23.2	20.6	2.8
		66.2	35.2	28.5	3.7	28.8	23.7	3.0	27.0	22.7	2.9	25.2	21.5	2.9
	86.0	73.4	37.0	23.3	3.7	30.2	19.4	3.1	28.3	18.6	2.9	26.4	17.6	3.0
		60.8	34.1	30.3	3.6	27.8	24.8	3.0	26.1	23.2	2.8	24.3	21.7	2.9
		66.2	36.3	31.9	3.7	29.6	26.3	3.1	27.7	24.7	2.9	25.9	23.1	3.0
89.6	73.4	40.2	31.1	3.8	32.8	25.9	3.2	30.7	24.8	3.0	28.7	23.6	3.0	
	48.2	23.4	14.2	2.7	19.1	11.8	2.2	17.9	11.3	2.1	16.7	10.8	2.2	
	53.6	24.2	9.3	2.8	19.8	7.7	2.3	18.5	7.4	2.2	17.3	7.0	2.3	
1218	64.4	59.0	29.2	9.6	3.1	23.8	8.0	2.6	22.3	7.6	2.4	20.9	7.2	2.5
		53.6	29.1	21.6	3.3	23.7	18.0	2.7	22.2	17.2	2.6	20.8	16.3	2.6
		59.0	29.8	17.6	3.3	24.3	14.7	2.8	22.8	14.0	2.6	21.3	13.3	2.7
	69.8	66.2	34.6	14.0	3.6	28.2	11.6	3.0	26.5	11.1	2.8	24.7	10.6	2.9
		60.8	31.1	22.1	3.3	25.4	18.4	2.8	23.8	17.6	2.6	22.2	16.8	2.7
		66.2	35.3	21.5	3.6	28.8	17.9	3.0	27.0	17.1	2.8	25.2	16.3	2.9
	75.2	73.4	34.6	10.1	3.8	28.3	8.4	3.1	26.5	8.0	2.9	24.7	7.7	3.0
		60.8	32.4	27.6	3.6	26.5	23.0	2.9	24.8	22.0	2.8	23.2	20.9	2.8
		66.2	36.0	27.4	3.7	29.4	22.8	3.0	27.6	21.8	2.9	25.7	20.8	2.9
	80.6	73.4	38.2	18.6	3.7	31.2	15.5	3.1	29.2	14.8	2.9	27.3	14.1	3.0
		66.2	36.8	29.4	3.7	30.0	24.5	3.1	28.1	23.4	2.9	26.3	22.2	3.0
		60.8	34.2	30.9	3.6	27.9	25.7	3.0	26.1	24.3	2.8	24.4	22.7	2.9
	86.0	66.2	37.1	31.4	3.7	30.3	26.1	3.1	28.4	24.9	2.9	26.5	23.7	3.0
		73.4	39.0	25.7	3.8	31.8	21.4	3.1	29.8	20.4	2.9	27.8	19.4	3.0
		60.8	35.9	33.4	3.7	29.3	27.3	3.0	27.5	25.6	2.9	25.7	23.9	2.9
	89.6	66.2	38.2	35.2	3.7	31.2	29.0	3.1	29.2	27.2	2.9	27.3	25.4	3.0
		73.4	40.2	32.5	3.8	32.8	27.1	3.2	30.7	25.9	3.0	28.7	24.6	3.0
		48.2	23.8	15.6	2.7	19.5	13.0	2.3	18.2	12.4	2.1	17.0	11.8	2.2
1354	64.4	53.6	24.7	10.2	2.9	20.2	8.5	2.4	18.9	8.1	2.2	17.7	7.7	2.3
		59.0	29.8	10.5	3.2	24.3	8.7	2.6	22.8	8.3	2.5	21.3	7.9	2.5
		53.6	29.7	23.7	3.3	24.2	19.7	2.7	22.7	18.8	2.6	21.2	17.9	2.6
	69.8	59.0	30.4	19.4	3.4	24.8	16.1	2.8	23.2	15.4	2.6	21.7	14.6	2.7
		66.2	35.3	15.3	3.6	28.8	12.7	3.0	27.0	12.2	2.8	25.2	11.6	2.9
		60.8	31.7	24.3	3.4	25.9	20.2	2.8	24.3	19.3	2.6	22.7	18.4	2.7
	75.2	66.2	36.0	23.6	3.7	29.4	19.6	3.0	27.6	18.8	2.9	25.7	17.9	2.9
		73.4	35.3	11.1	3.8	28.8	9.2	3.2	27.0	8.8	3.0	25.2	8.4	3.0
		60.8	33.1	30.3	3.6	27.0	25.3	3.0	25.3	24.1	2.8	23.6	23.0	2.9
	80.6	66.2	36.8	30.1	3.7	30.0	25.1	3.1	28.1	23.9	2.9	26.3	22.8	3.0
		73.4	39.0	20.4	3.8	31.8	17.0	3.1	29.8	16.2	2.9	27.8	15.4	3.0
		66.2	37.5	32.2	3.7	30.6	26.8	3.1	28.7	25.6	2.9	26.8	24.4	3.0
	86.0	60.8	34.9	33.9	3.6	28.5	28.2	3.0	26.7	26.7	2.8	24.9	24.9	2.9
		66.2	37.9	34.4	3.7	30.9	28.6	3.1	29.0	27.4	2.9	27.1	26.0	3.0
		73.4	39.8	28.2	3.8	32.5	23.5	3.2	30.4	22.4	3.0	28.4	21.3	3.0
	89.6	60.8	36.6	36.6	3.7	29.9	29.9	3.1	28.0	28.0	2.9	26.2	26.2	3.0
		66.2	39.0	38.6	3.8	31.8	31.8	3.1	29.8	29.8	2.9	27.8	27.8	3.0
		73.4	40.2	35.0	3.8	32.8	29.1	3.2	30.7	27.8	3.0	28.7	26.5	3.0

AFR	Indoor temperature		Outdoor temperature DB (°F)											
			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1489	64.4	48.2	24.3	11.5	2.8	19.8	9.5	2.3	18.6	9.1	2.2	17.4	8.7	2.2
		53.6	25.2	7.5	2.9	20.6	6.2	2.4	19.3	5.9	2.3	18.0	5.7	2.3
		59.0	30.4	7.7	3.2	24.8	6.4	2.6	23.3	6.1	2.5	21.7	5.8	2.5
	69.8	53.6	30.3	17.4	3.3	24.7	14.5	2.8	23.2	13.8	2.6	21.6	13.2	2.7
		59.0	31.0	14.2	3.4	25.3	11.8	2.8	23.7	11.3	2.7	22.1	10.8	2.7
		66.2	36.0	11.2	3.7	29.4	9.4	3.0	27.6	8.9	2.9	25.7	8.5	2.9
	75.2	60.8	32.4	17.8	3.4	26.4	14.9	2.8	24.8	14.2	2.7	23.1	13.5	2.7
		66.2	36.8	17.3	3.7	30.0	14.4	3.1	28.1	13.8	2.9	26.3	13.1	3.0
		73.4	36.0	8.1	3.9	29.4	6.8	3.2	27.6	6.5	3.0	25.7	6.2	3.1
	80.6	60.8	33.8	22.3	3.6	27.6	18.5	3.0	25.8	17.7	2.8	24.1	16.9	2.9
		66.2	37.5	22.1	3.7	30.6	18.4	3.1	28.7	17.6	2.9	26.8	16.7	3.0
		73.4	39.8	15.0	3.8	32.5	12.5	3.2	30.4	11.9	3.0	28.4	11.3	3.0
	84.2	66.2	38.3	23.7	3.8	31.2	19.7	3.1	29.3	18.8	2.9	27.3	17.9	3.0
		60.8	35.6	24.9	3.7	29.0	20.7	3.0	27.2	19.6	2.9	25.4	18.3	2.9
		66.2	38.6	25.3	3.8	31.5	21.0	3.1	29.6	20.1	2.9	27.6	19.1	3.0
	86.0	73.4	40.6	20.7	3.9	33.1	17.2	3.2	31.1	16.5	3.0	29.0	15.7	3.1
		60.8	37.4	26.9	3.7	30.5	22.0	3.1	28.6	20.6	2.9	26.7	19.2	3.0
		66.2	39.8	28.3	3.8	32.5	23.4	3.2	30.4	21.9	3.0	28.4	20.5	3.0
89.6	73.4	40.2	25.2	3.8	32.8	21.0	3.2	30.7	20.0	3.0	28.7	19.1	3.0	
	64.4	48.2	24.5	8.3	2.8	20.0	6.9	2.3	18.8	6.6	2.2	17.5	6.3	2.2
	53.6	25.5	5.4	2.9	20.8	4.5	2.4	19.5	4.3	2.3	18.2	4.1	2.3	
1625	64.4	59.0	30.7	5.6	3.2	25.1	4.7	2.7	23.5	4.5	2.5	21.9	4.2	2.6
		53.6	30.6	12.6	3.4	24.9	10.5	2.8	23.4	10.1	2.6	21.8	9.6	2.7
		59.0	31.3	10.3	3.4	25.5	8.6	2.8	23.9	8.2	2.7	22.3	7.8	2.7
	69.8	66.2	36.4	8.2	3.7	29.7	6.8	3.1	27.8	6.5	2.9	26.0	6.2	3.0
		60.8	32.7	13.0	3.4	26.7	10.8	2.8	25.0	10.3	2.7	23.3	9.8	2.7
		66.2	37.1	12.6	3.7	30.3	10.5	3.1	28.4	10.0	2.9	26.5	9.5	3.0
	75.2	73.4	36.4	5.9	3.9	29.7	4.9	3.2	27.8	4.7	3.0	26.0	4.5	3.1
		60.8	34.1	16.2	3.7	27.8	13.5	3.0	26.1	12.9	2.9	24.4	12.3	2.9
		66.2	37.9	16.1	3.8	30.9	13.4	3.1	29.0	12.8	2.9	27.1	12.2	3.0
	80.6	73.4	40.2	10.9	3.9	32.8	9.1	3.2	30.7	8.7	3.0	28.7	8.2	3.1
		66.2	38.6	17.2	3.8	31.5	14.3	3.2	29.6	13.7	3.0	27.6	13.0	3.0
		60.8	35.9	18.1	3.7	29.3	15.1	3.1	27.5	14.2	2.9	25.6	13.3	3.0
	84.2	66.2	39.0	18.4	3.8	31.9	15.3	3.2	29.9	14.6	3.0	27.9	13.9	3.0
		73.4	41.0	15.0	3.9	33.4	12.5	3.2	31.4	12.0	3.0	29.3	11.4	3.1
		60.8	37.7	19.6	3.8	30.8	16.0	3.1	28.9	15.0	2.9	27.0	14.0	3.0
	89.6	66.2	40.2	20.6	3.9	32.8	17.0	3.2	30.7	15.9	3.0	28.7	14.9	3.1
		73.4	40.2	18.1	3.8	32.8	15.1	3.2	30.7	14.4	3.0	28.7	13.7	3.0

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Outdoor Unit:GUHD48NK3CO/GUHD48NM3CO Indoor Unit:GFH48K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			64.4			69.8			77			86			95		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1177	64.4	48.2	21.6	10.0	2.1	23.0	11.3	2.2	26.8	13.9	2.4	27.9	15.3	2.7	28.8	16.6	3.2
		53.6	22.4	6.5	2.2	23.9	7.4	2.3	27.8	9.1	2.5	29.0	10.0	2.8	29.9	10.8	3.3
		59.0	27.0	6.7	2.4	28.8	7.6	2.6	33.5	9.3	2.7	34.9	10.3	3.1	36.0	11.2	3.7
	69.8	53.6	26.9	15.1	2.5	28.7	17.1	2.7	33.3	21.1	2.9	34.7	23.2	3.3	35.8	25.2	3.8
		59.0	27.5	12.4	2.6	29.3	14.0	2.8	34.1	17.2	2.9	35.6	19.0	3.3	36.7	20.6	3.9
		66.2	32.0	9.8	2.7	34.1	11.1	3.0	39.7	13.6	3.2	41.4	15.0	3.6	42.6	16.3	4.2
	75.2	60.8	28.7	15.5	2.6	30.6	17.6	2.7	35.6	21.6	2.9	37.2	23.8	3.3	38.3	25.9	3.9
		66.2	32.7	15.1	2.8	34.8	17.1	3.0	40.5	21.0	3.2	42.2	23.1	3.6	43.5	25.1	4.3
		73.4	32.0	7.1	2.9	34.1	8.0	3.1	39.7	9.9	3.3	41.4	10.9	3.8	42.7	11.8	4.4
	80.6	60.8	30.0	19.4	2.7	32.0	22.0	2.9	37.2	27.0	3.1	38.8	29.7	3.6	40.0	32.3	4.2
		66.2	33.3	19.2	2.8	35.5	21.8	3.0	41.3	26.8	3.2	43.1	29.5	3.7	44.4	32.0	4.3
		73.4	35.3	13.0	2.9	37.7	14.8	3.1	43.8	18.2	3.3	45.7	20.0	3.7	47.1	21.7	4.4
	84.2	66.2	34.0	20.6	2.8	36.3	23.3	3.0	42.1	28.7	3.3	44.0	31.6	3.7	45.3	34.3	4.4
		60.8	31.6	21.6	2.7	33.7	24.5	3.0	39.1	30.2	3.2	40.8	33.2	3.6	42.1	36.0	4.2
		66.2	34.3	22.0	2.8	36.6	24.9	3.0	42.6	30.6	3.3	44.4	33.7	3.7	45.8	36.6	4.4
	86.0	73.4	36.0	18.0	2.9	38.4	20.4	3.1	44.7	25.1	3.3	46.6	27.6	3.8	48.0	30.0	4.4
		60.8	33.2	23.4	2.8	35.4	26.5	3.0	41.2	32.6	3.2	42.9	35.9	3.7	44.3	39.0	4.3
		66.2	35.3	24.6	2.9	37.7	27.9	3.1	43.8	34.4	3.3	45.7	37.9	3.7	47.1	41.1	4.4
	89.6	73.4	39.1	24.0	2.9	41.7	27.2	3.2	48.5	33.5	3.4	50.6	36.9	3.9	52.2	40.0	4.5
		60.8	32.2	11.0	2.1	24.3	12.4	2.3	28.2	15.3	2.4	29.4	16.8	2.7	30.3	18.3	3.2
		53.6	23.6	7.2	2.2	25.2	8.1	2.4	29.3	10.0	2.5	30.5	11.0	2.9	31.5	11.9	3.4
1324	64.4	48.2	22.8	11.0	2.1	24.3	12.4	2.3	28.2	15.3	2.4	29.4	16.8	2.7	30.3	18.3	3.2
		53.6	23.6	7.2	2.2	25.2	8.1	2.4	29.3	10.0	2.5	30.5	11.0	2.9	31.5	11.9	3.4
		59.0	28.4	7.4	2.4	30.3	8.4	2.6	35.3	10.3	2.8	36.8	11.3	3.1	37.9	12.3	3.7
	69.8	53.6	28.3	16.6	2.5	30.2	18.9	2.7	35.1	23.2	2.9	36.6	25.6	3.3	37.7	27.7	3.9
		59.0	29.0	13.6	2.6	30.9	15.4	2.8	35.9	19.0	3.0	37.5	20.9	3.4	38.6	22.7	4.0
		66.2	33.7	10.8	2.8	36.0	12.2	3.0	41.8	15.0	3.2	43.6	16.5	3.6	44.9	17.9	4.3
	75.2	60.8	30.3	17.1	2.6	32.3	19.4	2.8	37.5	23.8	3.0	39.2	26.2	3.4	40.4	28.5	4.0
		66.2	34.4	16.6	2.8	36.7	18.8	3.0	42.7	23.1	3.2	44.5	25.5	3.7	45.9	27.6	4.3
		73.4	33.7	7.8	2.9	36.0	8.8	3.1	41.8	10.9	3.4	43.6	12.0	3.8	45.0	13.0	4.5
	80.6	60.8	31.6	21.3	2.7	33.7	24.2	3.0	39.2	29.8	3.2	40.9	32.8	3.6	42.1	35.5	4.2
		66.2	35.1	21.2	2.8	37.5	24.0	3.0	43.5	29.5	3.3	45.4	32.5	3.7	46.8	35.3	4.4
		73.4	37.2	14.4	2.9	39.7	16.3	3.1	46.1	20.0	3.3	48.1	22.0	3.8	49.6	23.9	4.4
	84.2	66.2	35.8	22.7	2.9	38.2	25.7	3.1	44.4	31.6	3.3	46.3	34.8	3.7	47.7	37.8	4.4
		60.8	33.3	23.8	2.8	35.5	27.0	3.0	41.3	33.2	3.2	43.0	36.6	3.6	44.4	39.7	4.3
		66.2	36.2	24.2	2.9	38.6	27.4	3.1	44.8	33.7	3.3	46.8	37.2	3.7	48.2	40.3	4.4
	86.0	73.4	38.0	19.8	2.9	40.5	22.5	3.1	47.1	27.6	3.4	49.1	30.4	3.8	50.6	33.0	4.5
		60.8	35.0	25.8	2.8	37.3	29.2	3.0	43.4	35.9	3.3	45.2	39.6	3.7	46.6	42.9	4.4
		66.2	37.2	27.1	2.9	39.7	30.8	3.1	46.1	37.9	3.3	48.1	41.7	3.8	49.6	45.2	4.4
	89.6	73.4	39.1	25.1	2.9	41.7	28.4	3.2	48.5	35.0	3.4	50.6	38.5	3.9	52.2	41.8	4.5
		60.8	32.2	12.0	2.1	24.8	13.6	2.3	28.8	16.8	2.4	30.0	18.5	2.8	31.0	20.1	3.3
		53.6	24.1	7.9	2.2	25.7	8.9	2.4	29.9	11.0	2.6	31.2	12.1	2.9	32.1	13.1	3.4
1472	64.4	48.2	23.2	12.0	2.1	24.8	13.6	2.3	28.8	16.8	2.4	30.0	18.5	2.8	31.0	20.1	3.3
		53.6	24.1	7.9	2.2	25.7	8.9	2.4	29.9	11.0	2.6	31.2	12.1	2.9	32.1	13.1	3.4
		59.0	29.0	8.1	2.4	31.0	9.2	2.6	36.0	11.3	2.8	37.5	12.4	3.2	38.7	13.5	3.7
	69.8	53.6	28.9	18.3	2.6	30.8	20.7	2.7	35.8	25.5	2.9	37.4	28.0	3.3	38.5	30.4	3.9
		59.0	29.6	14.9	2.6	31.5	16.9	2.8	36.7	20.8	3.0	38.3	22.9	3.4	39.4	24.9	4.0
		66.2	34.4	11.8	2.8	36.7	13.4	3.0	42.6	16.5	3.2	44.5	18.1	3.7	45.9	19.7	4.3
	75.2	60.8	30.9	18.7	2.6	33.0	21.2	2.8	38.3	26.1	3.0	40.0	28.8	3.4	41.2	31.2	4.0
		66.2	35.1	18.2	2.8	37.5	20.6	3.0	43.5	25.4	3.3	45.4	28.0	3.7	46.8	30.3	4.4
		73.4	34.4	8.6	2.9	36.7	9.7	3.2	42.7	11.9	3.4	44.5	13.1	3.9	45.9	14.3	4.5
	80.6	60.8	32.2	23.4	2.8	34.4	26.5	3.0	40.0	32.6	3.2	41.7	35.9	3.6	43.0	39.0	4.3
		66.2	35.8	23.2	2.9	38.2	26.3	3.1	44.4	32.4	3.3	46.3	35.7	3.7	47.8	38.7	4.4
		73.4	38.0	15.7	2.9	40.5	17.8	3.1	47.1	22.0	3.4	49.1	24.2	3.8	50.6	26.2	4.5
	84.2	66.2	36.5	24.9	2.9	39.0	28.2	3.1	45.3	34.7	3.3	47.3	38.2	3.8	48.7	41.4	4.4
		60.8	33.9	26.1	2.8	36.2	29.6	3.0	42.1	36.4	3.2	43.9	40.1	3.7	45.3	43.5	4.3
		66.2	36.9	26.5	2.9	39.4	30.1	3.1	45.8	37.0	3.3	47.7	40.8	3.8	49.2	44.2	4.4
	86.0	73.4	38.7	21.7	2.9	41.3	24.6	3.2	48.0	30.3	3.4	50.1	33.4	3.9	51.7	36.2	4.5
		60.8	35.7	28.3	2.9	38.1	32.0	3.1	44.3	39.4	3.3	46.2	43.4	3.7	47.6	47.1	4.4
		66.2	38.0	29.8	2.9	40.5	33.7	3.1	47.1	41.5	3.4	49.1	45.7	3.8	50.6	49.6	4.5
	89.6	73.4	39.1	27.0	2.9	41.7	30.6	3.2	48.5	37.6	3.4	50.6	41.5	3.9	52.2	45.0	4.5

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			64.4			69.8			77			86			95		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1619	64.4	48.2	23.7	8.8	2.1	25.3	10.0	2.3	29.4	12.3	2.5	30.6	13.6	2.8	31.6	21.1	3.3
		53.6	24.6	5.8	2.2	26.2	6.5	2.4	30.5	8.0	2.6	31.8	8.9	2.9	32.8	13.7	3.4
		59.0	29.6	5.9	2.5	31.6	6.7	2.6	36.7	8.3	2.8	38.3	9.1	3.2	39.5	14.2	3.8
	69.8	53.6	29.5	13.4	2.6	31.4	15.2	2.8	36.5	18.7	3.0	38.1	20.6	3.4	39.3	32.0	4.0
		59.0	30.2	11.0	2.6	32.2	12.4	2.8	37.4	15.3	3.0	39.0	16.8	3.4	40.2	26.1	4.1
		66.2	35.1	8.7	2.8	37.4	9.8	3.0	43.5	12.1	3.3	45.4	13.3	3.7	46.8	20.7	4.4
	75.2	60.8	31.5	13.8	2.6	33.6	15.6	2.8	39.1	19.2	3.0	40.8	21.1	3.4	42.0	32.8	4.0
		66.2	35.8	13.4	2.9	38.2	15.1	3.1	44.4	18.6	3.3	46.3	20.5	3.7	47.7	31.9	4.4
		73.4	35.1	6.3	3.0	37.4	7.1	3.2	43.5	8.8	3.4	45.4	9.7	3.9	46.8	15.0	4.6
	80.6	60.8	32.9	17.2	2.8	35.1	19.5	3.0	40.8	24.0	3.2	42.5	26.4	3.7	43.9	41.0	4.3
		66.2	36.5	17.0	2.9	39.0	19.3	3.1	45.3	23.8	3.3	47.3	26.2	3.8	48.7	40.6	4.4
		73.4	38.7	11.6	2.9	41.3	13.1	3.2	48.0	16.1	3.4	50.1	17.8	3.9	51.6	27.6	4.5
	84.2	66.2	37.3	18.3	2.9	39.8	20.7	3.1	46.2	25.5	3.4	48.2	28.0	3.8	49.7	43.5	4.5
		60.8	34.6	19.2	2.8	36.9	21.7	3.0	42.9	26.8	3.3	44.8	29.5	3.7	46.2	45.8	4.4
		66.2	37.6	19.5	2.9	40.1	22.1	3.1	46.7	27.2	3.4	48.7	29.9	3.8	50.2	46.5	4.5
	86.0	73.4	39.5	16.0	3.0	42.2	18.1	3.2	49.0	22.3	3.4	51.1	24.5	3.9	52.7	38.1	4.6
		60.8	36.4	20.8	2.9	38.8	23.5	3.1	45.1	29.0	3.3	47.1	31.9	3.8	48.5	49.5	4.4
		66.2	38.7	21.9	2.9	41.3	24.8	3.2	48.0	30.5	3.4	50.1	33.6	3.9	51.6	52.1	4.5
89.6	73.4	39.1	19.4	2.9	41.7	22.0	3.2	48.5	27.1	3.4	50.6	29.8	3.9	52.2	46.3	4.5	
	48.2	23.9	6.4	2.2	25.5	7.3	2.3	29.7	9.0	2.5	30.9	9.9	2.8	31.9	21.3	3.3	
	53.6	24.8	4.2	2.3	26.5	4.8	2.4	30.8	5.8	2.6	32.1	6.4	3.0	33.1	13.9	3.5	
1766	64.4	59.0	29.9	4.3	2.5	31.9	4.9	2.7	37.1	6.0	2.9	38.7	6.6	3.2	39.9	14.3	3.8
		53.6	29.8	9.7	2.6	31.7	11.0	2.8	36.9	13.6	3.0	38.5	15.0	3.4	39.7	32.3	4.0
		59.0	30.5	8.0	2.7	32.5	9.0	2.9	37.8	11.1	3.1	39.4	12.2	3.5	40.6	26.4	4.1
	69.8	66.2	35.4	6.3	2.9	37.8	7.1	3.1	43.9	8.8	3.3	45.8	9.7	3.7	47.2	20.9	4.4
		60.8	31.8	10.0	2.7	33.9	11.3	2.9	39.5	14.0	3.1	41.2	15.4	3.5	42.4	33.1	4.1
		66.2	36.2	9.7	2.9	38.6	11.0	3.1	44.8	13.6	3.3	46.8	14.9	3.8	48.2	32.2	4.4
	75.2	73.4	35.4	4.6	3.0	37.8	5.2	3.2	43.9	6.4	3.5	45.8	7.0	3.9	47.3	15.1	4.6
		60.8	33.2	12.5	2.8	35.4	14.2	3.0	41.2	17.4	3.3	43.0	19.2	3.7	44.3	41.4	4.4
		66.2	36.9	12.4	2.9	39.4	14.0	3.1	45.8	17.3	3.4	47.7	19.0	3.8	49.2	41.0	4.5
	80.6	73.4	39.1	8.4	3.0	41.7	9.5	3.2	48.5	11.7	3.4	50.6	12.9	3.9	52.2	27.8	4.6
		66.2	37.6	13.3	2.9	40.1	15.0	3.2	46.7	18.5	3.4	48.7	20.4	3.9	50.2	44.0	4.5
		60.8	35.0	14.0	2.9	37.3	15.8	3.1	43.4	19.5	3.3	45.2	21.4	3.7	46.6	46.2	4.4
	86.0	66.2	38.0	14.2	2.9	40.5	16.1	3.2	47.1	19.8	3.4	49.2	21.8	3.9	50.7	46.9	4.5
		73.4	39.9	11.6	3.0	42.6	13.2	3.2	49.5	16.2	3.5	51.6	17.8	3.9	53.2	38.4	4.6
		60.8	36.8	15.1	2.9	39.2	17.1	3.1	45.6	21.1	3.4	47.6	23.2	3.8	49.0	50.0	4.5
	89.6	66.2	39.1	15.9	3.0	41.7	18.0	3.2	48.5	22.2	3.4	50.6	24.4	3.9	52.2	52.6	4.6
		73.4	39.1	14.0	2.9	41.7	15.9	3.2	48.5	19.5	3.4	50.6	21.5	3.9	52.2	46.3	4.5

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°F)												
			102.2			109.4			114.8			118.4			
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1177	64.4	48.2	28.2	16.4	3.5	23.0	13.7	2.9	21.6	13.1	2.7	20.2	12.4	2.8	
		53.6	29.3	10.7	3.6	23.9	8.9	3.0	22.4	8.5	2.8	20.9	8.1	2.9	
		59.0	35.3	11.0	4.0	28.8	9.2	3.3	27.0	8.8	3.1	25.2	8.4	3.2	
	69.8	53.6	35.1	24.9	4.2	28.7	20.8	3.5	26.9	19.8	3.3	25.1	18.9	3.3	
		59.0	35.9	20.4	4.3	29.3	17.0	3.5	27.5	16.2	3.3	25.7	15.4	3.4	
		66.2	41.8	16.1	4.6	34.1	13.4	3.8	32.0	12.8	3.6	29.9	12.2	3.7	
	75.2	60.8	37.5	25.6	4.3	30.6	21.3	3.5	28.7	20.4	3.3	26.8	19.4	3.4	
		66.2	42.7	24.9	4.7	34.8	20.7	3.8	32.7	19.8	3.6	30.5	18.8	3.7	
		73.4	41.8	11.7	4.8	34.1	9.7	4.0	32.0	9.3	3.8	29.9	8.8	3.9	
	80.6	60.8	39.2	32.0	4.6	32.0	26.6	3.8	30.0	25.4	3.6	28.0	24.2	3.6	
		66.2	43.5	31.7	4.7	35.5	26.4	3.9	33.3	25.2	3.7	31.1	24.0	3.8	
		73.4	46.1	21.5	4.8	37.7	17.9	4.0	35.3	17.1	3.7	33.0	16.3	3.8	
	84.2	66.2	44.4	33.9	4.7	36.3	28.3	3.9	34.0	27.0	3.7	31.7	25.7	3.8	
		60.8	41.3	35.7	4.6	33.7	29.7	3.8	31.6	28.1	3.6	29.5	26.2	3.7	
		66.2	44.8	36.2	4.7	36.6	30.2	3.9	34.3	28.8	3.7	32.0	27.4	3.8	
	86.0	73.4	47.1	29.7	4.8	38.4	24.7	4.0	36.0	23.6	3.8	33.6	22.5	3.9	
		60.8	43.4	38.6	4.7	35.4	31.5	3.9	33.2	29.5	3.7	31.0	27.6	3.7	
		66.2	46.1	40.7	4.8	37.7	33.5	4.0	35.3	31.4	3.7	33.0	29.3	3.8	
	89.6	73.4	51.1	39.6	4.9	41.7	33.0	4.1	39.1	31.5	3.9	36.5	30.0	3.9	
		48.2	29.7	18.1	3.5	24.3	15.1	2.9	22.8	14.4	2.7	21.2	13.7	2.8	
		53.6	30.8	11.8	3.7	25.2	9.8	3.0	23.6	9.4	2.9	22.0	8.9	2.9	
	1324	64.4	59.0	37.2	12.2	4.0	30.3	10.1	3.3	28.4	9.7	3.1	26.5	9.2	3.2
			53.6	37.0	27.4	4.2	30.2	22.9	3.5	28.3	21.8	3.3	26.4	20.8	3.4
			59.0	37.9	22.5	4.3	30.9	18.7	3.6	29.0	17.9	3.4	27.1	17.0	3.5
69.8		66.2	44.0	17.8	4.7	36.0	14.8	3.8	33.7	14.1	3.6	31.5	13.4	3.7	
		60.8	39.6	28.2	4.3	32.3	23.5	3.6	30.3	22.4	3.4	28.3	21.3	3.5	
		66.2	45.0	27.4	4.7	36.7	22.8	3.9	34.4	21.8	3.7	32.1	20.7	3.8	
75.2		73.4	44.1	12.9	4.9	36.0	10.7	4.0	33.7	10.2	3.8	31.5	9.7	3.9	
		60.8	41.3	35.2	4.6	33.7	29.3	3.8	31.6	28.0	3.6	29.5	26.6	3.7	
		66.2	45.9	34.9	4.7	37.5	29.1	3.9	35.1	27.8	3.7	32.8	26.4	3.8	
80.6		73.4	48.6	23.7	4.8	39.7	19.7	4.0	37.2	18.8	3.8	34.7	17.9	3.9	
		66.2	46.8	37.4	4.8	38.2	31.1	4.0	35.8	29.7	3.7	33.4	28.3	3.8	
		60.8	43.5	39.3	4.7	35.5	32.7	3.8	33.3	30.9	3.6	31.1	28.9	3.7	
86.0		66.2	47.3	39.9	4.8	38.6	33.2	4.0	36.2	31.7	3.7	33.8	30.2	3.8	
		73.4	49.6	32.7	4.9	40.5	27.2	4.0	38.0	26.0	3.8	35.4	24.7	3.9	
		60.8	45.7	42.5	4.7	37.3	34.7	3.9	35.0	32.5	3.7	32.7	30.4	3.8	
89.6		66.2	48.6	44.8	4.8	39.7	36.9	4.0	37.2	34.6	3.8	34.7	32.3	3.9	
		73.4	51.1	41.4	4.9	41.7	34.5	4.1	39.1	32.9	3.9	36.5	31.3	3.9	
		48.2	30.3	19.8	3.5	24.8	16.5	2.9	23.2	15.8	2.8	21.7	15.0	2.8	
1472		64.4	53.6	31.5	13.0	3.7	25.7	10.8	3.1	24.1	10.3	2.9	22.5	9.8	3.0
			59.0	37.9	13.3	4.1	31.0	11.1	3.4	29.0	10.6	3.2	27.1	10.1	3.3
			53.6	37.7	30.1	4.3	30.8	25.1	3.5	28.9	24.0	3.3	27.0	22.8	3.4
		69.8	59.0	38.6	24.6	4.4	31.5	20.5	3.6	29.6	19.6	3.4	27.6	18.6	3.5
			66.2	44.9	19.5	4.7	36.7	16.2	3.9	34.4	15.5	3.7	32.1	14.7	3.8
			60.8	40.4	30.9	4.4	33.0	25.7	3.6	30.9	24.6	3.4	28.8	23.4	3.5
	75.2	66.2	45.9	30.0	4.7	37.5	25.0	3.9	35.1	23.9	3.7	32.8	22.7	3.8	
		73.4	45.0	14.1	4.9	36.7	11.8	4.1	34.4	11.2	3.9	32.1	10.7	3.9	
		60.8	42.1	38.6	4.7	34.4	32.1	3.8	32.2	30.7	3.6	30.1	29.2	3.7	
	80.6	66.2	46.8	38.3	4.8	38.2	31.9	4.0	35.8	30.5	3.7	33.4	29.0	3.8	
		73.4	49.6	26.0	4.9	40.5	21.6	4.0	38.0	20.7	3.8	35.4	19.7	3.9	
		66.2	47.7	41.0	4.8	39.0	34.1	4.0	36.5	32.6	3.8	34.1	31.0	3.9	
	84.2	60.8	44.4	43.1	4.7	36.2	35.9	3.9	33.9	33.9	3.7	31.7	31.7	3.8	
		66.2	48.2	43.8	4.8	39.4	36.5	4.0	36.9	34.8	3.8	34.4	33.1	3.9	
		73.4	50.6	35.9	4.9	41.3	29.9	4.1	38.7	28.5	3.9	36.2	27.1	3.9	
	86.0	60.8	46.6	46.6	4.8	38.1	38.1	4.0	35.7	35.7	3.7	33.3	33.3	3.8	
		66.2	49.6	49.1	4.9	40.5	40.5	4.0	38.0	38.0	3.8	35.4	35.4	3.9	

AFR	Indoor temperature		Outdoor temperature DB (°F)											
			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1619	64.4	73.4	51.1	44.5	4.9	41.7	37.1	4.1	39.1	35.4	3.9	36.5	33.7	3.9
		48.2	30.9	14.6	3.6	25.3	12.1	3.0	23.7	11.6	2.8	22.1	11.0	2.9
		53.6	32.1	9.5	3.7	26.2	7.9	3.1	24.6	7.6	2.9	22.9	7.2	3.0
		59.0	38.7	9.8	4.1	31.6	8.2	3.4	29.6	7.8	3.2	27.6	7.4	3.3
	69.8	53.6	38.5	22.1	4.3	31.4	18.4	3.6	29.5	17.6	3.4	27.5	16.7	3.4
		59.0	39.4	18.1	4.4	32.2	15.1	3.6	30.2	14.4	3.4	28.2	13.7	3.5
		66.2	45.8	14.3	4.7	37.4	11.9	3.9	35.1	11.4	3.7	32.7	10.8	3.8
	75.2	60.8	41.2	22.7	4.4	33.6	18.9	3.6	31.5	18.1	3.4	29.4	17.2	3.5
		66.2	46.8	22.1	4.8	38.2	18.4	4.0	35.8	17.5	3.7	33.4	16.7	3.8
		73.4	45.9	10.4	5.0	37.4	8.6	4.1	35.1	8.3	3.9	32.8	7.8	4.0
	80.6	60.8	43.0	28.4	4.7	35.1	23.6	3.9	32.9	22.6	3.7	30.7	21.5	3.8
		66.2	47.7	28.1	4.8	39.0	23.4	4.0	36.5	22.4	3.8	34.1	21.3	3.9
	84.2	73.4	50.6	19.1	4.9	41.3	15.9	4.1	38.7	15.2	3.9	36.2	14.4	3.9
		66.2	48.7	30.1	4.9	39.8	25.1	4.0	37.3	24.0	3.8	34.8	22.8	3.9
	86.0	60.8	45.2	31.7	4.7	36.9	26.4	3.9	34.6	24.9	3.7	32.3	23.3	3.8
		66.2	49.2	32.2	4.9	40.1	26.8	4.0	37.6	25.6	3.8	35.1	24.3	3.9
		73.4	51.6	26.3	5.0	42.2	21.9	4.1	39.5	21.0	3.9	36.9	19.9	4.0
	89.6	60.8	47.6	34.2	4.8	38.8	28.0	4.0	36.4	26.2	3.8	34.0	24.5	3.9
		66.2	50.6	36.1	4.9	41.3	29.7	4.1	38.7	27.9	3.9	36.2	26.0	3.9
		73.4	51.1	32.1	4.9	41.7	26.7	4.1	39.1	25.5	3.9	36.5	24.3	3.9
1766	64.4	48.2	31.2	10.6	3.6	25.5	8.8	3.0	23.9	8.4	2.8	22.3	8.0	2.9
		53.6	32.4	6.9	3.8	26.5	5.8	3.1	24.8	5.5	3.0	23.2	5.2	3.0
		59.0	39.1	7.1	4.2	31.9	5.9	3.4	29.9	5.7	3.2	27.9	5.4	3.3
	69.8	53.6	38.9	16.1	4.4	31.7	13.4	3.6	29.8	12.8	3.4	27.8	12.2	3.5
		59.0	39.8	13.2	4.5	32.5	11.0	3.7	30.5	10.5	3.5	28.4	10.0	3.6
		66.2	46.3	10.4	4.8	37.8	8.7	4.0	35.4	8.3	3.7	33.1	7.9	3.8
	75.2	60.8	41.6	16.5	4.5	33.9	13.7	3.7	31.8	13.1	3.5	29.7	12.5	3.6
		66.2	47.3	16.0	4.8	38.6	13.3	4.0	36.2	12.8	3.8	33.8	12.1	3.9
		73.4	46.3	7.5	5.0	37.8	6.3	4.2	35.4	6.0	3.9	33.1	5.7	4.0
	80.6	60.8	43.4	20.6	4.7	35.4	17.2	3.9	33.2	16.4	3.7	31.0	15.6	3.8
		66.2	48.2	20.4	4.9	39.4	17.0	4.0	36.9	16.3	3.8	34.4	15.5	3.9
		73.4	51.1	13.9	5.0	41.7	11.5	4.1	39.1	11.0	3.9	36.5	10.5	4.0
	84.2	66.2	49.2	21.9	4.9	40.1	18.2	4.1	37.6	17.4	3.9	35.1	16.6	3.9
		60.8	45.7	23.0	4.8	37.3	19.2	4.0	35.0	18.1	3.7	32.6	16.9	3.8
	86.0	66.2	49.7	23.4	4.9	40.5	19.5	4.1	38.0	18.6	3.9	35.5	17.7	3.9
		73.4	52.1	19.1	5.0	42.6	15.9	4.2	39.9	15.2	3.9	37.2	14.5	4.0
		60.8	48.0	24.9	4.9	39.2	20.3	4.0	36.8	19.1	3.8	34.3	17.8	3.9
	89.6	66.2	51.1	26.2	5.0	41.7	21.6	4.1	39.1	20.3	3.9	36.5	18.9	4.0
		73.4	51.1	23.1	4.9	41.7	19.2	4.1	39.1	18.4	3.9	36.5	17.5	3.9

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD60NK3CO/GUHD60NM3CO Indoor Unit:GFH60K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)															
			64.4			69.8			77			86			95			
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1483	64.4	48.2	26.2	12.1	2.5	28.0	13.7	2.7	32.5	16.9	2.9	33.9	18.6	3.3	35.0	20.2	3.8	
		53.6	27.2	7.9	2.6	29.0	8.9	2.8	33.7	11.0	3.0	35.2	12.1	3.4	36.3	13.2	4.0	
		59.0	32.8	8.1	2.9	35.0	9.2	3.1	40.6	11.3	3.3	42.4	12.5	3.8	43.7	13.5	4.4	
	69.8	53.6	32.6	18.3	3.0	34.8	20.8	3.2	40.5	25.6	3.5	42.2	28.2	3.9	43.5	30.6	4.6	
		59.0	33.4	15.0	3.1	35.6	17.0	3.3	41.4	20.9	3.6	43.2	23.1	4.0	44.5	25.0	4.7	
		66.2	38.8	11.9	3.3	41.4	13.5	3.6	48.2	16.6	3.8	50.2	18.2	4.3	51.8	19.8	5.1	
	75.2	60.8	34.9	18.8	3.1	37.2	21.3	3.3	43.3	26.3	3.5	45.1	28.9	4.0	46.5	31.4	4.7	
		66.2	39.6	18.3	3.3	42.3	20.7	3.6	49.2	25.5	3.9	51.3	28.1	4.4	52.9	30.5	5.1	
		73.4	38.9	8.6	3.5	41.4	9.8	3.7	48.2	12.0	4.0	50.3	13.2	4.5	51.8	14.3	5.3	
	80.6	60.8	36.4	23.5	3.3	38.8	26.7	3.5	45.2	32.8	3.8	47.1	36.1	4.3	48.5	39.2	5.0	
		66.2	40.5	23.3	3.4	43.2	26.4	3.6	50.2	32.5	3.9	52.3	35.8	4.4	53.9	38.9	5.2	
		73.4	42.9	15.8	3.4	45.7	17.9	3.7	53.2	22.1	4.0	55.5	24.3	4.5	57.2	26.4	5.3	
	84.2	66.2	41.3	25.0	3.4	44.0	28.3	3.7	51.2	34.9	3.9	53.4	38.4	4.5	55.0	41.6	5.2	
		86.0	60.8	38.3	26.3	3.3	40.9	29.8	3.6	47.5	36.6	3.8	49.6	40.3	4.3	51.1	43.8	5.1
			66.2	41.7	26.7	3.4	44.4	30.2	3.7	51.7	37.2	3.9	53.9	41.0	4.5	55.6	44.5	5.2
	73.4		43.8	21.8	3.5	46.7	24.8	3.7	54.3	30.5	4.0	56.6	33.6	4.5	58.3	36.4	5.4	
	89.6	60.8	40.3	28.4	3.4	43.0	32.2	3.6	50.0	39.6	3.9	52.1	43.6	4.4	53.7	47.4	5.2	
		66.2	42.9	29.9	3.4	45.7	33.9	3.7	53.2	41.7	4.0	55.5	46.0	4.5	57.2	49.9	5.3	
73.4		47.5	29.2	3.5	50.7	33.1	3.8	58.9	40.7	4.1	61.4	44.8	4.6	63.3	48.6	5.5		
1669	64.4	48.2	27.6	13.3	2.5	29.5	15.1	2.7	34.3	18.6	2.9	35.7	20.5	3.3	36.8	22.2	3.9	
		53.6	28.7	8.7	2.6	30.6	9.8	2.8	35.5	12.1	3.0	37.1	13.3	3.4	38.2	14.5	4.1	
		59.0	34.5	8.9	2.9	36.8	10.1	3.1	42.8	12.5	3.3	44.7	13.7	3.8	46.0	14.9	4.5	
	69.8	53.6	34.4	20.2	3.0	36.7	22.9	3.3	42.6	28.2	3.5	44.5	31.0	4.0	45.8	33.7	4.7	
		59.0	35.2	16.5	3.1	37.5	18.7	3.3	43.6	23.1	3.6	45.5	25.4	4.1	46.9	27.5	4.8	
		66.2	40.9	13.1	3.3	43.7	14.8	3.6	50.8	18.2	3.9	52.9	20.1	4.4	54.6	21.8	5.1	
	75.2	60.8	36.8	20.7	3.1	39.2	23.5	3.3	45.6	28.9	3.6	47.6	31.9	4.1	49.0	34.6	4.8	
		66.2	41.8	20.1	3.4	44.6	22.8	3.6	51.8	28.1	3.9	54.0	30.9	4.4	55.7	33.6	5.2	
		73.4	40.9	9.5	3.5	43.7	10.7	3.8	50.8	13.2	4.1	53.0	14.6	4.6	54.6	15.8	5.4	
	80.6	60.8	38.4	25.9	3.3	40.9	29.4	3.6	47.6	36.1	3.8	49.6	39.8	4.3	51.2	43.2	5.1	
		66.2	42.6	25.7	3.4	45.5	29.1	3.7	52.9	35.8	3.9	55.1	39.5	4.5	56.8	42.8	5.2	
		73.4	45.2	17.4	3.5	48.2	19.8	3.7	56.0	24.3	4.0	58.4	26.8	4.5	60.3	29.0	5.4	
	84.2	66.2	43.5	27.5	3.4	46.4	31.2	3.7	53.9	38.4	4.0	56.2	42.3	4.5	58.0	45.9	5.3	
		86.0	60.8	40.4	28.9	3.3	43.1	32.8	3.6	50.1	40.3	3.9	52.2	44.4	4.4	53.9	48.2	5.1
			66.2	43.9	29.4	3.4	46.8	33.3	3.7	54.5	41.0	4.0	56.8	45.1	4.5	58.5	49.0	5.3
	73.4		46.1	24.1	3.5	49.2	27.3	3.8	57.2	33.6	4.1	59.6	36.9	4.6	61.5	40.1	5.4	
	89.6	60.8	42.5	31.3	3.4	45.3	35.5	3.7	52.7	43.6	3.9	54.9	48.0	4.5	56.6	52.1	5.2	
		66.2	45.2	33.0	3.5	48.2	37.3	3.7	56.0	46.0	4.0	58.4	50.6	4.5	60.3	54.9	5.4	
73.4		47.5	30.5	3.5	50.7	34.5	3.8	58.9	42.5	4.1	61.4	46.8	4.6	63.3	50.8	5.5		
1854	64.4	48.2	28.2	14.6	2.5	30.1	16.6	2.7	35.0	20.4	2.9	36.5	22.4	3.3	37.6	24.4	3.9	
		53.6	29.2	9.5	2.7	31.2	10.8	2.9	36.3	13.3	3.1	37.8	14.6	3.5	39.0	15.9	4.1	
		59.0	35.2	9.8	2.9	37.6	11.1	3.2	43.7	13.7	3.4	45.6	15.1	3.8	47.0	16.4	4.5	
	69.8	53.6	35.1	22.2	3.1	37.4	25.1	3.3	43.5	30.9	3.5	45.4	34.0	4.0	46.8	36.9	4.7	
		59.0	35.9	18.1	3.1	38.3	20.6	3.4	44.5	25.3	3.6	46.5	27.8	4.1	47.9	30.2	4.8	
		66.2	41.8	14.3	3.4	44.5	16.3	3.6	51.8	20.0	3.9	54.0	22.0	4.4	55.7	23.9	5.2	
	75.2	60.8	37.5	22.8	3.1	40.0	25.8	3.4	46.5	31.7	3.6	48.5	34.9	4.1	50.0	37.9	4.8	
		66.2	42.6	22.1	3.4	45.5	25.0	3.7	52.9	30.8	3.9	55.1	33.9	4.5	56.8	36.8	5.2	
		73.4	41.8	10.4	3.5	44.6	11.8	3.8	51.8	14.5	4.1	54.0	16.0	4.6	55.7	17.3	5.5	
	80.6	60.8	39.2	28.4	3.3	41.8	32.2	3.6	48.5	39.6	3.9	50.6	43.6	4.4	52.2	47.4	5.1	
		66.2	43.5	28.2	3.4	46.4	31.9	3.7	53.9	39.3	4.0	56.3	43.3	4.5	58.0	47.0	5.3	
		73.4	46.1	19.1	3.5	49.2	21.7	3.8	57.2	26.7	4.1	59.6	29.4	4.6	61.5	31.9	5.4	
	84.2	66.2	44.4	30.2	3.5	47.3	34.2	3.7	55.0	42.1	4.0	57.4	46.4	4.6	59.2	50.3	5.4	
		86.0	60.8	41.2	31.7	3.4	44.0	36.0	3.6	51.1	44.3	3.9	53.3	48.7	4.4	55.0	52.9	5.2
			66.2	44.8	32.2	3.5	47.8	36.5	3.7	55.6	45.0	4.0	58.0	49.5	4.6	59.7	53.7	5.4
	73.4		47.0	26.4	3.5	50.2	29.9	3.8	58.3	36.8	4.1	60.8	40.5	4.6	62.7	44.0	5.5	
	89.6	60.8	43.3	34.3	3.4	46.2	38.9	3.7	53.7	47.9	4.0	56.1	52.7	4.5	57.8	57.2	5.3	
		66.2	46.1	36.2	3.5	49.2	41.0	3.8	57.2	50.4	4.1	59.6	55.5	4.6	61.5	60.3	5.4	
73.4		47.5	32.8	3.5	50.7	37.1	3.8	58.9	45.7	4.1	61.4	50.3	4.6	63.3	54.6	5.5		

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			64.4			69.8			77			86			95		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2039	64.4	48.2	28.8	10.7	2.6	30.7	12.2	2.8	35.7	15.0	3.0	37.2	16.5	3.4	38.3	25.6	4.0
		53.6	29.8	7.0	2.7	31.8	7.9	2.9	37.0	9.8	3.1	38.6	10.8	3.5	39.8	16.7	4.1
		59.0	35.9	7.2	3.0	38.3	8.2	3.2	44.6	10.1	3.4	46.5	11.1	3.9	47.9	17.2	4.6
	69.8	53.6	35.8	16.3	3.1	38.2	18.5	3.3	44.4	22.7	3.6	46.3	25.0	4.1	47.7	38.8	4.8
		59.0	36.6	13.3	3.2	39.1	15.1	3.4	45.4	18.6	3.7	47.4	20.5	4.1	48.8	31.7	4.9
		66.2	42.6	10.5	3.4	45.4	11.9	3.7	52.8	14.7	3.9	55.1	16.2	4.5	56.8	25.1	5.2
	75.2	60.8	38.3	16.7	3.2	40.8	18.9	3.4	47.5	23.3	3.7	49.5	25.7	4.1	51.0	39.8	4.9
		66.2	43.5	16.2	3.4	46.4	18.4	3.7	53.9	22.6	4.0	56.2	24.9	4.5	58.0	38.7	5.3
		73.4	42.6	7.6	3.6	45.5	8.7	3.9	52.8	10.7	4.1	55.1	11.7	4.7	56.8	18.2	5.5
	80.6	60.8	39.9	20.9	3.4	42.6	23.7	3.6	49.5	29.1	3.9	51.7	32.1	4.4	53.2	49.8	5.2
		66.2	44.4	20.7	3.5	47.3	23.5	3.7	55.0	28.9	4.0	57.4	31.8	4.6	59.2	49.4	5.4
		73.4	47.0	14.0	3.5	50.2	15.9	3.8	58.3	19.6	4.1	60.8	21.6	4.6	62.7	33.5	5.5
	84.2	66.2	45.3	22.2	3.5	48.3	25.1	3.8	56.1	30.9	4.1	58.5	34.1	4.6	60.3	52.9	5.4
		60.8	42.0	23.3	3.4	44.9	26.4	3.7	52.1	32.5	3.9	54.4	35.8	4.5	56.1	55.6	5.2
		66.2	45.7	23.7	3.5	48.8	26.8	3.8	56.7	33.0	4.1	59.1	36.4	4.6	60.9	56.4	5.4
	86.0	73.4	48.0	19.4	3.6	51.2	22.0	3.9	59.5	27.0	4.1	62.1	29.8	4.7	64.0	46.2	5.5
		60.8	44.2	25.2	3.5	47.2	28.6	3.7	54.8	35.2	4.0	57.2	38.7	4.5	59.0	60.1	5.4
		66.2	47.0	26.6	3.5	50.2	30.1	3.8	58.3	37.0	4.1	60.8	40.8	4.6	62.7	63.3	5.5
89.6	73.4	47.5	23.6	3.5	50.7	26.7	3.8	58.9	32.9	4.1	61.4	36.2	4.6	63.3	56.3	5.5	
	48.2	29.0	7.8	2.6	31.0	8.8	2.8	36.0	10.9	3.0	37.6	12.0	3.4	38.7	25.8	4.0	
	53.6	30.1	5.1	2.7	32.1	5.8	2.9	37.4	7.1	3.1	39.0	7.8	3.6	40.2	16.9	4.2	
2225	64.4	59.0	36.3	5.2	3.0	38.7	5.9	3.2	45.0	7.3	3.4	46.9	8.1	3.9	48.4	17.4	4.6
		53.6	36.1	11.8	3.1	38.5	13.4	3.4	44.8	16.5	3.6	46.7	18.2	4.1	48.2	39.2	4.8
		59.0	37.0	9.7	3.2	39.5	11.0	3.4	45.9	13.5	3.7	47.8	14.9	4.2	49.3	32.1	4.9
	69.8	66.2	43.0	7.7	3.4	45.9	8.7	3.7	53.3	10.7	4.0	55.6	11.8	4.5	57.4	25.4	5.3
		60.8	38.6	12.2	3.2	41.2	13.8	3.4	47.9	16.9	3.7	50.0	18.7	4.2	51.5	40.2	4.9
		66.2	43.9	11.8	3.5	46.8	13.4	3.7	54.5	16.5	4.0	56.8	18.1	4.5	58.5	39.1	5.4
	75.2	73.4	43.0	5.6	3.6	45.9	6.3	3.9	53.4	7.7	4.2	55.7	8.5	4.7	57.4	18.4	5.6
		60.8	40.3	15.2	3.4	43.0	17.2	3.7	50.0	21.2	3.9	52.2	23.3	4.5	53.8	50.2	5.2
		66.2	44.8	15.1	3.5	47.8	17.1	3.8	55.6	21.0	4.1	58.0	23.1	4.6	59.7	49.8	5.4
	80.6	73.4	47.5	10.2	3.6	50.7	11.6	3.9	58.9	14.2	4.1	61.4	15.7	4.7	63.3	33.8	5.5
		66.2	45.7	16.1	3.5	48.8	18.3	3.8	56.7	22.5	4.1	59.1	24.8	4.6	60.9	53.4	5.5
		60.8	42.5	16.9	3.4	45.3	19.2	3.7	52.7	23.6	4.0	54.9	26.0	4.5	56.6	56.1	5.3
	84.2	66.2	46.2	17.2	3.5	49.2	19.5	3.8	57.2	24.0	4.1	59.7	26.4	4.6	61.5	57.0	5.5
		73.4	48.5	14.1	3.6	51.7	16.0	3.9	60.1	19.7	4.2	62.7	21.6	4.7	64.6	46.7	5.6
		60.8	44.6	18.3	3.5	47.6	20.8	3.8	55.4	25.6	4.1	57.7	28.2	4.6	59.5	60.7	5.4
	89.6	66.2	47.5	19.3	3.6	50.7	21.9	3.9	58.9	26.9	4.1	61.4	29.7	4.7	63.3	63.9	5.5
		73.4	47.5	17.0	3.5	50.7	19.3	3.8	58.9	23.7	4.1	61.4	26.1	4.6	63.3	56.3	5.5

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°F)											
			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1483	64.4	48.2	34.3	19.9	4.2	28.0	16.6	3.5	26.2	15.9	3.3	24.5	15.1	3.3
		53.6	35.5	13.0	4.4	29.0	10.8	3.6	27.2	10.4	3.4	25.4	9.9	3.5
		59.0	42.8	13.4	4.8	35.0	11.2	4.0	32.8	10.7	3.8	30.6	10.1	3.8
	69.8	53.6	42.6	30.3	5.0	34.8	25.2	4.2	32.6	24.1	3.9	30.5	22.9	4.0
		59.0	43.6	24.8	5.2	35.6	20.6	4.3	33.4	19.7	4.0	31.2	18.7	4.1
		66.2	50.8	19.6	5.5	41.4	16.3	4.6	38.8	15.6	4.3	36.3	14.8	4.4
	75.2	60.8	45.6	31.1	5.2	37.2	25.9	4.3	34.9	24.7	4.0	32.6	23.5	4.1
		66.2	51.8	30.2	5.6	42.3	25.1	4.6	39.6	24.0	4.4	37.0	22.8	4.5
		73.4	50.8	14.2	5.8	41.4	11.8	4.8	38.9	11.3	4.5	36.3	10.7	4.7
	80.6	60.8	47.6	38.8	5.5	38.8	32.3	4.5	36.4	30.9	4.3	34.0	29.4	4.4
		66.2	52.9	38.5	5.7	43.2	32.0	4.7	40.5	30.6	4.4	37.8	29.1	4.5
		73.4	56.0	26.1	5.8	45.7	21.7	4.8	42.9	20.8	4.5	40.0	19.8	4.6
	84.2	66.2	53.9	41.2	5.7	44.0	34.3	4.7	41.3	32.8	4.5	38.5	31.2	4.6
		60.8	50.1	43.3	5.5	40.9	36.1	4.6	38.3	34.1	4.3	35.8	31.8	4.4
		66.2	54.5	44.0	5.7	44.4	36.6	4.7	41.7	35.0	4.5	38.9	33.3	4.6
	86.0	73.4	57.2	36.0	5.8	46.7	30.0	4.8	43.8	28.7	4.5	40.8	27.3	4.7
		60.8	52.7	46.9	5.7	43.0	38.3	4.7	40.3	35.9	4.4	37.6	33.5	4.5
		66.2	56.0	49.4	5.8	45.7	40.7	4.8	42.9	38.2	4.5	40.0	35.6	4.6
89.6	73.4	62.1	48.1	6.0	50.7	40.1	4.9	47.5	38.3	4.6	44.3	36.4	4.8	
	64.4	48.2	36.1	4.2	29.5	18.3	3.5	27.6	17.5	3.3	25.8	16.6	3.4	
	53.6	37.5	14.3	4.4	30.6	11.9	3.7	28.7	11.4	3.4	26.8	10.8	3.5	
1669	64.4	48.2	36.1	14.8	4.9	36.8	12.3	4.0	34.5	11.7	3.8	32.2	11.2	3.9
		59.0	44.9	33.3	5.1	36.7	27.7	4.2	34.4	26.5	4.0	32.1	25.2	4.1
		53.6	45.1	14.8	4.9	36.8	12.3	4.0	34.5	11.7	3.8	32.2	11.2	3.9
	69.8	59.0	46.0	27.3	5.2	37.5	22.7	4.3	35.2	21.7	4.1	32.9	20.6	4.2
		66.2	53.5	21.6	5.6	43.7	18.0	4.6	40.9	17.2	4.4	38.2	16.3	4.5
		60.8	48.0	34.2	5.2	39.2	28.5	4.3	36.8	27.2	4.1	34.3	25.9	4.2
	75.2	66.2	54.6	33.2	5.7	44.6	27.7	4.7	41.8	26.4	4.4	39.0	25.1	4.5
		73.4	53.5	15.6	5.9	43.7	13.0	4.9	40.9	12.4	4.6	38.2	11.8	4.7
		60.8	50.1	42.7	5.5	40.9	35.6	4.6	38.4	34.0	4.3	35.8	32.3	4.4
	80.6	66.2	55.7	42.4	5.7	45.5	35.3	4.7	42.6	33.7	4.5	39.8	32.1	4.6
		73.4	59.0	28.8	5.8	48.2	23.9	4.8	45.2	22.9	4.5	42.2	21.8	4.7
		66.2	56.8	45.4	5.8	46.4	37.8	4.8	43.5	36.1	4.5	40.6	34.3	4.6
	86.0	60.8	52.8	47.7	5.6	43.1	39.7	4.6	40.4	37.6	4.4	37.7	35.1	4.5
		66.2	57.4	48.5	5.8	46.8	40.3	4.8	43.9	38.6	4.5	41.0	36.7	4.6
		73.4	60.2	39.7	5.9	49.2	33.0	4.9	46.1	31.6	4.6	43.0	30.0	4.7
	89.6	60.8	55.5	51.6	5.7	45.3	42.1	4.7	42.5	39.5	4.5	39.6	36.9	4.6
		66.2	59.0	54.4	5.8	48.2	44.8	4.8	45.2	42.0	4.5	42.2	39.2	4.7
		73.4	62.1	50.3	6.0	50.7	41.9	4.9	47.5	40.0	4.6	44.3	38.0	4.8
1854	64.4	48.2	36.8	24.1	4.3	30.1	20.1	3.5	28.2	19.2	3.3	26.3	18.2	3.4
		53.6	38.2	15.7	4.5	31.2	13.1	3.7	29.2	12.5	3.5	27.3	11.9	3.6
		59.0	46.0	16.2	4.9	37.6	13.5	4.1	35.2	12.9	3.8	32.9	12.3	3.9
	69.8	53.6	45.8	36.6	5.2	37.4	30.4	4.3	35.1	29.1	4.0	32.7	27.7	4.1
		59.0	46.9	29.9	5.3	38.3	24.9	4.3	35.9	23.8	4.1	33.5	22.6	4.2
		66.2	54.6	23.7	5.7	44.5	19.7	4.7	41.8	18.8	4.4	39.0	17.9	4.5
	75.2	60.8	49.0	37.5	5.3	40.0	31.3	4.3	37.5	29.9	4.1	35.0	28.4	4.2
		66.2	55.7	36.5	5.7	45.5	30.4	4.7	42.6	29.0	4.5	39.8	27.6	4.6
		73.4	54.6	17.2	5.9	44.6	14.3	4.9	41.8	13.6	4.6	39.0	13.0	4.7
	80.6	60.8	51.2	46.9	5.6	41.8	39.0	4.6	39.2	37.3	4.4	36.5	35.5	4.5
		66.2	56.8	46.5	5.8	46.4	38.7	4.8	43.5	37.0	4.5	40.6	35.2	4.6
		73.4	60.3	31.5	5.9	49.2	26.3	4.9	46.1	25.1	4.6	43.0	23.9	4.7
	84.2	66.2	58.0	49.8	5.8	47.3	41.5	4.8	44.4	39.6	4.6	41.4	37.7	4.7
		60.8	53.9	52.3	5.7	44.0	43.6	4.7	41.2	41.2	4.4	38.5	38.5	4.5
		66.2	58.5	53.2	5.8	47.8	44.3	4.8	44.8	42.3	4.6	41.8	40.2	4.7
	86.0	73.4	61.5	43.5	6.0	50.2	36.3	4.9	47.0	34.6	4.6	43.9	33.0	4.8
		60.8	56.6	56.6	5.8	46.2	46.2	4.8	43.3	43.3	4.5	40.5	40.5	4.6
		66.2	60.3	59.6	5.9	49.2	49.2	4.9	46.1	46.1	4.6	43.0	43.0	4.7
89.6	73.4	62.1	54.1	6.0	50.7	45.0	4.9	47.5	43.0	4.6	44.3	40.9	4.8	

AFR	Indoor temperature		Outdoor temperature DB (°F)											
			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2039	64.4	48.2	37.6	17.7	4.3	30.7	14.7	3.6	28.8	14.1	3.4	26.8	13.4	3.4
		53.6	39.0	11.6	4.5	31.8	9.6	3.7	29.8	9.2	3.5	27.8	8.7	3.6
		59.0	47.0	11.9	5.0	38.3	9.9	4.1	35.9	9.5	3.9	33.5	9.0	4.0
	69.8	53.6	46.8	26.9	5.2	38.2	22.4	4.3	35.8	21.4	4.1	33.4	20.3	4.2
		59.0	47.9	22.0	5.3	39.1	18.3	4.4	36.6	17.5	4.1	34.2	16.6	4.2
		66.2	55.7	17.4	5.7	45.4	14.5	4.7	42.6	13.8	4.5	39.8	13.1	4.6
	75.2	60.8	50.0	27.6	5.3	40.8	23.0	4.4	38.3	21.9	4.1	35.7	20.9	4.2
		66.2	56.8	26.8	5.8	46.4	22.3	4.8	43.5	21.3	4.5	40.6	20.3	4.6
		73.4	55.7	12.6	6.0	45.5	10.5	5.0	42.6	10.0	4.7	39.8	9.5	4.8
	80.6	60.8	52.2	34.4	5.7	42.6	28.7	4.7	39.9	27.4	4.4	37.3	26.1	4.5
		66.2	58.0	34.2	5.8	47.3	28.4	4.8	44.4	27.2	4.6	41.4	25.8	4.7
		73.4	61.5	23.2	6.0	50.2	19.3	4.9	47.0	18.4	4.6	43.9	17.5	4.8
	84.2	66.2	59.1	36.6	5.9	48.3	30.5	4.9	45.3	29.1	4.6	42.2	27.7	4.7
		60.8	54.9	38.4	5.7	44.9	32.0	4.7	42.0	30.3	4.5	39.2	28.3	4.6
		66.2	59.7	39.0	5.9	48.8	32.5	4.9	45.7	31.1	4.6	42.7	29.5	4.7
	86.0	73.4	62.7	32.0	6.0	51.2	26.6	5.0	48.0	25.4	4.7	44.8	24.2	4.8
		60.8	57.8	41.6	5.8	47.2	34.0	4.8	44.2	31.8	4.5	41.3	29.7	4.7
		66.2	61.5	43.8	6.0	50.2	36.1	4.9	47.0	33.9	4.6	43.9	31.6	4.8
89.6	73.4	62.1	38.9	6.0	50.7	32.4	4.9	47.5	31.0	4.6	44.3	29.5	4.8	
	60.8	57.8	41.6	5.8	47.2	34.0	4.8	44.2	31.8	4.5	41.3	29.7	4.7	
	66.2	61.5	43.8	6.0	50.2	36.1	4.9	47.0	33.9	4.6	43.9	31.6	4.8	
2225	64.4	48.2	37.9	12.9	4.4	31.0	10.7	3.6	29.0	10.2	3.4	27.1	9.7	3.5
		53.6	39.4	8.4	4.6	32.1	7.0	3.8	30.1	6.7	3.6	28.1	6.4	3.6
		59.0	47.4	8.6	5.0	38.7	7.2	4.1	36.3	6.9	3.9	33.9	6.5	4.0
	69.8	53.6	47.2	19.5	5.3	38.5	16.3	4.3	36.1	15.5	4.1	33.7	14.8	4.2
		59.0	48.3	16.0	5.4	39.5	13.3	4.4	37.0	12.7	4.2	34.5	12.1	4.3
		66.2	56.2	12.6	5.8	45.9	10.5	4.8	43.0	10.1	4.5	40.1	9.6	4.6
	75.2	60.8	50.5	20.0	5.4	41.2	16.7	4.4	38.6	15.9	4.2	36.1	15.2	4.3
		66.2	57.4	19.5	5.8	46.8	16.2	4.8	43.9	15.5	4.5	41.0	14.7	4.7
		73.4	56.2	9.2	6.1	45.9	7.6	5.0	43.0	7.3	4.7	40.2	6.9	4.8
	80.6	60.8	52.7	25.0	5.7	43.0	20.8	4.7	40.3	19.9	4.5	37.6	18.9	4.6
		66.2	58.5	24.8	5.9	47.8	20.7	4.9	44.8	19.8	4.6	41.8	18.8	4.7
		73.4	62.1	16.8	6.0	50.7	14.0	5.0	47.5	13.4	4.7	44.3	12.7	4.8
	84.2	66.2	59.7	26.6	6.0	48.8	22.1	4.9	45.7	21.2	4.6	42.7	20.1	4.8
		60.8	55.5	27.9	5.8	45.3	23.3	4.8	42.5	22.0	4.5	39.6	20.5	4.6
		66.2	60.3	28.4	6.0	49.2	23.6	4.9	46.2	22.6	4.6	43.1	21.5	4.8
	86.0	73.4	63.3	23.3	6.1	51.7	19.4	5.0	48.5	18.5	4.7	45.2	17.6	4.8
		60.8	58.3	30.2	5.9	47.6	24.7	4.9	44.6	23.1	4.6	41.7	21.6	4.7
		66.2	62.1	31.8	6.0	50.7	26.3	5.0	47.5	24.6	4.7	44.3	23.0	4.8
89.6	73.4	62.1	28.0	6.0	50.7	23.3	4.9	47.5	22.3	4.6	44.3	21.2	4.8	

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4.5.2 GUHD*N*3CO with GKH*K3CI

Outdoor Unit:GUHD12NK3CO Indoor Unit:GKH12K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)															
				64.4			69.8			77			86			95			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	324	64.4	48.2	5.6	2.7	0.5	6.0	3.1	0.5	7.0	3.8	0.6	7.3	4.2	0.6	7.5	4.6	0.8	
			53.6	5.8	1.8	0.5	6.2	2.0	0.6	7.3	2.5	0.6	7.6	2.7	0.7	7.8	3.0	0.8	
			59.0	7.0	1.8	0.6	7.5	2.1	0.6	8.7	2.6	0.7	9.1	2.8	0.7	9.4	3.1	0.9	
		69.8	53.6	7.0	4.2	0.6	7.5	4.7	0.6	8.7	5.8	0.7	9.1	6.4	0.8	9.4	6.9	0.9	
			59.0	7.2	3.4	0.6	7.7	3.9	0.7	8.9	4.7	0.7	9.3	5.2	0.8	9.6	5.7	0.9	
			66.2	8.4	2.7	0.7	8.9	3.1	0.7	10.4	3.8	0.8	10.8	4.1	0.9	11.1	4.5	1.0	
		75.2	60.8	7.5	4.3	0.6	8.0	4.8	0.7	9.3	6.0	0.7	9.7	6.6	0.8	10.0	7.1	0.9	
			66.2	8.5	4.1	0.7	9.1	4.7	0.7	10.6	5.8	0.8	11.0	6.4	0.9	11.4	6.9	1.0	
			73.4	8.4	2.0	0.7	8.9	2.2	0.7	10.4	2.7	0.8	10.8	3.0	0.9	11.1	3.3	1.1	
		80.6	60.8	7.8	5.3	0.6	8.4	6.0	0.7	9.7	7.4	0.7	10.1	8.2	0.8	10.4	8.9	1.0	
			66.2	8.7	5.3	0.7	9.3	6.0	0.7	10.8	7.4	0.8	11.3	8.1	0.9	11.6	8.8	1.0	
			73.4	9.2	3.6	0.7	9.8	4.1	0.7	11.4	5.0	0.8	11.9	5.5	0.9	12.3	6.0	1.1	
		84.2	66.2	8.9	5.7	0.7	9.5	6.4	0.7	11.0	7.9	0.8	11.5	8.7	0.9	11.8	9.4	1.0	
			60.8	8.2	6.0	0.7	8.8	6.7	0.7	10.2	8.3	0.8	10.7	9.1	0.9	11.0	9.9	1.0	
			66.2	9.0	6.0	0.7	9.6	6.9	0.7	11.1	8.4	0.8	11.6	9.3	0.9	11.9	10.1	1.0	
		86.0	73.4	9.4	5.0	0.7	10.0	5.6	0.7	11.7	6.9	0.8	12.2	7.6	0.9	12.5	8.3	1.1	
			60.8	8.7	6.4	0.7	9.2	7.3	0.7	10.7	9.0	0.8	11.2	9.9	0.9	11.6	10.7	1.0	
			66.2	9.2	6.8	0.7	9.8	7.7	0.7	11.4	9.5	0.8	11.9	10.4	0.9	12.3	11.3	1.1	
		89.6	73.4	9.5	6.1	0.7	10.1	7.0	0.7	11.8	8.6	0.8	12.3	9.4	0.9	12.7	10.2	1.1	
			64.4	48.2	5.5	2.5	0.5	5.9	2.8	0.5	6.9	3.5	0.6	7.1	3.8	0.6	7.4	4.2	0.8
				53.6	5.7	1.6	0.5	6.1	1.8	0.6	7.1	2.3	0.6	7.4	2.5	0.7	7.6	2.7	0.8
		59.0		6.9	1.7	0.6	7.4	1.9	0.6	8.6	2.3	0.7	8.9	2.6	0.7	9.2	2.8	0.9	
		69.8	53.6	6.9	3.8	0.6	7.3	4.3	0.6	8.5	5.3	0.7	8.9	5.8	0.8	9.2	6.3	0.9	
			59.0	7.0	3.1	0.6	7.5	3.5	0.7	8.7	4.3	0.7	9.1	4.8	0.8	9.4	5.2	0.9	
66.2	8.2		2.5	0.6	8.7	2.8	0.7	10.2	3.4	0.7	10.6	3.8	0.8	10.9	4.1	1.0			
75.2	60.8	7.4	3.9	0.6	7.8	4.4	0.7	9.1	5.4	0.7	9.5	6.0	0.8	9.8	6.5	0.9			
	66.2	8.4	3.8	0.7	8.9	4.3	0.7	10.4	5.3	0.8	10.8	5.8	0.9	11.1	6.3	1.0			
	73.4	8.2	1.8	0.7	8.7	2.0	0.7	10.2	2.5	0.8	10.6	2.7	0.9	10.9	3.0	1.0			
80.6	60.8	7.7	4.9	0.6	8.2	5.5	0.7	9.5	6.8	0.7	9.9	7.5	0.8	10.2	8.1	1.0			
	66.2	8.5	4.8	0.7	9.1	5.5	0.7	10.6	6.7	0.8	11.0	7.4	0.9	11.4	8.0	1.0			
	73.4	9.0	3.3	0.7	9.6	3.7	0.7	11.2	4.6	0.8	11.7	5.0	0.9	12.1	5.5	1.0			
84.2	66.2	8.7	5.2	0.7	9.3	5.9	0.7	10.8	7.2	0.8	11.2	7.9	0.9	11.6	8.6	1.0			
	60.8	8.1	5.4	0.6	8.6	6.1	0.7	10.0	7.6	0.7	10.4	8.3	0.8	10.8	9.0	1.0			
	66.2	8.8	5.5	0.7	9.4	6.2	0.7	10.9	7.7	0.8	11.4	8.5	0.9	11.7	9.2	1.0			
86.0	73.4	9.2	4.5	0.7	9.8	5.1	0.7	11.4	6.3	0.8	11.9	6.9	0.9	12.3	7.5	1.1			
	60.8	8.5	5.9	0.7	9.1	6.7	0.7	10.5	8.2	0.8	11.0	9.0	0.9	11.3	9.8	1.0			
	66.2	9.0	6.2	0.7	9.6	7.0	0.7	11.2	8.6	0.8	11.7	9.5	0.9	12.1	10.3	1.0			
89.6	73.4	9.5	5.7	0.7	10.1	6.5	0.7	11.8	8.0	0.8	12.3	8.8	0.9	12.7	9.5	1.1			
	64.4	48.2	5.2	2.3	0.5	5.6	2.6	0.5	6.5	3.2	0.6	6.8	3.5	0.6	7.0	3.8	0.7		
		53.6	5.4	1.5	0.5	5.8	1.7	0.5	6.7	2.1	0.6	7.0	2.3	0.7	7.3	2.5	0.8		
59.0		6.6	1.5	0.6	7.0	1.7	0.6	8.1	2.1	0.6	8.5	2.3	0.7	8.7	2.5	0.9			
69.8	53.6	6.5	3.4	0.6	7.0	3.9	0.6	8.1	4.8	0.7	8.4	5.3	0.8	8.7	5.7	0.9			
	59.0	6.7	2.8	0.6	7.1	3.2	0.6	8.3	3.9	0.7	8.6	4.3	0.8	8.9	4.7	0.9			
	66.2	7.8	2.2	0.6	8.3	2.5	0.7	9.6	3.1	0.7	10.0	3.4	0.8	10.4	3.7	1.0			
75.2	60.8	7.0	3.5	0.6	7.4	4.0	0.6	8.7	4.9	0.7	9.0	5.4	0.8	9.3	5.9	0.9			
	66.2	7.9	3.4	0.6	8.5	3.9	0.7	9.8	4.8	0.7	10.3	5.3	0.8	10.6	5.7	1.0			
	73.4	7.8	1.6	0.7	8.3	1.8	0.7	9.6	2.3	0.8	10.1	2.5	0.9	10.4	2.7	1.0			
80.6	60.8	7.3	4.4	0.6	7.8	5.0	0.7	9.0	6.2	0.7	9.4	6.8	0.8	9.7	7.4	1.0			
	66.2	8.1	4.4	0.7	8.6	5.0	0.7	10.0	6.1	0.8	10.5	6.7	0.9	10.8	7.3	1.0			
	73.4	8.6	3.0	0.7	9.1	3.4	0.7	10.6	4.1	0.8	11.1	4.6	0.9	11.4	5.0	1.0			
84.2	66.2	8.3	4.7	0.7	8.8	5.3	0.7	10.2	6.5	0.8	10.7	7.2	0.9	11.0	7.8	1.0			
	60.8	7.7	4.9	0.6	8.2	5.6	0.7	9.5	6.9	0.7	9.9	7.6	0.8	10.2	8.2	1.0			
	66.2	8.3	5.0	0.7	8.9	5.7	0.7	10.3	7.0	0.8	10.8	7.7	0.9	11.1	8.3	1.0			
86.0	73.4	8.8	4.1	0.7	9.3	4.6	0.7	10.9	5.7	0.8	11.3	6.3	0.9	11.7	6.8	1.0			
	60.8	8.1	5.3	0.7	8.6	6.0	0.7	10.0	7.4	0.8	10.4	8.2	0.9	10.7	8.9	1.0			
	66.2	8.6	5.6	0.7	9.1	6.4	0.7	10.6	7.8	0.8	11.1	8.6	0.9	11.4	9.4	1.0			
89.6	73.4	9.5	5.5	0.7	10.1	6.2	0.7	11.8	7.6	0.8	12.3	8.4	0.9	12.7	9.1	1.1			

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)													
				102.2			109.4			114.8			118.4				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	324	64.4	48.2	7.4	4.5	0.8	6.0	3.8	0.7	5.6	3.6	0.6	5.3	3.4	0.7		
			53.6	7.6	3.0	0.9	6.2	2.5	0.7	5.8	2.3	0.7	5.5	2.2	0.7		
			59.0	9.2	3.0	1.0	7.5	2.5	0.8	7.0	2.4	0.7	6.6	2.3	0.8		
		69.8	53.6	9.2	6.9	1.0	7.5	5.7	0.8	7.0	5.5	0.8	6.5	5.2	0.8		
			59.0	9.4	5.6	1.0	7.7	4.7	0.8	7.2	4.5	0.8	6.7	4.2	0.8		
			66.2	10.9	4.4	1.1	8.9	3.7	0.9	8.4	3.5	0.9	7.8	3.4	0.9		
		75.2	60.8	9.8	7.0	1.0	8.0	5.9	0.8	7.5	5.6	0.8	7.0	5.3	0.8		
			66.2	11.1	6.8	1.1	9.1	5.7	0.9	8.5	5.4	0.9	8.0	5.2	0.9		
			73.4	10.9	3.2	1.2	8.9	2.7	1.0	8.4	2.6	0.9	7.8	2.4	0.9		
		80.6	60.8	10.2	8.8	1.1	8.4	7.3	0.9	7.8	7.0	0.8	7.3	6.7	0.9		
			66.2	11.4	8.7	1.1	9.3	7.3	0.9	8.7	6.9	0.9	8.1	6.6	0.9		
			73.4	12.1	5.9	1.1	9.8	4.9	0.9	9.2	4.7	0.9	8.6	4.5	0.9		
		84.2	66.2	11.6	9.3	1.1	9.5	7.8	0.9	8.9	7.4	0.9	8.3	7.1	0.9		
			60.8	10.8	9.8	1.1	8.8	8.2	0.9	8.2	7.8	0.9	7.7	7.4	0.9		
			66.2	11.7	10.0	1.1	9.6	8.3	0.9	9.0	7.9	0.9	8.4	7.5	0.9		
		86.0	73.4	12.3	8.2	1.2	10.0	6.8	1.0	9.4	6.5	0.9	8.8	6.2	0.9		
			60.8	11.3	10.6	1.1	9.2	8.8	0.9	8.7	8.5	0.9	8.1	8.0	0.9		
			66.2	12.1	11.2	1.1	9.8	9.3	0.9	9.2	8.9	0.9	8.6	8.5	0.9		
		89.6	73.4	12.4	10.1	1.2	10.1	8.4	1.0	9.5	8.1	0.9	8.9	7.7	0.9		
			64.4	48.2	7.2	4.1	0.8	5.9	3.4	0.7	5.5	3.3	0.6	5.2	3.1	0.7	
			53.6	7.5	2.7	0.9	6.1	2.2	0.7	5.7	2.1	0.7	5.4	2.0	0.7		
		Medium	265	64.4	59.0	9.0	2.8	0.9	7.4	2.3	0.8	6.9	2.2	0.7	6.4	2.1	0.8
					53.6	9.0	6.3	1.0	7.3	5.2	0.8	6.9	5.0	0.8	6.4	4.7	0.8
					59.0	9.2	5.1	1.0	7.5	4.3	0.8	7.0	4.1	0.8	6.6	3.9	0.8
69.8	66.2			10.7	4.0	1.1	8.7	3.4	0.9	8.2	3.2	0.8	7.6	3.1	0.9		
	60.8			9.6	6.4	1.0	7.8	5.3	0.8	7.4	5.1	0.8	6.9	4.9	0.8		
	66.2			10.9	6.2	1.1	8.9	5.2	0.9	8.4	5.0	0.9	7.8	4.7	0.9		
75.2	73.4			10.7	2.9	1.1	8.7	2.4	0.9	8.2	2.3	0.9	7.6	2.2	0.9		
	60.8			10.0	8.0	1.1	8.2	6.7	0.9	7.7	6.4	0.8	7.2	6.1	0.9		
	66.2			11.1	8.0	1.1	9.1	6.6	0.9	8.5	6.3	0.9	8.0	6.0	0.9		
80.6	73.4			11.8	5.4	1.1	9.6	4.5	0.9	9.0	4.3	0.9	8.4	4.1	0.9		
	66.2			11.4	8.5	1.1	9.3	7.1	0.9	8.7	6.8	0.9	8.1	6.4	0.9		
	60.8			10.6	9.0	1.1	8.6	7.5	0.9	8.1	7.1	0.8	7.5	6.8	0.9		
84.2	66.2			11.5	9.1	1.1	9.4	7.6	0.9	8.8	7.2	0.9	8.2	6.9	0.9		
	73.4			12.0	7.4	1.1	9.8	6.2	0.9	9.2	5.9	0.9	8.6	5.6	0.9		
	60.8			11.1	9.7	1.1	9.1	8.1	0.9	8.5	7.7	0.9	7.9	7.3	0.9		
86.0	66.2			11.8	10.2	1.1	9.6	8.5	0.9	9.0	8.1	0.9	8.4	7.7	0.9		
	73.4			12.4	9.4	1.2	10.1	7.9	1.0	9.5	7.5	0.9	8.9	7.1	0.9		
	64.4			48.2	6.9	3.7	0.8	5.6	3.1	0.7	5.2	3.0	0.6	4.9	2.8	0.6	
Low	206			64.4	53.6	7.1	2.4	0.9	5.8	2.0	0.7	5.4	1.9	0.7	5.1	1.8	0.7
					59.0	8.6	2.5	0.9	7.0	2.1	0.8	6.6	2.0	0.7	6.1	1.9	0.7
					53.6	8.5	5.7	1.0	7.0	4.7	0.8	6.5	4.5	0.8	6.1	4.3	0.8
				69.8	59.0	8.7	4.6	1.0	7.1	3.9	0.8	6.7	3.7	0.8	6.2	3.5	0.8
					66.2	10.2	3.7	1.1	8.3	3.1	0.9	7.8	2.9	0.8	7.3	2.8	0.9
					60.8	9.1	5.8	1.0	7.4	4.9	0.8	7.0	4.6	0.8	6.5	4.4	0.8
		75.2	66.2	10.4	5.7	1.1	8.5	4.7	0.9	7.9	4.5	0.8	7.4	4.3	0.9		
			73.4	10.2	2.7	1.1	8.3	2.2	0.9	7.8	2.1	0.9	7.3	2.0	0.9		
			60.8	9.5	7.3	1.1	7.8	6.1	0.9	7.3	5.8	0.8	6.8	5.5	0.9		
		80.6	66.2	10.6	7.2	1.1	8.6	6.0	0.9	8.1	5.7	0.9	7.6	5.5	0.9		
			73.4	11.2	4.9	1.1	9.1	4.1	0.9	8.6	3.9	0.9	8.0	3.7	0.9		
			66.2	10.8	7.7	1.1	8.8	6.4	0.9	8.3	6.2	0.9	7.7	5.9	0.9		
		84.2	60.8	10.0	8.1	1.1	8.2	6.8	0.9	7.7	6.5	0.8	7.2	6.2	0.9		
			66.2	10.9	8.3	1.1	8.9	6.9	0.9	8.3	6.6	0.9	7.8	6.2	0.9		
			73.4	11.4	6.8	1.1	9.3	5.6	0.9	8.8	5.4	0.9	8.2	5.1	0.9		
		86.0	60.8	10.5	8.8	1.1	8.6	7.3	0.9	8.1	7.0	0.9	7.5	6.7	0.9		
			66.2	11.2	9.3	1.1	9.1	7.7	0.9	8.6	7.4	0.9	8.0	7.0	0.9		
			73.4	12.4	9.0	1.2	10.1	7.5	1.0	9.5	7.2	0.9	8.9	6.8	0.9		

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Outdoor Unit:GUHD18NK3CO Indoor Unit:GKH18K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)															
				64.4			69.8			77			86			95			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	695	64.4	48.2	8.8	4.3	0.8	9.4	4.8	0.9	10.9	6.0	0.9	11.4	6.6	1.0	11.7	7.1	1.2	
			53.6	9.1	2.8	0.8	9.7	3.2	0.9	11.3	3.9	1.0	11.8	4.3	1.1	12.2	4.6	1.3	
			59.0	11.0	2.9	0.9	11.7	3.3	1.0	13.6	4.0	1.1	14.2	4.4	1.2	14.6	4.8	1.4	
		69.8	53.6	10.9	6.5	1.0	11.7	7.3	1.0	13.6	9.0	1.1	14.1	10.0	1.3	14.6	10.8	1.5	
			59.0	11.2	5.3	1.0	11.9	6.0	1.1	13.9	7.4	1.1	14.5	8.1	1.3	14.9	8.8	1.5	
			66.2	13.0	4.2	1.1	13.9	4.8	1.1	16.1	5.9	1.2	16.8	6.4	1.4	17.4	7.0	1.6	
		75.2	60.8	11.7	6.7	1.0	12.5	7.5	1.1	14.5	9.3	1.1	15.1	10.2	1.3	15.6	11.1	1.5	
			66.2	13.3	6.5	1.1	14.2	7.3	1.1	16.5	9.0	1.2	17.2	9.9	1.4	17.7	10.8	1.6	
			73.4	13.0	3.0	1.1	13.9	3.4	1.2	16.2	4.2	1.3	16.8	4.7	1.4	17.4	5.1	1.7	
		80.6	60.8	12.2	8.3	1.0	13.0	9.4	1.1	15.1	11.6	1.2	15.8	12.8	1.4	16.3	13.9	1.6	
			66.2	13.6	8.2	1.1	14.5	9.3	1.2	16.8	11.5	1.2	17.5	12.7	1.4	18.1	13.7	1.7	
			73.4	14.4	5.6	1.1	15.3	6.3	1.2	17.8	7.8	1.3	18.6	8.6	1.4	19.2	9.3	1.7	
	84.2	66.2	13.8	8.8	1.1	14.8	10.0	1.2	17.2	12.3	1.2	17.9	13.6	1.4	18.4	14.7	1.7		
		60.8	12.9	9.3	1.1	13.7	10.5	1.1	15.9	12.9	1.2	16.6	14.3	1.4	17.1	15.5	1.6		
		66.2	14.0	9.4	1.1	14.9	10.7	1.2	17.3	13.2	1.2	18.1	14.5	1.4	18.6	15.7	1.7		
	86.0	73.4	14.7	7.7	1.1	15.6	8.8	1.2	18.2	10.8	1.3	19.0	11.9	1.4	19.6	12.9	1.7		
		60.8	13.5	10.0	1.1	14.4	11.4	1.2	16.8	14.0	1.2	17.5	15.4	1.4	18.0	16.7	1.6		
		66.2	14.4	10.6	1.1	15.3	12.0	1.2	17.8	14.8	1.3	18.6	16.2	1.4	19.2	17.6	1.7		
	89.6	73.4	14.8	9.6	1.1	15.8	10.9	1.2	18.4	13.4	1.3	19.2	14.7	1.4	19.7	16.0	1.7		
		60.8	8.6	3.9	0.8	9.2	4.4	0.8	10.7	5.4	0.9	11.1	6.0	1.0	11.5	6.5	1.2		
		53.6	8.9	2.5	0.8	9.5	2.9	0.9	11.1	3.5	0.9	11.6	3.9	1.1	11.9	4.2	1.3		
	Medium	636	64.4	48.2	8.6	3.9	0.8	9.2	4.4	0.8	10.7	5.4	0.9	11.1	6.0	1.0	11.5	6.5	1.2
				53.6	8.9	2.5	0.8	9.5	2.9	0.9	11.1	3.5	0.9	11.6	3.9	1.1	11.9	4.2	1.3
				59.0	10.8	2.6	0.9	11.5	3.0	1.0	13.3	3.7	1.0	13.9	4.0	1.2	14.4	4.4	1.4
69.8			53.6	10.7	5.9	0.9	11.4	6.7	1.0	13.3	8.2	1.1	13.9	9.1	1.2	14.3	9.9	1.5	
			59.0	11.0	4.8	1.0	11.7	5.5	1.0	13.6	6.7	1.1	14.2	7.4	1.3	14.6	8.1	1.5	
			66.2	12.8	3.8	1.0	13.6	4.3	1.1	15.8	5.3	1.2	16.5	5.9	1.4	17.0	6.4	1.6	
75.2			60.8	11.5	6.1	1.0	12.2	6.9	1.0	14.2	8.5	1.1	14.8	9.3	1.3	15.3	10.1	1.5	
			66.2	13.0	5.9	1.1	13.9	6.7	1.1	16.2	8.2	1.2	16.8	9.0	1.4	17.4	9.8	1.6	
			73.4	12.8	2.8	1.1	13.6	3.1	1.2	15.8	3.9	1.3	16.5	4.3	1.4	17.0	4.6	1.7	
80.6			60.8	12.0	7.6	1.0	12.8	8.6	1.1	14.8	10.6	1.2	15.5	11.6	1.3	15.9	12.6	1.6	
			66.2	13.3	7.5	1.1	14.2	8.5	1.1	16.5	10.5	1.2	17.2	11.5	1.4	17.7	12.5	1.6	
			73.4	14.1	5.1	1.1	15.0	5.8	1.2	17.5	7.1	1.2	18.2	7.8	1.4	18.8	8.5	1.7	
84.2		66.2	13.6	8.0	1.1	14.5	9.1	1.2	16.8	11.2	1.2	17.5	12.4	1.4	18.1	13.4	1.6		
		60.8	12.6	8.5	1.0	13.4	9.6	1.1	15.6	11.8	1.2	16.3	13.0	1.4	16.8	14.1	1.6		
		66.2	13.7	8.6	1.1	14.6	9.7	1.2	17.0	12.0	1.2	17.7	13.2	1.4	18.3	14.3	1.6		
86.0		73.4	14.4	7.0	1.1	15.3	8.0	1.2	17.8	9.8	1.3	18.6	10.8	1.4	19.2	11.7	1.7		
		60.8	13.2	9.2	1.1	14.1	10.4	1.1	16.4	12.8	1.2	17.1	14.1	1.4	17.7	15.3	1.6		
		66.2	14.1	9.6	1.1	15.0	10.9	1.2	17.5	13.4	1.2	18.2	14.8	1.4	18.8	16.1	1.7		
89.6		73.4	14.8	8.9	1.1	15.8	10.1	1.2	18.4	12.4	1.3	19.2	13.7	1.4	19.7	14.9	1.7		
		48.2	8.2	3.5	0.8	8.7	4.0	0.8	10.1	4.9	0.9	10.6	5.4	1.0	10.9	5.9	1.2		
		53.6	8.5	2.3	0.8	9.0	2.6	0.9	10.5	3.2	0.9	11.0	3.5	1.1	11.3	3.8	1.3		
Low		589	64.4	59.0	10.2	2.4	0.9	10.9	2.7	1.0	12.7	3.3	1.0	13.2	3.7	1.2	13.6	4.0	1.4
				53.6	10.2	5.4	0.9	10.8	6.1	1.0	12.6	7.5	1.1	13.2	8.2	1.2	13.6	8.9	1.4
				59.0	10.4	4.4	1.0	11.1	5.0	1.0	12.9	6.1	1.1	13.5	6.7	1.3	13.9	7.3	1.5
	69.8		66.2	12.1	3.5	1.0	12.9	3.9	1.1	15.0	4.8	1.2	15.7	5.3	1.3	16.1	5.8	1.6	
			60.8	10.9	5.5	1.0	11.6	6.2	1.0	13.5	7.7	1.1	14.1	8.5	1.3	14.5	9.2	1.5	
			66.2	12.4	5.4	1.0	13.2	6.1	1.1	15.3	7.5	1.2	16.0	8.2	1.4	16.5	8.9	1.6	
	75.2		73.4	12.1	2.5	1.1	12.9	2.9	1.2	15.0	3.5	1.2	15.7	3.9	1.4	16.2	4.2	1.7	
			60.8	11.4	6.9	1.0	12.1	7.8	1.1	14.1	9.6	1.2	14.7	10.6	1.3	15.1	11.5	1.6	
			66.2	12.6	6.8	1.1	13.5	7.7	1.1	15.6	9.5	1.2	16.3	10.5	1.4	16.8	11.4	1.6	
	80.6		73.4	13.4	4.6	1.1	14.3	5.2	1.2	16.6	6.5	1.2	17.3	7.1	1.4	17.8	7.7	1.6	
			66.2	12.9	7.3	1.1	13.7	8.3	1.1	16.0	10.2	1.2	16.6	11.2	1.4	17.2	12.2	1.6	
			60.8	12.0	7.7	1.0	12.7	8.7	1.1	14.8	10.7	1.2	15.5	11.8	1.3	15.9	12.8	1.6	
	84.2	66.2	13.0	7.8	1.1	13.9	8.8	1.1	16.1	10.9	1.2	16.8	12.0	1.4	17.3	13.0	1.6		
		73.4	13.6	6.4	1.1	14.6	7.2	1.2	16.9	8.9	1.2	17.6	9.8	1.4	18.2	10.7	1.7		
		60.8	12.6	8.3	1.1	13.4	9.4	1.1	15.6	11.6	1.2	16.3	12.8	1.4	16.8	13.9	1.6		
	86.0	66.2	13.4	8.8	1.1	14.3	9.9	1.2	16.6	12.2	1.2	17.3	13.4	1.4	17.8	14.6	1.6		
		73.4	14.8	8.5	1.1	15.8	9.7	1.2	18.4	11.9	1.3	19.2	13.1	1.4	19.7	14.2	1.7		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)													
				102.2			109.4			114.8			118.4				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	695	64.4	48.2	11.5	7.1	1.3	9.4	5.9	1.1	8.8	5.6	1.0	8.2	5.3	1.1		
			53.6	11.9	4.6	1.4	9.7	3.8	1.1	9.1	3.7	1.1	8.5	3.5	1.1		
			59.0	14.4	4.7	1.5	11.7	3.9	1.3	11.0	3.8	1.2	10.3	3.6	1.2		
		69.8	53.6	14.3	10.7	1.6	11.7	8.9	1.3	10.9	8.5	1.3	10.2	8.1	1.3		
			59.0	14.6	8.8	1.6	11.9	7.3	1.4	11.2	7.0	1.3	10.5	6.6	1.3		
			66.2	17.0	6.9	1.8	13.9	5.8	1.5	13.0	5.5	1.4	12.2	5.2	1.4		
		75.2	60.8	15.3	11.0	1.6	12.5	9.1	1.4	11.7	8.7	1.3	10.9	8.3	1.3		
			66.2	17.4	10.7	1.8	14.2	8.9	1.5	13.3	8.5	1.4	12.4	8.1	1.4		
			73.4	17.0	5.0	1.9	13.9	4.2	1.5	13.0	4.0	1.4	12.2	3.8	1.5		
		80.6	60.8	15.9	13.7	1.7	13.0	11.4	1.4	12.2	10.9	1.4	11.4	10.4	1.4		
			66.2	17.7	13.6	1.8	14.5	11.3	1.5	13.6	10.8	1.4	12.7	10.3	1.4		
			73.4	18.8	9.2	1.8	15.3	7.7	1.5	14.4	7.3	1.4	13.4	7.0	1.5		
		84.2	66.2	18.1	14.6	1.8	14.8	12.1	1.5	13.8	11.6	1.4	12.9	11.0	1.4		
			60.8	16.8	15.3	1.8	13.7	12.7	1.5	12.9	12.2	1.4	12.0	11.6	1.4		
			66.2	18.3	15.6	1.8	14.9	12.9	1.5	14.0	12.4	1.4	13.0	11.8	1.4		
		86.0	73.4	19.2	12.7	1.9	15.6	10.6	1.5	14.7	10.1	1.4	13.7	9.6	1.5		
			60.8	17.7	16.6	1.8	14.4	13.8	1.5	13.5	13.2	1.4	12.6	12.5	1.4		
			66.2	18.8	17.4	1.8	15.3	14.5	1.5	14.4	13.9	1.4	13.4	13.2	1.5		
		89.6	73.4	19.3	15.8	1.9	15.8	13.2	1.5	14.8	12.6	1.4	13.8	12.0	1.5		
			64.4	48.2	11.3	6.4	1.3	9.2	5.3	1.1	8.6	5.1	1.0	8.0	4.9	1.1	
				53.6	11.7	4.2	1.4	9.5	3.5	1.1	8.9	3.3	1.1	8.3	3.2	1.1	
59.0	14.1	4.3		1.5	11.5	3.6	1.2	10.8	3.4	1.2	10.0	3.3	1.2				
Medium	636	69.8	53.6	14.0	9.7	1.6	11.4	8.1	1.3	10.7	7.8	1.2	10.0	7.4	1.3		
			59.0	14.3	8.0	1.6	11.7	6.6	1.3	11.0	6.3	1.3	10.2	6.0	1.3		
			66.2	16.7	6.3	1.7	13.6	5.3	1.4	12.8	5.0	1.4	11.9	4.8	1.4		
		75.2	60.8	15.0	10.0	1.6	12.2	8.3	1.3	11.5	8.0	1.3	10.7	7.6	1.3		
			66.2	17.0	9.7	1.8	13.9	8.1	1.5	13.0	7.7	1.4	12.2	7.4	1.4		
			73.4	16.7	4.6	1.8	13.6	3.8	1.5	12.8	3.6	1.4	11.9	3.5	1.5		
		80.6	60.8	15.6	12.5	1.7	12.8	10.4	1.4	12.0	9.9	1.3	11.2	9.5	1.4		
			66.2	17.4	12.4	1.8	14.2	10.3	1.5	13.3	9.9	1.4	12.4	9.4	1.4		
			73.4	18.4	8.4	1.8	15.0	7.0	1.5	14.1	6.7	1.4	13.1	6.4	1.4		
		84.2	66.2	17.7	13.3	1.8	14.5	11.1	1.5	13.6	10.6	1.4	12.7	10.0	1.4		
			60.8	16.5	14.0	1.7	13.4	11.6	1.4	12.6	11.1	1.4	11.8	10.6	1.4		
			66.2	17.9	14.2	1.8	14.6	11.8	1.5	13.7	11.3	1.4	12.8	10.7	1.4		
		86.0	73.4	18.8	11.6	1.8	15.3	9.7	1.5	14.4	9.2	1.4	13.4	8.8	1.5		
			60.8	17.3	15.1	1.8	14.1	12.6	1.5	13.2	12.0	1.4	12.4	11.4	1.4		
			66.2	18.4	15.9	1.8	15.0	13.2	1.5	14.1	12.7	1.4	13.1	12.0	1.4		
		89.6	73.4	19.3	14.7	1.9	15.8	12.2	1.5	14.8	11.7	1.4	13.8	11.1	1.5		
			64.4	48.2	10.7	5.8	1.3	8.7	4.9	1.1	8.2	4.6	1.0	7.6	4.4	1.0	
				53.6	11.1	3.8	1.4	9.0	3.2	1.1	8.5	3.0	1.1	7.9	2.9	1.1	
		59.0		13.3	3.9	1.5	10.9	3.3	1.2	10.2	3.1	1.2	9.5	3.0	1.2		
		Low	589	69.8	53.6	13.3	8.9	1.6	10.8	7.4	1.3	10.2	7.0	1.2	9.5	6.7	1.3
					59.0	13.6	7.2	1.6	11.1	6.0	1.3	10.4	5.8	1.3	9.7	5.5	1.3
66.2	15.8				5.7	1.7	12.9	4.8	1.4	12.1	4.6	1.3	11.3	4.3	1.4		
75.2	60.8			14.2	9.1	1.6	11.6	7.6	1.3	10.9	7.2	1.3	10.2	6.9	1.3		
	66.2			16.2	8.8	1.7	13.2	7.3	1.4	12.4	7.0	1.4	11.5	6.7	1.4		
	73.4			15.8	4.2	1.8	12.9	3.5	1.5	12.1	3.3	1.4	11.3	3.1	1.4		
80.6	60.8			14.8	11.3	1.7	12.1	9.4	1.4	11.4	9.0	1.3	10.6	8.6	1.4		
	66.2			16.5	11.3	1.8	13.5	9.4	1.5	12.6	9.0	1.4	11.8	8.5	1.4		
	73.4			17.5	7.6	1.8	14.3	6.4	1.5	13.4	6.1	1.4	12.5	5.8	1.4		
84.2	66.2			16.8	12.1	1.8	13.7	10.0	1.5	12.9	9.6	1.4	12.0	9.1	1.4		
	60.8			15.6	12.7	1.7	12.7	10.5	1.4	12.0	10.1	1.3	11.2	9.6	1.4		
	66.2			17.0	12.9	1.8	13.9	10.7	1.5	13.0	10.2	1.4	12.1	9.7	1.4		
86.0	73.4			17.8	10.5	1.8	14.6	8.8	1.5	13.6	8.4	1.4	12.7	8.0	1.4		
	60.8			16.4	13.7	1.8	13.4	11.4	1.5	12.6	10.9	1.4	11.7	10.4	1.4		
	66.2			17.5	14.4	1.8	14.3	12.0	1.5	13.4	11.5	1.4	12.5	10.9	1.4		
89.6	73.4			19.3	14.1	1.9	15.8	11.7	1.5	14.8	11.2	1.4	13.8	10.7	1.5		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD24NK3CO Indoor Unit:GKH24K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)															
				64.4			69.8			77			86			95			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	824	64.4	48.2	11.6	5.6	1.1	12.4	6.4	1.1	14.4	7.9	1.2	15.0	8.7	1.4	15.5	9.4	1.6	
			53.6	12.0	3.7	1.1	12.8	4.2	1.2	14.9	5.1	1.3	15.6	5.7	1.4	16.1	6.1	1.7	
			59.0	14.5	3.8	1.2	15.5	4.3	1.3	18.0	5.3	1.4	18.8	5.8	1.6	19.3	6.3	1.9	
		69.8	53.6	14.4	8.6	1.3	15.4	9.7	1.4	17.9	11.9	1.5	18.7	13.2	1.7	19.3	14.3	2.0	
			59.0	14.8	7.0	1.3	15.8	7.9	1.4	18.3	9.8	1.5	19.1	10.8	1.7	19.7	11.7	2.0	
			66.2	17.2	5.5	1.4	18.3	6.3	1.5	21.3	7.7	1.6	22.2	8.5	1.8	22.9	9.2	2.2	
		75.2	60.8	15.4	8.8	1.3	16.5	10.0	1.4	19.2	12.3	1.5	20.0	13.5	1.7	20.6	14.7	2.0	
			66.2	17.6	8.5	1.4	18.7	9.7	1.5	21.8	11.9	1.6	22.7	13.1	1.9	23.4	14.2	2.2	
			73.4	17.2	4.0	1.5	18.4	4.6	1.6	21.3	5.6	1.7	22.3	6.2	1.9	22.9	6.7	2.3	
		80.6	60.8	16.1	11.0	1.4	17.2	12.4	1.5	20.0	15.3	1.6	20.9	16.9	1.8	21.5	18.3	2.1	
			66.2	17.9	10.9	1.4	19.1	12.3	1.5	22.2	15.2	1.7	23.2	16.7	1.9	23.9	18.2	2.2	
			73.4	19.0	7.4	1.5	20.3	8.4	1.6	23.5	10.3	1.7	24.6	11.3	1.9	25.3	12.3	2.2	
	84.2	66.2	18.3	11.7	1.4	19.5	13.2	1.6	22.7	16.3	1.7	23.6	17.9	1.9	24.4	19.4	2.2		
		60.8	17.0	12.3	1.4	18.1	13.9	1.5	21.0	17.1	1.6	22.0	18.8	1.8	22.6	20.4	2.2		
		66.2	18.5	12.5	1.4	19.7	14.1	1.6	22.9	17.4	1.7	23.9	19.1	1.9	24.6	20.8	2.2		
	86.0	73.4	19.4	10.2	1.5	20.7	11.6	1.6	24.0	14.2	1.7	25.1	15.7	1.9	25.8	17.0	2.3		
		60.8	17.8	13.3	1.4	19.0	15.0	1.5	22.1	18.5	1.6	23.1	20.4	1.9	23.8	22.1	2.2		
		66.2	19.0	14.0	1.5	20.3	15.8	1.6	23.5	19.5	1.7	24.6	21.5	1.9	25.3	23.3	2.2		
	89.6	73.4	19.6	12.7	1.5	20.9	14.3	1.6	24.3	17.7	1.7	25.3	19.4	1.9	26.1	21.1	2.3		
		48.2	11.4	5.1	1.0	12.1	5.8	1.1	14.1	7.2	1.2	14.7	7.9	1.4	15.2	8.6	1.6		
		53.6	11.8	3.4	1.1	12.6	3.8	1.2	14.6	4.7	1.3	15.3	5.2	1.4	15.7	5.6	1.7		
	Medium	748	64.4	59.0	14.2	3.5	1.2	15.2	3.9	1.3	17.6	4.8	1.4	18.4	5.3	1.6	19.0	5.8	1.9
				53.6	14.2	7.8	1.3	15.1	8.8	1.4	17.6	10.9	1.5	18.3	12.0	1.7	18.9	13.0	1.9
				59.0	14.5	6.4	1.3	15.5	7.2	1.4	18.0	8.9	1.5	18.7	9.8	1.7	19.3	10.6	2.0
69.8			66.2	16.9	5.1	1.4	18.0	5.7	1.5	20.9	7.0	1.6	21.8	7.8	1.8	22.5	8.4	2.1	
			60.8	15.1	8.0	1.3	16.1	9.1	1.4	18.8	11.2	1.5	19.6	12.3	1.7	20.2	13.4	2.0	
			66.2	17.2	7.8	1.4	18.4	8.8	1.5	21.3	10.9	1.6	22.3	12.0	1.8	22.9	13.0	2.2	
75.2			73.4	16.9	3.7	1.5	18.0	4.1	1.6	20.9	5.1	1.7	21.8	5.6	1.9	22.5	6.1	2.2	
			60.8	15.8	10.0	1.4	16.9	11.3	1.5	19.6	14.0	1.6	20.4	15.4	1.8	21.1	16.7	2.1	
			66.2	17.6	9.9	1.4	18.7	11.2	1.5	21.8	13.8	1.6	22.7	15.2	1.9	23.4	16.5	2.2	
80.6			73.4	18.6	6.7	1.4	19.8	7.6	1.6	23.1	9.4	1.7	24.1	10.3	1.9	24.8	11.2	2.2	
			66.2	17.9	10.6	1.4	19.1	12.0	1.5	22.2	14.8	1.6	23.2	16.3	1.9	23.9	17.7	2.2	
			60.8	16.6	11.2	1.4	17.7	12.7	1.5	20.6	15.6	1.6	21.5	17.2	1.8	22.2	18.6	2.1	
86.0		66.2	18.1	11.3	1.4	19.3	12.9	1.5	22.4	15.8	1.6	23.4	17.4	1.9	24.1	18.9	2.2		
		73.4	19.0	9.3	1.5	20.3	10.5	1.6	23.5	13.0	1.7	24.6	14.3	1.9	25.3	15.5	2.2		
		60.8	17.5	12.1	1.4	18.7	13.7	1.5	21.7	16.9	1.6	22.6	18.6	1.9	23.3	20.1	2.2		
89.6		66.2	18.6	12.7	1.4	19.8	14.4	1.6	23.1	17.8	1.7	24.1	19.6	1.9	24.8	21.2	2.2		
		73.4	19.6	11.8	1.5	20.9	13.3	1.6	24.3	16.4	1.7	25.3	18.1	1.9	26.1	19.6	2.3		
		48.2	10.8	4.7	1.0	11.5	5.3	1.1	13.4	6.5	1.2	14.0	7.2	1.4	14.4	7.8	1.6		
Low		689	64.4	53.6	11.2	3.0	1.1	11.9	3.5	1.2	13.9	4.3	1.3	14.5	4.7	1.4	14.9	5.1	1.7
				59.0	13.5	3.1	1.2	14.4	3.6	1.3	16.7	4.4	1.4	17.5	4.8	1.6	18.0	5.2	1.8
				53.6	13.4	7.1	1.2	14.3	8.0	1.3	16.7	9.9	1.4	17.4	10.9	1.6	17.9	11.8	1.9
			69.8	59.0	13.8	5.8	1.3	14.7	6.6	1.4	17.1	8.1	1.5	17.8	8.9	1.7	18.3	9.7	2.0
				66.2	16.0	4.6	1.4	17.1	5.2	1.5	19.8	6.4	1.6	20.7	7.0	1.8	21.3	7.6	2.1
				60.8	14.4	7.3	1.3	15.3	8.2	1.4	17.8	10.2	1.5	18.6	11.2	1.7	19.2	12.1	2.0
	75.2		66.2	16.3	7.1	1.4	17.4	8.0	1.5	20.2	9.9	1.6	21.1	10.9	1.8	21.8	11.8	2.1	
			73.4	16.0	3.3	1.4	17.1	3.8	1.6	19.8	4.6	1.7	20.7	5.1	1.9	21.3	5.5	2.2	
			60.8	15.0	9.1	1.4	16.0	10.3	1.5	18.6	12.7	1.6	19.4	14.0	1.8	20.0	15.1	2.1	
	80.6		66.2	16.7	9.0	1.4	17.8	10.2	1.5	20.7	12.6	1.6	21.5	13.8	1.8	22.2	15.0	2.2	
			73.4	17.7	6.1	1.4	18.8	6.9	1.5	21.9	8.5	1.6	22.8	9.4	1.9	23.5	10.2	2.2	
			66.2	17.0	9.7	1.4	18.1	10.9	1.5	21.1	13.5	1.6	22.0	14.8	1.9	22.7	16.1	2.2	
	86.0	60.8	15.8	10.1	1.4	16.8	11.5	1.5	19.6	14.2	1.6	20.4	15.6	1.8	21.0	16.9	2.1		
		66.2	17.2	10.3	1.4	18.3	11.7	1.5	21.3	14.4	1.6	22.2	15.8	1.9	22.9	17.2	2.2		
		73.4	18.0	8.4	1.4	19.2	9.6	1.6	22.3	11.8	1.7	23.3	13.0	1.9	24.0	14.1	2.2		
	89.6	60.8	16.6	11.0	1.4	17.7	12.4	1.5	20.6	15.3	1.6	21.5	16.9	1.8	22.1	18.3	2.2		
		66.2	17.7	11.6	1.4	18.8	13.1	1.5	21.9	16.1	1.6	22.8	17.8	1.9	23.5	19.3	2.2		
		73.4	19.6	11.3	1.5	20.9	12.8	1.6	24.3	15.7	1.7	25.3	17.3	1.9	26.1	18.8	2.3		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)											
				102.2			109.4			114.8			118.4		
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
High	824	64.4	48.2	15.2	9.3	1.8	12.4	7.8	1.5	11.6	7.4	1.4	10.8	7.0	1.4
			53.6	15.7	6.1	1.9	12.8	5.1	1.5	12.0	4.8	1.4	11.2	4.6	1.5
			59.0	19.0	6.3	2.0	15.5	5.2	1.7	14.5	5.0	1.6	13.5	4.7	1.6
		69.8	53.6	18.9	14.1	2.1	15.4	11.8	1.8	14.4	11.2	1.7	13.5	10.7	1.7
			59.0	19.3	11.6	2.2	15.8	9.6	1.8	14.8	9.2	1.7	13.8	8.7	1.7
			66.2	22.5	9.1	2.4	18.3	7.6	1.9	17.2	7.3	1.8	16.1	6.9	1.9
		75.2	60.8	20.2	14.5	2.2	16.5	12.1	1.8	15.4	11.5	1.7	14.4	11.0	1.7
			66.2	22.9	14.1	2.4	18.7	11.7	2.0	17.6	11.2	1.9	16.4	10.7	1.9
			73.4	22.5	6.6	2.5	18.4	5.5	2.0	17.2	5.3	1.9	16.1	5.0	2.0
		80.6	60.8	21.1	18.1	2.3	17.2	15.1	1.9	16.1	14.4	1.8	15.0	13.7	1.9
			66.2	23.4	18.0	2.4	19.1	15.0	2.0	17.9	14.3	1.9	16.7	13.6	1.9
			73.4	24.8	12.2	2.4	20.3	10.1	2.0	19.0	9.7	1.9	17.7	9.2	2.0
		84.2	66.2	23.9	19.2	2.4	19.5	16.0	2.0	18.3	15.3	1.9	17.1	14.6	1.9
			60.8	22.2	20.2	2.3	18.1	16.8	1.9	17.0	16.1	1.8	15.8	15.3	1.9
			66.2	24.1	20.5	2.4	19.7	17.1	2.0	18.5	16.3	1.9	17.2	15.5	1.9
		86.0	73.4	25.3	16.8	2.5	20.7	14.0	2.0	19.4	13.4	1.9	18.1	12.7	2.0
			60.8	23.3	21.9	2.4	19.0	18.2	2.0	17.8	17.4	1.9	16.7	16.6	1.9
			66.2	24.8	23.0	2.4	20.3	19.2	2.0	19.0	18.3	1.9	17.7	17.4	2.0
89.6	73.4	25.6	20.9	2.5	20.9	17.4	2.0	19.6	16.6	1.9	18.3	15.8	2.0		
	64.4	48.2	14.9	8.5	1.8	12.1	7.1	1.4	11.4	6.8	1.4	10.6	6.4	1.4	
	53.6	15.4	5.5	1.8	12.6	4.6	1.5	11.8	4.4	1.4	11.0	4.2	1.5		
Medium	748	64.4	59.0	18.6	5.7	2.0	15.2	4.7	1.7	14.2	4.5	1.6	13.3	4.3	1.6
			53.6	18.5	12.9	2.1	15.1	10.7	1.7	14.2	10.2	1.7	13.2	9.7	1.7
			59.0	18.9	10.5	2.2	15.5	8.8	1.8	14.5	8.4	1.7	13.5	8.0	1.7
		69.8	66.2	22.0	8.3	2.3	18.0	6.9	1.9	16.9	6.6	1.8	15.7	6.3	1.9
			60.8	19.8	13.2	2.2	16.1	11.0	1.8	15.1	10.5	1.7	14.1	10.0	1.7
			66.2	22.5	12.8	2.4	18.4	10.7	1.9	17.2	10.2	1.8	16.1	9.7	1.9
		75.2	73.4	22.0	6.0	2.4	18.0	5.0	2.0	16.9	4.8	1.9	15.7	4.6	2.0
			60.8	20.6	16.5	2.3	16.9	13.7	1.9	15.8	13.1	1.8	14.7	12.5	1.8
			66.2	22.9	16.4	2.4	18.7	13.6	2.0	17.6	13.0	1.9	16.4	12.4	1.9
		80.6	73.4	24.3	11.1	2.4	19.8	9.2	2.0	18.6	8.8	1.9	17.4	8.4	1.9
			66.2	23.4	17.5	2.4	19.1	14.6	2.0	17.9	14.0	1.9	16.7	13.3	1.9
			60.8	21.7	18.4	2.3	17.7	15.3	1.9	16.6	14.7	1.8	15.5	13.9	1.9
		86.0	66.2	23.6	18.7	2.4	19.3	15.6	2.0	18.1	14.9	1.9	16.9	14.2	1.9
			73.4	24.8	15.3	2.4	20.3	12.8	2.0	19.0	12.2	1.9	17.7	11.6	2.0
			60.8	22.9	19.9	2.4	18.7	16.6	2.0	17.5	15.9	1.9	16.3	15.1	1.9
		89.6	66.2	24.3	21.0	2.4	19.8	17.5	2.0	18.6	16.7	1.9	17.4	15.9	1.9
			73.4	25.6	19.4	2.5	20.9	16.2	2.0	19.6	15.5	1.9	18.3	14.7	2.0
			64.4	48.2	14.1	7.7	1.7	11.5	6.4	1.4	10.8	6.1	1.4	10.1	5.8
Low	689	64.4	53.6	14.6	5.0	1.8	11.9	4.2	1.5	11.2	4.0	1.4	10.5	3.8	1.5
			59.0	17.6	5.2	2.0	14.4	4.3	1.6	13.5	4.1	1.6	12.6	3.9	1.6
			53.6	17.6	11.7	2.1	14.3	9.7	1.7	13.4	9.3	1.6	12.5	8.8	1.7
		69.8	59.0	18.0	9.6	2.1	14.7	8.0	1.8	13.8	7.6	1.7	12.8	7.2	1.7
			66.2	20.9	7.6	2.3	17.1	6.3	1.9	16.0	6.0	1.8	14.9	5.7	1.8
			60.8	18.8	12.0	2.1	15.3	10.0	1.8	14.4	9.6	1.7	13.4	9.1	1.7
		75.2	66.2	21.3	11.7	2.3	17.4	9.7	1.9	16.3	9.3	1.8	15.2	8.8	1.9
			73.4	20.9	5.5	2.4	17.1	4.6	2.0	16.0	4.4	1.9	14.9	4.2	1.9
			60.8	19.6	15.0	2.3	16.0	12.5	1.9	15.0	11.9	1.8	14.0	11.3	1.8
		80.6	66.2	21.8	14.9	2.4	17.8	12.4	1.9	16.7	11.8	1.8	15.5	11.3	1.9
			73.4	23.1	10.1	2.4	18.8	8.4	2.0	17.7	8.0	1.9	16.5	7.6	1.9
			66.2	22.2	15.9	2.4	18.1	13.3	2.0	17.0	12.7	1.9	15.9	12.1	1.9
		84.2	60.8	20.6	16.7	2.3	16.8	13.9	1.9	15.8	13.3	1.8	14.7	12.7	1.8
			66.2	22.4	17.0	2.4	18.3	14.2	2.0	17.2	13.5	1.9	16.0	12.9	1.9
			73.4	23.5	13.9	2.4	19.2	11.6	2.0	18.0	11.1	1.9	16.8	10.5	1.9
		86.0	60.8	21.7	18.1	2.3	17.7	15.1	1.9	16.6	14.4	1.8	15.5	13.7	1.9
			66.2	23.1	19.1	2.4	18.8	15.9	2.0	17.7	15.2	1.9	16.5	14.4	1.9
			73.4	25.6	18.6	2.5	20.9	15.5	2.0	19.6	14.8	1.9	18.3	14.1	2.0

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD30NK3CO Indoor Unit:GKH30K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)														
				64.4			69.8			77			86			95		
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
High	977	64.4	48.2	14.6	7.1	1.3	15.6	8.0	1.4	18.1	9.9	1.5	18.9	10.9	1.7	19.5	11.8	2.0
			53.6	15.1	4.6	1.4	16.1	5.2	1.5	18.8	6.5	1.6	19.6	7.1	1.8	20.2	7.7	2.1
			59.0	18.2	4.8	1.5	19.5	5.4	1.6	22.6	6.7	1.7	23.6	7.3	2.0	24.3	7.9	2.3
		69.8	53.6	18.2	10.8	1.6	19.4	12.2	1.7	22.5	15.0	1.8	23.5	16.5	2.0	24.2	17.9	2.4
			59.0	18.6	8.8	1.6	19.8	10.0	1.7	23.1	12.3	1.8	24.0	13.5	2.1	24.8	14.7	2.5
			66.2	21.6	7.0	1.7	23.1	7.9	1.9	26.8	9.7	2.0	28.0	10.7	2.2	28.8	11.6	2.6
		75.2	60.8	19.4	11.1	1.6	20.7	12.5	1.7	24.1	15.4	1.8	25.1	17.0	2.1	25.9	18.4	2.5
			66.2	22.1	10.7	1.7	23.5	12.2	1.9	27.4	15.0	2.0	28.5	16.5	2.3	29.4	17.9	2.7
			73.4	21.6	5.0	1.8	23.1	5.7	1.9	26.8	7.0	2.1	28.0	7.8	2.4	28.8	8.4	2.8
		80.6	60.8	20.3	13.8	1.7	21.6	15.6	1.8	25.1	19.3	2.0	26.2	21.2	2.2	27.0	23.0	2.6
			66.2	22.5	13.7	1.8	24.0	15.5	1.9	27.9	19.1	2.0	29.1	21.0	2.3	30.0	22.8	2.7
			73.4	23.9	9.3	1.8	25.5	10.5	1.9	29.6	13.0	2.1	30.9	14.3	2.3	31.8	15.5	2.8
		84.2	66.2	23.0	14.7	1.8	24.5	16.6	1.9	28.5	20.5	2.0	29.7	22.5	2.3	30.6	24.4	2.7
			60.8	21.3	15.4	1.7	22.8	17.5	1.9	26.5	21.5	2.0	27.6	23.7	2.2	28.5	25.7	2.6
			66.2	23.2	15.7	1.8	24.7	17.7	1.9	28.8	21.8	2.0	30.0	24.0	2.3	30.9	26.1	2.7
		86.0	73.4	24.4	12.8	1.8	26.0	14.5	1.9	30.2	17.9	2.1	31.5	19.7	2.4	32.5	21.4	2.8
			60.8	22.4	16.7	1.8	23.9	18.9	1.9	27.8	23.3	2.0	29.0	25.6	2.3	29.9	27.8	2.7
			66.2	23.9	17.6	1.8	25.5	19.9	1.9	29.6	24.5	2.1	30.9	27.0	2.3	31.8	29.3	2.8
		89.6	73.4	24.6	15.9	1.8	26.2	18.0	1.9	30.5	22.2	2.1	31.8	24.4	2.4	32.8	26.5	2.8
			60.8	22.0	15.2	1.7	23.5	17.2	1.9	27.3	21.2	2.0	28.4	23.3	2.3	29.3	25.3	2.7
66.2	23.4		16.0	1.8	25.0	18.1	1.9	29.0	22.3	2.0	30.3	24.6	2.3	31.2	26.7	2.7		
73.4	24.6	14.8	1.8	26.2	16.8	1.9	30.5	20.7	2.1	31.8	22.7	2.4	32.8	24.7	2.8			
Medium	924	64.4	48.2	14.3	6.5	1.3	15.3	7.3	1.4	17.7	9.0	1.5	18.5	9.9	1.7	19.1	10.8	2.0
			53.6	14.8	4.2	1.3	15.8	4.8	1.4	18.4	5.9	1.6	19.2	6.5	1.8	19.8	7.0	2.1
			59.0	17.9	4.3	1.5	19.1	4.9	1.6	22.2	6.1	1.7	23.1	6.7	1.9	23.8	7.2	2.3
		69.8	53.6	17.8	9.8	1.5	19.0	11.1	1.7	22.1	13.7	1.8	23.0	15.1	2.0	23.7	16.4	2.4
			59.0	18.2	8.0	1.6	19.4	9.1	1.7	22.6	11.2	1.8	23.6	12.3	2.1	24.3	13.4	2.4
			66.2	21.2	6.3	1.7	22.6	7.2	1.8	26.3	8.9	2.0	27.4	9.8	2.2	28.2	10.6	2.6
		75.2	60.8	19.0	10.1	1.6	20.3	11.4	1.7	23.6	14.1	1.8	24.6	15.5	2.1	25.4	16.8	2.4
			66.2	21.6	9.8	1.7	23.1	11.1	1.9	26.8	13.6	2.0	28.0	15.0	2.2	28.8	16.3	2.6
			73.4	21.2	4.6	1.8	22.6	5.2	1.9	26.3	6.4	2.1	27.4	7.1	2.3	28.3	7.7	2.8
		80.6	60.8	19.9	12.6	1.7	21.2	14.3	1.8	24.6	17.5	1.9	25.7	19.3	2.2	26.5	21.0	2.6
			66.2	22.1	12.5	1.7	23.5	14.1	1.9	27.4	17.4	2.0	28.5	19.2	2.3	29.4	20.8	2.7
			73.4	23.4	8.5	1.8	25.0	9.6	1.9	29.0	11.8	2.0	30.3	13.0	2.3	31.2	14.1	2.7
		84.2	66.2	22.5	13.4	1.8	24.0	15.1	1.9	27.9	18.6	2.0	29.1	20.5	2.3	30.0	22.3	2.7
			60.8	20.9	14.0	1.7	22.3	15.9	1.8	25.9	19.6	2.0	27.0	21.6	2.2	27.9	23.4	2.6
			66.2	22.7	14.3	1.8	24.2	16.2	1.9	28.2	19.9	2.0	29.4	21.9	2.3	30.3	23.8	2.7
		86.0	73.4	23.9	11.7	1.8	25.5	13.2	1.9	29.6	16.3	2.1	30.9	17.9	2.3	31.8	19.5	2.8
			60.8	22.0	15.2	1.7	23.5	17.2	1.9	27.3	21.2	2.0	28.4	23.3	2.3	29.3	25.3	2.7
			66.2	23.4	16.0	1.8	25.0	18.1	1.9	29.0	22.3	2.0	30.3	24.6	2.3	31.2	26.7	2.7
		73.4	24.6	14.8	1.8	26.2	16.8	1.9	30.5	20.7	2.1	31.8	22.7	2.4	32.8	24.7	2.8	
		Low	883	64.4	48.2	13.6	5.9	1.3	14.5	6.7	1.4	16.8	8.2	1.5	17.6	9.0	1.7	18.1
53.6	14.1				3.8	1.3	15.0	4.3	1.4	17.5	5.3	1.5	18.2	5.9	1.7	18.8	6.4	2.0
59.0	17.0				3.9	1.5	18.1	4.5	1.6	21.0	5.5	1.7	21.9	6.1	1.9	22.6	6.6	2.2
69.8	53.6			16.9	8.9	1.5	18.0	10.1	1.7	20.9	12.4	1.8	21.8	13.7	2.0	22.5	14.9	2.4
	59.0			17.3	7.3	1.6	18.4	8.3	1.7	21.4	10.2	1.8	22.4	11.2	2.0	23.1	12.1	2.4
	66.2			20.1	5.8	1.7	21.4	6.5	1.8	24.9	8.0	1.9	26.0	8.9	2.2	26.8	9.6	2.6
75.2	60.8			18.1	9.1	1.6	19.3	10.4	1.7	22.4	12.8	1.8	23.4	14.0	2.0	24.1	15.2	2.4
	66.2			20.5	8.9	1.7	21.9	10.1	1.8	25.4	12.4	2.0	26.5	13.6	2.2	27.4	14.8	2.6
	73.4			20.1	4.2	1.8	21.5	4.7	1.9	24.9	5.8	2.0	26.0	6.4	2.3	26.8	7.0	2.7
80.6	60.8			18.8	11.4	1.7	20.1	12.9	1.8	23.4	15.9	1.9	24.4	17.5	2.2	25.1	19.0	2.6
	66.2			20.9	11.3	1.7	22.3	12.8	1.9	26.0	15.8	2.0	27.1	17.4	2.2	27.9	18.9	2.6
	73.4			22.2	7.7	1.8	23.7	8.7	1.9	27.5	10.7	2.0	28.7	11.8	2.3	29.6	12.8	2.7
84.2	66.2			21.4	12.1	1.7	22.8	13.8	1.9	26.5	16.9	2.0	27.6	18.6	2.3	28.5	20.2	2.7
	60.8			19.8	12.8	1.7	21.2	14.5	1.8	24.6	17.8	1.9	25.7	19.6	2.2	26.5	21.3	2.6
	66.2			21.6	13.0	1.7	23.0	14.7	1.9	26.7	18.1	2.0	27.9	19.9	2.3	28.8	21.6	2.7
86.0	73.4			22.6	10.6	1.8	24.2	12.0	1.9	28.1	14.8	2.0	29.3	16.3	2.3	30.2	17.7	2.7
	60.8			20.9	13.8	1.7	22.3	15.6	1.9	25.9	19.3	2.0	27.0	21.2	2.2	27.8	23.0	2.6
	66.2			22.2	14.5	1.8	23.7	16.5	1.9	27.5	20.3	2.0	28.7	22.3	2.3	29.6	24.2	2.7
73.4	24.6			14.2	1.8	26.2	16.1	1.9	30.5	19.8	2.1	31.8	21.8	2.4	32.8	23.6	2.8	

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)											
				102.2			109.4			114.8			118.4		
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
High	977	64.4	48.2	19.1	11.7	2.2	15.6	9.7	1.8	14.6	9.3	1.7	13.6	8.9	1.7
			53.6	19.8	7.6	2.3	16.1	6.4	1.9	15.1	6.1	1.8	14.1	5.8	1.8
			59.0	23.8	7.9	2.5	19.5	6.5	2.1	18.2	6.3	2.0	17.0	6.0	2.0
		69.8	53.6	23.7	17.8	2.6	19.4	14.8	2.2	18.2	14.1	2.0	16.9	13.4	2.1
			59.0	24.3	14.5	2.7	19.8	12.1	2.2	18.6	11.6	2.1	17.4	11.0	2.1
			66.2	28.2	11.5	2.9	23.1	9.6	2.4	21.6	9.1	2.2	20.2	8.7	2.3
		75.2	60.8	25.4	18.2	2.7	20.7	15.2	2.2	19.4	14.5	2.1	18.1	13.8	2.1
			66.2	28.8	17.7	2.9	23.5	14.7	2.4	22.1	14.1	2.3	20.6	13.4	2.3
			73.4	28.3	8.3	3.0	23.1	6.9	2.5	21.6	6.6	2.4	20.2	6.3	2.4
		80.6	60.8	26.5	22.8	2.9	21.6	19.0	2.4	20.3	18.1	2.2	18.9	17.2	2.3
			66.2	29.4	22.6	2.9	24.0	18.8	2.4	22.5	18.0	2.3	21.0	17.1	2.3
			73.4	31.2	15.3	3.0	25.5	12.8	2.5	23.9	12.2	2.3	22.3	11.6	2.4
		84.2	66.2	30.0	24.2	3.0	24.5	20.1	2.5	23.0	19.2	2.3	21.4	18.3	2.4
			60.8	27.9	25.4	2.9	22.8	21.2	2.4	21.3	20.2	2.2	19.9	19.2	2.3
			66.2	30.3	25.8	3.0	24.7	21.5	2.5	23.2	20.5	2.3	21.6	19.5	2.4
		86.0	73.4	31.8	21.1	3.0	26.0	17.6	2.5	24.4	16.8	2.4	22.7	16.0	2.4
			60.8	29.3	27.5	2.9	23.9	22.9	2.4	22.4	21.9	2.3	20.9	20.8	2.3
			66.2	31.2	29.0	3.0	25.5	24.1	2.5	23.9	23.0	2.3	22.3	21.9	2.4
		89.6	73.4	32.1	26.3	3.0	26.2	21.9	2.5	24.6	20.9	2.4	22.9	19.9	2.4
			48.2	18.7	10.7	2.2	15.3	8.9	1.8	14.3	8.5	1.7	13.3	8.1	1.7
			64.4	53.6	19.4	7.0	2.3	15.8	5.8	1.9	14.8	5.5	1.8	13.8	5.3
		59.0		23.4	7.2	2.5	19.1	6.0	2.0	17.9	5.7	1.9	16.7	5.4	2.0
		53.6		23.3	16.2	2.6	19.0	13.5	2.1	17.8	12.9	2.0	16.6	12.3	2.1
		69.8	59.0	23.8	13.2	2.7	19.4	11.0	2.2	18.2	10.5	2.1	17.0	10.0	2.1
66.2	27.7		10.5	2.9	22.6	8.7	2.4	21.2	8.3	2.2	19.8	7.9	2.3		
60.8	24.9		16.6	2.7	20.3	13.8	2.2	19.0	13.2	2.1	17.8	12.6	2.1		
75.2	66.2	28.3	16.1	2.9	23.1	13.4	2.4	21.6	12.8	2.2	20.2	12.2	2.3		
	73.4	27.7	7.6	3.0	22.6	6.3	2.5	21.2	6.0	2.3	19.8	5.7	2.4		
	60.8	26.0	20.8	2.8	21.2	17.3	2.3	19.9	16.5	2.2	18.5	15.7	2.3		
80.6	66.2	28.8	20.6	2.9	23.5	17.1	2.4	22.1	16.4	2.3	20.6	15.6	2.3		
	73.4	30.6	14.0	3.0	25.0	11.6	2.5	23.4	11.1	2.3	21.8	10.6	2.4		
	66.2	29.4	22.0	2.9	24.0	18.4	2.4	22.5	17.5	2.3	21.0	16.7	2.3		
84.2	60.8	27.3	23.2	2.9	22.3	19.3	2.4	20.9	18.4	2.2	19.5	17.5	2.3		
	66.2	29.7	23.5	2.9	24.2	19.6	2.4	22.7	18.7	2.3	21.2	17.8	2.3		
	73.4	31.2	19.3	3.0	25.5	16.0	2.5	23.9	15.3	2.3	22.3	14.6	2.4		
86.0	60.8	28.7	25.1	2.9	23.5	20.9	2.4	22.0	19.9	2.3	20.5	19.0	2.3		
	66.2	30.6	26.4	3.0	25.0	22.0	2.5	23.4	21.0	2.3	21.8	20.0	2.4		
	73.4	32.1	24.4	3.0	26.2	20.3	2.5	24.6	19.4	2.4	22.9	18.5	2.4		
89.6	48.2	17.7	9.7	2.1	14.5	8.1	1.8	13.6	7.7	1.7	12.7	7.3	1.7		
	53.6	18.4	6.3	2.2	15.0	5.3	1.8	14.1	5.0	1.7	13.1	4.8	1.8		
	59.0	22.2	6.5	2.5	18.1	5.4	2.0	17.0	5.2	1.9	15.8	4.9	2.0		
64.4	53.6	22.1	14.7	2.6	18.0	12.2	2.1	16.9	11.7	2.0	15.8	11.1	2.1		
	59.0	22.6	12.0	2.6	18.4	10.0	2.2	17.3	9.6	2.0	16.1	9.1	2.1		
	66.2	26.3	9.5	2.8	21.4	7.9	2.3	20.1	7.6	2.2	18.8	7.2	2.3		
69.8	60.8	23.6	15.1	2.6	19.3	12.6	2.2	18.1	12.0	2.0	16.9	11.4	2.1		
	66.2	26.8	14.7	2.9	21.9	12.2	2.4	20.5	11.7	2.2	19.2	11.1	2.3		
	73.4	26.3	6.9	3.0	21.5	5.7	2.5	20.1	5.5	2.3	18.8	5.2	2.4		
75.2	60.8	24.6	18.8	2.8	20.1	15.7	2.3	18.8	15.0	2.2	17.6	14.3	2.2		
	66.2	27.4	18.7	2.9	22.3	15.6	2.4	20.9	14.9	2.2	19.5	14.1	2.3		
	73.4	29.0	12.7	2.9	23.7	10.6	2.4	22.2	10.1	2.3	20.7	9.6	2.3		
80.6	66.2	27.9	20.0	2.9	22.8	16.7	2.4	21.4	15.9	2.3	19.9	15.2	2.3		
	60.8	25.9	21.0	2.8	21.2	17.5	2.3	19.8	16.7	2.2	18.5	15.9	2.3		
	66.2	28.2	21.4	2.9	23.0	17.8	2.4	21.6	17.0	2.3	20.1	16.2	2.3		
84.2	73.4	29.6	17.5	3.0	24.2	14.6	2.5	22.6	13.9	2.3	21.1	13.2	2.4		
	60.8	27.3	22.8	2.9	22.3	19.0	2.4	20.9	18.1	2.2	19.5	17.2	2.3		
	66.2	29.0	24.0	2.9	23.7	20.0	2.4	22.2	19.1	2.3	20.7	18.1	2.3		
86.0	73.4	32.1	23.4	3.0	26.2	19.5	2.5	24.6	18.6	2.4	22.9	17.7	2.4		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD36NK3CO/GUHD36NM3CO Indoor Unit:GKH36K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																
				64.4			69.8			77			86			95				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	977	64.4	48.2	16.6	8.1	1.5	17.7	9.1	1.6	20.6	11.2	1.7	21.4	12.4	1.9	22.1	13.4	2.3		
			53.6	17.2	5.3	1.6	18.4	6.0	1.7	21.3	7.3	1.8	22.3	8.1	2.0	22.9	8.8	2.4		
			59.0	20.7	5.4	1.7	22.1	6.1	1.8	25.7	7.6	2.0	26.8	8.3	2.2	27.6	9.0	2.6		
		69.8	53.6	20.6	12.2	1.8	22.0	13.9	1.9	25.6	17.1	2.1	26.7	18.8	2.3	27.5	20.4	2.8		
			59.0	21.1	10.0	1.8	22.5	11.3	2.0	26.2	14.0	2.1	27.3	15.4	2.4	28.2	16.7	2.8		
			66.2	24.6	7.9	2.0	26.2	9.0	2.1	30.5	11.0	2.3	31.8	12.2	2.6	32.8	13.2	3.0		
		75.2	60.8	22.1	12.6	1.8	23.5	14.2	2.0	27.4	17.5	2.1	28.5	19.3	2.4	29.4	20.9	2.8		
			66.2	25.1	12.2	2.0	26.8	13.8	2.1	31.1	17.0	2.3	32.4	18.7	2.6	33.4	20.3	3.1		
			73.4	24.6	5.7	2.1	26.2	6.5	2.2	30.5	8.0	2.4	31.8	8.8	2.7	32.8	9.6	3.2		
		80.6	60.8	23.0	15.7	2.0	24.6	17.8	2.1	28.6	21.9	2.3	29.8	24.1	2.6	30.7	26.1	3.0		
			66.2	25.6	15.6	2.0	27.3	17.6	2.2	31.7	21.7	2.3	33.1	23.9	2.6	34.1	25.9	3.1		
			73.4	27.1	10.6	2.1	28.9	12.0	2.2	33.6	14.7	2.4	35.1	16.2	2.7	36.2	17.6	3.2		
		84.2	66.2	26.1	16.7	2.0	27.8	18.9	2.2	32.4	23.2	2.3	33.8	25.6	2.7	34.8	27.8	3.1		
			60.8	24.2	17.5	2.0	25.9	19.8	2.1	30.1	24.4	2.3	31.4	26.9	2.6	32.3	29.2	3.0		
			66.2	26.4	17.8	2.0	28.1	20.2	2.2	32.7	24.8	2.3	34.1	27.3	2.7	35.1	29.6	3.1		
		86.0	73.4	27.7	14.6	2.1	29.5	16.5	2.2	34.3	20.3	2.4	35.8	22.4	2.7	36.9	24.3	3.2		
			60.8	25.5	18.9	2.0	27.2	21.5	2.2	31.6	26.4	2.3	33.0	29.1	2.6	34.0	31.6	3.1		
			66.2	27.1	20.0	2.1	28.9	22.6	2.2	33.6	27.8	2.4	35.1	30.6	2.7	36.2	33.3	3.2		
		89.6	73.4	27.9	18.1	2.1	29.8	20.5	2.2	34.6	25.2	2.4	36.1	27.8	2.7	37.3	30.1	3.2		
			48.2	16.3	7.3	1.5	17.3	8.3	1.6	20.2	10.3	1.7	21.0	11.3	1.9	21.7	12.2	2.3		
			53.6	16.9	4.8	1.5	18.0	5.4	1.7	20.9	6.7	1.8	21.8	7.4	2.0	22.5	8.0	2.4		
		Medium	924	64.4	59.0	20.3	4.9	1.7	21.7	5.6	1.8	25.2	6.9	2.0	26.3	7.6	2.2	27.1	8.2	2.6
					53.6	20.2	11.2	1.8	21.6	12.6	1.9	25.1	15.6	2.1	26.2	17.1	2.3	27.0	18.6	2.7
					59.0	20.7	9.1	1.8	22.1	10.3	2.0	25.7	12.7	2.1	26.8	14.0	2.4	27.6	15.2	2.8
69.8	66.2			24.1	7.2	2.0	25.7	8.2	2.1	29.9	10.1	2.3	31.1	11.1	2.6	32.1	12.0	3.0		
	60.8			21.6	11.4	1.8	23.1	13.0	2.0	26.8	16.0	2.1	28.0	17.6	2.4	28.8	19.1	2.8		
	66.2			24.6	11.1	2.0	26.2	12.6	2.1	30.5	15.5	2.3	31.8	17.1	2.6	32.8	18.5	3.0		
75.2	73.4			24.1	5.2	2.1	25.7	5.9	2.2	29.9	7.3	2.4	31.2	8.0	2.7	32.1	8.7	3.2		
	60.8			22.6	14.3	1.9	24.1	16.2	2.1	28.0	19.9	2.2	29.2	22.0	2.5	30.1	23.8	3.0		
	66.2			25.1	14.2	2.0	26.8	16.1	2.1	31.1	19.8	2.3	32.4	21.8	2.6	33.4	23.6	3.1		
80.6	73.4			26.6	9.6	2.0	28.4	10.9	2.2	33.0	13.4	2.3	34.4	14.8	2.7	35.4	16.0	3.1		
	66.2			25.6	15.2	2.0	27.3	17.2	2.2	31.7	21.2	2.3	33.1	23.3	2.6	34.1	25.3	3.1		
	60.8			23.8	16.0	2.0	25.3	18.1	2.1	29.5	22.3	2.3	30.7	24.5	2.6	31.7	26.6	3.0		
86.0	66.2			25.8	16.2	2.0	27.6	18.4	2.2	32.0	22.6	2.3	33.4	24.9	2.6	34.4	27.0	3.1		
	73.4			27.1	13.3	2.1	28.9	15.0	2.2	33.6	18.5	2.4	35.1	20.4	2.7	36.2	22.1	3.2		
	60.8			25.0	17.3	2.0	26.7	19.6	2.1	31.0	24.1	2.3	32.3	26.5	2.6	33.3	28.8	3.1		
89.6	66.2			26.6	18.2	2.0	28.4	20.6	2.2	33.0	25.4	2.3	34.4	27.9	2.7	35.4	30.3	3.1		
	73.4			27.9	16.8	2.1	29.8	19.1	2.2	34.6	23.5	2.4	36.1	25.8	2.7	37.3	28.0	3.2		
	48.2			15.4	6.7	1.5	16.4	7.6	1.6	19.1	9.3	1.7	19.9	10.3	1.9	20.6	11.1	2.2		
Low	883			64.4	53.6	16.0	4.4	1.5	17.1	4.9	1.6	19.8	6.1	1.8	20.7	6.7	2.0	21.3	7.3	2.3
					59.0	19.3	4.5	1.7	20.6	5.1	1.8	23.9	6.3	1.9	24.9	6.9	2.2	25.7	7.5	2.6
					53.6	19.2	10.1	1.8	20.5	11.5	1.9	23.8	14.1	2.0	24.8	15.6	2.3	25.6	16.9	2.7
				69.8	59.0	19.6	8.3	1.8	21.0	9.4	1.9	24.4	11.6	2.1	25.4	12.7	2.4	26.2	13.8	2.8
					66.2	22.8	6.6	1.9	24.4	7.4	2.1	28.3	9.1	2.2	29.5	10.1	2.5	30.5	10.9	3.0
					60.8	20.5	10.4	1.8	21.9	11.8	1.9	25.4	14.5	2.1	26.5	16.0	2.4	27.4	17.3	2.8
		75.2	66.2	23.3	10.1	2.0	24.9	11.4	2.1	28.9	14.1	2.3	30.2	15.5	2.6	31.1	16.8	3.0		
			73.4	22.9	4.7	2.0	24.4	5.4	2.2	28.3	6.6	2.3	29.6	7.3	2.7	30.5	7.9	3.1		
			60.8	21.4	13.0	1.9	22.8	14.7	2.1	26.6	18.1	2.2	27.7	19.9	2.5	28.6	21.6	2.9		
		80.6	66.2	23.8	12.9	2.0	25.4	14.6	2.1	29.5	18.0	2.3	30.8	19.8	2.6	31.7	21.5	3.0		
			73.4	25.2	8.7	2.0	26.9	9.9	2.2	31.3	12.2	2.3	32.6	13.4	2.6	33.6	14.6	3.1		
			66.2	24.3	13.8	2.0	25.9	15.6	2.1	30.1	19.2	2.3	31.4	21.2	2.6	32.4	23.0	3.1		
		86.0	60.8	22.6	14.5	1.9	24.1	16.4	2.1	28.0	20.2	2.2	29.2	22.3	2.5	30.1	24.2	3.0		
			66.2	24.5	14.7	2.0	26.1	16.7	2.1	30.4	20.5	2.3	31.7	22.6	2.6	32.7	24.5	3.1		
			73.4	25.7	12.1	2.0	27.5	13.7	2.2	31.9	16.8	2.3	33.3	18.5	2.7	34.3	20.1	3.1		
		89.6	60.8	23.7	15.7	2.0	25.3	17.8	2.1	29.4	21.9	2.3	30.7	24.1	2.6	31.6	26.1	3.0		
			66.2	25.2	16.5	2.0	26.9	18.7	2.2	31.3	23.0	2.3	32.6	25.4	2.6	33.6	27.5	3.1		
			73.4	27.9	16.1	2.1	29.8	18.2	2.2	34.6	22.5	2.4	36.1	24.7	2.7	37.3	26.8	3.2		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)													
				102.2			109.4			114.8			118.4				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	977	64.4	48.2	21.7	13.3	2.5	17.7	11.1	2.1	16.6	10.6	1.9	15.5	10.1	2.0		
			53.6	22.5	8.7	2.6	18.4	7.2	2.2	17.2	6.9	2.0	16.1	6.6	2.1		
			59.0	27.1	8.9	2.9	22.1	7.4	2.4	20.7	7.1	2.2	19.3	6.8	2.3		
		69.8	53.6	27.0	20.2	3.0	22.0	16.8	2.5	20.6	16.1	2.3	19.3	15.3	2.4		
			59.0	27.6	16.5	3.1	22.5	13.7	2.5	21.1	13.1	2.4	19.7	12.5	2.5		
			66.2	32.1	13.1	3.3	26.2	10.9	2.7	24.6	10.4	2.6	22.9	9.9	2.6		
		75.2	60.8	28.8	20.7	3.1	23.5	17.2	2.5	22.1	16.5	2.4	20.6	15.7	2.5		
			66.2	32.8	20.1	3.3	26.8	16.8	2.8	25.1	16.0	2.6	23.4	15.2	2.7		
			73.4	32.1	9.5	3.5	26.2	7.9	2.9	24.6	7.5	2.7	22.9	7.2	2.8		
		80.6	60.8	30.1	25.9	3.3	24.6	21.5	2.7	23.0	20.6	2.6	21.5	19.6	2.6		
			66.2	33.4	25.7	3.4	27.3	21.4	2.8	25.6	20.4	2.6	23.9	19.4	2.7		
			73.4	35.4	17.4	3.4	28.9	14.5	2.8	27.1	13.9	2.7	25.3	13.2	2.8		
		84.2	66.2	34.1	27.5	3.4	27.8	22.9	2.8	26.1	21.9	2.7	24.4	20.8	2.7		
			60.8	31.7	28.9	3.3	25.9	24.0	2.7	24.2	23.0	2.6	22.6	21.9	2.6		
			66.2	34.4	29.3	3.4	28.1	24.4	2.8	26.4	23.3	2.7	24.6	22.2	2.7		
		86.0	73.4	36.2	24.0	3.5	29.5	20.0	2.9	27.7	19.1	2.7	25.8	18.2	2.8		
			60.8	33.3	31.3	3.4	27.2	26.0	2.8	25.5	24.9	2.6	23.8	23.7	2.7		
			66.2	35.4	32.9	3.4	28.9	27.4	2.8	27.1	26.2	2.7	25.3	24.9	2.8		
		89.6	73.4	36.5	29.8	3.5	29.8	24.8	2.9	27.9	23.7	2.7	26.1	22.6	2.8		
			60.8	33.3	31.3	3.4	27.2	26.0	2.8	25.5	24.9	2.6	23.8	23.7	2.7		
			66.2	35.4	32.9	3.4	28.9	27.4	2.8	27.1	26.2	2.7	25.3	24.9	2.8		
		Medium	924	64.4	48.2	21.2	12.1	2.5	17.3	10.1	2.0	16.3	9.6	1.9	15.2	9.2	2.0
					53.6	22.0	7.9	2.6	18.0	6.6	2.1	16.9	6.3	2.0	15.7	6.0	2.1
					59.0	26.5	8.1	2.8	21.7	6.8	2.3	20.3	6.5	2.2	19.0	6.2	2.3
69.8	53.6			26.4	18.4	3.0	21.6	15.3	2.5	20.2	14.6	2.3	18.9	13.9	2.4		
	59.0			27.1	15.0	3.0	22.1	12.5	2.5	20.7	12.0	2.4	19.3	11.4	2.4		
	66.2			31.5	11.9	3.3	25.7	9.9	2.7	24.1	9.5	2.6	22.5	9.0	2.6		
75.2	60.8			28.3	18.9	3.0	23.1	15.7	2.5	21.6	15.0	2.4	20.2	14.3	2.4		
	66.2			32.1	18.3	3.3	26.2	15.3	2.7	24.6	14.6	2.6	22.9	13.9	2.6		
	73.4			31.5	8.6	3.4	25.7	7.2	2.8	24.1	6.9	2.7	22.5	6.5	2.7		
80.6	60.8			29.5	23.6	3.2	24.1	19.6	2.7	22.6	18.8	2.5	21.1	17.8	2.6		
	66.2			32.8	23.4	3.3	26.8	19.5	2.8	25.1	18.6	2.6	23.4	17.7	2.7		
	73.4			34.7	15.9	3.4	28.4	13.2	2.8	26.6	12.6	2.7	24.8	12.0	2.7		
84.2	66.2			33.4	25.1	3.4	27.3	20.9	2.8	25.6	19.9	2.6	23.9	19.0	2.7		
	60.8			31.1	26.3	3.3	25.3	21.9	2.7	23.8	20.9	2.6	22.2	19.9	2.6		
	66.2			33.8	26.7	3.4	27.6	22.3	2.8	25.8	21.3	2.6	24.1	20.2	2.7		
86.0	73.4			35.4	21.9	3.4	28.9	18.2	2.8	27.1	17.4	2.7	25.3	16.6	2.8		
	60.8			32.7	28.5	3.3	26.7	23.7	2.8	25.0	22.7	2.6	23.3	21.6	2.7		
	66.2			34.7	30.0	3.4	28.4	25.0	2.8	26.6	23.9	2.7	24.8	22.7	2.7		
89.6	73.4			36.5	27.8	3.5	29.8	23.1	2.9	27.9	22.1	2.7	26.1	21.0	2.8		
	60.8			33.3	31.3	3.4	27.2	26.0	2.8	25.5	24.9	2.6	23.8	23.7	2.7		
	66.2			35.4	32.9	3.4	28.9	27.4	2.8	27.1	26.2	2.7	25.3	24.9	2.8		
Low	883			64.4	48.2	20.2	11.0	2.4	16.4	9.2	2.0	15.4	8.8	1.9	14.4	8.3	2.0
					53.6	20.9	7.2	2.6	17.1	6.0	2.1	16.0	5.7	2.0	14.9	5.4	2.0
					59.0	25.2	7.4	2.8	20.6	6.2	2.3	19.3	5.9	2.2	18.0	5.6	2.2
		69.8	53.6	25.1	16.7	3.0	20.5	13.9	2.4	19.2	13.3	2.3	17.9	12.6	2.4		
			59.0	25.7	13.7	3.0	21.0	11.4	2.5	19.6	10.9	2.4	18.3	10.3	2.4		
			66.2	29.9	10.8	3.2	24.4	9.0	2.7	22.8	8.6	2.5	21.3	8.2	2.6		
		75.2	60.8	26.8	17.1	3.0	21.9	14.3	2.5	20.5	13.6	2.4	19.2	13.0	2.4		
			66.2	30.5	16.7	3.3	24.9	13.9	2.7	23.3	13.3	2.6	21.8	12.6	2.6		
			73.4	29.9	7.8	3.4	24.4	6.5	2.8	22.9	6.2	2.7	21.3	5.9	2.7		
		80.6	60.8	28.0	21.4	3.2	22.8	17.8	2.7	21.4	17.0	2.5	20.0	16.2	2.6		
			66.2	31.1	21.2	3.3	25.4	17.7	2.7	23.8	16.9	2.6	22.2	16.1	2.6		
			73.4	33.0	14.4	3.4	26.9	12.0	2.8	25.2	11.5	2.6	23.5	10.9	2.7		
		84.2	66.2	31.7	22.8	3.3	25.9	18.9	2.8	24.3	18.1	2.6	22.7	17.2	2.7		
			60.8	29.5	23.9	3.2	24.1	19.9	2.7	22.6	19.0	2.5	21.0	18.1	2.6		
			66.2	32.0	24.3	3.3	26.1	20.2	2.8	24.5	19.3	2.6	22.9	18.4	2.7		
		86.0	73.4	33.6	19.9	3.4	27.5	16.6	2.8	25.7	15.8	2.7	24.0	15.1	2.7		
			60.8	31.0	25.9	3.3	25.3	21.5	2.7	23.7	20.6	2.6	22.1	19.6	2.6		
			66.2	33.0	27.2	3.4	26.9	22.7	2.8	25.2	21.7	2.6	23.5	20.6	2.7		
		89.6	73.4	36.5	26.6	3.5	29.8	22.1	2.9	27.9	21.1	2.7	26.1	20.1	2.8		
			60.8	33.3	31.3	3.4	27.2	26.0	2.8	25.5	24.9	2.6	23.8	23.7	2.7		
			66.2	35.4	32.9	3.4	28.9	27.4	2.8	27.1	26.2	2.7	25.3	24.9	2.8		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD42NK3CO/GUHD42NM3CO Indoor Unit:GKH42K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)															
				64.4			69.8			77			86			95			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	977	64.4	48.2	18.2	8.9	1.6	19.5	10.1	1.8	22.6	12.4	1.9	23.6	13.6	2.1	24.3	14.8	2.5	
			53.6	18.9	5.8	1.7	20.2	6.6	1.9	23.5	8.1	2.0	24.5	8.9	2.2	25.2	9.6	2.6	
			59.0	22.8	6.0	1.9	24.3	6.8	2.0	28.3	8.3	2.2	29.5	9.2	2.5	30.4	9.9	2.9	
		69.8	53.6	22.7	13.5	2.0	24.2	15.3	2.1	28.1	18.8	2.3	29.4	20.7	2.6	30.3	22.4	3.0	
			59.0	23.2	11.0	2.0	24.8	12.5	2.2	28.8	15.4	2.3	30.1	16.9	2.6	31.0	18.3	3.1	
			66.2	27.0	8.7	2.2	28.8	9.9	2.3	33.5	12.1	2.5	34.9	13.4	2.8	36.0	14.5	3.4	
		75.2	60.8	24.3	13.8	2.0	25.9	15.7	2.2	30.1	19.3	2.3	31.4	21.2	2.6	32.4	23.0	3.1	
			66.2	27.6	13.4	2.2	29.4	15.2	2.4	34.2	18.7	2.5	35.7	20.6	2.9	36.8	22.4	3.4	
			73.4	27.0	6.3	2.3	28.8	7.2	2.5	33.5	8.8	2.6	35.0	9.7	3.0	36.0	10.5	3.5	
		80.6	60.8	25.3	17.3	2.2	27.0	19.6	2.3	31.4	24.1	2.5	32.8	26.5	2.8	33.8	28.8	3.3	
			66.2	28.1	17.1	2.2	30.0	19.4	2.4	34.9	23.9	2.6	36.4	26.3	2.9	37.5	28.5	3.4	
			73.4	29.8	11.6	2.3	31.8	13.2	2.4	37.0	16.2	2.6	38.6	17.8	3.0	39.8	19.4	3.5	
	84.2	66.2	28.7	18.3	2.2	30.6	20.8	2.4	35.6	25.6	2.6	37.1	28.2	2.9	38.3	30.5	3.5		
		60.8	26.7	19.3	2.2	28.5	21.8	2.3	33.1	26.9	2.5	34.5	29.6	2.8	35.6	32.1	3.4		
		66.2	29.0	19.6	2.2	30.9	22.2	2.4	36.0	27.3	2.6	37.5	30.1	2.9	38.7	32.6	3.5		
	86.0	73.4	30.4	16.0	2.3	32.5	18.2	2.5	37.7	22.4	2.6	39.4	24.6	3.0	40.6	26.7	3.5		
		60.8	28.0	20.8	2.2	29.9	23.6	2.4	34.8	29.1	2.6	36.3	32.0	2.9	37.4	34.7	3.4		
		66.2	29.8	22.0	2.3	31.8	24.9	2.4	37.0	30.6	2.6	38.6	33.7	3.0	39.8	36.6	3.5		
	89.6	73.4	30.7	19.9	2.3	32.8	22.5	2.5	38.1	27.8	2.6	39.7	30.6	3.0	41.0	33.2	3.5		
		60.8	17.9	8.1	1.6	19.1	9.2	1.8	22.2	11.3	1.9	23.1	12.4	2.1	23.8	13.5	2.5		
		53.6	18.5	5.3	1.7	19.8	6.0	1.8	23.0	7.4	2.0	24.0	8.1	2.2	24.7	8.8	2.6		
	Medium	924	64.4	48.2	17.0	7.3	1.6	18.1	8.3	1.7	21.0	10.2	1.9	21.9	11.3	2.1	22.6	12.2	2.5
				53.6	17.6	4.8	1.7	18.8	5.4	1.8	21.8	6.7	1.9	22.8	7.4	2.2	23.5	8.0	2.6
				59.0	21.2	4.9	1.9	22.6	5.6	2.0	26.3	6.9	2.1	27.4	7.6	2.4	28.3	8.2	2.8
69.8			53.6	21.1	11.1	1.9	22.5	12.6	2.1	26.2	15.5	2.2	27.3	17.1	2.5	28.1	18.6	3.0	
			59.0	21.6	9.1	2.0	23.1	10.3	2.1	26.8	12.7	2.3	28.0	14.0	2.6	28.8	15.2	3.1	
			66.2	25.1	7.2	2.1	26.8	8.2	2.3	31.2	10.1	2.5	32.5	11.1	2.8	33.5	12.0	3.3	
75.2			60.8	22.6	11.4	2.0	24.1	13.0	2.1	28.0	16.0	2.3	29.2	17.6	2.6	30.1	19.1	3.1	
			66.2	25.7	11.1	2.2	27.4	12.6	2.3	31.8	15.5	2.5	33.2	17.1	2.8	34.2	18.5	3.3	
			73.4	25.1	5.2	2.2	26.8	5.9	2.4	31.2	7.3	2.6	32.5	8.0	2.9	33.5	8.7	3.5	
80.6			60.8	23.6	14.3	2.1	25.1	16.2	2.3	29.2	19.9	2.4	30.5	21.9	2.8	31.4	23.8	3.3	
			66.2	26.2	14.2	2.2	27.9	16.1	2.3	32.5	19.8	2.5	33.9	21.8	2.8	34.9	23.6	3.4	
			73.4	27.7	9.6	2.2	29.6	10.9	2.4	34.4	13.4	2.6	35.9	14.8	2.9	37.0	16.0	3.4	
84.2		66.2	26.7	15.2	2.2	28.5	17.2	2.4	33.1	21.2	2.5	34.5	23.3	2.9	35.6	25.3	3.4		
		60.8	24.8	15.9	2.1	26.5	18.1	2.3	30.8	22.2	2.5	32.1	24.5	2.8	33.1	26.6	3.3		
		66.2	27.0	16.2	2.2	28.8	18.4	2.4	33.4	22.6	2.5	34.9	24.9	2.9	36.0	27.0	3.4		
86.0		73.4	28.3	13.3	2.2	30.2	15.0	2.4	35.1	18.5	2.6	36.6	20.4	2.9	37.7	22.1	3.5		
		60.8	26.1	17.2	2.2	27.8	19.5	2.3	32.3	24.1	2.5	33.7	26.5	2.8	34.8	28.7	3.4		
		66.2	27.7	18.2	2.2	29.6	20.6	2.4	34.4	25.3	2.6	35.9	27.9	2.9	37.0	30.3	3.4		
89.6		73.4	30.7	17.7	2.3	32.8	20.1	2.5	38.1	24.7	2.6	39.7	27.2	3.0	41.0	29.5	3.5		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)												
				102.2			109.4			114.8			118.4			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	977	64.4	48.2	23.8	14.6	2.8	19.5	12.2	2.3	18.2	11.6	2.1	17.0	11.1	2.2	
			53.6	24.7	9.5	2.9	20.2	7.9	2.4	18.9	7.6	2.2	17.7	7.2	2.3	
			59.0	29.8	9.8	3.2	24.3	8.2	2.6	22.8	7.8	2.5	21.3	7.4	2.5	
		69.8	53.6	29.7	22.2	3.3	24.2	18.5	2.7	22.7	17.7	2.6	21.2	16.8	2.7	
			59.0	30.4	18.2	3.4	24.8	15.1	2.8	23.2	14.4	2.6	21.7	13.7	2.7	
			66.2	35.3	14.4	3.7	28.8	12.0	3.0	27.0	11.4	2.8	25.2	10.9	2.9	
		75.2	60.8	31.7	22.8	3.4	25.9	19.0	2.8	24.3	18.1	2.6	22.7	17.2	2.7	
			66.2	36.0	22.1	3.7	29.4	18.4	3.0	27.6	17.6	2.9	25.7	16.7	2.9	
			73.4	35.3	10.4	3.8	28.8	8.7	3.2	27.0	8.3	3.0	25.2	7.9	3.1	
		80.6	60.8	33.1	28.5	3.6	27.0	23.7	3.0	25.3	22.6	2.8	23.6	21.5	2.9	
			66.2	36.8	28.2	3.7	30.0	23.5	3.1	28.1	22.5	2.9	26.3	21.4	3.0	
			73.4	39.0	19.2	3.8	31.8	15.9	3.1	29.8	15.2	3.0	27.8	14.5	3.0	
		84.2	66.2	37.5	30.2	3.8	30.6	25.2	3.1	28.7	24.1	2.9	26.8	22.9	3.0	
			60.8	34.9	31.8	3.7	28.5	26.5	3.0	26.7	25.3	2.8	24.9	24.0	2.9	
			66.2	37.9	32.3	3.8	30.9	26.9	3.1	29.0	25.7	2.9	27.1	24.4	3.0	
		86.0	73.4	39.8	26.4	3.8	32.5	22.0	3.2	30.4	21.0	3.0	28.4	20.0	3.1	
			60.8	36.6	34.4	3.7	29.9	28.6	3.1	28.0	27.4	2.9	26.2	26.0	3.0	
			66.2	39.0	36.2	3.8	31.8	30.1	3.1	29.8	28.8	3.0	27.8	27.4	3.0	
		89.6	73.4	40.2	32.8	3.8	32.8	27.3	3.2	30.7	26.1	3.0	28.7	24.8	3.1	
			64.4	48.2	23.4	13.3	2.7	19.1	11.1	2.3	17.9	10.6	2.1	16.7	10.1	2.2
				53.6	24.2	8.7	2.9	19.8	7.2	2.4	18.5	6.9	2.2	17.3	6.6	2.3
		59.0		29.2	9.0	3.1	23.8	7.5	2.6	22.3	7.1	2.4	20.9	6.8	2.5	
		69.8	53.6	29.1	20.2	3.3	23.7	16.8	2.7	22.2	16.1	2.6	20.8	15.3	2.6	
			59.0	29.8	16.6	3.4	24.3	13.8	2.8	22.8	13.2	2.6	21.3	12.5	2.7	
66.2	34.6		13.1	3.6	28.2	10.9	3.0	26.5	10.4	2.8	24.7	9.9	2.9			
75.2	60.8	31.1	20.8	3.4	25.4	17.3	2.8	23.8	16.5	2.6	22.2	15.7	2.7			
	66.2	35.3	20.2	3.7	28.8	16.8	3.0	27.0	16.1	2.8	25.2	15.3	2.9			
	73.4	34.6	9.5	3.8	28.3	7.9	3.1	26.5	7.6	3.0	24.7	7.2	3.0			
80.6	60.8	32.4	25.9	3.6	26.5	21.6	3.0	24.8	20.6	2.8	23.2	19.6	2.9			
	66.2	36.0	25.7	3.7	29.4	21.4	3.0	27.6	20.5	2.9	25.7	19.5	2.9			
	73.4	38.2	17.5	3.8	31.2	14.5	3.1	29.2	13.9	2.9	27.3	13.2	3.0			
84.2	66.2	36.8	27.6	3.7	30.0	22.9	3.1	28.1	21.9	2.9	26.3	20.9	3.0			
	60.8	34.2	29.0	3.6	27.9	24.1	3.0	26.1	23.0	2.8	24.4	21.9	2.9			
	66.2	37.1	29.4	3.7	30.3	24.5	3.1	28.4	23.4	2.9	26.5	22.3	3.0			
86.0	73.4	39.0	24.1	3.8	31.8	20.1	3.1	29.8	19.2	3.0	27.8	18.2	3.0			
	60.8	35.9	31.3	3.7	29.3	26.1	3.0	27.5	24.9	2.9	25.7	23.7	2.9			
	66.2	38.2	33.0	3.8	31.2	27.5	3.1	29.2	26.3	2.9	27.3	25.0	3.0			
89.6	73.4	40.2	30.5	3.8	32.8	25.4	3.2	30.7	24.3	3.0	28.7	23.1	3.1			
	64.4	48.2	22.2	12.1	2.7	18.1	10.1	2.2	17.0	9.6	2.1	15.8	9.2	2.2		
		53.6	23.0	7.9	2.8	18.8	6.6	2.3	17.6	6.3	2.2	16.4	6.0	2.3		
59.0		27.7	8.1	3.1	22.6	6.8	2.6	21.2	6.5	2.4	19.8	6.2	2.5			
69.8	53.6	27.6	18.4	3.3	22.5	15.3	2.7	21.1	14.6	2.5	19.7	13.9	2.6			
	59.0	28.2	15.0	3.3	23.1	12.5	2.7	21.6	12.0	2.6	20.2	11.4	2.7			
	66.2	32.8	11.9	3.6	26.8	9.9	3.0	25.1	9.5	2.8	23.5	9.0	2.9			
75.2	60.8	29.5	18.9	3.3	24.1	15.7	2.7	22.6	15.0	2.6	21.1	14.3	2.7			
	66.2	33.5	18.3	3.6	27.4	15.3	3.0	25.7	14.6	2.8	23.9	13.9	2.9			
	73.4	32.9	8.6	3.8	26.8	7.2	3.1	25.1	6.9	2.9	23.5	6.5	3.0			
80.6	60.8	30.8	23.6	3.5	25.1	19.6	2.9	23.6	18.7	2.8	22.0	17.8	2.8			
	66.2	34.2	23.4	3.7	27.9	19.5	3.0	26.2	18.6	2.8	24.4	17.7	2.9			
	73.4	36.3	15.9	3.7	29.6	13.2	3.1	27.7	12.6	2.9	25.9	12.0	3.0			
84.2	66.2	34.9	25.0	3.7	28.5	20.8	3.0	26.7	19.9	2.9	24.9	18.9	2.9			
	60.8	32.4	26.3	3.6	26.5	21.9	3.0	24.8	20.9	2.8	23.2	19.9	2.9			
	66.2	35.2	26.7	3.7	28.8	22.2	3.0	27.0	21.3	2.9	25.2	20.2	2.9			
86.0	73.4	37.0	21.9	3.8	30.2	18.2	3.1	28.3	17.4	2.9	26.4	16.6	3.0			
	60.8	34.1	28.5	3.7	27.8	23.7	3.0	26.1	22.6	2.8	24.3	21.5	2.9			
	66.2	36.3	30.0	3.7	29.6	25.0	3.1	27.7	23.8	2.9	25.9	22.7	3.0			
89.6	73.4	40.2	29.2	3.8	32.8	24.3	3.2	30.7	23.2	3.0	28.7	22.1	3.1			

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

4.5.3 GUHD*N*3CO with GTH*K3CI

Outdoor Unit:GUHD09NK3CO Indoor Unit:GTH09K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)															
				64.4			69.8			77			86			95			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	383	64.4	48.2	5.0	2.5	0.4	5.3	2.8	0.4	6.2	3.5	0.5	6.4	3.9	0.5	6.6	4.2	0.6	
			53.6	5.2	1.6	0.4	5.5	1.9	0.5	6.4	2.3	0.5	6.7	2.5	0.6	6.9	2.7	0.7	
			59.0	6.2	1.7	0.5	6.6	1.9	0.5	7.7	2.4	0.5	8.0	2.6	0.6	8.3	2.8	0.7	
		69.8	53.6	6.2	3.8	0.5	6.6	4.3	0.5	7.7	5.3	0.6	8.0	5.9	0.6	8.3	6.4	0.8	
			59.0	6.3	3.1	0.5	6.8	3.5	0.5	7.9	4.4	0.6	8.2	4.8	0.7	8.5	5.2	0.8	
			66.2	7.4	2.5	0.5	7.9	2.8	0.6	9.1	3.4	0.6	9.5	3.8	0.7	9.8	4.1	0.8	
		75.2	60.8	6.6	3.9	0.5	7.1	4.4	0.5	8.2	5.5	0.6	8.6	6.0	0.7	8.8	6.5	0.8	
			66.2	7.5	3.8	0.6	8.0	4.3	0.6	9.3	5.3	0.6	9.7	5.8	0.7	10.0	6.3	0.8	
			73.4	7.4	1.8	0.6	7.9	2.0	0.6	9.1	2.5	0.7	9.5	2.7	0.8	9.8	3.0	0.9	
		80.6	60.8	6.9	4.9	0.5	7.4	5.5	0.6	8.6	6.8	0.6	8.9	7.5	0.7	9.2	8.2	0.8	
			66.2	7.7	4.9	0.6	8.2	5.5	0.6	9.5	6.8	0.6	9.9	7.5	0.7	10.2	8.1	0.9	
			73.4	8.1	3.3	0.6	8.7	3.7	0.6	10.1	4.6	0.7	10.5	5.1	0.7	10.9	5.5	0.9	
	84.2	66.2	7.8	5.2	0.6	8.4	5.9	0.6	9.7	7.2	0.6	10.1	8.0	0.7	10.4	8.7	0.9		
		60.8	7.3	5.5	0.5	7.8	6.2	0.6	9.0	7.6	0.6	9.4	8.4	0.7	9.7	9.1	0.8		
		66.2	7.9	5.5	0.6	8.4	6.3	0.6	9.8	7.7	0.6	10.2	8.5	0.7	10.5	9.2	0.9		
	86.0	73.4	8.3	4.5	0.6	8.9	5.1	0.6	10.3	6.3	0.7	10.7	7.0	0.8	11.1	7.6	0.9		
		60.8	7.6	5.9	0.6	8.2	6.7	0.6	9.5	8.2	0.6	9.9	9.1	0.7	10.2	9.8	0.9		
		66.2	8.1	6.2	0.6	8.7	7.1	0.6	10.1	8.7	0.7	10.5	9.6	0.7	10.9	10.4	0.9		
	89.6	73.4	8.4	5.6	0.6	8.9	6.4	0.6	10.4	7.9	0.7	10.8	8.7	0.8	11.2	9.4	0.9		
		48.2	4.9	2.3	0.4	5.2	2.6	0.4	6.0	3.2	0.5	6.3	3.5	0.5	6.5	3.8	0.6		
		53.6	5.1	1.5	0.4	5.4	1.7	0.5	6.3	2.1	0.5	6.5	2.3	0.6	6.7	2.5	0.7		
	Medium	324	64.4	59.0	6.1	1.5	0.5	6.5	1.7	0.5	7.6	2.1	0.5	7.9	2.4	0.6	8.1	2.6	0.7
				53.6	6.1	3.5	0.5	6.5	3.9	0.5	7.5	4.9	0.6	7.8	5.3	0.6	8.1	5.8	0.8
				59.0	6.2	2.8	0.5	6.6	3.2	0.5	7.7	4.0	0.6	8.0	4.4	0.7	8.3	4.7	0.8
69.8			66.2	7.2	2.2	0.5	7.7	2.5	0.6	9.0	3.1	0.6	9.3	3.5	0.7	9.6	3.7	0.8	
			60.8	6.5	3.6	0.5	6.9	4.0	0.5	8.0	5.0	0.6	8.4	5.5	0.7	8.7	5.9	0.8	
			66.2	7.4	3.5	0.5	7.9	3.9	0.6	9.1	4.8	0.6	9.5	5.3	0.7	9.8	5.8	0.8	
75.2			73.4	7.2	1.6	0.6	7.7	1.8	0.6	9.0	2.3	0.7	9.3	2.5	0.7	9.6	2.7	0.9	
			60.8	6.8	4.5	0.5	7.2	5.1	0.6	8.4	6.2	0.6	8.8	6.8	0.7	9.0	7.4	0.8	
			66.2	7.5	4.4	0.6	8.0	5.0	0.6	9.3	6.2	0.6	9.7	6.8	0.7	10.0	7.4	0.8	
80.6			73.4	8.0	3.0	0.6	8.5	3.4	0.6	9.9	4.2	0.6	10.3	4.6	0.7	10.6	5.0	0.9	
			66.2	7.7	4.7	0.6	8.2	5.4	0.6	9.5	6.6	0.6	9.9	7.3	0.7	10.2	7.9	0.9	
			60.8	7.1	5.0	0.5	7.6	5.6	0.6	8.8	6.9	0.6	9.2	7.6	0.7	9.5	8.3	0.8	
86.0		66.2	7.7	5.1	0.6	8.3	5.7	0.6	9.6	7.1	0.6	10.0	7.8	0.7	10.3	8.4	0.9		
		73.4	8.1	4.1	0.6	8.7	4.7	0.6	10.1	5.8	0.7	10.5	6.4	0.7	10.8	6.9	0.9		
		60.8	7.5	5.4	0.6	8.0	6.1	0.6	9.3	7.5	0.6	9.7	8.3	0.7	10.0	9.0	0.8		
89.6		66.2	8.0	5.7	0.6	8.5	6.4	0.6	9.9	7.9	0.6	10.3	8.7	0.7	10.6	9.5	0.9		
		73.4	8.4	5.2	0.6	8.9	5.9	0.6	10.4	7.3	0.7	10.8	8.1	0.8	11.2	8.7	0.9		
		48.2	4.6	2.1	0.4	4.9	2.4	0.4	5.7	2.9	0.5	6.0	3.2	0.5	6.2	3.5	0.6		
Low		265	64.4	53.6	4.8	1.4	0.4	5.1	1.5	0.5	6.0	1.9	0.5	6.2	2.1	0.6	6.4	2.3	0.6
				59.0	5.8	1.4	0.5	6.2	1.6	0.5	7.2	2.0	0.5	7.5	2.1	0.6	7.7	2.3	0.7
				53.6	5.8	3.2	0.5	6.1	3.6	0.5	7.1	4.4	0.6	7.4	4.9	0.6	7.7	5.3	0.7
			69.8	59.0	5.9	2.6	0.5	6.3	2.9	0.5	7.3	3.6	0.6	7.6	4.0	0.7	7.9	4.3	0.8
				66.2	6.9	2.0	0.5	7.3	2.3	0.6	8.5	2.9	0.6	8.9	3.1	0.7	9.1	3.4	0.8
				60.8	6.2	3.2	0.5	6.6	3.7	0.5	7.6	4.5	0.6	8.0	5.0	0.7	8.2	5.4	0.8
	75.2		66.2	7.0	3.1	0.5	7.5	3.6	0.6	8.7	4.4	0.6	9.0	4.8	0.7	9.3	5.2	0.8	
			73.4	6.9	1.5	0.6	7.3	1.7	0.6	8.5	2.1	0.6	8.9	2.3	0.7	9.1	2.5	0.9	
			60.8	6.4	4.0	0.5	6.9	4.6	0.6	8.0	5.6	0.6	8.3	6.2	0.7	8.6	6.7	0.8	
	80.6		66.2	7.1	4.0	0.5	7.6	4.6	0.6	8.9	5.6	0.6	9.2	6.2	0.7	9.5	6.7	0.8	
			73.4	7.6	2.7	0.6	8.1	3.1	0.6	9.4	3.8	0.6	9.8	4.2	0.7	10.1	4.5	0.9	
			66.2	7.3	4.3	0.6	7.8	4.9	0.6	9.0	6.0	0.6	9.4	6.6	0.7	9.7	7.2	0.8	
	84.2	60.8	6.8	4.5	0.5	7.2	5.1	0.6	8.4	6.3	0.6	8.8	6.9	0.7	9.0	7.5	0.8		
		66.2	7.4	4.6	0.6	7.8	5.2	0.6	9.1	6.4	0.6	9.5	7.1	0.7	9.8	7.7	0.8		
		73.4	7.7	3.8	0.6	8.2	4.3	0.6	9.6	5.2	0.6	10.0	5.8	0.7	10.3	6.3	0.9		
	86.0	60.8	7.1	4.9	0.5	7.6	5.5	0.6	8.8	6.8	0.6	9.2	7.5	0.7	9.5	8.2	0.8		
		66.2	7.6	5.2	0.6	8.1	5.8	0.6	9.4	7.2	0.6	9.8	7.9	0.7	10.1	8.6	0.9		
		73.4	8.4	5.0	0.6	8.9	5.7	0.6	10.4	7.0	0.7	10.8	7.7	0.8	11.2	8.4	0.9		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)													
				102.2			109.4			114.8			118.4				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	383	64.4	48.2	6.5	4.1	0.7	5.3	3.5	0.6	5.0	3.3	0.5	4.6	3.1	0.6		
			53.6	6.7	2.7	0.7	5.5	2.3	0.6	5.2	2.2	0.6	4.8	2.0	0.6		
			59.0	8.1	2.8	0.8	6.6	2.3	0.7	6.2	2.2	0.6	5.8	2.1	0.6		
		69.8	53.6	8.1	6.3	0.8	6.6	5.2	0.7	6.2	5.0	0.6	5.8	4.8	0.7		
			59.0	8.3	5.1	0.9	6.8	4.3	0.7	6.3	4.1	0.7	5.9	3.9	0.7		
			66.2	9.6	4.1	0.9	7.9	3.4	0.8	7.4	3.2	0.7	6.9	3.1	0.7		
		75.2	60.8	8.7	6.5	0.9	7.1	5.4	0.7	6.6	5.1	0.7	6.2	4.9	0.7		
			66.2	9.8	6.3	0.9	8.0	5.2	0.8	7.5	5.0	0.7	7.0	4.7	0.7		
			73.4	9.6	3.0	1.0	7.9	2.5	0.8	7.4	2.3	0.8	6.9	2.2	0.8		
		80.6	60.8	9.0	8.1	0.9	7.4	6.7	0.7	6.9	6.4	0.7	6.4	6.1	0.7		
			66.2	10.0	8.0	0.9	8.2	6.7	0.8	7.7	6.4	0.7	7.2	6.1	0.7		
			73.4	10.6	5.4	1.0	8.7	4.5	0.8	8.1	4.3	0.7	7.6	4.1	0.8		
		84.2	66.2	10.2	8.6	0.9	8.4	7.1	0.8	7.8	6.8	0.7	7.3	6.5	0.8		
			60.8	9.5	9.0	0.9	7.8	7.5	0.8	7.3	7.2	0.7	6.8	6.8	0.7		
			66.2	10.3	9.2	0.9	8.4	7.6	0.8	7.9	7.3	0.7	7.4	6.9	0.8		
		86.0	73.4	10.8	7.5	1.0	8.9	6.2	0.8	8.3	6.0	0.8	7.7	5.7	0.8		
			60.8	10.0	9.7	0.9	8.2	8.1	0.8	7.6	7.8	0.7	7.1	7.4	0.7		
			66.2	10.6	10.3	1.0	8.7	8.5	0.8	8.1	8.2	0.7	7.6	7.8	0.8		
		89.6	73.4	11.0	9.3	1.0	8.9	7.7	0.8	8.4	7.4	0.8	7.8	7.0	0.8		
			64.4	48.2	6.4	3.8	0.7	5.2	3.1	0.6	4.9	3.0	0.5	4.6	2.9	0.5	
			53.6	6.6	2.5	0.7	5.4	2.1	0.6	5.1	2.0	0.6	4.7	1.9	0.6		
		Medium	324	64.4	59.0	8.0	2.5	0.8	6.5	2.1	0.6	6.1	2.0	0.6	5.7	1.9	0.6
					53.6	7.9	5.7	0.8	6.5	4.8	0.7	6.1	4.6	0.6	5.7	4.3	0.7
					59.0	8.1	4.7	0.8	6.6	3.9	0.7	6.2	3.7	0.7	5.8	3.6	0.7
69.8	66.2			9.4	3.7	0.9	7.7	3.1	0.7	7.2	3.0	0.7	6.7	2.8	0.7		
	60.8			8.5	5.9	0.8	6.9	4.9	0.7	6.5	4.7	0.7	6.1	4.5	0.7		
	66.2			9.6	5.7	0.9	7.9	4.8	0.8	7.4	4.6	0.7	6.9	4.3	0.7		
75.2	73.4			9.4	2.7	1.0	7.7	2.2	0.8	7.2	2.1	0.7	6.7	2.0	0.8		
	60.8			8.8	7.4	0.9	7.2	6.1	0.7	6.8	5.9	0.7	6.3	5.6	0.7		
	66.2			9.8	7.3	0.9	8.0	6.1	0.8	7.5	5.8	0.7	7.0	5.5	0.7		
80.6	73.4			10.4	4.9	0.9	8.5	4.1	0.8	8.0	3.9	0.7	7.4	3.7	0.8		
	66.2			10.0	7.8	0.9	8.2	6.5	0.8	7.7	6.2	0.7	7.2	5.9	0.7		
	60.8			9.3	8.2	0.9	7.6	6.8	0.7	7.1	6.5	0.7	6.7	6.2	0.7		
84.2	66.2			10.1	8.3	0.9	8.3	6.9	0.8	7.7	6.6	0.7	7.2	6.3	0.7		
	73.4			10.6	6.8	1.0	8.7	5.7	0.8	8.1	5.4	0.7	7.6	5.2	0.8		
	60.8			9.8	8.9	0.9	8.0	7.4	0.8	7.5	7.1	0.7	7.0	6.7	0.7		
89.6	66.2			10.4	9.4	0.9	8.5	7.8	0.8	8.0	7.4	0.7	7.4	7.1	0.8		
	73.4			11.0	8.7	1.0	8.9	7.2	0.8	8.4	6.9	0.8	7.8	6.5	0.8		
	64.4			48.2	6.0	3.4	0.7	4.9	2.9	0.6	4.6	2.7	0.5	4.3	2.6	0.5	
Low	265			64.4	53.6	6.3	2.2	0.7	5.1	1.9	0.6	4.8	1.8	0.6	4.5	1.7	0.6
					59.0	7.6	2.3	0.8	6.2	1.9	0.6	5.8	1.8	0.6	5.4	1.7	0.6
					53.6	7.5	5.2	0.8	6.1	4.3	0.7	5.8	4.1	0.6	5.4	3.9	0.7
				69.8	59.0	7.7	4.3	0.8	6.3	3.5	0.7	5.9	3.4	0.7	5.5	3.2	0.7
					66.2	9.0	3.4	0.9	7.3	2.8	0.7	6.9	2.7	0.7	6.4	2.6	0.7
					60.8	8.0	5.3	0.8	6.6	4.5	0.7	6.2	4.3	0.7	5.7	4.0	0.7
		75.2	66.2	9.1	5.2	0.9	7.5	4.3	0.7	7.0	4.1	0.7	6.5	3.9	0.7		
			73.4	9.0	2.4	0.9	7.3	2.0	0.8	6.9	1.9	0.7	6.4	1.8	0.8		
			60.8	8.4	6.7	0.9	6.9	5.6	0.7	6.4	5.3	0.7	6.0	5.1	0.7		
		80.6	66.2	9.3	6.6	0.9	7.6	5.5	0.8	7.1	5.3	0.7	6.7	5.0	0.7		
			73.4	9.9	4.5	0.9	8.1	3.7	0.8	7.6	3.6	0.7	7.1	3.4	0.7		
			66.2	9.5	7.1	0.9	7.8	5.9	0.8	7.3	5.6	0.7	6.8	5.4	0.7		
		84.2	60.8	8.8	7.5	0.9	7.2	6.2	0.7	6.8	5.9	0.7	6.3	5.6	0.7		
			66.2	9.6	7.6	0.9	7.8	6.3	0.8	7.4	6.0	0.7	6.9	5.7	0.7		
			73.4	10.1	6.2	0.9	8.2	5.2	0.8	7.7	4.9	0.7	7.2	4.7	0.8		
		89.6	60.8	9.3	8.1	0.9	7.6	6.7	0.8	7.1	6.4	0.7	6.6	6.1	0.7		
			66.2	9.9	8.5	0.9	8.1	7.1	0.8	7.6	6.8	0.7	7.1	6.4	0.7		
			73.4	11.0	8.3	1.0	8.9	6.9	0.8	8.4	6.6	0.8	7.8	6.3	0.8		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD12NK3CO Indoor Unit:GTH12K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)															
				64.4			69.8			77			86			95			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	412	64.4	48.2	5.6	2.8	0.5	6.0	3.2	0.5	7.0	4.0	0.6	7.3	4.4	0.7	7.5	4.7	0.8	
			53.6	5.8	1.9	0.5	6.2	2.1	0.6	7.3	2.6	0.6	7.6	2.9	0.7	7.8	3.1	0.8	
			59.0	7.0	1.9	0.6	7.5	2.2	0.6	8.7	2.7	0.7	9.1	2.9	0.8	9.4	3.2	0.9	
		69.8	53.6	7.0	4.3	0.6	7.5	4.9	0.7	8.7	6.0	0.7	9.1	6.6	0.8	9.4	7.2	0.9	
			59.0	7.2	3.5	0.6	7.7	4.0	0.7	8.9	4.9	0.7	9.3	5.4	0.8	9.6	5.9	1.0	
			66.2	8.4	2.8	0.7	8.9	3.2	0.7	10.4	3.9	0.8	10.8	4.3	0.9	11.1	4.7	1.0	
		75.2	60.8	7.5	4.4	0.6	8.0	5.0	0.7	9.3	6.2	0.7	9.7	6.8	0.8	10.0	7.4	1.0	
			66.2	8.5	4.3	0.7	9.1	4.9	0.7	10.6	6.0	0.8	11.0	6.6	0.9	11.4	7.2	1.0	
			73.4	8.4	2.0	0.7	8.9	2.3	0.8	10.4	2.8	0.8	10.8	3.1	0.9	11.1	3.4	1.1	
		80.6	60.8	7.8	5.5	0.7	8.4	6.3	0.7	9.7	7.7	0.8	10.1	8.5	0.9	10.4	9.2	1.0	
			66.2	8.7	5.5	0.7	9.3	6.2	0.7	10.8	7.7	0.8	11.3	8.4	0.9	11.6	9.2	1.1	
			73.4	9.2	3.7	0.7	9.8	4.2	0.8	11.4	5.2	0.8	11.9	5.7	0.9	12.3	6.2	1.1	
	84.2	66.2	8.9	5.9	0.7	9.5	6.7	0.7	11.0	8.2	0.8	11.5	9.0	0.9	11.8	9.8	1.1		
		60.8	8.2	6.2	0.7	8.8	7.0	0.7	10.2	8.6	0.8	10.7	9.5	0.9	11.0	10.3	1.0		
		66.2	9.0	6.3	0.7	9.6	7.1	0.7	11.1	8.8	0.8	11.6	9.7	0.9	11.9	10.5	1.1		
	86.0	73.4	9.4	5.1	0.7	10.0	5.8	0.8	11.7	7.2	0.8	12.2	7.9	0.9	12.5	8.6	1.1		
		60.8	8.7	6.7	0.7	9.2	7.6	0.7	10.7	9.3	0.8	11.2	10.3	0.9	11.6	11.2	1.1		
		66.2	9.2	7.1	0.7	9.8	8.0	0.8	11.4	9.8	0.8	11.9	10.8	0.9	12.3	11.8	1.1		
	89.6	73.4	9.5	6.4	0.7	10.1	7.2	0.8	11.8	8.9	0.8	12.3	9.8	0.9	12.7	10.7	1.1		
		60.8	8.5	6.1	0.7	9.1	6.9	0.7	10.5	8.5	0.8	11.0	9.4	0.9	11.3	10.2	1.0		
		66.2	9.0	6.4	0.7	9.6	7.3	0.7	11.2	9.0	0.8	11.7	9.9	0.9	12.1	10.7	1.1		
	Medium	353	64.4	48.2	5.5	2.6	0.5	5.9	2.9	0.5	6.9	3.6	0.6	7.1	4.0	0.7	7.4	4.3	0.8
				53.6	5.7	1.7	0.5	6.1	1.9	0.6	7.1	2.4	0.6	7.4	2.6	0.7	7.6	2.8	0.8
				59.0	6.9	1.7	0.6	7.4	2.0	0.6	8.6	2.4	0.7	8.9	2.7	0.8	9.2	2.9	0.9
69.8			53.6	6.9	3.9	0.6	7.3	4.5	0.7	8.5	5.5	0.7	8.9	6.1	0.8	9.2	6.6	0.9	
			59.0	7.0	3.2	0.6	7.5	3.7	0.7	8.7	4.5	0.7	9.1	5.0	0.8	9.4	5.4	1.0	
			66.2	8.2	2.5	0.7	8.7	2.9	0.7	10.2	3.6	0.8	10.6	3.9	0.9	10.9	4.2	1.0	
75.2			60.8	7.4	4.0	0.6	7.8	4.6	0.7	9.1	5.6	0.7	9.5	6.2	0.8	9.8	6.7	1.0	
			66.2	8.4	3.9	0.7	8.9	4.5	0.7	10.4	5.5	0.8	10.8	6.0	0.9	11.1	6.5	1.0	
			73.4	8.2	1.8	0.7	8.7	2.1	0.8	10.2	2.6	0.8	10.6	2.8	0.9	10.9	3.1	1.1	
80.6			60.8	7.7	5.1	0.7	8.2	5.7	0.7	9.5	7.0	0.8	9.9	7.8	0.9	10.2	8.4	1.0	
			66.2	8.5	5.0	0.7	9.1	5.7	0.7	10.6	7.0	0.8	11.0	7.7	0.9	11.4	8.4	1.0	
			73.4	9.0	3.4	0.7	9.6	3.9	0.7	11.2	4.7	0.8	11.7	5.2	0.9	12.1	5.7	1.1	
84.2		66.2	8.7	5.4	0.7	9.3	6.1	0.7	10.8	7.5	0.8	11.2	8.2	0.9	11.6	8.9	1.1		
		60.8	8.1	5.6	0.7	8.6	6.4	0.7	10.0	7.9	0.8	10.4	8.7	0.9	10.8	9.4	1.0		
		66.2	8.8	5.7	0.7	9.4	6.5	0.7	10.9	8.0	0.8	11.4	8.8	0.9	11.7	9.5	1.1		
86.0		73.4	9.2	4.7	0.7	9.8	5.3	0.8	11.4	6.5	0.8	11.9	7.2	0.9	12.3	7.8	1.1		
		60.8	8.5	6.1	0.7	9.1	6.9	0.7	10.5	8.5	0.8	11.0	9.4	0.9	11.3	10.2	1.0		
		66.2	9.0	6.4	0.7	9.6	7.3	0.7	11.2	9.0	0.8	11.7	9.9	0.9	12.1	10.7	1.1		
89.6		73.4	9.5	5.9	0.7	10.1	6.7	0.8	11.8	8.3	0.8	12.3	9.1	0.9	12.7	9.9	1.1		
		60.8	8.5	6.1	0.7	9.1	6.9	0.7	10.5	8.5	0.8	11.0	9.4	0.9	11.3	10.2	1.0		
		66.2	9.0	6.4	0.7	9.6	7.3	0.7	11.2	9.0	0.8	11.7	9.9	0.9	12.1	10.7	1.1		
Low		294	64.4	48.2	5.2	2.4	0.5	5.6	2.7	0.5	6.5	3.3	0.6	6.8	3.6	0.7	7.0	3.9	0.8
				53.6	5.4	1.5	0.5	5.8	1.7	0.6	6.7	2.1	0.6	7.0	2.4	0.7	7.3	2.6	0.8
				59.0	6.6	1.6	0.6	7.0	1.8	0.6	8.1	2.2	0.7	8.5	2.4	0.7	8.7	2.6	0.9
	69.8		53.6	6.5	3.6	0.6	7.0	4.1	0.6	8.1	5.0	0.7	8.4	5.5	0.8	8.7	6.0	0.9	
			59.0	6.7	2.9	0.6	7.1	3.3	0.7	8.3	4.1	0.7	8.6	4.5	0.8	8.9	4.9	0.9	
			66.2	7.8	2.3	0.7	8.3	2.6	0.7	9.6	3.2	0.8	10.0	3.6	0.9	10.4	3.9	1.0	
	75.2		60.8	7.0	3.7	0.6	7.4	4.2	0.7	8.7	5.1	0.7	9.0	5.6	0.8	9.3	6.1	0.9	
			66.2	7.9	3.6	0.7	8.5	4.0	0.7	9.8	5.0	0.8	10.3	5.5	0.9	10.6	5.9	1.0	
			73.4	7.8	1.7	0.7	8.3	1.9	0.7	9.6	2.3	0.8	10.1	2.6	0.9	10.4	2.8	1.1	
	80.6		60.8	7.3	4.6	0.7	7.8	5.2	0.7	9.0	6.4	0.8	9.4	7.0	0.9	9.7	7.6	1.0	
			66.2	8.1	4.6	0.7	8.6	5.2	0.7	10.0	6.3	0.8	10.5	7.0	0.9	10.8	7.6	1.0	
			73.4	8.6	3.1	0.7	9.1	3.5	0.7	10.6	4.3	0.8	11.1	4.7	0.9	11.4	5.1	1.1	
	84.2	66.2	8.3	4.9	0.7	8.8	5.5	0.7	10.2	6.8	0.8	10.7	7.5	0.9	11.0	8.1	1.0		
		60.8	7.7	5.1	0.7	8.2	5.8	0.7	9.5	7.1	0.8	9.9	7.9	0.9	10.2	8.5	1.0		
		66.2	8.3	5.2	0.7	8.9	5.9	0.7	10.3	7.3	0.8	10.8	8.0	0.9	11.1	8.7	1.0		
	86.0	73.4	8.8	4.3	0.7	9.3	4.8	0.7	10.9	5.9	0.8	11.3	6.5	0.9	11.7	7.1	1.1		
		60.8	8.1	5.5	0.7	8.6	6.3	0.7	10.0	7.7	0.8	10.4	8.5	0.9	10.7	9.2	1.0		
		66.2	8.6	5.8	0.7	9.1	6.6	0.7	10.6	8.1	0.8	11.1	9.0	0.9	11.4	9.7	1.1		
	89.6	73.4	9.5	5.7	0.7	10.1	6.4	0.8	11.8	7.9	0.8	12.3	8.7	0.9	12.7	9.5	1.1		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)											
				102.2			109.4			114.8			118.4		
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
High	412	64.4	48.2	7.4	4.7	0.9	6.0	3.9	0.7	5.6	3.7	0.7	5.3	3.6	0.7
			53.6	7.6	3.1	0.9	6.2	2.6	0.7	5.8	2.4	0.7	5.5	2.3	0.7
			59.0	9.2	3.2	1.0	7.5	2.6	0.8	7.0	2.5	0.8	6.6	2.4	0.8
		69.8	53.6	9.2	7.1	1.0	7.5	5.9	0.8	7.0	5.7	0.8	6.5	5.4	0.8
			59.0	9.4	5.8	1.1	7.7	4.9	0.9	7.2	4.6	0.8	6.7	4.4	0.8
			66.2	10.9	4.6	1.1	8.9	3.8	0.9	8.4	3.7	0.9	7.8	3.5	0.9
		75.2	60.8	9.8	7.3	1.1	8.0	6.1	0.9	7.5	5.8	0.8	7.0	5.5	0.8
			66.2	11.1	7.1	1.1	9.1	5.9	0.9	8.5	5.7	0.9	8.0	5.4	0.9
			73.4	10.9	3.3	1.2	8.9	2.8	1.0	8.4	2.7	0.9	7.8	2.5	0.9
		80.6	60.8	10.2	9.1	1.1	8.4	7.6	0.9	7.8	7.3	0.9	7.3	6.9	0.9
			66.2	11.4	9.1	1.2	9.3	7.6	1.0	8.7	7.2	0.9	8.1	6.9	0.9
			73.4	12.1	6.2	1.2	9.8	5.1	1.0	9.2	4.9	0.9	8.6	4.7	0.9
		84.2	66.2	11.6	9.7	1.2	9.5	8.1	1.0	8.9	7.7	0.9	8.3	7.4	0.9
			60.8	10.8	10.2	1.1	8.8	8.5	0.9	8.2	8.1	0.9	7.7	7.7	0.9
			66.2	11.7	10.4	1.2	9.6	8.6	1.0	9.0	8.3	0.9	8.4	7.8	0.9
		86.0	73.4	12.3	8.5	1.2	10.0	7.1	1.0	9.4	6.8	0.9	8.8	6.4	0.9
			60.8	11.3	11.0	1.2	9.2	9.2	1.0	8.7	8.8	0.9	8.1	8.4	0.9
			66.2	12.1	11.6	1.2	9.8	9.7	1.0	9.2	9.3	0.9	8.6	8.8	0.9
89.6	73.4	12.4	10.5	1.2	10.1	8.8	1.0	9.5	8.4	0.9	8.9	8.0	0.9		
	48.2	7.2	4.3	0.8	5.9	3.6	0.7	5.5	3.4	0.7	5.2	3.2	0.7		
	53.6	7.5	2.8	0.9	6.1	2.3	0.7	5.7	2.2	0.7	5.4	2.1	0.7		
Medium	353	64.4	59.0	9.0	2.9	1.0	7.4	2.4	0.8	6.9	2.3	0.8	6.4	2.2	0.8
			53.6	9.0	6.5	1.0	7.3	5.4	0.8	6.9	5.2	0.8	6.4	4.9	0.8
			59.0	9.2	5.3	1.0	7.5	4.4	0.9	7.0	4.2	0.8	6.6	4.0	0.8
		69.8	66.2	10.7	4.2	1.1	8.7	3.5	0.9	8.2	3.3	0.9	7.6	3.2	0.9
			60.8	9.6	6.7	1.0	7.8	5.6	0.9	7.4	5.3	0.8	6.9	5.0	0.8
			66.2	10.9	6.5	1.1	8.9	5.4	0.9	8.4	5.2	0.9	7.8	4.9	0.9
		75.2	73.4	10.7	3.0	1.2	8.7	2.5	1.0	8.2	2.4	0.9	7.6	2.3	0.9
			60.8	10.0	8.3	1.1	8.2	6.9	0.9	7.7	6.6	0.9	7.2	6.3	0.9
			66.2	11.1	8.3	1.1	9.1	6.9	0.9	8.5	6.6	0.9	8.0	6.3	0.9
		80.6	73.4	11.8	5.6	1.2	9.6	4.7	1.0	9.0	4.5	0.9	8.4	4.2	0.9
			66.2	11.4	8.9	1.2	9.3	7.4	1.0	8.7	7.0	0.9	8.1	6.7	0.9
			60.8	10.6	9.3	1.1	8.6	7.7	0.9	8.1	7.4	0.9	7.5	7.0	0.9
		86.0	66.2	11.5	9.5	1.2	9.4	7.9	1.0	8.8	7.5	0.9	8.2	7.2	0.9
			73.4	12.0	7.7	1.2	9.8	6.4	1.0	9.2	6.2	0.9	8.6	5.9	0.9
			60.8	11.1	10.1	1.1	9.1	8.4	0.9	8.5	8.0	0.9	7.9	7.6	0.9
		89.6	66.2	11.8	10.6	1.2	9.6	8.8	1.0	9.0	8.4	0.9	8.4	8.0	0.9
			73.4	12.4	9.8	1.2	10.1	8.2	1.0	9.5	7.8	0.9	8.9	7.4	0.9
			48.2	6.9	3.9	0.8	5.6	3.2	0.7	5.2	3.1	0.7	4.9	2.9	0.7
Low	294	64.4	53.6	7.1	2.5	0.9	5.8	2.1	0.7	5.4	2.0	0.7	5.1	1.9	0.7
			59.0	8.6	2.6	1.0	7.0	2.2	0.8	6.6	2.1	0.7	6.1	2.0	0.8
			53.6	8.5	5.9	1.0	7.0	4.9	0.8	6.5	4.7	0.8	6.1	4.5	0.8
		69.8	59.0	8.7	4.8	1.0	7.1	4.0	0.9	6.7	3.8	0.8	6.2	3.7	0.8
			66.2	10.2	3.8	1.1	8.3	3.2	0.9	7.8	3.0	0.9	7.3	2.9	0.9
			60.8	9.1	6.1	1.0	7.4	5.0	0.9	7.0	4.8	0.8	6.5	4.6	0.8
		75.2	66.2	10.4	5.9	1.1	8.5	4.9	0.9	7.9	4.7	0.9	7.4	4.5	0.9
			73.4	10.2	2.8	1.2	8.3	2.3	1.0	7.8	2.2	0.9	7.3	2.1	0.9
			60.8	9.5	7.6	1.1	7.8	6.3	0.9	7.3	6.0	0.9	6.8	5.7	0.9
		80.6	66.2	10.6	7.5	1.1	8.6	6.3	0.9	8.1	6.0	0.9	7.6	5.7	0.9
			73.4	11.2	5.1	1.2	9.1	4.2	1.0	8.6	4.1	0.9	8.0	3.9	0.9
			66.2	10.8	8.0	1.1	8.8	6.7	0.9	8.3	6.4	0.9	7.7	6.1	0.9
		84.2	60.8	10.0	8.5	1.1	8.2	7.0	0.9	7.7	6.7	0.9	7.2	6.4	0.9
			66.2	10.9	8.6	1.1	8.9	7.1	0.9	8.3	6.8	0.9	7.8	6.5	0.9
			73.4	11.4	7.0	1.2	9.3	5.9	1.0	8.8	5.6	0.9	8.2	5.3	0.9
		86.0	60.8	10.5	9.1	1.1	8.6	7.6	0.9	8.1	7.3	0.9	7.5	6.9	0.9
			66.2	11.2	9.6	1.2	9.1	8.0	1.0	8.6	7.7	0.9	8.0	7.3	0.9
			73.4	12.4	9.4	1.2	10.1	7.8	1.0	9.5	7.5	0.9	8.9	7.1	0.9

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD18NK3CO Indoor Unit:GTH18K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)															
				64.4			69.8			77			86			95			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	530	64.4	48.2	8.8	4.4	0.8	9.4	5.0	0.9	10.9	6.2	0.9	11.4	6.8	1.0	11.7	7.4	1.2	
			53.6	9.1	2.9	0.8	9.7	3.3	0.9	11.3	4.0	1.0	11.8	4.5	1.1	12.2	4.8	1.3	
			59.0	11.0	3.0	0.9	11.7	3.4	1.0	13.6	4.2	1.1	14.2	4.6	1.2	14.6	5.0	1.4	
		69.8	53.6	10.9	6.7	1.0	11.7	7.6	1.0	13.6	9.4	1.1	14.1	10.4	1.3	14.6	11.2	1.5	
			59.0	11.2	5.5	1.0	11.9	6.2	1.1	13.9	7.7	1.1	14.5	8.5	1.3	14.9	9.2	1.5	
			66.2	13.0	4.4	1.1	13.9	4.9	1.1	16.1	6.1	1.2	16.8	6.7	1.4	17.4	7.3	1.6	
		75.2	60.8	11.7	6.9	1.0	12.5	7.8	1.1	14.5	9.7	1.1	15.1	10.6	1.3	15.6	11.5	1.5	
			66.2	13.3	6.7	1.1	14.2	7.6	1.1	16.5	9.4	1.2	17.2	10.3	1.4	17.7	11.2	1.6	
			73.4	13.0	3.2	1.1	13.9	3.6	1.2	16.2	4.4	1.3	16.8	4.9	1.4	17.4	5.3	1.7	
		80.6	60.8	12.2	8.6	1.0	13.0	9.8	1.1	15.1	12.1	1.2	15.8	13.3	1.4	16.3	14.4	1.6	
			66.2	13.6	8.6	1.1	14.5	9.7	1.2	16.8	12.0	1.2	17.5	13.2	1.4	18.1	14.3	1.7	
			73.4	14.4	5.8	1.1	15.3	6.6	1.2	17.8	8.1	1.3	18.6	8.9	1.4	19.2	9.7	1.7	
	84.2	66.2	13.8	9.2	1.1	14.8	10.4	1.2	17.2	12.8	1.2	17.9	14.1	1.4	18.4	15.3	1.7		
		60.8	12.9	9.6	1.1	13.7	10.9	1.1	15.9	13.5	1.2	16.6	14.8	1.4	17.1	16.1	1.6		
		66.2	14.0	9.8	1.1	14.9	11.1	1.2	17.3	13.7	1.2	18.1	15.1	1.4	18.6	16.3	1.7		
	86.0	73.4	14.7	8.0	1.1	15.6	9.1	1.2	18.2	11.2	1.3	19.0	12.3	1.4	19.6	13.4	1.7		
		60.8	13.5	10.4	1.1	14.4	11.8	1.2	16.8	14.6	1.2	17.5	16.0	1.4	18.0	17.4	1.6		
		66.2	14.4	11.0	1.1	15.3	12.5	1.2	17.8	15.3	1.3	18.6	16.9	1.4	19.2	18.3	1.7		
	89.6	73.4	14.8	10.0	1.1	15.8	11.3	1.2	18.4	13.9	1.3	19.2	15.3	1.4	19.7	16.6	1.7		
		48.2	8.6	4.0	0.8	9.2	4.6	0.8	10.7	5.6	0.9	11.1	6.2	1.0	11.5	6.7	1.2		
		53.6	8.9	2.6	0.8	9.5	3.0	0.9	11.1	3.7	0.9	11.6	4.1	1.1	11.9	4.4	1.3		
	Medium	471	64.4	59.0	10.8	2.7	0.9	11.5	3.1	1.0	13.3	3.8	1.0	13.9	4.2	1.2	14.4	4.5	1.4
				53.6	10.7	6.1	0.9	11.4	7.0	1.0	13.3	8.6	1.1	13.9	9.4	1.2	14.3	10.2	1.5
				59.0	11.0	5.0	1.0	11.7	5.7	1.0	13.6	7.0	1.1	14.2	7.7	1.3	14.6	8.4	1.5
69.8			66.2	12.8	4.0	1.0	13.6	4.5	1.1	15.8	5.5	1.2	16.5	6.1	1.4	17.0	6.6	1.6	
			60.8	11.5	6.3	1.0	12.2	7.1	1.0	14.2	8.8	1.1	14.8	9.7	1.3	15.3	10.5	1.5	
			66.2	13.0	6.1	1.1	13.9	6.9	1.1	16.2	8.5	1.2	16.8	9.4	1.4	17.4	10.2	1.6	
75.2			73.4	12.8	2.9	1.1	13.6	3.3	1.2	15.8	4.0	1.3	16.5	4.4	1.4	17.0	4.8	1.7	
			60.8	12.0	7.9	1.0	12.8	8.9	1.1	14.8	11.0	1.2	15.5	12.1	1.3	15.9	13.1	1.6	
			66.2	13.3	7.8	1.1	14.2	8.9	1.1	16.5	10.9	1.2	17.2	12.0	1.4	17.7	13.0	1.6	
80.6			73.4	14.1	5.3	1.1	15.0	6.0	1.2	17.5	7.4	1.2	18.2	8.1	1.4	18.8	8.8	1.7	
			66.2	13.6	8.4	1.1	14.5	9.5	1.2	16.8	11.7	1.2	17.5	12.9	1.4	18.1	13.9	1.6	
			60.8	12.6	8.8	1.0	13.4	10.0	1.1	15.6	12.3	1.2	16.3	13.5	1.4	16.8	14.7	1.6	
84.2		66.2	13.7	8.9	1.1	14.6	10.1	1.2	17.0	12.5	1.2	17.7	13.7	1.4	18.3	14.9	1.6		
		73.4	14.4	7.3	1.1	15.3	8.3	1.2	17.8	10.2	1.3	18.6	11.2	1.4	19.2	12.2	1.7		
		60.8	13.2	9.5	1.1	14.1	10.8	1.1	16.4	13.3	1.2	17.1	14.6	1.4	17.7	15.9	1.6		
89.6		66.2	14.1	10.0	1.1	15.0	11.4	1.2	17.5	14.0	1.2	18.2	15.4	1.4	18.8	16.7	1.7		
		73.4	14.8	9.3	1.1	15.8	10.5	1.2	18.4	12.9	1.3	19.2	14.2	1.4	19.7	15.4	1.7		
		48.2	8.2	3.7	0.8	8.7	4.2	0.8	10.1	5.1	0.9	10.6	5.6	1.0	10.9	6.1	1.2		
Low		412	64.4	53.6	8.5	2.4	0.8	9.0	2.7	0.9	10.5	3.3	0.9	11.0	3.7	1.1	11.3	4.0	1.3
				59.0	10.2	2.5	0.9	10.9	2.8	1.0	12.7	3.4	1.0	13.2	3.8	1.2	13.6	4.1	1.4
				53.6	10.2	5.6	0.9	10.8	6.3	1.0	12.6	7.8	1.1	13.2	8.6	1.2	13.6	9.3	1.4
			69.8	59.0	10.4	4.6	1.0	11.1	5.2	1.0	12.9	6.4	1.1	13.5	7.0	1.3	13.9	7.6	1.5
				66.2	12.1	3.6	1.0	12.9	4.1	1.1	15.0	5.0	1.2	15.7	5.5	1.3	16.1	6.0	1.6
				60.8	10.9	5.7	1.0	11.6	6.5	1.0	13.5	8.0	1.1	14.1	8.8	1.3	14.5	9.5	1.5
	75.2		66.2	12.4	5.6	1.0	13.2	6.3	1.1	15.3	7.8	1.2	16.0	8.5	1.4	16.5	9.3	1.6	
			73.4	12.1	2.6	1.1	12.9	3.0	1.2	15.0	3.7	1.2	15.7	4.0	1.4	16.2	4.4	1.7	
			60.8	11.4	7.2	1.0	12.1	8.1	1.1	14.1	10.0	1.2	14.7	11.0	1.3	15.1	11.9	1.6	
	80.6		66.2	12.6	7.1	1.1	13.5	8.0	1.1	15.6	9.9	1.2	16.3	10.9	1.4	16.8	11.8	1.6	
			73.4	13.4	4.8	1.1	14.3	5.5	1.2	16.6	6.7	1.2	17.3	7.4	1.4	17.8	8.0	1.6	
			66.2	12.9	7.6	1.1	13.7	8.6	1.1	16.0	10.6	1.2	16.6	11.7	1.4	17.2	12.7	1.6	
	84.2	60.8	12.0	8.0	1.0	12.7	9.0	1.1	14.8	11.1	1.2	15.5	12.3	1.3	15.9	13.3	1.6		
		66.2	13.0	8.1	1.1	13.9	9.2	1.1	16.1	11.3	1.2	16.8	12.5	1.4	17.3	13.5	1.6		
		73.4	13.6	6.6	1.1	14.6	7.5	1.2	16.9	9.3	1.2	17.6	10.2	1.4	18.2	11.1	1.7		
	89.6	60.8	12.6	8.6	1.1	13.4	9.8	1.1	15.6	12.1	1.2	16.3	13.3	1.4	16.8	14.4	1.6		
		66.2	13.4	9.1	1.1	14.3	10.3	1.2	16.6	12.7	1.2	17.3	14.0	1.4	17.8	15.2	1.6		
		73.4	14.8	8.9	1.1	15.8	10.1	1.2	18.4	12.4	1.3	19.2	13.6	1.4	19.7	14.8	1.7		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)											
				102.2			109.4			114.8			118.4		
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
High	530	64.4	48.2	11.5	7.3	1.3	9.4	6.1	1.1	8.8	5.8	1.0	8.2	5.5	1.1
			53.6	11.9	4.8	1.4	9.7	4.0	1.1	9.1	3.8	1.1	8.5	3.6	1.1
			59.0	14.4	4.9	1.5	11.7	4.1	1.3	11.0	3.9	1.2	10.3	3.7	1.2
		69.8	53.6	14.3	11.1	1.6	11.7	9.3	1.3	10.9	8.8	1.3	10.2	8.4	1.3
			59.0	14.6	9.1	1.6	11.9	7.6	1.4	11.2	7.2	1.3	10.5	6.9	1.3
			66.2	17.0	7.2	1.8	13.9	6.0	1.5	13.0	5.7	1.4	12.2	5.4	1.4
		75.2	60.8	15.3	11.4	1.6	12.5	9.5	1.4	11.7	9.1	1.3	10.9	8.6	1.3
			66.2	17.4	11.1	1.8	14.2	9.2	1.5	13.3	8.8	1.4	12.4	8.4	1.4
			73.4	17.0	5.2	1.9	13.9	4.3	1.5	13.0	4.1	1.4	12.2	3.9	1.5
		80.6	60.8	15.9	14.3	1.7	13.0	11.9	1.4	12.2	11.3	1.4	11.4	10.8	1.4
			66.2	17.7	14.1	1.8	14.5	11.8	1.5	13.6	11.3	1.4	12.7	10.7	1.4
			73.4	18.8	9.6	1.8	15.3	8.0	1.5	14.4	7.6	1.4	13.4	7.3	1.5
		84.2	66.2	18.1	15.1	1.8	14.8	12.6	1.5	13.8	12.0	1.4	12.9	11.5	1.4
			60.8	16.8	15.9	1.8	13.7	13.2	1.5	12.9	12.7	1.4	12.0	12.0	1.4
			66.2	18.3	16.2	1.8	14.9	13.5	1.5	14.0	12.9	1.4	13.0	12.2	1.4
		86.0	73.4	19.2	13.2	1.9	15.6	11.0	1.5	14.7	10.5	1.4	13.7	10.0	1.5
			60.8	17.7	17.2	1.8	14.4	14.3	1.5	13.5	13.7	1.4	12.6	13.0	1.4
			66.2	18.8	18.1	1.8	15.3	15.1	1.5	14.4	14.4	1.4	13.4	13.7	1.5
89.6	73.4	19.3	16.4	1.9	15.8	13.7	1.5	14.8	13.1	1.4	13.8	12.4	1.5		
	60.8	17.3	17.2	1.8	14.4	14.3	1.5	13.5	13.7	1.4	12.6	13.0	1.4		
	66.2	18.8	18.1	1.8	15.3	15.1	1.5	14.4	14.4	1.4	13.4	13.7	1.5		
Medium	471	64.4	48.2	11.3	6.7	1.3	9.2	5.6	1.1	8.6	5.3	1.0	8.0	5.1	1.1
			53.6	11.7	4.4	1.4	9.5	3.6	1.1	8.9	3.5	1.1	8.3	3.3	1.1
			59.0	14.1	4.5	1.5	11.5	3.7	1.2	10.8	3.6	1.2	10.0	3.4	1.2
		69.8	53.6	14.0	10.1	1.6	11.4	8.4	1.3	10.7	8.1	1.2	10.0	7.7	1.3
			59.0	14.3	8.3	1.6	11.7	6.9	1.3	11.0	6.6	1.3	10.2	6.3	1.3
			66.2	16.7	6.6	1.7	13.6	5.5	1.4	12.8	5.2	1.4	11.9	5.0	1.4
		75.2	60.8	15.0	10.4	1.6	12.2	8.7	1.3	11.5	8.3	1.3	10.7	7.9	1.3
			66.2	17.0	10.1	1.8	13.9	8.4	1.5	13.0	8.0	1.4	12.2	7.6	1.4
			73.4	16.7	4.8	1.8	13.6	4.0	1.5	12.8	3.8	1.4	11.9	3.6	1.5
		80.6	60.8	15.6	13.0	1.7	12.8	10.8	1.4	12.0	10.3	1.3	11.2	9.8	1.4
			66.2	17.4	12.9	1.8	14.2	10.7	1.5	13.3	10.3	1.4	12.4	9.8	1.4
			73.4	18.4	8.7	1.8	15.0	7.3	1.5	14.1	7.0	1.4	13.1	6.6	1.4
		84.2	66.2	17.7	13.8	1.8	14.5	11.5	1.5	13.6	11.0	1.4	12.7	10.4	1.4
			60.8	16.5	14.5	1.7	13.4	12.1	1.4	12.6	11.5	1.4	11.8	11.0	1.4
			66.2	17.9	14.7	1.8	14.6	12.3	1.5	13.7	11.7	1.4	12.8	11.1	1.4
		86.0	73.4	18.8	12.1	1.8	15.3	10.0	1.5	14.4	9.6	1.4	13.4	9.1	1.5
			60.8	17.3	15.7	1.8	14.1	13.1	1.5	13.2	12.5	1.4	12.4	11.9	1.4
			66.2	18.4	16.5	1.8	15.0	13.8	1.5	14.1	13.2	1.4	13.1	12.5	1.4
89.6	73.4	19.3	15.3	1.9	15.8	12.7	1.5	14.8	12.2	1.4	13.8	11.6	1.5		
	60.8	17.3	15.7	1.8	14.1	13.1	1.5	13.2	12.5	1.4	12.4	11.9	1.4		
	66.2	18.4	16.5	1.8	15.0	13.8	1.5	14.1	13.2	1.4	13.1	12.5	1.4		
Low	412	64.4	48.2	10.7	6.1	1.3	8.7	5.0	1.1	8.2	4.8	1.0	7.6	4.6	1.0
			53.6	11.1	4.0	1.4	9.0	3.3	1.1	8.5	3.1	1.1	7.9	3.0	1.1
			59.0	13.3	4.1	1.5	10.9	3.4	1.2	10.2	3.2	1.2	9.5	3.1	1.2
		69.8	53.6	13.3	9.2	1.6	10.8	7.7	1.3	10.2	7.3	1.2	9.5	7.0	1.3
			59.0	13.6	7.5	1.6	11.1	6.3	1.3	10.4	6.0	1.3	9.7	5.7	1.3
			66.2	15.8	6.0	1.7	12.9	5.0	1.4	12.1	4.7	1.3	11.3	4.5	1.4
		75.2	60.8	14.2	9.4	1.6	11.6	7.9	1.3	10.9	7.5	1.3	10.2	7.1	1.3
			66.2	16.2	9.2	1.7	13.2	7.6	1.4	12.4	7.3	1.4	11.5	6.9	1.4
			73.4	15.8	4.3	1.8	12.9	3.6	1.5	12.1	3.4	1.4	11.3	3.3	1.4
		80.6	60.8	14.8	11.8	1.7	12.1	9.8	1.4	11.4	9.4	1.3	10.6	8.9	1.4
			66.2	16.5	11.7	1.8	13.5	9.7	1.5	12.6	9.3	1.4	11.8	8.9	1.4
			73.4	17.5	7.9	1.8	14.3	6.6	1.5	13.4	6.3	1.4	12.5	6.0	1.4
		84.2	66.2	16.8	12.5	1.8	13.7	10.4	1.5	12.9	10.0	1.4	12.0	9.5	1.4
			60.8	15.6	13.2	1.7	12.7	11.0	1.4	12.0	10.5	1.3	11.2	10.0	1.4
			66.2	17.0	13.4	1.8	13.9	11.1	1.5	13.0	10.6	1.4	12.1	10.1	1.4
		86.0	73.4	17.8	11.0	1.8	14.6	9.1	1.5	13.6	8.7	1.4	12.7	8.3	1.4
			60.8	16.4	14.3	1.8	13.4	11.9	1.5	12.6	11.3	1.4	11.7	10.8	1.4
			66.2	17.5	15.0	1.8	14.3	12.5	1.5	13.4	11.9	1.4	12.5	11.4	1.4
89.6	73.4	19.3	14.6	1.9	15.8	12.2	1.5	14.8	11.6	1.4	13.8	11.1	1.5		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD24NK3CO Indoor Unit:GTH24K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)															
				64.4			69.8			77			86			95			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	706	64.4	48.2	11.6	5.9	1.0	12.4	6.6	1.1	14.4	8.2	1.2	15.0	9.0	1.4	15.5	9.8	1.6	
			53.6	12.0	3.8	1.1	12.8	4.3	1.2	14.9	5.3	1.3	15.6	5.9	1.4	16.1	6.4	1.7	
			59.0	14.5	3.9	1.2	15.5	4.5	1.3	18.0	5.5	1.4	18.8	6.1	1.6	19.3	6.6	1.9	
		69.8	53.6	14.4	8.9	1.3	15.4	10.1	1.4	17.9	12.4	1.5	18.7	13.7	1.7	19.3	14.8	1.9	
			59.0	14.8	7.3	1.3	15.8	8.3	1.4	18.3	10.2	1.5	19.1	11.2	1.7	19.7	12.1	2.0	
			66.2	17.2	5.8	1.4	18.3	6.5	1.5	21.3	8.0	1.6	22.2	8.8	1.8	22.9	9.6	2.1	
		75.2	60.8	15.4	9.1	1.3	16.5	10.4	1.4	19.2	12.7	1.5	20.0	14.0	1.7	20.6	15.2	2.0	
			66.2	17.6	8.9	1.4	18.7	10.1	1.5	21.8	12.4	1.6	22.7	13.6	1.8	23.4	14.8	2.2	
			73.4	17.2	4.2	1.5	18.4	4.7	1.6	21.3	5.8	1.7	22.3	6.4	1.9	22.9	7.0	2.2	
		80.6	60.8	16.1	11.4	1.4	17.2	12.9	1.5	20.0	15.9	1.6	20.9	17.5	1.8	21.5	19.0	2.1	
			66.2	17.9	11.3	1.4	19.1	12.8	1.5	22.2	15.8	1.6	23.2	17.4	1.9	23.9	18.9	2.2	
			73.4	19.0	7.7	1.4	20.3	8.7	1.6	23.5	10.7	1.7	24.6	11.8	1.9	25.3	12.8	2.2	
	84.2	66.2	18.3	12.1	1.4	19.5	13.7	1.5	22.7	16.9	1.7	23.6	18.6	1.9	24.4	20.2	2.2		
		60.8	17.0	12.7	1.4	18.1	14.4	1.5	21.0	17.8	1.6	22.0	19.6	1.8	22.6	21.2	2.1		
		66.2	18.5	12.9	1.4	19.7	14.7	1.5	22.9	18.1	1.7	23.9	19.9	1.9	24.6	21.6	2.2		
	86.0	73.4	19.4	10.6	1.5	20.7	12.0	1.6	24.0	14.8	1.7	25.1	16.3	1.9	25.8	17.7	2.2		
		60.8	17.8	13.8	1.4	19.0	15.6	1.5	22.1	19.2	1.6	23.1	21.2	1.9	23.8	23.0	2.2		
		66.2	19.0	14.5	1.4	20.3	16.5	1.6	23.5	20.3	1.7	24.6	22.3	1.9	25.3	24.2	2.2		
	89.6	73.4	19.6	13.2	1.5	20.9	14.9	1.6	24.3	18.4	1.7	25.3	20.2	1.9	26.1	21.9	2.2		
		48.2	11.4	5.3	1.0	12.1	6.1	1.1	14.1	7.5	1.2	14.7	8.2	1.4	15.2	8.9	1.6		
		53.6	11.8	3.5	1.1	12.6	4.0	1.2	14.6	4.9	1.3	15.3	5.4	1.4	15.7	5.8	1.7		
	Medium	618	64.4	59.0	14.2	3.6	1.2	15.2	4.1	1.3	17.6	5.0	1.4	18.4	5.5	1.6	19.0	6.0	1.8
				53.6	14.2	8.1	1.3	15.1	9.2	1.3	17.6	11.3	1.4	18.3	12.5	1.6	18.9	13.5	1.9
				59.0	14.5	6.6	1.3	15.5	7.5	1.4	18.0	9.3	1.5	18.7	10.2	1.7	19.3	11.1	2.0
69.8			66.2	16.9	5.2	1.4	18.0	5.9	1.5	20.9	7.3	1.6	21.8	8.1	1.8	22.5	8.7	2.1	
			60.8	15.1	8.3	1.3	16.1	9.4	1.4	18.8	11.6	1.5	19.6	12.8	1.7	20.2	13.9	2.0	
			66.2	17.2	8.1	1.4	18.4	9.2	1.5	21.3	11.3	1.6	22.3	12.4	1.8	22.9	13.5	2.1	
75.2			73.4	16.9	3.8	1.4	18.0	4.3	1.6	20.9	5.3	1.7	21.8	5.8	1.9	22.5	6.3	2.2	
			60.8	15.8	10.4	1.4	16.9	11.8	1.5	19.6	14.5	1.6	20.4	16.0	1.8	21.1	17.3	2.1	
			66.2	17.6	10.3	1.4	18.7	11.7	1.5	21.8	14.4	1.6	22.7	15.8	1.8	23.4	17.2	2.2	
80.6			73.4	18.6	7.0	1.4	19.8	7.9	1.5	23.1	9.8	1.7	24.1	10.8	1.9	24.8	11.7	2.2	
			66.2	17.9	11.1	1.4	19.1	12.5	1.5	22.2	15.4	1.6	23.2	17.0	1.9	23.9	18.4	2.2	
			60.8	16.6	11.6	1.4	17.7	13.2	1.5	20.6	16.2	1.6	21.5	17.8	1.8	22.2	19.4	2.1	
86.0		66.2	18.1	11.8	1.4	19.3	13.4	1.5	22.4	16.5	1.6	23.4	18.1	1.9	24.1	19.7	2.2		
		73.4	19.0	9.7	1.4	20.3	10.9	1.6	23.5	13.5	1.7	24.6	14.8	1.9	25.3	16.1	2.2		
		60.8	17.5	12.6	1.4	18.7	14.2	1.5	21.7	17.5	1.6	22.6	19.3	1.8	23.3	20.9	2.2		
89.6		66.2	18.6	13.2	1.4	19.8	15.0	1.5	23.1	18.5	1.7	24.1	20.3	1.9	24.8	22.1	2.2		
		73.4	19.6	12.2	1.5	20.9	13.9	1.6	24.3	17.1	1.7	25.3	18.8	1.9	26.1	20.4	2.2		
		48.2	10.8	4.9	1.0	11.5	5.5	1.1	13.4	6.8	1.2	14.0	7.5	1.3	14.4	8.1	1.6		
Low		530	64.4	53.6	11.2	3.2	1.1	11.9	3.6	1.2	13.9	4.4	1.2	14.5	4.9	1.4	14.9	5.3	1.7
				59.0	13.5	3.3	1.2	14.4	3.7	1.3	16.7	4.6	1.4	17.5	5.0	1.5	18.0	5.4	1.8
				53.6	13.4	7.4	1.2	14.3	8.4	1.3	16.7	10.3	1.4	17.4	11.3	1.6	17.9	12.3	1.9
			69.8	59.0	13.8	6.0	1.3	14.7	6.8	1.4	17.1	8.4	1.5	17.8	9.3	1.7	18.3	10.0	1.9
				66.2	16.0	4.8	1.4	17.1	5.4	1.5	19.8	6.7	1.6	20.7	7.3	1.8	21.3	7.9	2.1
				60.8	14.4	7.6	1.3	15.3	8.6	1.4	17.8	10.6	1.5	18.6	11.6	1.7	19.2	12.6	1.9
	75.2		66.2	16.3	7.3	1.4	17.4	8.3	1.5	20.2	10.2	1.6	21.1	11.3	1.8	21.8	12.2	2.1	
			73.4	16.0	3.5	1.4	17.1	3.9	1.5	19.8	4.8	1.6	20.7	5.3	1.9	21.3	5.8	2.2	
			60.8	15.0	9.4	1.3	16.0	10.7	1.5	18.6	13.2	1.6	19.4	14.5	1.8	20.0	15.7	2.1	
	80.6		66.2	16.7	9.4	1.4	17.8	10.6	1.5	20.7	13.1	1.6	21.5	14.4	1.8	22.2	15.6	2.1	
			73.4	17.7	6.4	1.4	18.8	7.2	1.5	21.9	8.9	1.6	22.8	9.8	1.9	23.5	10.6	2.2	
			66.2	17.0	10.0	1.4	18.1	11.4	1.5	21.1	14.0	1.6	22.0	15.4	1.8	22.7	16.7	2.2	
	86.0	60.8	15.8	10.5	1.4	16.8	12.0	1.5	19.6	14.7	1.6	20.4	16.2	1.8	21.0	17.6	2.1		
		66.2	17.2	10.7	1.4	18.3	12.1	1.5	21.3	14.9	1.6	22.2	16.5	1.8	22.9	17.9	2.2		
		73.4	18.0	8.8	1.4	19.2	9.9	1.5	22.3	12.2	1.7	23.3	13.5	1.9	24.0	14.6	2.2		
	89.6	60.8	16.6	11.4	1.4	17.7	12.9	1.5	20.6	15.9	1.6	21.5	17.5	1.8	22.1	19.0	2.1		
		66.2	17.7	12.0	1.4	18.8	13.6	1.5	21.9	16.8	1.6	22.8	18.5	1.9	23.5	20.0	2.2		
		73.4	19.6	11.7	1.5	20.9	13.3	1.6	24.3	16.3	1.7	25.3	18.0	1.9	26.1	19.5	2.2		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)												
				102.2			109.4			114.8			118.4			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	706	64.4	48.2	15.2	9.7	1.8	12.4	8.1	1.5	11.6	7.7	1.4	10.8	7.3	1.4	
			53.6	15.7	6.3	1.8	12.8	5.3	1.5	12.0	5.0	1.4	11.2	4.8	1.5	
			59.0	19.0	6.5	2.0	15.5	5.4	1.7	14.5	5.2	1.6	13.5	4.9	1.6	
		69.8	53.6	18.9	14.7	2.1	15.4	12.2	1.7	14.4	11.7	1.7	13.5	11.1	1.7	
			59.0	19.3	12.0	2.2	15.8	10.0	1.8	14.8	9.6	1.7	13.8	9.1	1.7	
			66.2	22.5	9.5	2.3	18.3	7.9	1.9	17.2	7.6	1.8	16.1	7.2	1.9	
		75.2	60.8	20.2	15.1	2.2	16.5	12.6	1.8	15.4	12.0	1.7	14.4	11.4	1.7	
			66.2	22.9	14.6	2.4	18.7	12.2	1.9	17.6	11.6	1.8	16.4	11.1	1.9	
			73.4	22.5	6.9	2.4	18.4	5.7	2.0	17.2	5.5	1.9	16.1	5.2	2.0	
		80.6	60.8	21.1	18.8	2.3	17.2	15.7	1.9	16.1	15.0	1.8	15.0	14.2	1.8	
			66.2	23.4	18.7	2.4	19.1	15.5	2.0	17.9	14.9	1.9	16.7	14.1	1.9	
			73.4	24.8	12.7	2.4	20.3	10.5	2.0	19.0	10.1	1.9	17.7	9.6	1.9	
		84.2	66.2	23.9	20.0	2.4	19.5	16.7	2.0	18.3	15.9	1.9	17.1	15.1	1.9	
			60.8	22.2	21.0	2.3	18.1	17.5	1.9	17.0	16.7	1.8	15.8	15.9	1.9	
			66.2	24.1	21.4	2.4	19.7	17.8	2.0	18.5	17.0	1.9	17.2	16.2	1.9	
		86.0	73.4	25.3	17.5	2.4	20.7	14.6	2.0	19.4	13.9	1.9	18.1	13.2	2.0	
			60.8	23.3	22.7	2.4	19.0	18.9	2.0	17.8	18.1	1.9	16.7	17.2	1.9	
			66.2	24.8	24.0	2.4	20.3	19.9	2.0	19.0	19.1	1.9	17.7	18.1	1.9	
89.6	73.4	25.6	21.7	2.4	20.9	18.1	2.0	19.6	17.3	1.9	18.3	16.4	2.0			
	Medium	618	64.4	48.2	14.9	8.8	1.7	12.1	7.3	1.4	11.4	7.0	1.4	10.6	6.7	1.4
				53.6	15.4	5.8	1.8	12.6	4.8	1.5	11.8	4.6	1.4	11.0	4.4	1.5
59.0				18.6	5.9	2.0	15.2	4.9	1.7	14.2	4.7	1.6	13.3	4.5	1.6	
69.8			53.6	18.5	13.4	2.1	15.1	11.1	1.7	14.2	10.6	1.6	13.2	10.1	1.7	
			59.0	18.9	10.9	2.1	15.5	9.1	1.8	14.5	8.7	1.7	13.5	8.3	1.7	
			66.2	22.0	8.7	2.3	18.0	7.2	1.9	16.9	6.9	1.8	15.7	6.6	1.8	
75.2			60.8	19.8	13.7	2.1	16.1	11.4	1.8	15.1	10.9	1.7	14.1	10.4	1.7	
			66.2	22.5	13.3	2.3	18.4	11.1	1.9	17.2	10.6	1.8	16.1	10.1	1.9	
			73.4	22.0	6.3	2.4	18.0	5.2	2.0	16.9	5.0	1.9	15.7	4.8	1.9	
80.6			60.8	20.6	17.2	2.3	16.9	14.3	1.9	15.8	13.7	1.8	14.7	13.0	1.8	
			66.2	22.9	17.0	2.4	18.7	14.2	1.9	17.6	13.5	1.8	16.4	12.9	1.9	
			73.4	24.3	11.5	2.4	19.8	9.6	2.0	18.6	9.2	1.9	17.4	8.7	1.9	
84.2			66.2	23.4	18.2	2.4	19.1	15.2	2.0	17.9	14.5	1.9	16.7	13.8	1.9	
			60.8	21.7	19.2	2.3	17.7	15.9	1.9	16.6	15.2	1.8	15.5	14.5	1.8	
			66.2	23.6	19.5	2.4	19.3	16.2	2.0	18.1	15.5	1.9	16.9	14.7	1.9	
86.0			73.4	24.8	15.9	2.4	20.3	13.3	2.0	19.0	12.7	1.9	17.7	12.1	1.9	
			60.8	22.9	20.7	2.4	18.7	17.3	1.9	17.5	16.5	1.8	16.3	15.7	1.9	
			66.2	24.3	21.8	2.4	19.8	18.2	2.0	18.6	17.4	1.9	17.4	16.5	1.9	
89.6	73.4	25.6	20.2	2.4	20.9	16.8	2.0	19.6	16.1	1.9	18.3	15.3	2.0			
	Low	530	64.4	48.2	14.1	8.0	1.7	11.5	6.7	1.4	10.8	6.4	1.3	10.1	6.1	1.4
				53.6	14.6	5.2	1.8	11.9	4.4	1.5	11.2	4.2	1.4	10.5	4.0	1.4
59.0				17.6	5.4	2.0	14.4	4.5	1.6	13.5	4.3	1.5	12.6	4.1	1.6	
69.8			53.6	17.6	12.2	2.1	14.3	10.1	1.7	13.4	9.7	1.6	12.5	9.2	1.7	
			59.0	18.0	9.9	2.1	14.7	8.3	1.8	13.8	7.9	1.7	12.8	7.5	1.7	
			66.2	20.9	7.9	2.3	17.1	6.5	1.9	16.0	6.3	1.8	14.9	6.0	1.8	
75.2			60.8	18.8	12.5	2.1	15.3	10.4	1.8	14.4	9.9	1.7	13.4	9.4	1.7	
			66.2	21.3	12.1	2.3	17.4	10.1	1.9	16.3	9.6	1.8	15.2	9.2	1.8	
			73.4	20.9	5.7	2.4	17.1	4.7	2.0	16.0	4.5	1.9	14.9	4.3	1.9	
80.6			60.8	19.6	15.6	2.3	16.0	13.0	1.9	15.0	12.4	1.8	14.0	11.8	1.8	
			66.2	21.8	15.5	2.3	17.8	12.9	1.9	16.7	12.3	1.8	15.5	11.7	1.9	
			73.4	23.1	10.5	2.4	18.8	8.7	2.0	17.7	8.3	1.9	16.5	7.9	1.9	
84.2			66.2	22.2	16.6	2.4	18.1	13.8	1.9	17.0	13.2	1.8	15.9	12.5	1.9	
			60.8	20.6	17.4	2.3	16.8	14.5	1.9	15.8	13.8	1.8	14.7	13.2	1.8	
			66.2	22.4	17.7	2.4	18.3	14.7	1.9	17.2	14.1	1.8	16.0	13.4	1.9	
86.0			73.4	23.5	14.5	2.4	19.2	12.0	2.0	18.0	11.5	1.9	16.8	11.0	1.9	
			60.8	21.7	18.8	2.3	17.7	15.7	1.9	16.6	15.0	1.8	15.5	14.2	1.9	
			66.2	23.1	19.8	2.4	18.8	16.5	2.0	17.7	15.8	1.9	16.5	15.0	1.9	
89.6	73.4	25.6	19.3	2.4	20.9	16.1	2.0	19.6	15.4	1.9	18.3	14.6	2.0			

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD30NK3CO Indoor Unit:GTH30K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)															
				64.4			69.8			77			86			95			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	942	64.4	48.2	14.6	7.4	1.3	15.6	8.4	1.4	18.1	10.3	1.5	18.9	11.3	1.7	19.5	12.3	2.0	
			53.6	15.1	4.8	1.4	16.1	5.5	1.5	18.8	6.7	1.6	19.6	7.4	1.8	20.2	8.0	2.1	
			59.0	18.2	5.0	1.5	19.5	5.6	1.6	22.6	6.9	1.7	23.6	7.6	2.0	24.3	8.3	2.3	
		69.8	53.6	18.2	11.2	1.6	19.4	12.7	1.7	22.5	15.6	1.8	23.5	17.2	2.1	24.2	18.7	2.4	
			59.0	18.6	9.2	1.6	19.8	10.4	1.7	23.1	12.8	1.9	24.0	14.1	2.1	24.8	15.3	2.5	
			66.2	21.6	7.2	1.7	23.1	8.2	1.9	26.8	10.1	2.0	28.0	11.1	2.3	28.8	12.1	2.7	
		75.2	60.8	19.4	11.5	1.6	20.7	13.0	1.7	24.1	16.0	1.9	25.1	17.6	2.1	25.9	19.1	2.5	
			66.2	22.1	11.2	1.8	23.5	12.6	1.9	27.4	15.6	2.0	28.5	17.1	2.3	29.4	18.6	2.7	
			73.4	21.6	5.2	1.8	23.1	5.9	2.0	26.8	7.3	2.1	28.0	8.1	2.4	28.8	8.7	2.8	
		80.6	60.8	20.3	14.3	1.7	21.6	16.3	1.9	25.1	20.0	2.0	26.2	22.0	2.3	27.0	23.9	2.7	
			66.2	22.5	14.2	1.8	24.0	16.1	1.9	27.9	19.9	2.1	29.1	21.9	2.3	30.0	23.7	2.7	
			73.4	23.9	9.7	1.8	25.5	10.9	2.0	29.6	13.5	2.1	30.9	14.8	2.4	31.8	16.1	2.8	
	84.2	66.2	23.0	15.2	1.8	24.5	17.3	1.9	28.5	21.3	2.1	29.7	23.4	2.4	30.6	25.4	2.8		
		60.8	21.3	16.0	1.7	22.8	18.2	1.9	26.5	22.3	2.0	27.6	24.6	2.3	28.5	26.7	2.7		
		66.2	23.2	16.3	1.8	24.7	18.4	1.9	28.8	22.7	2.1	30.0	25.0	2.4	30.9	27.1	2.8		
	86.0	73.4	24.4	13.3	1.8	26.0	15.1	2.0	30.2	18.6	2.1	31.5	20.5	2.4	32.5	22.2	2.8		
		60.8	22.4	17.3	1.8	23.9	19.6	1.9	27.8	24.2	2.1	29.0	26.6	2.3	29.9	28.9	2.7		
		66.2	23.9	18.3	1.8	25.5	20.7	2.0	29.6	25.5	2.1	30.9	28.0	2.4	31.8	30.4	2.8		
	89.6	73.4	24.6	16.5	1.8	26.2	18.8	2.0	30.5	23.1	2.1	31.8	25.4	2.4	32.8	27.6	2.8		
		60.8	21.3	16.0	1.7	22.8	18.2	1.9	26.5	22.3	2.0	27.6	24.6	2.3	28.5	26.7	2.7		
		66.2	23.2	16.3	1.8	24.7	18.4	1.9	28.8	22.7	2.1	30.0	25.0	2.4	30.9	27.1	2.8		
	Medium	853	64.4	48.2	14.3	6.7	1.3	15.3	7.6	1.4	17.7	9.4	1.5	18.5	10.3	1.7	19.1	11.2	2.0
				53.6	14.8	4.4	1.4	15.8	5.0	1.5	18.4	6.1	1.6	19.2	6.7	1.8	19.8	7.3	2.1
				59.0	17.9	4.5	1.5	19.1	5.1	1.6	22.2	6.3	1.7	23.1	6.9	2.0	23.8	7.5	2.3
69.8			53.6	17.8	10.2	1.6	19.0	11.6	1.7	22.1	14.2	1.8	23.0	15.7	2.1	23.7	17.0	2.4	
			59.0	18.2	8.3	1.6	19.4	9.5	1.7	22.6	11.6	1.9	23.6	12.8	2.1	24.3	13.9	2.5	
			66.2	21.2	6.6	1.7	22.6	7.5	1.9	26.3	9.2	2.0	27.4	10.1	2.3	28.2	11.0	2.7	
75.2			60.8	19.0	10.5	1.6	20.3	11.9	1.7	23.6	14.6	1.9	24.6	16.1	2.1	25.4	17.5	2.5	
			66.2	21.6	10.2	1.7	23.1	11.5	1.9	26.8	14.2	2.0	28.0	15.6	2.3	28.8	16.9	2.7	
			73.4	21.2	4.8	1.8	22.6	5.4	2.0	26.3	6.7	2.1	27.4	7.3	2.4	28.3	8.0	2.8	
80.6			60.8	19.9	13.1	1.7	21.2	14.8	1.8	24.6	18.2	2.0	25.7	20.1	2.2	26.5	21.8	2.6	
			66.2	22.1	13.0	1.8	23.5	14.7	1.9	27.4	18.1	2.0	28.5	19.9	2.3	29.4	21.6	2.7	
			73.4	23.4	8.8	1.8	25.0	10.0	1.9	29.0	12.3	2.1	30.3	13.5	2.4	31.2	14.7	2.8	
84.2		66.2	22.5	13.9	1.8	24.0	15.7	1.9	27.9	19.4	2.1	29.1	21.3	2.3	30.0	23.2	2.7		
		60.8	20.9	14.6	1.7	22.3	16.5	1.9	25.9	20.4	2.0	27.0	22.4	2.3	27.9	24.3	2.7		
		66.2	22.7	14.8	1.8	24.2	16.8	1.9	28.2	20.7	2.1	29.4	22.8	2.3	30.3	24.7	2.7		
86.0		73.4	23.9	12.1	1.8	25.5	13.8	2.0	29.6	16.9	2.1	30.9	18.7	2.4	31.8	20.2	2.8		
		60.8	22.0	15.8	1.8	23.5	17.9	1.9	27.3	22.0	2.0	28.4	24.3	2.3	29.3	26.3	2.7		
		66.2	23.4	16.6	1.8	25.0	18.9	1.9	29.0	23.2	2.1	30.3	25.6	2.4	31.2	27.7	2.8		
89.6		73.4	24.6	15.4	1.8	26.2	17.4	2.0	30.5	21.5	2.1	31.8	23.6	2.4	32.8	25.6	2.8		
		60.8	21.3	16.0	1.7	22.8	18.2	1.9	26.5	22.3	2.0	27.6	24.6	2.3	28.5	26.7	2.7		
		66.2	23.2	16.3	1.8	24.7	18.4	1.9	28.8	22.7	2.1	30.0	25.0	2.4	30.9	27.1	2.8		
Low		765	64.4	48.2	13.6	6.1	1.3	14.5	6.9	1.4	16.8	8.5	1.5	17.6	9.4	1.7	18.1	10.2	2.0
				53.6	14.1	4.0	1.4	15.0	4.5	1.5	17.5	5.6	1.6	18.2	6.1	1.8	18.8	6.6	2.1
				59.0	17.0	4.1	1.5	18.1	4.7	1.6	21.0	5.7	1.7	21.9	6.3	1.9	22.6	6.8	2.3
	69.8		53.6	16.9	9.3	1.6	18.0	10.5	1.7	20.9	12.9	1.8	21.8	14.2	2.0	22.5	15.4	2.4	
			59.0	17.3	7.6	1.6	18.4	8.6	1.7	21.4	10.6	1.8	22.4	11.6	2.1	23.1	12.6	2.4	
			66.2	20.1	6.0	1.7	21.4	6.8	1.8	24.9	8.4	2.0	26.0	9.2	2.2	26.8	10.0	2.6	
	75.2		60.8	18.1	9.5	1.6	19.3	10.8	1.7	22.4	13.3	1.8	23.4	14.6	2.1	24.1	15.8	2.4	
			66.2	20.5	9.2	1.7	21.9	10.5	1.9	25.4	12.9	2.0	26.5	14.2	2.3	27.4	15.4	2.7	
			73.4	20.1	4.3	1.8	21.5	4.9	1.9	24.9	6.1	2.1	26.0	6.7	2.3	26.8	7.2	2.8	
	80.6		60.8	18.8	11.9	1.7	20.1	13.5	1.8	23.4	16.6	2.0	24.4	18.2	2.2	25.1	19.8	2.6	
			66.2	20.9	11.8	1.7	22.3	13.4	1.9	26.0	16.4	2.0	27.1	18.1	2.3	27.9	19.6	2.7	
			73.4	22.2	8.0	1.8	23.7	9.1	1.9	27.5	11.1	2.1	28.7	12.3	2.3	29.6	13.3	2.7	
	84.2	66.2	21.4	12.6	1.8	22.8	14.3	1.9	26.5	17.6	2.0	27.6	19.4	2.3	28.5	21.0	2.7		
		60.8	19.8	13.3	1.7	21.2	15.0	1.8	24.6	18.5	2.0	25.7	20.4	2.2	26.5	22.1	2.6		
		66.2	21.6	13.5	1.8	23.0	15.3	1.9	26.7	18.8	2.0	27.9	20.7	2.3	28.8	22.4	2.7		
	86.0	73.4	22.6	11.0	1.8	24.2	12.5	1.9	28.1	15.4	2.1	29.3	16.9	2.4	30.2	18.4	2.8		
		60.8	20.9	14.3	1.7	22.3	16.3	1.9	25.9	20.0	2.0	27.0	22.0	2.3	27.8	23.9	2.7		
		66.2	22.2	15.1	1.8	23.7	17.1	1.9	27.5	21.1	2.1	28.7	23.2	2.3	29.6	25.2	2.7		
	89.6	73.4	24.6	14.7	1.8	26.2	16.7	2.0	30.5	20.5	2.1	31.8	22.6	2.4	32.8	24.5	2.8		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)													
				102.2			109.4			114.8			118.4				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	942	64.4	48.2	19.1	12.2	2.2	15.6	10.1	1.8	14.6	9.7	1.7	13.6	9.2	1.8		
			53.6	19.8	7.9	2.3	16.1	6.6	1.9	15.1	6.3	1.8	14.1	6.0	1.8		
			59.0	23.8	8.2	2.5	19.5	6.8	2.1	18.2	6.5	2.0	17.0	6.2	2.0		
		69.8	53.6	23.7	18.5	2.7	19.4	15.4	2.2	18.2	14.7	2.1	16.9	14.0	2.1		
			59.0	24.3	15.1	2.7	19.8	12.6	2.2	18.6	12.0	2.1	17.4	11.4	2.2		
			66.2	28.2	11.9	2.9	23.1	9.9	2.4	21.6	9.5	2.3	20.2	9.0	2.3		
		75.2	60.8	25.4	19.0	2.7	20.7	15.8	2.2	19.4	15.1	2.1	18.1	14.3	2.2		
			66.2	28.8	18.4	3.0	23.5	15.3	2.4	22.1	14.6	2.3	20.6	13.9	2.4		
			73.4	28.3	8.7	3.1	23.1	7.2	2.5	21.6	6.9	2.4	20.2	6.6	2.5		
		80.6	60.8	26.5	23.7	2.9	21.6	19.7	2.4	20.3	18.8	2.3	18.9	17.9	2.3		
			66.2	29.4	23.5	3.0	24.0	19.5	2.5	22.5	18.7	2.3	21.0	17.8	2.4		
			73.4	31.2	15.9	3.0	25.5	13.3	2.5	23.9	12.7	2.4	22.3	12.1	2.4		
		84.2	66.2	30.0	25.1	3.0	24.5	20.9	2.5	23.0	20.0	2.4	21.4	19.0	2.4		
			60.8	27.9	26.4	2.9	22.8	22.0	2.4	21.3	21.0	2.3	19.9	20.0	2.3		
			66.2	30.3	26.8	3.0	24.7	22.3	2.5	23.2	21.4	2.4	21.6	20.3	2.4		
		86.0	73.4	31.8	22.0	3.1	26.0	18.3	2.5	24.4	17.5	2.4	22.7	16.6	2.5		
			60.8	29.3	28.6	3.0	23.9	23.8	2.5	22.4	22.7	2.3	20.9	21.6	2.4		
			66.2	31.2	30.1	3.0	25.5	25.1	2.5	23.9	24.0	2.4	22.3	22.8	2.4		
		89.6	73.4	32.1	27.3	3.1	26.2	22.7	2.5	24.6	21.7	2.4	22.9	20.7	2.5		
			64.4	48.2	18.7	11.1	2.2	15.3	9.2	1.8	14.3	8.8	1.7	13.3	8.4	1.7	
			53.6	19.4	7.2	2.3	15.8	6.0	1.9	14.8	5.8	1.8	13.8	5.5	1.8		
		Medium	853	64.4	59.0	23.4	7.5	2.5	19.1	6.2	2.1	17.9	5.9	2.0	16.7	5.6	2.0
					53.6	23.3	16.8	2.6	19.0	14.0	2.2	17.8	13.4	2.1	16.6	12.7	2.1
					59.0	23.8	13.8	2.7	19.4	11.5	2.2	18.2	11.0	2.1	17.0	10.4	2.2
69.8	66.2			27.7	10.9	2.9	22.6	9.1	2.4	21.2	8.7	2.3	19.8	8.2	2.3		
	60.8			24.9	17.3	2.7	20.3	14.4	2.2	19.0	13.7	2.1	17.8	13.1	2.1		
	66.2			28.3	16.8	2.9	23.1	14.0	2.4	21.6	13.3	2.3	20.2	12.7	2.3		
75.2	73.4			27.7	7.9	3.0	22.6	6.6	2.5	21.2	6.3	2.4	19.8	6.0	2.4		
	60.8			26.0	21.6	2.9	21.2	18.0	2.4	19.9	17.2	2.2	18.5	16.3	2.3		
	66.2			28.8	21.4	3.0	23.5	17.8	2.4	22.1	17.0	2.3	20.6	16.2	2.4		
80.6	73.4			30.6	14.5	3.0	25.0	12.1	2.5	23.4	11.5	2.4	21.8	11.0	2.4		
	66.2			29.4	22.9	3.0	24.0	19.1	2.5	22.5	18.2	2.3	21.0	17.3	2.4		
	60.8			27.3	24.1	2.9	22.3	20.0	2.4	20.9	19.2	2.3	19.5	18.2	2.3		
86.0	66.2			29.7	24.5	3.0	24.2	20.4	2.5	22.7	19.5	2.3	21.2	18.5	2.4		
	73.4			31.2	20.0	3.0	25.5	16.7	2.5	23.9	15.9	2.4	22.3	15.2	2.4		
	60.8			28.7	26.1	3.0	23.5	21.7	2.4	22.0	20.7	2.3	20.5	19.7	2.4		
89.6	66.2			30.6	27.4	3.0	25.0	22.8	2.5	23.4	21.8	2.4	21.8	20.8	2.4		
	73.4			32.1	25.4	3.1	26.2	21.1	2.5	24.6	20.2	2.4	22.9	19.2	2.5		
	64.4			48.2	17.7	10.1	2.2	14.5	8.4	1.8	13.6	8.0	1.7	12.7	7.6	1.7	
Low	765			64.4	53.6	18.4	6.6	2.3	15.0	5.5	1.9	14.1	5.2	1.8	13.1	5.0	1.8
					59.0	22.2	6.8	2.5	18.1	5.6	2.1	17.0	5.4	1.9	15.8	5.1	2.0
					53.6	22.1	15.3	2.6	18.0	12.7	2.2	16.9	12.2	2.0	15.8	11.6	2.1
				69.8	59.0	22.6	12.5	2.7	18.4	10.4	2.2	17.3	9.9	2.1	16.1	9.5	2.1
					66.2	26.3	9.9	2.9	21.4	8.2	2.4	20.1	7.9	2.2	18.8	7.5	2.3
					60.8	23.6	15.7	2.7	19.3	13.1	2.2	18.1	12.5	2.1	16.9	11.9	2.1
		75.2	66.2	26.8	15.2	2.9	21.9	12.7	2.4	20.5	12.1	2.3	19.2	11.5	2.3		
			73.4	26.3	7.2	3.0	21.5	6.0	2.5	20.1	5.7	2.3	18.8	5.4	2.4		
			60.8	24.6	19.6	2.8	20.1	16.3	2.3	18.8	15.6	2.2	17.6	14.8	2.3		
		80.6	66.2	27.4	19.4	2.9	22.3	16.2	2.4	20.9	15.5	2.3	19.5	14.7	2.3		
			73.4	29.0	13.2	3.0	23.7	11.0	2.5	22.2	10.5	2.3	20.7	10.0	2.4		
			66.2	27.9	20.8	3.0	22.8	17.3	2.4	21.4	16.6	2.3	19.9	15.7	2.4		
		84.2	60.8	25.9	21.9	2.9	21.2	18.2	2.4	19.8	17.4	2.2	18.5	16.6	2.3		
			66.2	28.2	22.2	3.0	23.0	18.5	2.4	21.6	17.7	2.3	20.1	16.8	2.4		
			73.4	29.6	18.2	3.0	24.2	15.1	2.5	22.6	14.5	2.4	21.1	13.8	2.4		
		86.0	60.8	27.3	23.7	2.9	22.3	19.7	2.4	20.9	18.8	2.3	19.5	17.9	2.3		
			66.2	29.0	24.9	3.0	23.7	20.7	2.5	22.2	19.8	2.3	20.7	18.9	2.4		
			73.4	32.1	24.3	3.1	26.2	20.2	2.5	24.6	19.3	2.4	22.9	18.4	2.5		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD36NK3CO/GUHD36NM3CO Indoor Unit:GTH36K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																
		DB(°F)	WB(°F)	64.4			69.8			77			86			95				
				TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1177	64.4	48.2	17.4	8.8	1.6	18.6	10.0	1.7	21.6	12.3	1.8	22.5	13.5	2.1	23.2	14.7	2.4		
			53.6	18.1	5.7	1.6	19.3	6.5	1.8	22.4	8.0	1.9	23.4	8.8	2.1	24.1	9.6	2.5		
			59.0	21.8	5.9	1.8	23.2	6.7	1.9	27.0	8.3	2.1	28.1	9.1	2.4	29.0	9.9	2.8		
		69.8	53.6	21.7	13.4	1.9	23.1	15.1	2.0	26.9	18.6	2.2	28.0	20.5	2.5	28.9	22.3	2.9		
			59.0	22.2	10.9	1.9	23.7	12.4	2.1	27.5	15.2	2.2	28.7	16.8	2.5	29.6	18.2	3.0		
			66.2	25.8	8.6	2.1	27.5	9.8	2.2	32.0	12.1	2.4	33.4	13.3	2.7	34.4	14.4	3.2		
		75.2	60.8	23.2	13.7	1.9	24.7	15.5	2.1	28.7	19.1	2.2	30.0	21.1	2.5	30.9	22.8	3.0		
			66.2	26.3	13.3	2.1	28.1	15.1	2.3	32.7	18.6	2.4	34.1	20.4	2.8	35.1	22.2	3.2		
			73.4	25.8	6.3	2.2	27.5	7.1	2.4	32.0	8.7	2.5	33.4	9.6	2.9	34.4	10.4	3.4		
		80.6	60.8	24.2	17.1	2.1	25.8	19.4	2.2	30.0	23.9	2.4	31.3	26.3	2.7	32.2	28.5	3.2		
			66.2	26.9	17.0	2.1	28.7	19.2	2.3	33.3	23.7	2.5	34.8	26.1	2.8	35.8	28.3	3.3		
			73.4	28.5	11.5	2.2	30.4	13.1	2.3	35.3	16.1	2.5	36.8	17.7	2.8	38.0	19.2	3.3		
		84.2	66.2	27.4	18.2	2.1	29.2	20.6	2.3	34.0	25.4	2.5	35.4	27.9	2.8	36.5	30.3	3.3		
			60.8	25.5	19.1	2.1	27.2	21.7	2.2	31.6	26.7	2.4	32.9	29.4	2.7	33.9	31.9	3.2		
			66.2	27.7	19.4	2.1	29.5	22.0	2.3	34.3	27.1	2.5	35.8	29.8	2.8	36.9	32.4	3.3		
		86.0	73.4	29.1	15.9	2.2	31.0	18.0	2.4	36.0	22.2	2.5	37.6	24.4	2.9	38.7	26.5	3.4		
			60.8	26.8	20.7	2.1	28.6	23.4	2.3	33.2	28.8	2.5	34.6	31.8	2.8	35.7	34.5	3.3		
			66.2	28.5	21.8	2.2	30.4	24.7	2.3	35.3	30.4	2.5	36.8	33.5	2.8	38.0	36.3	3.3		
		89.6	73.4	29.3	19.7	2.2	31.3	22.4	2.4	36.4	27.5	2.5	37.9	30.3	2.9	39.1	32.9	3.4		
			60.8	25.5	19.1	2.1	27.2	21.7	2.2	31.6	26.7	2.4	32.9	29.4	2.7	33.9	31.9	3.2		
			66.2	27.7	19.4	2.1	29.5	22.0	2.3	34.3	27.1	2.5	35.8	29.8	2.8	36.9	32.4	3.3		
		Medium	959	64.4	48.2	17.1	8.0	1.6	18.2	9.1	1.7	21.2	11.2	1.8	22.1	12.3	2.0	22.8	13.4	2.4
					53.6	17.7	5.2	1.6	18.9	5.9	1.8	22.0	7.3	1.9	22.9	8.0	2.1	23.6	8.7	2.5
					59.0	21.3	5.4	1.8	22.8	6.1	1.9	26.4	7.5	2.1	27.6	8.3	2.3	28.4	9.0	2.8
				69.8	53.6	21.2	12.2	1.9	22.6	13.8	2.0	26.3	17.0	2.2	27.5	18.7	2.5	28.3	20.3	2.9
					59.0	21.7	10.0	1.9	23.2	11.3	2.1	27.0	13.9	2.2	28.1	15.3	2.5	29.0	16.6	3.0
					66.2	25.3	7.9	2.1	27.0	8.9	2.2	31.3	11.0	2.4	32.7	12.1	2.7	33.7	13.1	3.2
				75.2	60.8	22.7	12.5	1.9	24.2	14.2	2.1	28.2	17.4	2.2	29.4	19.2	2.5	30.3	20.8	2.9
66.2	25.8				12.1	2.1	27.5	13.8	2.2	32.0	16.9	2.4	33.4	18.6	2.7	34.4	20.2	3.2		
73.4	25.3				5.7	2.2	27.0	6.5	2.3	31.4	8.0	2.5	32.7	8.8	2.8	33.7	9.5	3.3		
80.6	60.8			23.7	15.6	2.0	25.3	17.7	2.2	29.4	21.8	2.4	30.7	24.0	2.7	31.6	26.0	3.1		
	66.2			26.3	15.5	2.1	28.1	17.5	2.3	32.7	21.6	2.4	34.1	23.8	2.8	35.1	25.8	3.2		
	73.4			27.9	10.5	2.1	29.8	11.9	2.3	34.6	14.6	2.5	36.1	16.1	2.8	37.2	17.5	3.3		
84.2	66.2			26.9	16.6	2.1	28.6	18.8	2.3	33.3	23.1	2.5	34.7	25.5	2.8	35.8	27.6	3.3		
	60.8			25.0	17.4	2.1	26.6	19.7	2.2	30.9	24.3	2.4	32.3	26.8	2.7	33.3	29.0	3.2		
	66.2			27.1	17.7	2.1	28.9	20.1	2.3	33.6	24.7	2.5	35.1	27.2	2.8	36.2	29.5	3.3		
86.0	73.4			28.5	14.5	2.2	30.4	16.4	2.3	35.3	20.2	2.5	36.8	22.3	2.8	38.0	24.2	3.3		
	60.8			26.2	18.8	2.1	28.0	21.4	2.3	32.5	26.3	2.4	33.9	28.9	2.8	35.0	31.4	3.2		
	66.2			27.9	19.9	2.1	29.8	22.5	2.3	34.6	27.7	2.5	36.1	30.5	2.8	37.2	33.1	3.3		
89.6	73.4			29.3	18.4	2.2	31.3	20.8	2.4	36.4	25.6	2.5	37.9	28.2	2.9	39.1	30.6	3.4		
	60.8			26.2	18.8	2.1	28.0	21.4	2.3	32.5	26.3	2.4	33.9	28.9	2.8	35.0	31.4	3.2		
	66.2			27.9	19.9	2.1	29.8	22.5	2.3	34.6	27.7	2.5	36.1	30.5	2.8	37.2	33.1	3.3		
Low	895			64.4	48.2	16.2	7.3	1.5	17.3	8.3	1.7	20.1	10.2	1.8	20.9	11.2	2.0	21.6	12.1	2.4
					53.6	16.8	4.8	1.6	17.9	5.4	1.7	20.8	6.6	1.9	21.7	7.3	2.1	22.4	7.9	2.5
					59.0	20.2	4.9	1.8	21.6	5.5	1.9	25.1	6.8	2.0	26.2	7.5	2.3	27.0	8.2	2.7
				69.8	53.6	20.2	11.1	1.9	21.5	12.5	2.0	25.0	15.4	2.1	26.1	17.0	2.4	26.9	18.4	2.9
					59.0	20.6	9.0	1.9	22.0	10.2	2.0	25.6	12.6	2.2	26.7	13.9	2.5	27.5	15.1	2.9
					66.2	24.0	7.2	2.0	25.6	8.1	2.2	29.7	10.0	2.4	31.0	11.0	2.7	32.0	11.9	3.1
				75.2	60.8	21.6	11.3	1.9	23.0	12.9	2.0	26.7	15.8	2.2	27.9	17.4	2.5	28.7	18.9	2.9
		66.2	24.5		11.0	2.1	26.1	12.5	2.2	30.4	15.4	2.4	31.7	16.9	2.7	32.7	18.4	3.2		
		73.4	24.0		5.2	2.1	25.6	5.9	2.3	29.8	7.2	2.5	31.0	8.0	2.8	32.0	8.6	3.3		
		80.6	60.8	22.5	14.2	2.0	24.0	16.1	2.2	27.9	19.8	2.3	29.1	21.8	2.6	30.0	23.6	3.1		
			66.2	25.0	14.1	2.1	26.7	15.9	2.2	31.0	19.6	2.4	32.3	21.6	2.7	33.3	23.4	3.2		
			73.4	26.5	9.5	2.1	28.3	10.8	2.3	32.8	13.3	2.5	34.3	14.6	2.8	35.3	15.9	3.3		
		84.2	66.2	25.5	15.1	2.1	27.2	17.1	2.3	31.6	21.0	2.4	33.0	23.1	2.8	34.0	25.1	3.2		
			60.8	23.7	15.8	2.0	25.3	17.9	2.2	29.4	22.1	2.4	30.6	24.3	2.7	31.6	26.4	3.1		
			66.2	25.7	16.1	2.1	27.5	18.2	2.3	31.9	22.4	2.4	33.3	24.7	2.8	34.3	26.8	3.2		
		86.0	73.4	27.0	13.2	2.1	28.8	14.9	2.3	33.5	18.4	2.5	35.0	20.2	2.8	36.0	21.9	3.3		
			60.8	24.9	17.1	2.1	26.6	19.4	2.2	30.9	23.9	2.4	32.2	26.3	2.7	33.2	28.5	3.2		
			66.2	26.5	18.0	2.1	28.3	20.4	2.3	32.8	25.1	2.5	34.3	27.7	2.8	35.3	30.0	3.3		
		89.6	73.4	29.3	17.6	2.2	31.3	19.9	2.4	36.4	24.5	2.5	37.9	27.0	2.9	39.1	29.3	3.4		
			60.8	26.2	18.8	2.1	28.0	21.4	2.3	32.5	26.3	2.4	33.9	28.9	2.8	35.0	31.4	3.2		
			66.2	27.9	19.9	2.1	29.8	22.5	2.3	34.6	27.7	2.5	36.1	30.5	2.8	37.2	33.1	3.3		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)											
				102.2			109.4			114.8			118.4		
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
High	1177	64.4	48.2	22.8	14.5	2.6	18.6	12.1	2.2	17.4	11.6	2.1	16.3	11.0	2.1
			53.6	23.6	9.5	2.8	19.3	7.9	2.3	18.1	7.5	2.1	16.9	7.2	2.2
			59.0	28.4	9.8	3.0	23.2	8.1	2.5	21.8	7.8	2.4	20.3	7.4	2.4
		69.8	53.6	28.3	22.0	3.2	23.1	18.3	2.6	21.7	17.5	2.5	20.2	16.7	2.5
			59.0	29.0	18.0	3.2	23.7	15.0	2.7	22.2	14.3	2.5	20.7	13.6	2.6
			66.2	33.7	14.3	3.5	27.5	11.9	2.9	25.8	11.3	2.7	24.1	10.8	2.8
		75.2	60.8	30.3	22.6	3.2	24.7	18.8	2.7	23.2	18.0	2.5	21.6	17.1	2.6
			66.2	34.4	22.0	3.5	28.1	18.3	2.9	26.3	17.5	2.8	24.6	16.6	2.8
			73.4	33.7	10.3	3.7	27.5	8.6	3.0	25.8	8.2	2.9	24.1	7.8	2.9
		80.6	60.8	31.6	28.2	3.5	25.8	23.5	2.9	24.2	22.5	2.7	22.6	21.4	2.8
			66.2	35.1	28.0	3.6	28.7	23.3	2.9	26.9	22.3	2.8	25.1	21.2	2.8
			73.4	37.2	19.0	3.6	30.4	15.8	3.0	28.5	15.1	2.8	26.6	14.4	2.9
		84.2	66.2	35.8	30.0	3.6	29.2	25.0	3.0	27.4	23.9	2.8	25.6	22.7	2.9
			60.8	33.3	31.5	3.5	27.2	26.2	2.9	25.5	25.1	2.7	23.8	23.9	2.8
			66.2	36.2	32.0	3.6	29.5	26.7	3.0	27.7	25.5	2.8	25.8	24.2	2.9
		86.0	73.4	38.0	26.2	3.7	31.0	21.8	3.0	29.1	20.9	2.9	27.1	19.8	2.9
			60.8	35.0	34.1	3.6	28.6	28.4	2.9	26.8	27.1	2.8	25.0	25.8	2.8
			66.2	37.2	35.9	3.6	30.4	29.9	3.0	28.5	28.6	2.8	26.6	27.2	2.9
89.6	73.4	38.3	32.6	3.7	31.3	27.1	3.0	29.3	25.9	2.9	27.4	24.6	2.9		
	64.4	48.2	22.3	13.2	2.6	18.2	11.0	2.2	17.1	10.5	2.0	15.9	10.0	2.1	
	53.6	23.1	8.6	2.7	18.9	7.2	2.3	17.7	6.9	2.1	16.5	6.5	2.2		
Medium	959	64.4	59.0	27.9	8.9	3.0	22.8	7.4	2.5	21.3	7.1	2.3	19.9	6.7	2.4
			53.6	27.7	20.1	3.1	22.6	16.7	2.6	21.2	16.0	2.5	19.8	15.2	2.5
			59.0	28.4	16.4	3.2	23.2	13.7	2.7	21.7	13.1	2.5	20.3	12.4	2.6
		69.8	66.2	33.0	13.0	3.5	27.0	10.8	2.9	25.3	10.3	2.7	23.6	9.8	2.8
			60.8	29.7	20.6	3.2	24.2	17.2	2.7	22.7	16.4	2.5	21.2	15.6	2.6
			66.2	33.7	20.0	3.5	27.5	16.7	2.9	25.8	15.9	2.7	24.1	15.1	2.8
		75.2	73.4	33.0	9.4	3.6	27.0	7.8	3.0	25.3	7.5	2.8	23.6	7.1	2.9
			60.8	31.0	25.7	3.4	25.3	21.4	2.8	23.7	20.5	2.7	22.1	19.5	2.7
			66.2	34.4	25.5	3.5	28.1	21.3	2.9	26.3	20.3	2.8	24.6	19.3	2.8
		80.6	73.4	36.5	17.3	3.6	29.8	14.4	3.0	27.9	13.8	2.8	26.1	13.1	2.9
			66.2	35.1	27.3	3.6	28.6	22.8	2.9	26.9	21.8	2.8	25.1	20.7	2.8
			60.8	32.6	28.7	3.5	26.6	23.9	2.9	25.0	22.9	2.7	23.3	21.7	2.8
		84.2	66.2	35.4	29.2	3.6	28.9	24.3	2.9	27.1	23.2	2.8	25.3	22.1	2.8
			73.4	37.2	23.9	3.6	30.4	19.9	3.0	28.5	19.0	2.8	26.6	18.1	2.9
			60.8	34.3	31.1	3.5	28.0	25.9	2.9	26.2	24.7	2.8	24.5	23.5	2.8
		86.0	66.2	36.5	32.7	3.6	29.8	27.3	3.0	27.9	26.1	2.8	26.1	24.8	2.9
			73.4	38.3	30.3	3.7	31.3	25.2	3.0	29.3	24.1	2.9	27.4	22.9	2.9
			64.4	48.2	21.2	12.0	2.6	17.3	10.0	2.1	16.2	9.6	2.0	15.1	9.1
Low	895	64.4	53.6	22.0	7.8	2.7	17.9	6.5	2.2	16.8	6.2	2.1	15.7	5.9	2.2
			59.0	26.4	8.1	3.0	21.6	6.7	2.5	20.2	6.4	2.3	18.9	6.1	2.4
			53.6	26.3	18.2	3.1	21.5	15.2	2.6	20.2	14.5	2.4	18.8	13.8	2.5
		69.8	59.0	27.0	14.9	3.2	22.0	12.4	2.6	20.6	11.9	2.5	19.3	11.3	2.5
			66.2	31.3	11.8	3.4	25.6	9.8	2.8	24.0	9.4	2.7	22.4	8.9	2.7
			60.8	28.2	18.7	3.2	23.0	15.6	2.6	21.6	14.9	2.5	20.1	14.2	2.5
		75.2	66.2	32.0	18.2	3.5	26.1	15.1	2.9	24.5	14.5	2.7	22.9	13.8	2.8
			73.4	31.4	8.6	3.6	25.6	7.1	3.0	24.0	6.8	2.8	22.4	6.5	2.9
			60.8	29.4	23.4	3.4	24.0	19.5	2.8	22.5	18.6	2.6	21.0	17.7	2.7
		80.6	66.2	32.7	23.2	3.5	26.7	19.3	2.9	25.0	18.4	2.7	23.3	17.5	2.8
			73.4	34.6	15.7	3.6	28.3	13.1	2.9	26.5	12.5	2.8	24.7	11.9	2.8
			66.2	33.3	24.8	3.5	27.2	20.7	2.9	25.5	19.8	2.8	23.8	18.8	2.8
		84.2	60.8	30.9	26.1	3.4	25.3	21.7	2.8	23.7	20.8	2.7	22.1	19.7	2.7
			66.2	33.6	26.5	3.5	27.5	22.1	2.9	25.7	21.1	2.8	24.0	20.1	2.8
			73.4	35.3	21.7	3.6	28.8	18.1	3.0	27.0	17.3	2.8	25.2	16.4	2.9
		86.0	60.8	32.5	28.2	3.5	26.6	23.5	2.9	24.9	22.5	2.7	23.2	21.4	2.8
			66.2	34.6	29.7	3.6	28.3	24.8	2.9	26.5	23.7	2.8	24.7	22.5	2.8
			73.4	38.3	29.0	3.7	31.3	24.1	3.0	29.3	23.1	2.9	27.4	21.9	2.9

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD42NK3CO/GUHD42NM3CO Indoor Unit:GTH42K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																
				64.4			69.8			77			86			95				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1177	64.4	48.2	19.1	9.6	1.7	20.3	10.9	1.9	23.6	13.4	2.0	24.7	14.8	2.3	25.4	16.1	2.6		
			53.6	19.8	6.3	1.8	21.1	7.1	1.9	24.5	8.8	2.1	25.6	9.7	2.4	26.4	10.5	2.8		
			59.0	23.8	6.5	2.0	25.4	7.3	2.1	29.6	9.0	2.3	30.8	9.9	2.6	31.8	10.8	3.0		
		69.8	53.6	23.7	14.6	2.1	25.3	16.6	2.2	29.4	20.4	2.4	30.7	22.5	2.7	31.6	24.4	3.2		
			59.0	24.3	12.0	2.1	25.9	13.6	2.3	30.1	16.7	2.4	31.4	18.4	2.8	32.4	19.9	3.3		
			66.2	28.3	9.5	2.3	30.1	10.7	2.5	35.0	13.2	2.6	36.5	14.5	3.0	37.7	15.8	3.5		
		75.2	60.8	25.4	15.0	2.1	27.1	17.0	2.3	31.5	20.9	2.4	32.8	23.1	2.8	33.8	25.0	3.3		
			66.2	28.8	14.6	2.3	30.8	16.5	2.5	35.8	20.3	2.7	37.3	22.4	3.0	38.5	24.3	3.5		
			73.4	28.3	6.9	2.4	30.1	7.8	2.6	35.0	9.6	2.8	36.6	10.5	3.1	37.7	11.4	3.7		
		80.6	60.8	26.5	18.7	2.3	28.3	21.2	2.4	32.8	26.2	2.6	34.3	28.8	3.0	35.3	31.2	3.5		
			66.2	29.4	18.6	2.3	31.4	21.1	2.5	36.5	25.9	2.7	38.1	28.6	3.0	39.2	31.0	3.6		
			73.4	31.2	12.6	2.4	33.3	14.3	2.6	38.7	17.6	2.7	40.3	19.4	3.1	41.6	21.0	3.7		
		84.2	66.2	30.0	19.9	2.4	32.0	22.6	2.5	37.2	27.8	2.7	38.8	30.6	3.1	40.0	33.2	3.6		
			60.8	27.9	20.9	2.3	29.7	23.7	2.5	34.6	29.2	2.6	36.1	32.1	3.0	37.2	34.9	3.5		
			66.2	30.3	21.3	2.4	32.3	24.1	2.5	37.6	29.7	2.7	39.2	32.7	3.1	40.4	35.4	3.6		
		86.0	73.4	31.8	17.4	2.4	33.9	19.7	2.6	39.5	24.3	2.8	41.2	26.7	3.1	42.4	29.0	3.7		
			60.8	29.3	22.6	2.3	31.3	25.7	2.5	36.4	31.6	2.7	37.9	34.8	3.0	39.1	37.7	3.6		
			66.2	31.2	23.9	2.4	33.3	27.0	2.6	38.7	33.3	2.7	40.3	36.6	3.1	41.6	39.8	3.7		
		89.6	73.4	32.1	21.6	2.4	34.3	24.5	2.6	39.8	30.2	2.8	41.6	33.2	3.1	42.8	36.0	3.7		
			48.2	18.7	8.8	1.7	19.9	10.0	1.8	23.2	12.3	2.0	24.2	13.5	2.2	24.9	14.6	2.6		
			53.6	19.4	5.7	1.8	20.7	6.5	1.9	24.0	8.0	2.1	25.1	8.8	2.3	25.9	9.6	2.7		
		Medium	959	64.4	59.0	23.4	5.9	2.0	24.9	6.7	2.1	29.0	8.2	2.3	30.2	9.1	2.6	31.1	9.8	3.0
					53.6	23.3	13.3	2.1	24.8	15.1	2.2	28.8	18.6	2.4	30.1	20.5	2.7	31.0	22.2	3.2
					59.0	23.8	10.9	2.1	25.4	12.4	2.3	29.5	15.2	2.4	30.8	16.7	2.7	31.7	18.2	3.2
				69.8	66.2	27.7	8.6	2.3	29.5	9.8	2.4	34.3	12.0	2.6	35.8	13.2	3.0	36.9	14.4	3.5
					60.8	24.9	13.7	2.1	26.5	15.5	2.3	30.8	19.1	2.4	32.2	21.0	2.7	33.2	22.8	3.2
					66.2	28.3	13.3	2.3	30.1	15.1	2.5	35.0	18.5	2.6	36.6	20.4	3.0	37.7	22.1	3.5
75.2	73.4			27.7	6.3	2.4	29.5	7.1	2.6	34.3	8.7	2.7	35.8	9.6	3.1	36.9	10.4	3.6		
	60.8			26.0	17.1	2.2	27.7	19.4	2.4	32.2	23.8	2.6	33.6	26.2	2.9	34.6	28.5	3.4		
	66.2			28.8	17.0	2.3	30.8	19.2	2.5	35.8	23.6	2.7	37.3	26.0	3.0	38.5	28.3	3.5		
80.6	73.4			30.6	11.5	2.3	32.6	13.0	2.5	37.9	16.0	2.7	39.5	17.7	3.1	40.8	19.2	3.6		
	66.2			29.4	18.2	2.3	31.4	20.6	2.5	36.5	25.3	2.7	38.0	27.9	3.0	39.2	30.3	3.6		
	60.8			27.3	19.1	2.3	29.2	21.6	2.4	33.9	26.6	2.6	35.3	29.3	3.0	36.4	31.8	3.5		
86.0	66.2			29.7	19.4	2.3	31.7	22.0	2.5	36.8	27.0	2.7	38.4	29.8	3.0	39.6	32.3	3.6		
	73.4			31.2	15.9	2.4	33.3	18.0	2.6	38.7	22.1	2.7	40.3	24.4	3.1	41.6	26.5	3.7		
	60.8			28.7	20.6	2.3	30.7	23.4	2.5	35.6	28.8	2.7	37.2	31.7	3.0	38.3	34.4	3.5		
89.6	66.2			30.6	21.7	2.3	32.6	24.6	2.5	37.9	30.3	2.7	39.5	33.4	3.1	40.8	36.2	3.6		
	73.4			32.1	20.1	2.4	34.3	22.8	2.6	39.8	28.1	2.8	41.6	30.9	3.1	42.8	33.5	3.7		
	48.2			17.7	8.0	1.7	18.9	9.0	1.8	22.0	11.1	1.9	22.9	12.3	2.2	23.6	13.3	2.6		
Low	895			64.4	53.6	18.4	5.2	1.8	19.6	5.9	1.9	22.8	7.3	2.0	23.8	8.0	2.3	24.5	8.7	2.7
					59.0	22.2	5.4	1.9	23.6	6.1	2.1	27.5	7.5	2.2	28.7	8.2	2.5	29.6	8.9	3.0
					53.6	22.1	12.1	2.0	23.5	13.7	2.2	27.4	16.9	2.3	28.5	18.6	2.7	29.4	20.2	3.1
				69.8	59.0	22.6	9.9	2.1	24.1	11.2	2.2	28.0	13.8	2.4	29.2	15.2	2.7	30.1	16.5	3.2
					66.2	26.3	7.8	2.2	28.0	8.9	2.4	32.6	10.9	2.6	34.0	12.0	2.9	35.0	13.1	3.4
					60.8	23.6	12.4	2.1	25.2	14.1	2.2	29.3	17.3	2.4	30.5	19.1	2.7	31.5	20.7	3.2
				75.2	66.2	26.8	12.1	2.3	28.6	13.7	2.4	33.3	16.8	2.6	34.7	18.5	3.0	35.8	20.1	3.5
					73.4	26.3	5.7	2.3	28.0	6.4	2.5	32.6	7.9	2.7	34.0	8.7	3.1	35.0	9.5	3.6
					60.8	24.6	15.5	2.2	26.3	17.6	2.4	30.5	21.6	2.6	31.9	23.8	2.9	32.8	25.9	3.4
		80.6	66.2	27.4	15.4	2.3	29.2	17.4	2.5	33.9	21.5	2.6	35.4	23.6	3.0	36.5	25.7	3.5		
			73.4	29.0	10.4	2.3	30.9	11.8	2.5	36.0	14.6	2.7	37.5	16.0	3.0	38.7	17.4	3.6		
			66.2	27.9	16.5	2.3	29.8	18.7	2.5	34.6	23.0	2.7	36.1	25.3	3.0	37.2	27.5	3.5		
		84.2	60.8	25.9	17.3	2.2	27.7	19.6	2.4	32.2	24.2	2.6	33.5	26.6	2.9	34.6	28.9	3.4		
			66.2	28.2	17.6	2.3	30.1	19.9	2.5	35.0	24.6	2.7	36.5	27.0	3.0	37.6	29.3	3.5		
			73.4	29.6	14.4	2.3	31.6	16.3	2.5	36.7	20.1	2.7	38.3	22.1	3.1	39.5	24.0	3.6		
		86.0	60.8	27.3	18.7	2.3	29.1	21.2	2.5	33.8	26.2	2.6	35.3	28.8	3.0	36.4	31.2	3.5		
			66.2	29.0	19.7	2.3	30.9	22.4	2.5	36.0	27.5	2.7	37.5	30.3	3.0	38.7	32.9	3.6		
			73.4	32.1	19.2	2.4	34.3	21.8	2.6	39.8	26.8	2.8	41.6	29.6	3.1	42.8	32.1	3.7		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)													
				102.2			109.4			114.8			118.4				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1177	64.4	48.2	24.9	15.9	2.9	20.3	13.2	2.4	19.1	12.7	2.3	17.8	12.0	2.3		
			53.6	25.9	10.4	3.0	21.1	8.6	2.5	19.8	8.3	2.4	18.5	7.9	2.4		
			59.0	31.1	10.7	3.3	25.4	8.9	2.7	23.8	8.5	2.6	22.2	8.1	2.6		
		69.8	53.6	31.0	24.1	3.5	25.3	20.1	2.9	23.7	19.2	2.7	22.1	18.3	2.8		
			59.0	31.7	19.7	3.6	25.9	16.4	2.9	24.3	15.7	2.8	22.7	14.9	2.8		
			66.2	36.9	15.6	3.8	30.1	13.0	3.2	28.3	12.4	3.0	26.4	11.8	3.1		
		75.2	60.8	33.2	24.8	3.6	27.1	20.6	2.9	25.4	19.7	2.8	23.7	18.7	2.8		
			66.2	37.7	24.1	3.9	30.8	20.0	3.2	28.8	19.1	3.0	26.9	18.2	3.1		
			73.4	36.9	11.3	4.0	30.1	9.4	3.3	28.3	9.0	3.1	26.4	8.6	3.2		
		80.6	60.8	34.6	30.9	3.8	28.3	25.7	3.1	26.5	24.6	3.0	24.7	23.4	3.0		
			66.2	38.5	30.7	3.9	31.4	25.5	3.2	29.4	24.4	3.0	27.5	23.2	3.1		
			73.4	40.8	20.8	4.0	33.3	17.3	3.3	31.2	16.6	3.1	29.1	15.8	3.2		
		84.2	66.2	39.2	32.9	3.9	32.0	27.4	3.3	30.0	26.1	3.1	28.0	24.9	3.1		
			60.8	36.4	34.5	3.8	29.7	28.7	3.2	27.9	27.5	3.0	26.0	26.1	3.1		
			66.2	39.6	35.1	3.9	32.3	29.2	3.3	30.3	27.9	3.1	28.3	26.5	3.1		
		86.0	73.4	41.6	28.7	4.0	33.9	23.9	3.3	31.8	22.9	3.1	29.7	21.7	3.2		
			60.8	38.3	37.4	3.9	31.3	31.1	3.2	29.3	29.7	3.0	27.4	28.3	3.1		
			66.2	40.8	39.4	4.0	33.3	32.8	3.3	31.2	31.3	3.1	29.1	29.8	3.2		
		89.6	73.4	42.0	35.7	4.0	34.3	29.7	3.3	32.1	28.4	3.1	30.0	27.0	3.2		
			48.2	24.4	14.5	2.9	19.9	12.1	2.4	18.7	11.5	2.2	17.4	11.0	2.3		
			53.6	25.3	9.5	3.0	20.7	7.9	2.5	19.4	7.5	2.3	18.1	7.2	2.4		
		Medium	959	64.4	59.0	30.5	9.7	3.3	24.9	8.1	2.7	23.4	7.7	2.6	21.8	7.4	2.6
					53.6	30.4	22.0	3.4	24.8	18.3	2.8	23.3	17.5	2.7	21.7	16.6	2.7
					59.0	31.1	18.0	3.5	25.4	15.0	2.9	23.8	14.3	2.7	22.2	13.6	2.8
69.8	66.2			36.2	14.2	3.8	29.5	11.8	3.1	27.7	11.3	3.0	25.8	10.8	3.0		
	60.8			32.5	22.6	3.5	26.5	18.8	2.9	24.9	18.0	2.7	23.2	17.1	2.8		
	66.2			36.9	21.9	3.8	30.1	18.3	3.2	28.3	17.4	3.0	26.4	16.6	3.1		
75.2	73.4			36.2	10.3	4.0	29.5	8.6	3.3	27.7	8.2	3.1	25.9	7.8	3.2		
	60.8			33.9	28.2	3.7	27.7	23.5	3.1	26.0	22.4	2.9	24.2	21.3	3.0		
	66.2			37.7	28.0	3.9	30.8	23.3	3.2	28.8	22.2	3.0	26.9	21.2	3.1		
80.6	73.4			39.9	19.0	3.9	32.6	15.8	3.3	30.6	15.1	3.1	28.5	14.4	3.1		
	66.2			38.4	29.9	3.9	31.4	24.9	3.2	29.4	23.8	3.0	27.5	22.7	3.1		
	60.8			35.7	31.5	3.8	29.2	26.2	3.1	27.3	25.0	3.0	25.5	23.8	3.0		
84.2	66.2			38.8	32.0	3.9	31.7	26.6	3.2	29.7	25.4	3.0	27.7	24.2	3.1		
	73.4			40.8	26.2	4.0	33.3	21.8	3.3	31.2	20.8	3.1	29.1	19.8	3.2		
	60.8			37.5	34.1	3.9	30.7	28.3	3.2	28.7	27.1	3.0	26.8	25.8	3.1		
86.0	66.2			39.9	35.9	3.9	32.6	29.9	3.3	30.6	28.5	3.1	28.5	27.1	3.1		
	73.4			42.0	33.2	4.0	34.3	27.6	3.3	32.1	26.4	3.1	30.0	25.1	3.2		
	48.2			23.2	13.2	2.8	18.9	11.0	2.3	17.7	10.5	2.2	16.6	10.0	2.3		
Low	895			64.4	53.6	24.0	8.6	3.0	19.6	7.2	2.4	18.4	6.8	2.3	17.2	6.5	2.4
					59.0	29.0	8.8	3.3	23.6	7.4	2.7	22.2	7.0	2.5	20.7	6.7	2.6
					53.6	28.8	20.0	3.4	23.5	16.6	2.8	22.1	15.9	2.7	20.6	15.1	2.7
				69.8	59.0	29.5	16.3	3.5	24.1	13.6	2.9	22.6	13.0	2.7	21.1	12.4	2.8
					66.2	34.3	12.9	3.7	28.0	10.8	3.1	26.3	10.3	2.9	24.5	9.8	3.0
					60.8	30.8	20.5	3.5	25.2	17.1	2.9	23.6	16.3	2.7	22.0	15.5	2.8
		75.2	66.2	35.0	19.9	3.8	28.6	16.6	3.1	26.8	15.8	3.0	25.0	15.1	3.0		
			73.4	34.3	9.4	3.9	28.0	7.8	3.3	26.3	7.5	3.1	24.5	7.1	3.1		
			60.8	32.2	25.6	3.7	26.3	21.3	3.1	24.6	20.4	2.9	23.0	19.4	3.0		
		80.6	66.2	35.8	25.4	3.8	29.2	21.1	3.2	27.4	20.2	3.0	25.5	19.2	3.1		
			73.4	37.9	17.2	3.9	30.9	14.3	3.2	29.0	13.7	3.0	27.1	13.0	3.1		
			66.2	36.5	27.2	3.9	29.8	22.6	3.2	27.9	21.6	3.0	26.1	20.6	3.1		
		84.2	60.8	33.9	28.6	3.7	27.7	23.8	3.1	25.9	22.7	2.9	24.2	21.6	3.0		
			66.2	36.8	29.0	3.9	30.1	24.2	3.2	28.2	23.1	3.0	26.3	22.0	3.1		
			73.4	38.7	23.8	3.9	31.6	19.8	3.3	29.6	18.9	3.1	27.6	18.0	3.1		
		86.0	60.8	35.6	30.9	3.8	29.1	25.7	3.2	27.3	24.6	3.0	25.5	23.4	3.1		
			66.2	37.9	32.6	3.9	30.9	27.1	3.2	29.0	25.9	3.0	27.1	24.6	3.1		
			73.4	42.0	31.7	4.0	34.3	26.4	3.3	32.1	25.3	3.1	30.0	24.0	3.2		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD48NK3CO/GUHD48NM3CO Indoor Unit:GTH48K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)															
				64.4			69.8			77			86			95			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	1354	64.4	48.2	23.2	11.7	2.0	24.8	13.3	2.2	28.8	16.4	2.3	30.0	18.0	2.6	31.0	19.6	3.1	
			53.6	24.1	7.7	2.1	25.7	8.7	2.3	29.9	10.7	2.4	31.2	11.8	2.8	32.1	12.8	3.2	
			59.0	29.0	7.9	2.3	31.0	8.9	2.5	36.0	11.0	2.7	37.5	12.1	3.0	38.7	13.1	3.6	
		69.8	53.6	28.9	17.8	2.4	30.8	20.2	2.6	35.8	24.8	2.8	37.4	27.3	3.2	38.5	29.7	3.7	
			59.0	29.6	14.6	2.5	31.5	16.5	2.7	36.7	20.3	2.9	38.3	22.4	3.3	39.4	24.3	3.8	
			66.2	34.4	11.5	2.7	36.7	13.1	2.9	42.6	16.1	3.1	44.5	17.7	3.5	45.9	19.2	4.1	
		75.2	60.8	30.9	18.3	2.5	33.0	20.7	2.7	38.3	25.5	2.9	40.0	28.1	3.3	41.2	30.5	3.8	
			66.2	35.1	17.8	2.7	37.5	20.1	2.9	43.5	24.8	3.1	45.4	27.3	3.5	46.8	29.6	4.2	
			73.4	34.4	8.4	2.8	36.7	9.5	3.0	42.7	11.6	3.2	44.5	12.8	3.7	45.9	13.9	4.3	
		80.6	60.8	32.2	22.8	2.6	34.4	25.9	2.9	40.0	31.8	3.1	41.7	35.1	3.5	43.0	38.0	4.1	
			66.2	35.8	22.6	2.7	38.2	25.7	2.9	44.4	31.6	3.2	46.3	34.8	3.6	47.8	37.7	4.2	
			73.4	38.0	15.4	2.8	40.5	17.4	3.0	47.1	21.4	3.2	49.1	23.6	3.6	50.6	25.6	4.3	
	84.2	66.2	36.5	24.2	2.8	39.0	27.5	3.0	45.3	33.8	3.2	47.3	37.2	3.6	48.7	40.4	4.2		
		60.8	33.9	25.5	2.7	36.2	28.9	2.9	42.1	35.5	3.1	43.9	39.1	3.5	45.3	42.5	4.1		
		66.2	36.9	25.9	2.8	39.4	29.3	3.0	45.8	36.1	3.2	47.7	39.8	3.6	49.2	43.1	4.2		
	86.0	73.4	38.7	21.2	2.8	41.3	24.0	3.0	48.0	29.6	3.2	50.1	32.6	3.7	51.7	35.3	4.3		
		60.8	35.7	27.6	2.7	38.1	31.2	2.9	44.3	38.5	3.1	46.2	42.3	3.6	47.6	46.0	4.2		
		66.2	38.0	29.0	2.8	40.5	32.9	3.0	47.1	40.5	3.2	49.1	44.6	3.6	50.6	48.4	4.3		
	89.6	73.4	39.1	26.3	2.8	41.7	29.8	3.0	48.5	36.7	3.2	50.6	40.4	3.7	52.2	43.9	4.3		
		48.2	22.8	10.7	2.0	24.3	12.1	2.2	28.2	14.9	2.3	29.4	16.4	2.6	30.3	17.8	3.1		
		53.6	23.6	7.0	2.1	25.2	7.9	2.3	29.3	9.7	2.4	30.5	10.7	2.7	31.5	11.6	3.2		
	Medium	1236	64.4	59.0	28.4	7.2	2.3	30.3	8.1	2.5	35.3	10.0	2.7	36.8	11.0	3.0	37.9	12.0	3.5
				53.6	28.3	16.2	2.4	30.2	18.4	2.6	35.1	22.6	2.8	36.6	24.9	3.2	37.7	27.0	3.7
				59.0	29.0	13.3	2.5	30.9	15.0	2.7	35.9	18.5	2.8	37.5	20.4	3.2	38.6	22.1	3.8
69.8			66.2	33.7	10.5	2.6	36.0	11.9	2.9	41.8	14.6	3.1	43.6	16.1	3.5	44.9	17.5	4.1	
			60.8	30.3	16.7	2.5	32.3	18.9	2.7	37.5	23.2	2.8	39.2	25.6	3.2	40.4	27.8	3.8	
			66.2	34.4	16.2	2.7	36.7	18.3	2.9	42.7	22.6	3.1	44.5	24.8	3.5	45.9	27.0	4.1	
75.2			73.4	33.7	7.6	2.8	36.0	8.6	3.0	41.8	10.6	3.2	43.6	11.7	3.6	45.0	12.7	4.3	
			60.8	31.6	20.8	2.6	33.7	23.6	2.8	39.2	29.0	3.0	40.9	31.9	3.4	42.1	34.7	4.0	
			66.2	35.1	20.6	2.7	37.5	23.4	2.9	43.5	28.8	3.1	45.4	31.7	3.5	46.8	34.4	4.2	
80.6			73.4	37.2	14.0	2.8	39.7	15.9	3.0	46.1	19.5	3.2	48.1	21.5	3.6	49.6	23.3	4.2	
			66.2	35.8	22.1	2.7	38.2	25.0	2.9	44.4	30.8	3.1	46.3	33.9	3.6	47.7	36.8	4.2	
			60.8	33.3	23.2	2.6	35.5	26.3	2.9	41.3	32.4	3.1	43.0	35.7	3.5	44.4	38.7	4.1	
86.0		66.2	36.2	23.6	2.7	38.6	26.7	2.9	44.8	32.9	3.1	46.8	36.2	3.6	48.2	39.3	4.2		
		73.4	38.0	19.3	2.8	40.5	21.9	3.0	47.1	27.0	3.2	49.1	29.7	3.6	50.6	32.2	4.3		
		60.8	35.0	25.1	2.7	37.3	28.5	2.9	43.4	35.1	3.1	45.2	38.6	3.5	46.6	41.9	4.2		
89.6		66.2	37.2	26.5	2.8	39.7	30.0	3.0	46.1	36.9	3.2	48.1	40.6	3.6	49.6	44.1	4.2		
		73.4	39.1	24.5	2.8	41.7	27.7	3.0	48.5	34.1	3.2	50.6	37.6	3.7	52.2	40.8	4.3		
		48.2	21.6	9.7	2.0	23.0	11.0	2.1	26.8	13.5	2.3	27.9	14.9	2.6	28.8	16.2	3.0		
Low		1118	64.4	53.6	22.4	6.3	2.1	23.9	7.2	2.2	27.8	8.8	2.4	29.0	9.7	2.7	29.9	10.6	3.2
				59.0	27.0	6.5	2.3	28.8	7.4	2.4	33.5	9.1	2.6	34.9	10.0	3.0	36.0	10.9	3.5
				53.6	26.9	14.7	2.4	28.7	16.7	2.6	33.3	20.6	2.8	34.7	22.6	3.1	35.8	24.6	3.7
			69.8	59.0	27.5	12.1	2.4	29.3	13.7	2.6	34.1	16.8	2.8	35.6	18.5	3.2	36.7	20.1	3.8
				66.2	32.0	9.5	2.6	34.1	10.8	2.8	39.7	13.3	3.0	41.4	14.6	3.4	42.6	15.9	4.0
				60.8	28.7	15.1	2.4	30.6	17.1	2.6	35.6	21.1	2.8	37.2	23.2	3.2	38.3	25.2	3.7
	75.2		66.2	32.7	14.7	2.6	34.8	16.7	2.9	40.5	20.5	3.1	42.2	22.6	3.5	43.5	24.5	4.1	
			73.4	32.0	6.9	2.8	34.1	7.8	3.0	39.7	9.6	3.2	41.4	10.6	3.6	42.7	11.5	4.2	
			60.8	30.0	18.9	2.6	32.0	21.4	2.8	37.2	26.4	3.0	38.8	29.0	3.4	40.0	31.5	4.0	
	80.6		66.2	33.3	18.7	2.7	35.5	21.2	2.9	41.3	26.1	3.1	43.1	28.8	3.5	44.4	31.2	4.1	
			73.4	35.3	12.7	2.7	37.7	14.4	2.9	43.8	17.7	3.1	45.7	19.5	3.6	47.1	21.2	4.2	
			66.2	34.0	20.1	2.7	36.3	22.7	2.9	42.1	28.0	3.1	44.0	30.8	3.5	45.3	33.5	4.2	
	86.0	60.8	31.6	21.1	2.6	33.7	23.9	2.8	39.1	29.4	3.0	40.8	32.4	3.4	42.1	35.2	4.0		
		66.2	34.3	21.4	2.7	36.6	24.3	2.9	42.6	29.9	3.1	44.4	32.9	3.5	45.8	35.7	4.2		
		73.4	36.0	17.5	2.8	38.4	19.9	3.0	44.7	24.5	3.2	46.6	27.0	3.6	48.0	29.2	4.2		
	89.6	60.8	33.2	22.8	2.7	35.4	25.9	2.9	41.2	31.8	3.1	42.9	35.0	3.5	44.3	38.0	4.1		
		66.2	35.3	24.0	2.7	37.7	27.2	2.9	43.8	33.5	3.1	45.7	36.9	3.6	47.1	40.1	4.2		
		73.4	39.1	23.4	2.8	41.7	26.6	3.0	48.5	32.7	3.2	50.6	36.0	3.7	52.2	39.0	4.3		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)													
		DB(°F)	WB(°F)	102.2			109.4			114.8			118.4				
				TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1354	64.4	48.2	30.3	19.4	3.4	24.8	16.1	2.8	23.2	15.4	2.6	21.7	14.6	2.7		
			53.6	31.5	12.6	3.5	25.7	10.5	2.9	24.1	10.1	2.8	22.5	9.6	2.8		
			59.0	37.9	13.0	3.9	31.0	10.8	3.2	29.0	10.4	3.0	27.1	9.8	3.1		
		69.8	53.6	37.7	29.4	4.1	30.8	24.5	3.4	28.9	23.4	3.2	27.0	22.2	3.3		
			59.0	38.6	24.0	4.2	31.5	20.0	3.4	29.6	19.1	3.3	27.6	18.2	3.3		
			66.2	44.9	19.0	4.5	36.7	15.8	3.7	34.4	15.1	3.5	32.1	14.4	3.6		
		75.2	60.8	40.4	30.2	4.2	33.0	25.1	3.4	30.9	24.0	3.3	28.8	22.8	3.3		
			66.2	45.9	29.3	4.5	37.5	24.4	3.7	35.1	23.3	3.5	32.8	22.2	3.6		
			73.4	45.0	13.8	4.7	36.7	11.5	3.9	34.4	11.0	3.7	32.1	10.4	3.8		
		80.6	60.8	42.1	37.7	4.4	34.4	31.3	3.7	32.2	30.0	3.5	30.1	28.5	3.5		
			66.2	46.8	37.4	4.6	38.2	31.1	3.8	35.8	29.7	3.6	33.4	28.3	3.7		
			73.4	49.6	25.3	4.7	40.5	21.1	3.9	38.0	20.2	3.6	35.4	19.2	3.7		
		84.2	66.2	47.7	40.0	4.6	39.0	33.3	3.8	36.5	31.8	3.6	34.1	30.3	3.7		
			60.8	44.4	42.0	4.5	36.2	35.0	3.7	33.9	33.4	3.5	31.7	31.8	3.6		
			66.2	48.2	42.7	4.6	39.4	35.6	3.8	36.9	34.0	3.6	34.4	32.3	3.7		
		86.0	73.4	50.6	35.0	4.7	41.3	29.1	3.9	38.7	27.8	3.7	36.2	26.5	3.8		
			60.8	46.6	45.5	4.6	38.1	37.9	3.8	35.7	36.2	3.6	33.3	34.4	3.7		
			66.2	49.6	47.9	4.7	40.5	39.9	3.9	38.0	38.1	3.6	35.4	36.3	3.7		
		89.6	73.4	51.1	43.4	4.7	41.7	36.1	3.9	39.1	34.5	3.7	36.5	32.9	3.8		
			48.2	29.7	17.6	3.4	24.3	14.7	2.8	22.8	14.0	2.6	21.2	13.4	2.7		
			53.6	30.8	11.5	3.5	25.2	9.6	2.9	23.6	9.2	2.7	22.0	8.7	2.8		
		Medium	1236	64.4	59.0	37.2	11.9	3.9	30.3	9.9	3.2	28.4	9.4	3.0	26.5	9.0	3.1
					53.6	37.0	26.8	4.0	30.2	22.3	3.3	28.3	21.3	3.2	26.4	20.3	3.2
					59.0	37.9	21.9	4.1	30.9	18.2	3.4	29.0	17.4	3.2	27.1	16.6	3.3
69.8	66.2			44.0	17.3	4.4	36.0	14.4	3.7	33.7	13.8	3.5	31.5	13.1	3.5		
	60.8			39.6	27.5	4.1	32.3	22.9	3.4	30.3	21.9	3.2	28.3	20.8	3.3		
	66.2			45.0	26.7	4.5	36.7	22.2	3.7	34.4	21.2	3.5	32.1	20.2	3.6		
75.2	73.4			44.1	12.6	4.7	36.0	10.5	3.9	33.7	10.0	3.6	31.5	9.5	3.7		
	60.8			41.3	34.3	4.4	33.7	28.6	3.6	31.6	27.3	3.4	29.5	26.0	3.5		
	66.2			45.9	34.0	4.5	37.5	28.3	3.7	35.1	27.1	3.5	32.8	25.8	3.6		
80.6	73.4			48.6	23.1	4.6	39.7	19.2	3.8	37.2	18.4	3.6	34.7	17.5	3.7		
	66.2			46.8	36.5	4.6	38.2	30.4	3.8	35.8	29.0	3.6	33.4	27.6	3.7		
	60.8			43.5	38.3	4.4	35.5	31.9	3.7	33.3	30.5	3.5	31.1	29.0	3.5		
86.0	66.2			47.3	38.9	4.6	38.6	32.4	3.8	36.2	31.0	3.6	33.8	29.5	3.7		
	73.4			49.6	31.9	4.7	40.5	26.5	3.9	38.0	25.4	3.6	35.4	24.1	3.7		
	60.8			45.7	41.5	4.5	37.3	34.5	3.7	35.0	33.0	3.5	32.7	31.4	3.6		
89.6	66.2			48.6	43.7	4.6	39.7	36.3	3.8	37.2	34.7	3.6	34.7	33.0	3.7		
	73.4			51.1	40.4	4.7	41.7	33.6	3.9	39.1	32.1	3.7	36.5	30.6	3.8		
	48.2			28.2	16.0	3.3	23.0	13.3	2.7	21.6	12.7	2.6	20.2	12.1	2.6		
Low	1118			64.4	53.6	29.3	10.5	3.5	23.9	8.7	2.9	22.4	8.3	2.7	20.9	7.9	2.8
					59.0	35.3	10.8	3.8	28.8	9.0	3.1	27.0	8.6	3.0	25.2	8.1	3.0
					53.6	35.1	24.3	4.0	28.7	20.2	3.3	26.9	19.3	3.1	25.1	18.4	3.2
				69.8	59.0	35.9	19.9	4.1	29.3	16.6	3.4	27.5	15.8	3.2	25.7	15.0	3.3
					66.2	41.8	15.7	4.4	34.1	13.1	3.6	32.0	12.5	3.4	29.9	11.9	3.5
					60.8	37.5	25.0	4.1	30.6	20.8	3.4	28.7	19.9	3.2	26.8	18.9	3.3
		75.2	66.2	42.7	24.2	4.4	34.8	20.2	3.7	32.7	19.3	3.5	30.5	18.3	3.5		
			73.4	41.8	11.4	4.6	34.1	9.5	3.8	32.0	9.1	3.6	29.9	8.6	3.7		
			60.8	39.2	31.2	4.4	32.0	25.9	3.6	30.0	24.8	3.4	28.0	23.6	3.5		
		80.6	66.2	43.5	30.9	4.5	35.5	25.7	3.7	33.3	24.6	3.5	31.1	23.4	3.6		
			73.4	46.1	21.0	4.6	37.7	17.5	3.8	35.3	16.7	3.6	33.0	15.9	3.7		
			66.2	44.4	33.1	4.5	36.3	27.6	3.7	34.0	26.3	3.5	31.7	25.1	3.6		
		84.2	60.8	41.3	34.8	4.4	33.7	29.0	3.6	31.6	27.7	3.4	29.5	26.3	3.5		
			66.2	44.8	35.3	4.5	36.6	29.4	3.7	34.3	28.1	3.5	32.0	26.7	3.6		
			73.4	47.1	28.9	4.6	38.4	24.1	3.8	36.0	23.0	3.6	33.6	21.9	3.7		
		86.0	60.8	43.4	37.6	4.5	35.4	31.3	3.7	33.2	30.0	3.5	31.0	28.5	3.6		
			66.2	46.1	39.7	4.6	37.7	33.0	3.8	35.3	31.5	3.6	33.0	30.0	3.7		
			73.4	51.1	38.6	4.7	41.7	32.2	3.9	39.1	30.7	3.7	36.5	29.2	3.8		

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Outdoor Unit:GUHD60NK3CO/GUHD60NM3CO Indoor Unit:GTH60K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)															
				64.4			69.8			77			86			95			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	1354	64.4	48.2	26.5	13.4	2.4	28.3	15.2	2.6	32.9	18.7	2.8	34.3	20.6	3.1	35.4	22.4	3.7	
			53.6	27.5	8.8	2.5	29.4	9.9	2.7	34.1	12.2	2.9	35.6	13.4	3.3	36.7	14.6	3.9	
			59.0	33.2	9.0	2.8	35.4	10.2	3.0	41.1	12.6	3.2	42.9	13.8	3.6	44.2	15.0	4.2	
		69.8	53.6	33.0	20.3	2.9	35.2	23.1	3.1	40.9	28.4	3.3	42.7	31.3	3.8	44.0	33.9	4.4	
			59.0	33.8	16.6	3.0	36.1	18.9	3.2	41.9	23.2	3.4	43.7	25.6	3.9	45.1	27.7	4.5	
			66.2	39.3	13.2	3.2	41.9	14.9	3.4	48.7	18.4	3.7	50.8	20.2	4.1	52.4	21.9	4.9	
		75.2	60.8	35.3	20.9	2.9	37.7	23.7	3.2	43.8	29.1	3.4	45.7	32.1	3.9	47.1	34.8	4.5	
			66.2	40.1	20.3	3.2	42.8	23.0	3.5	49.8	28.3	3.7	51.9	31.2	4.2	53.5	33.8	4.9	
			73.4	39.3	9.5	3.3	41.9	10.8	3.6	48.8	13.3	3.8	50.9	14.7	4.4	52.4	15.9	5.1	
		80.6	60.8	36.8	26.1	3.1	39.3	29.6	3.4	45.7	36.4	3.6	47.7	40.1	4.1	49.1	43.5	4.8	
			66.2	40.9	25.9	3.2	43.7	29.3	3.5	50.8	36.1	3.7	53.0	39.7	4.2	54.6	43.1	5.0	
			73.4	43.4	17.6	3.3	46.3	19.9	3.6	53.8	24.5	3.8	56.1	27.0	4.3	57.9	29.3	5.1	
	84.2	66.2	41.8	27.7	3.3	44.5	31.4	3.5	51.8	38.7	3.8	54.0	42.6	4.3	55.7	46.2	5.0		
		60.8	38.8	29.1	3.2	41.4	33.0	3.4	48.1	40.6	3.7	50.2	44.7	4.1	51.7	48.5	4.9		
		66.2	42.2	29.6	3.3	45.0	33.5	3.5	52.3	41.3	3.8	54.5	45.4	4.3	56.2	49.3	5.0		
	86.0	73.4	44.3	24.2	3.3	47.2	27.5	3.6	54.9	33.8	3.8	57.3	37.2	4.4	59.0	40.4	5.1		
		60.8	40.8	31.5	3.2	43.5	35.7	3.5	50.6	44.0	3.7	52.8	48.4	4.2	54.4	52.5	5.0		
		66.2	43.4	33.2	3.3	46.3	37.6	3.6	53.8	46.3	3.8	56.1	51.0	4.3	57.9	55.3	5.1		
	89.6	73.4	44.7	30.1	3.3	47.7	34.1	3.6	55.4	42.0	3.8	57.8	46.2	4.4	59.6	50.1	5.1		
		48.2	26.0	12.2	2.4	27.7	13.9	2.6	32.2	17.1	2.7	33.6	18.8	3.1	34.7	20.4	3.6		
		53.6	27.0	8.0	2.5	28.8	9.0	2.7	33.5	11.1	2.9	34.9	12.3	3.2	36.0	13.3	3.8		
	Medium	1236	64.4	59.0	32.5	8.2	2.7	34.7	9.3	2.9	40.3	11.5	3.1	42.0	12.6	3.6	43.3	13.7	4.2
				53.6	32.4	18.5	2.9	34.5	21.0	3.1	40.1	25.9	3.3	41.8	28.5	3.7	43.1	30.9	4.4
				59.0	33.1	15.2	2.9	35.3	17.2	3.1	41.1	21.2	3.4	42.8	23.3	3.8	44.2	25.3	4.5
69.8			66.2	38.5	12.0	3.1	41.1	13.6	3.4	47.8	16.7	3.6	49.8	18.4	4.1	51.4	20.0	4.8	
			60.8	34.6	19.0	2.9	36.9	21.6	3.1	42.9	26.6	3.4	44.8	29.2	3.8	46.1	31.7	4.5	
			66.2	39.3	8.5	3.2	41.9	21.0	3.4	48.8	25.8	3.7	50.9	28.4	4.1	52.4	30.8	4.9	
75.2			73.4	38.5	8.7	3.3	41.1	9.9	3.6	47.8	12.1	3.8	49.8	13.4	4.3	51.4	14.5	5.1	
			60.8	36.1	23.8	3.1	38.5	26.9	3.3	44.8	33.2	3.6	46.7	36.5	4.1	48.2	39.6	4.8	
			66.2	40.1	23.6	3.2	42.8	26.7	3.5	49.8	32.9	3.7	51.9	36.2	4.2	53.5	39.3	4.9	
80.6			73.4	42.5	16.0	3.3	45.4	18.1	3.5	52.7	22.3	3.8	55.0	24.6	4.3	56.7	26.7	5.0	
			66.2	40.9	25.3	3.2	43.7	28.6	3.5	50.8	35.2	3.7	52.9	38.8	4.2	54.6	42.1	5.0	
			60.8	38.0	26.5	3.1	40.6	30.1	3.4	47.1	37.0	3.6	49.2	40.8	4.1	50.7	44.2	4.8	
86.0		66.2	41.3	27.0	3.2	44.1	30.6	3.5	51.2	37.6	3.7	53.5	41.4	4.2	55.1	44.9	5.0		
		73.4	43.4	22.1	3.3	46.3	25.0	3.6	53.8	30.8	3.8	56.1	33.9	4.3	57.9	36.8	5.1		
		60.8	40.0	28.7	3.2	42.6	32.5	3.4	49.6	40.1	3.7	51.7	44.1	4.2	53.3	47.9	4.9		
89.6		66.2	42.5	30.2	3.3	45.4	34.3	3.5	52.7	42.2	3.8	55.0	46.5	4.3	56.7	50.4	5.0		
		73.4	44.7	28.0	3.3	47.7	31.7	3.6	55.4	39.0	3.8	57.8	43.0	4.4	59.6	46.6	5.1		
		48.2	24.7	11.1	2.3	26.3	12.6	2.5	30.6	15.5	2.7	31.9	17.0	3.1	32.9	18.5	3.6		
Low		1118	64.4	53.6	25.6	7.2	2.5	27.3	8.2	2.6	31.7	10.1	2.8	33.1	11.1	3.2	34.1	12.1	3.8
				59.0	30.8	7.5	2.7	32.9	8.5	2.9	38.2	10.4	3.1	39.9	11.5	3.5	41.1	12.4	4.1
				53.6	30.7	16.8	2.8	32.8	19.1	3.0	38.1	23.5	3.3	39.7	25.9	3.7	40.9	28.1	4.4
			69.8	59.0	31.4	13.8	2.9	33.5	15.6	3.1	39.0	19.2	3.3	40.7	21.2	3.8	41.9	23.0	4.4
				66.2	36.6	10.9	3.1	39.0	12.4	3.3	45.3	15.2	3.6	47.3	16.7	4.1	48.7	18.2	4.8
				60.8	32.8	17.3	2.9	35.0	19.6	3.1	40.7	24.1	3.3	42.5	26.6	3.8	43.8	28.8	4.4
	75.2		66.2	37.3	16.8	3.1	39.8	19.0	3.4	46.3	23.4	3.6	48.3	25.8	4.1	49.8	28.0	4.8	
			73.4	36.6	7.9	3.3	39.0	9.0	3.5	45.3	11.0	3.8	47.3	12.1	4.3	48.8	13.2	5.0	
			60.8	34.3	21.6	3.1	36.6	24.5	3.3	42.5	30.1	3.6	44.3	33.2	4.0	45.7	36.0	4.7	
	80.6		66.2	38.1	21.4	3.2	40.6	24.3	3.4	47.2	29.9	3.7	49.2	32.9	4.1	50.8	35.7	4.9	
			73.4	40.4	14.5	3.2	43.1	16.5	3.5	50.0	20.3	3.7	52.2	22.3	4.2	53.8	24.2	5.0	
			66.2	38.8	22.9	3.2	41.4	26.0	3.5	48.2	32.0	3.7	50.2	35.2	4.2	51.8	38.2	4.9	
	86.0	60.8	36.1	24.1	3.1	38.5	27.3	3.3	44.7	33.6	3.6	46.7	37.0	4.1	48.1	40.2	4.8		
		66.2	39.2	24.5	3.2	41.8	27.8	3.5	48.6	34.2	3.7	50.7	37.6	4.2	52.3	40.8	4.9		
		73.4	41.2	20.1	3.3	43.9	22.7	3.5	51.1	28.0	3.8	53.3	30.8	4.3	54.9	33.4	5.0		
	89.6	60.8	37.9	26.1	3.2	40.5	29.6	3.4	47.0	36.4	3.7	49.1	40.1	4.1	50.6	43.5	4.9		
		66.2	40.4	27.5	3.2	43.1	31.1	3.5	50.0	38.3	3.7	52.2	42.2	4.2	53.8	45.8	5.0		
		73.4	44.7	26.8	3.3	47.7	30.3	3.6	55.4	37.3	3.8	57.8	41.1	4.4	59.6	44.6	5.1		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)												
				102.2			109.4			114.8			118.4			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	1354	64.4	48.2	34.7	22.1	4.0	28.3	18.4	3.3	26.5	17.6	3.1	24.8	16.7	3.2	
			53.6	36.0	14.4	4.2	29.4	12.0	3.5	27.5	11.5	3.3	25.7	10.9	3.4	
			59.0	43.3	14.9	4.6	35.4	12.4	3.8	33.2	11.8	3.6	31.0	11.3	3.7	
		69.8	53.6	43.1	33.6	4.8	35.2	27.9	4.0	33.0	26.7	3.8	30.8	25.4	3.9	
			59.0	44.2	27.5	4.9	36.1	22.9	4.1	33.8	21.8	3.9	31.5	20.8	3.9	
			66.2	51.4	21.7	5.3	41.9	18.1	4.4	39.3	17.3	4.1	36.7	16.4	4.2	
		75.2	60.8	46.1	34.5	4.9	37.7	28.7	4.1	35.3	27.4	3.9	33.0	26.1	3.9	
			66.2	52.4	33.5	5.4	42.8	27.9	4.4	40.1	26.6	4.2	37.5	25.3	4.3	
			73.4	51.4	15.7	5.6	41.9	13.1	4.6	39.3	12.5	4.4	36.7	11.9	4.5	
		80.6	60.8	48.2	43.0	5.3	39.3	35.8	4.3	36.8	34.2	4.1	34.4	32.6	4.2	
			66.2	53.5	42.7	5.4	43.7	35.5	4.5	40.9	34.0	4.2	38.2	32.3	4.3	
			73.4	56.7	29.0	5.5	46.3	24.1	4.6	43.4	23.0	4.3	40.5	21.9	4.4	
		84.2	66.2	54.6	45.7	5.5	44.5	38.1	4.5	41.8	36.4	4.3	39.0	34.6	4.4	
			60.8	50.7	48.0	5.3	41.4	40.0	4.4	38.8	38.2	4.1	36.2	36.4	4.2	
			66.2	55.1	48.8	5.5	45.0	40.6	4.5	42.2	38.8	4.3	39.4	36.9	4.4	
		86.0	73.4	57.9	40.0	5.6	47.2	33.3	4.6	44.3	31.8	4.4	41.3	30.2	4.5	
			60.8	53.3	52.0	5.4	43.5	43.3	4.5	40.8	41.4	4.2	38.1	39.3	4.3	
			66.2	56.7	54.8	5.5	46.3	45.6	4.6	43.4	43.6	4.3	40.5	41.4	4.4	
		89.6	73.4	58.4	49.6	5.6	47.7	41.3	4.6	44.7	39.5	4.4	41.7	37.6	4.5	
			64.4	48.2	34.0	20.2	4.0	27.7	16.8	3.3	26.0	16.0	3.1	24.3	15.3	3.2
				53.6	35.2	13.2	4.2	28.8	11.0	3.4	27.0	10.5	3.2	25.2	10.0	3.3
		59.0		42.5	13.6	4.6	34.7	11.3	3.8	32.5	10.8	3.6	30.3	10.3	3.6	
		69.8	53.6	42.3	30.6	4.8	34.5	25.5	4.0	32.4	24.3	3.7	30.2	23.2	3.8	
			59.0	43.3	25.0	4.9	35.3	20.8	4.0	33.1	19.9	3.8	30.9	18.9	3.9	
66.2	50.3		19.8	5.3	41.1	16.5	4.3	38.5	15.7	4.1	36.0	15.0	4.2			
75.2	60.8	45.2	31.4	4.9	36.9	26.1	4.0	34.6	25.0	3.8	32.3	23.8	3.9			
	66.2	51.4	30.5	5.3	41.9	25.4	4.4	39.3	24.3	4.1	36.7	23.1	4.2			
	73.4	50.4	14.3	5.5	41.1	11.9	4.6	38.5	11.4	4.3	36.0	10.9	4.4			
80.6	60.8	47.2	39.2	5.2	38.5	32.6	4.3	36.1	31.2	4.1	33.7	29.7	4.2			
	66.2	52.4	38.9	5.4	42.8	32.4	4.4	40.1	31.0	4.2	37.5	29.4	4.3			
	73.4	55.6	26.4	5.5	45.4	22.0	4.5	42.5	21.0	4.3	39.7	20.0	4.4			
84.2	66.2	53.5	41.7	5.4	43.7	34.7	4.5	40.9	33.2	4.2	38.2	31.5	4.3			
	60.8	49.7	43.8	5.3	40.6	36.5	4.3	38.0	34.8	4.1	35.5	33.1	4.2			
	66.2	54.0	44.5	5.4	44.1	37.0	4.5	41.3	35.4	4.2	38.6	33.7	4.3			
86.0	73.4	56.7	36.4	5.5	46.3	30.3	4.6	43.4	29.0	4.3	40.5	27.6	4.4			
	60.8	52.2	47.4	5.4	42.6	39.4	4.4	40.0	37.7	4.2	37.3	35.8	4.3			
	66.2	55.6	49.9	5.5	45.4	41.5	4.5	42.5	39.7	4.3	39.7	37.8	4.4			
89.6	73.4	58.4	46.2	5.6	47.7	38.4	4.6	44.7	36.7	4.4	41.7	34.9	4.5			
	64.4	48.2	32.2	18.3	3.9	26.3	15.2	3.2	24.7	14.6	3.1	23.0	13.9	3.1		
		53.6	33.5	12.0	4.1	27.3	9.9	3.4	25.6	9.5	3.2	23.9	9.0	3.3		
59.0		40.3	12.3	4.5	32.9	10.2	3.7	30.8	9.8	3.5	28.8	9.3	3.6			
69.8	53.6	40.1	27.8	4.7	32.8	23.1	3.9	30.7	22.1	3.7	28.7	21.0	3.8			
	59.0	41.1	22.7	4.8	33.5	18.9	4.0	31.4	18.1	3.8	29.3	17.2	3.9			
	66.2	47.8	18.0	5.2	39.0	15.0	4.3	36.6	14.3	4.1	34.1	13.6	4.2			
75.2	60.8	42.9	28.5	4.8	35.0	23.7	4.0	32.8	22.7	3.8	30.6	21.6	3.9			
	66.2	48.8	27.7	5.3	39.8	23.1	4.3	37.3	22.0	4.1	34.8	21.0	4.2			
	73.4	47.8	13.0	5.5	39.0	10.8	4.5	36.6	10.4	4.3	34.1	9.9	4.4			
80.6	60.8	44.8	35.6	5.2	36.6	29.6	4.3	34.3	28.3	4.0	32.0	27.0	4.1			
	66.2	49.8	35.3	5.3	40.6	29.4	4.4	38.1	28.1	4.1	35.5	26.7	4.2			
	73.4	52.7	24.0	5.4	43.1	20.0	4.5	40.4	19.1	4.2	37.7	18.1	4.3			
84.2	66.2	50.8	37.8	5.4	41.4	31.5	4.4	38.8	30.1	4.2	36.3	28.6	4.3			
	60.8	47.1	39.8	5.2	38.5	33.1	4.3	36.1	31.6	4.1	33.7	30.1	4.2			
	66.2	51.2	40.4	5.4	41.8	33.6	4.4	39.2	32.1	4.2	36.6	30.6	4.3			
86.0	73.4	53.8	33.1	5.5	43.9	27.5	4.5	41.2	26.3	4.3	38.4	25.0	4.4			
	60.8	49.6	43.0	5.3	40.5	35.8	4.4	37.9	34.2	4.1	35.4	32.6	4.2			
	66.2	52.7	45.3	5.4	43.1	37.7	4.5	40.4	36.1	4.2	37.7	34.3	4.3			
89.6	73.4	58.4	44.2	5.6	47.7	36.8	4.6	44.7	35.1	4.4	41.7	33.4	4.5			

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4.5.4 GUHD*N*C10 with GFH*K3CI

Outdoor Unit:GUHD09NK3C10 Indoor Unit:GFH09K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)															
			5			14			19.4			23			32			
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
377	64.4	48.2	3.7	1.5	0.3	3.7	1.6	0.3	3.8	1.6	0.3	3.8	1.7	0.3	3.9	1.7	0.4	
		53.6	3.8	1.0	0.3	3.9	1.0	0.4	3.9	1.1	0.4	4.0	1.1	0.4	4.0	1.1	0.4	
		59.0	4.6	1.0	0.4	4.6	1.1	0.4	4.7	1.1	0.4	4.8	1.1	0.4	4.9	1.1	0.4	
	69.8	53.6	4.6	2.3	0.4	4.6	2.4	0.4	4.7	2.4	0.4	4.8	2.5	0.4	4.8	2.6	0.4	
		59.0	4.7	1.9	0.4	4.7	1.9	0.4	4.8	2.0	0.4	4.9	2.1	0.4	5.0	2.1	0.4	
		66.2	5.4	1.5	0.4	5.5	1.5	0.4	5.6	1.6	0.5	5.7	1.6	0.5	5.8	1.7	0.5	
	75.2	60.8	4.9	2.4	0.4	5.0	2.4	0.4	5.0	2.5	0.4	5.1	2.6	0.4	5.2	2.7	0.4	
		66.2	5.5	2.3	0.4	5.6	2.4	0.5	5.7	2.4	0.5	5.8	2.5	0.5	5.9	2.6	0.5	
		73.4	5.4	1.1	0.5	5.5	1.1	0.5	5.6	1.1	0.5	5.7	1.2	0.5	5.8	1.2	0.5	
	80.6	60.8	5.1	3.0	0.4	5.2	3.0	0.4	5.2	3.1	0.4	5.3	3.2	0.5	5.4	3.3	0.5	
		66.2	5.7	2.9	0.4	5.7	3.0	0.5	5.8	3.1	0.5	5.9	3.2	0.5	6.0	3.3	0.5	
		73.4	6.0	2.0	0.5	6.1	2.0	0.5	6.2	2.1	0.5	6.3	2.2	0.5	6.4	2.2	0.5	
	84.2	66.2	5.8	3.1	0.5	5.9	3.2	0.5	5.9	3.3	0.5	6.0	3.4	0.5	6.1	3.5	0.5	
		60.8	5.4	3.3	0.4	5.4	3.4	0.4	5.5	3.5	0.5	5.6	3.6	0.5	5.7	3.7	0.5	
		66.2	5.8	3.4	0.5	5.9	3.5	0.5	6.0	3.6	0.5	6.1	3.7	0.5	6.2	3.8	0.5	
86.0	73.4	6.1	2.7	0.5	6.2	2.8	0.5	6.3	2.9	0.5	6.4	3.0	0.5	6.5	3.1	0.5		
	60.8	5.6	3.6	0.4	5.7	3.7	0.5	5.8	3.8	0.5	5.9	3.9	0.5	6.0	4.0	0.5		
	66.2	6.0	3.8	0.5	6.1	3.9	0.5	6.2	4.0	0.5	6.3	4.1	0.5	6.4	4.2	0.5		
89.6	73.4	6.6	3.7	0.5	6.7	3.8	0.5	6.8	3.9	0.5	6.9	4.0	0.5	7.0	4.1	0.5		
	424	64.4	48.2	3.9	1.7	0.3	3.9	1.7	0.3	4.0	1.8	0.3	4.0	1.8	0.4	4.1	1.9	0.4
			53.6	4.0	1.1	0.3	4.1	1.1	0.4	4.1	1.2	0.4	4.2	1.2	0.4	4.2	1.2	0.4
59.0			4.8	1.1	0.4	4.9	1.2	0.4	5.0	1.2	0.4	5.0	1.2	0.4	5.1	1.3	0.4	
69.8		53.6	4.8	2.5	0.4	4.9	2.6	0.4	5.0	2.7	0.4	5.0	2.8	0.4	5.1	2.8	0.4	
		59.0	4.9	2.1	0.4	5.0	2.1	0.4	5.1	2.2	0.4	5.1	2.3	0.4	5.2	2.3	0.4	
		66.2	5.7	1.6	0.4	5.8	1.7	0.5	5.9	1.7	0.5	6.0	1.8	0.5	6.1	1.8	0.5	
75.2		60.8	5.1	2.6	0.4	5.2	2.7	0.4	5.3	2.8	0.4	5.4	2.8	0.4	5.5	2.9	0.4	
		66.2	5.8	2.5	0.4	5.9	2.6	0.5	6.0	2.7	0.5	6.1	2.8	0.5	6.2	2.8	0.5	
		73.4	5.7	1.2	0.5	5.8	1.2	0.5	5.9	1.3	0.5	6.0	1.3	0.5	6.1	1.3	0.5	
80.6		60.8	5.4	3.3	0.4	5.4	3.4	0.4	5.5	3.4	0.5	5.6	3.5	0.5	5.7	3.6	0.5	
		66.2	6.0	3.2	0.5	6.0	3.3	0.5	6.1	3.4	0.5	6.2	3.5	0.5	6.3	3.6	0.5	
		73.4	6.3	2.2	0.5	6.4	2.3	0.5	6.5	2.3	0.5	6.6	2.4	0.5	6.7	2.5	0.5	
84.2		66.2	6.1	3.5	0.5	6.2	3.6	0.5	6.3	3.7	0.5	6.4	3.8	0.5	6.4	3.9	0.5	
		60.8	5.6	3.6	0.4	5.7	3.7	0.5	5.8	3.9	0.5	5.9	4.0	0.5	6.0	4.1	0.5	
		66.2	6.1	3.7	0.5	6.2	3.8	0.5	6.3	3.9	0.5	6.4	4.0	0.5	6.5	4.1	0.5	
86.0	73.4	6.4	3.0	0.5	6.5	3.1	0.5	6.6	3.2	0.5	6.7	3.3	0.5	6.8	3.4	0.5		
	60.8	5.9	3.9	0.5	6.0	4.1	0.5	6.1	4.2	0.5	6.2	4.3	0.5	6.3	4.4	0.5		
	66.2	6.3	4.1	0.5	6.4	4.3	0.5	6.5	4.4	0.5	6.6	4.5	0.5	6.7	4.6	0.5		
89.6	73.4	6.6	3.8	0.5	6.7	3.9	0.5	6.8	4.1	0.5	6.9	4.2	0.5	7.0	4.3	0.5		
	471	64.4	48.2	3.9	1.8	0.3	4.0	1.9	0.3	4.1	1.9	0.3	4.1	2.0	0.4	4.2	2.1	0.4
			53.6	4.1	1.2	0.4	4.1	1.2	0.4	4.2	1.3	0.4	4.3	1.3	0.4	4.3	1.3	0.4
59.0			4.9	1.2	0.4	5.0	1.3	0.4	5.1	1.3	0.4	5.1	1.3	0.4	5.2	1.4	0.4	
69.8		53.6	4.9	2.8	0.4	5.0	2.9	0.4	5.1	3.0	0.4	5.1	3.0	0.4	5.2	3.1	0.4	
		59.0	5.0	2.3	0.4	5.1	2.3	0.4	5.2	2.4	0.4	5.2	2.5	0.4	5.3	2.6	0.4	
		66.2	5.8	1.8	0.4	5.9	1.9	0.5	6.0	1.9	0.5	6.1	2.0	0.5	6.2	2.0	0.5	
75.2		60.8	5.2	2.9	0.4	5.3	2.9	0.4	5.4	3.0	0.4	5.5	3.1	0.4	5.6	3.2	0.4	
		66.2	6.0	2.8	0.5	6.0	2.9	0.5	6.1	2.9	0.5	6.2	3.0	0.5	6.3	3.1	0.5	
		73.4	5.8	1.3	0.5	5.9	1.3	0.5	6.0	1.4	0.5	6.1	1.4	0.5	6.2	1.5	0.5	
80.6		60.8	5.5	3.6	0.4	5.6	3.7	0.5	5.6	3.8	0.5	5.7	3.9	0.5	5.8	4.0	0.5	
		66.2	6.1	3.5	0.5	6.2	3.6	0.5	6.3	3.8	0.5	6.4	3.9	0.5	6.4	4.0	0.5	
		73.4	6.4	2.4	0.5	6.5	2.5	0.5	6.6	2.5	0.5	6.7	2.6	0.5	6.8	2.7	0.5	
84.2		66.2	6.2	3.8	0.5	6.3	3.9	0.5	6.4	4.0	0.5	6.5	4.1	0.5	6.6	4.3	0.5	
		60.8	5.8	4.0	0.4	5.8	4.1	0.5	5.9	4.2	0.5	6.0	4.3	0.5	6.1	4.5	0.5	
		66.2	6.3	4.1	0.5	6.4	4.2	0.5	6.5	4.3	0.5	6.5	4.4	0.5	6.6	4.5	0.5	
86.0	73.4	6.6	3.3	0.5	6.7	3.4	0.5	6.8	3.5	0.5	6.9	3.6	0.5	7.0	3.7	0.5		
	60.8	6.1	4.3	0.5	6.2	4.4	0.5	6.2	4.6	0.5	6.3	4.7	0.5	6.4	4.8	0.5		
	66.2	6.4	4.5	0.5	6.5	4.7	0.5	6.6	4.8	0.5	6.7	5.0	0.5	6.8	5.1	0.5		
89.6	73.4	6.6	4.1	0.5	6.7	4.2	0.5	6.8	4.4	0.5	6.9	4.5	0.5	7.0	4.6	0.5		

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			5			14			19.4			23			32		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
518	64.4	48.2	4.0	1.3	0.3	4.1	1.4	0.3	4.1	1.4	0.4	4.2	1.5	0.4	4.3	1.5	0.4
		53.6	4.2	0.9	0.4	4.2	0.9	0.4	4.3	0.9	0.4	4.4	1.0	0.4	4.4	1.0	0.4
		59.0	5.0	0.9	0.4	5.1	0.9	0.4	5.2	1.0	0.4	5.3	1.0	0.4	5.3	1.0	0.4
	69.8	53.6	5.0	2.0	0.4	5.1	2.1	0.4	5.2	2.2	0.4	5.2	2.2	0.4	5.3	2.3	0.4
		59.0	5.1	1.7	0.4	5.2	1.7	0.4	5.3	1.8	0.4	5.4	1.8	0.4	5.4	1.9	0.5
		66.2	6.0	1.3	0.5	6.0	1.4	0.5	6.1	1.4	0.5	6.2	1.4	0.5	6.3	1.5	0.5
	75.2	60.8	5.3	2.1	0.4	5.4	2.2	0.4	5.5	2.2	0.4	5.6	2.3	0.4	5.7	2.4	0.5
		66.2	6.1	2.0	0.5	6.2	2.1	0.5	6.3	2.2	0.5	6.4	2.2	0.5	6.4	2.3	0.5
		73.4	6.0	1.0	0.5	6.0	1.0	0.5	6.1	1.0	0.5	6.2	1.0	0.5	6.3	1.1	0.5
	80.6	60.8	5.6	2.6	0.4	5.7	2.7	0.5	5.8	2.8	0.5	5.8	2.9	0.5	5.9	2.9	0.5
		66.2	6.2	2.6	0.5	6.3	2.7	0.5	6.4	2.8	0.5	6.5	2.8	0.5	6.6	2.9	0.5
		73.4	6.6	1.8	0.5	6.7	1.8	0.5	6.8	1.9	0.5	6.9	1.9	0.5	7.0	2.0	0.5
	84.2	66.2	6.3	2.8	0.5	6.4	2.9	0.5	6.5	3.0	0.5	6.6	3.0	0.5	6.7	3.1	0.5
	86.0	60.8	5.9	2.9	0.5	6.0	3.0	0.5	6.1	3.1	0.5	6.1	3.2	0.5	6.2	3.3	0.5
		66.2	6.4	3.0	0.5	6.5	3.1	0.5	6.6	3.2	0.5	6.7	3.2	0.5	6.8	3.3	0.5
		73.4	6.7	2.4	0.5	6.8	2.5	0.5	6.9	2.6	0.5	7.0	2.7	0.5	7.1	2.7	0.5
	89.6	60.8	6.2	3.2	0.5	6.3	3.3	0.5	6.4	3.4	0.5	6.5	3.5	0.5	6.6	3.6	0.5
		66.2	6.6	3.3	0.5	6.7	3.4	0.5	6.8	3.5	0.5	6.9	3.6	0.5	7.0	3.7	0.5
73.4		6.6	3.0	0.5	6.7	3.1	0.5	6.8	3.1	0.5	6.9	3.2	0.5	7.0	3.3	0.5	
565	64.4	48.2	4.1	1.0	0.3	4.1	1.0	0.4	4.2	1.0	0.4	4.2	1.1	0.4	4.3	1.1	0.4
		53.6	4.2	0.6	0.4	4.3	0.7	0.4	4.3	0.7	0.4	4.4	0.7	0.4	4.5	0.7	0.4
		59.0	5.1	0.7	0.4	5.1	0.7	0.4	5.2	0.7	0.4	5.3	0.7	0.4	5.4	0.7	0.4
	69.8	53.6	5.1	1.5	0.4	5.1	1.5	0.4	5.2	1.6	0.4	5.3	1.6	0.4	5.4	1.7	0.4
		59.0	5.2	1.2	0.4	5.2	1.3	0.4	5.3	1.3	0.4	5.4	1.3	0.4	5.5	1.4	0.5
		66.2	6.0	1.0	0.5	6.1	1.0	0.5	6.2	1.0	0.5	6.3	1.0	0.5	6.4	1.1	0.5
	75.2	60.8	5.4	1.5	0.4	5.5	1.6	0.4	5.6	1.6	0.4	5.6	1.7	0.4	5.7	1.7	0.5
		66.2	6.1	1.5	0.5	6.2	1.5	0.5	6.3	1.6	0.5	6.4	1.6	0.5	6.5	1.7	0.5
		73.4	6.0	0.7	0.5	6.1	0.7	0.5	6.2	0.7	0.5	6.3	0.8	0.5	6.4	0.8	0.5
	80.6	60.8	5.6	1.9	0.5	5.7	2.0	0.5	5.8	2.0	0.5	5.9	2.1	0.5	6.0	2.1	0.5
		66.2	6.3	1.9	0.5	6.4	1.9	0.5	6.5	2.0	0.5	6.5	2.1	0.5	6.6	2.1	0.5
		73.4	6.6	1.3	0.5	6.7	1.3	0.5	6.8	1.4	0.5	6.9	1.4	0.5	7.0	1.4	0.5
	84.2	66.2	6.4	2.0	0.5	6.5	2.1	0.5	6.6	2.1	0.5	6.7	2.2	0.5	6.8	2.3	0.5
	86.0	60.8	5.9	2.1	0.5	6.0	2.2	0.5	6.1	2.3	0.5	6.2	2.3	0.5	6.3	2.4	0.5
		66.2	6.5	2.2	0.5	6.5	2.2	0.5	6.6	2.3	0.5	6.7	2.4	0.5	6.8	2.4	0.5
		73.4	6.8	1.8	0.5	6.9	1.8	0.5	7.0	1.9	0.5	7.1	1.9	0.5	7.2	2.0	0.5
	89.6	60.8	6.2	2.3	0.5	6.3	2.4	0.5	6.4	2.4	0.5	6.5	2.5	0.5	6.6	2.6	0.5
		66.2	6.6	2.4	0.5	6.7	2.5	0.5	6.8	2.6	0.5	6.9	2.6	0.5	7.0	2.7	0.5
73.4		6.6	2.1	0.5	6.7	2.2	0.5	6.8	2.3	0.5	6.9	2.3	0.5	7.0	2.4	0.5	

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AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			41			50			59			64.4			69.8			77		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
377	64.4	48.2	3.9	1.7	0.4	4.0	1.8	0.4	4.1	1.8	0.4	4.2	1.9	0.4	4.4	2.2	0.4	5.2	2.7	0.5
		53.6	4.1	1.1	0.4	4.1	1.2	0.4	4.2	1.2	0.4	4.3	1.3	0.4	4.6	1.4	0.4	5.4	1.7	0.5
		59.0	4.9	1.2	0.4	5.0	1.2	0.4	5.1	1.2	0.4	5.2	1.3	0.4	5.6	1.5	0.5	6.5	1.8	0.5
	69.8	53.6	4.9	2.7	0.4	5.0	2.7	0.4	5.0	2.8	0.4	5.2	2.9	0.5	5.5	3.3	0.5	6.4	4.1	0.5
		59.0	5.0	2.2	0.4	5.1	2.2	0.5	5.2	2.3	0.5	5.3	2.4	0.5	5.7	2.7	0.5	6.6	3.3	0.6
		66.2	5.8	1.7	0.5	5.9	1.8	0.5	6.0	1.8	0.5	6.2	1.9	0.5	6.6	2.1	0.6	7.6	2.6	0.6
	75.2	60.8	5.2	2.7	0.4	5.3	2.8	0.5	5.4	2.9	0.5	5.5	3.0	0.5	5.9	3.4	0.5	6.9	4.2	0.6
		66.2	6.0	2.6	0.5	6.0	2.7	0.5	6.1	2.8	0.5	6.3	2.9	0.5	6.7	3.3	0.6	7.8	4.1	0.6
		73.4	5.8	1.2	0.5	5.9	1.3	0.5	6.0	1.3	0.5	6.2	1.4	0.5	6.6	1.5	0.6	7.7	1.9	0.6
	80.6	60.8	5.5	3.4	0.5	5.6	3.5	0.5	5.6	3.6	0.5	5.8	3.7	0.5	6.2	4.2	0.6	7.2	5.2	0.6
		66.2	6.1	3.4	0.5	6.2	3.5	0.5	6.3	3.6	0.5	6.4	3.7	0.5	6.9	4.2	0.6	8.0	5.2	0.6
		73.4	6.4	2.3	0.5	6.5	2.4	0.5	6.6	2.4	0.5	6.8	2.5	0.5	7.3	2.8	0.6	8.4	3.5	0.6
	84.2	66.2	6.2	3.6	0.5	6.3	3.7	0.5	6.4	3.8	0.5	6.6	4.0	0.5	7.0	4.5	0.6	8.1	5.5	0.6
		60.8	5.8	3.8	0.5	5.8	3.9	0.5	5.9	4.0	0.5	6.1	4.2	0.5	6.5	4.7	0.6	7.6	5.8	0.6
		66.2	6.3	3.9	0.5	6.4	4.0	0.5	6.4	4.1	0.5	6.6	4.2	0.5	7.1	4.8	0.6	8.2	5.9	0.6
	86.0	73.4	6.6	3.2	0.5	6.7	3.2	0.5	6.8	3.3	0.5	6.9	3.5	0.5	7.4	3.9	0.6	8.6	4.8	0.6
		60.8	6.1	4.1	0.5	6.1	4.2	0.5	6.2	4.3	0.5	6.4	4.5	0.5	6.8	5.1	0.6	7.9	6.3	0.6
		66.2	6.4	4.3	0.5	6.5	4.4	0.5	6.6	4.6	0.5	6.8	4.8	0.5	7.3	5.4	0.6	8.4	6.6	0.6
89.6	73.4	7.1	4.2	0.5	7.2	4.3	0.5	7.3	4.5	0.5	7.5	4.6	0.6	8.0	5.3	0.6	9.4	6.5	0.6	
	64.4	48.2	4.2	1.9	0.4	4.2	2.0	0.4	4.3	2.0	0.4	4.4	2.1	0.4	4.7	2.4	0.4	5.4	3.0	0.5
	53.6	4.3	1.3	0.4	4.4	1.3	0.4	4.4	1.3	0.4	4.6	1.4	0.4	4.9	1.6	0.4	5.6	1.9	0.5	
424	64.4	59.0	5.2	1.3	0.4	5.3	1.3	0.4	5.3	1.4	0.4	5.5	1.4	0.5	5.9	1.6	0.5	6.8	2.0	0.5
		53.6	5.2	2.9	0.4	5.2	3.0	0.4	5.3	3.1	0.5	5.5	3.2	0.5	5.8	3.6	0.5	6.8	4.5	0.5
		59.0	5.3	2.4	0.4	5.4	2.5	0.5	5.4	2.5	0.5	5.6	2.6	0.5	6.0	3.0	0.5	6.9	3.7	0.6
	69.8	66.2	6.2	1.9	0.5	6.2	1.9	0.5	6.3	2.0	0.5	6.5	2.1	0.5	6.9	2.4	0.6	8.1	2.9	0.6
		60.8	5.5	3.0	0.4	5.6	3.1	0.5	5.7	3.2	0.5	5.8	3.3	0.5	6.2	3.7	0.5	7.2	4.6	0.6
		66.2	6.3	2.9	0.5	6.4	3.0	0.5	6.5	3.1	0.5	6.6	3.2	0.5	7.1	3.6	0.6	8.2	4.5	0.6
	75.2	73.4	6.2	1.4	0.5	6.2	1.4	0.5	6.3	1.4	0.5	6.5	1.5	0.5	6.9	1.7	0.6	8.1	2.1	0.6
		60.8	5.8	3.7	0.5	5.9	3.8	0.5	5.9	4.0	0.5	6.1	4.1	0.5	6.5	4.7	0.6	7.6	5.7	0.6
		66.2	6.4	3.7	0.5	6.5	3.8	0.5	6.6	3.9	0.5	6.8	4.1	0.5	7.2	4.6	0.6	8.4	5.7	0.6
	80.6	73.4	6.8	2.5	0.5	6.9	2.6	0.5	7.0	2.7	0.5	7.2	2.8	0.5	7.7	3.1	0.6	8.9	3.9	0.6
		66.2	6.5	4.0	0.5	6.6	4.1	0.5	6.7	4.2	0.5	6.9	4.4	0.5	7.4	5.0	0.6	8.6	6.1	0.6
		60.8	6.1	4.2	0.5	6.2	4.3	0.5	6.2	4.4	0.5	6.4	4.6	0.5	6.8	5.2	0.6	8.0	6.4	0.6
	86.0	66.2	6.6	4.3	0.5	6.7	4.4	0.5	6.8	4.5	0.5	7.0	4.7	0.5	7.4	5.3	0.6	8.6	6.5	0.6
		73.4	6.9	3.5	0.5	7.0	3.6	0.5	7.1	3.7	0.5	7.3	3.8	0.6	7.8	4.3	0.6	9.1	5.3	0.6
		60.8	6.4	4.5	0.5	6.5	4.7	0.5	6.6	4.8	0.5	6.7	5.0	0.5	7.2	5.6	0.6	8.4	6.9	0.6
	89.6	66.2	6.8	4.8	0.5	6.9	4.9	0.5	7.0	5.0	0.5	7.2	5.2	0.5	7.7	5.9	0.6	8.9	7.3	0.6
		73.4	7.1	4.4	0.5	7.2	4.5	0.5	7.3	4.7	0.5	7.5	4.8	0.6	8.0	5.5	0.6	9.4	6.8	0.6
		64.4	48.2	4.2	2.1	0.4	4.3	2.2	0.4	4.4	2.2	0.4	4.5	2.3	0.4	4.8	2.6	0.4	5.6	3.2
471	64.4	53.6	4.4	1.4	0.4	4.5	1.4	0.4	4.5	1.5	0.4	4.6	1.5	0.4	5.0	1.7	0.4	5.8	2.1	0.5
		59.0	5.3	1.4	0.4	5.4	1.5	0.4	5.4	1.5	0.4	5.6	1.6	0.5	6.0	1.8	0.5	6.9	2.2	0.5
		53.6	5.3	3.2	0.4	5.3	3.3	0.5	5.4	3.4	0.5	5.6	3.5	0.5	5.9	4.0	0.5	6.9	4.9	0.6
	69.8	59.0	5.4	2.6	0.5	5.5	2.7	0.5	5.6	2.8	0.5	5.7	2.9	0.5	6.1	3.3	0.5	7.1	4.0	0.6
		66.2	6.3	2.1	0.5	6.4	2.1	0.5	6.5	2.2	0.5	6.6	2.3	0.5	7.1	2.6	0.6	8.2	3.2	0.6
		60.8	5.6	3.3	0.5	5.7	3.4	0.5	5.8	3.5	0.5	6.0	3.6	0.5	6.4	4.1	0.5	7.4	5.0	0.6
	75.2	66.2	6.4	3.2	0.5	6.5	3.3	0.5	6.6	3.4	0.5	6.8	3.5	0.5	7.2	4.0	0.6	8.4	4.9	0.6
		73.4	6.3	1.5	0.5	6.4	1.5	0.5	6.5	1.6	0.5	6.6	1.7	0.6	7.1	1.9	0.6	8.2	2.3	0.6
		60.8	5.9	4.1	0.5	6.0	4.2	0.5	6.1	4.3	0.5	6.2	4.5	0.5	6.6	5.1	0.6	7.7	6.3	0.6
	80.6	66.2	6.5	4.1	0.5	6.6	4.2	0.5	6.7	4.3	0.5	6.9	4.5	0.5	7.4	5.1	0.6	8.6	6.2	0.6
		73.4	6.9	2.8	0.5	7.0	2.8	0.5	7.1	2.9	0.5	7.3	3.0	0.6	7.8	3.4	0.6	9.1	4.2	0.6
		66.2	6.7	4.4	0.5	6.8	4.5	0.5	6.9	4.6	0.5	7.0	4.8	0.5	7.5	5.4	0.6	8.7	6.7	0.6
	84.2	60.8	6.2	4.6	0.5	6.3	4.7	0.5	6.4	4.8	0.5	6.5	5.0	0.5	7.0	5.7	0.6	8.1	7.0	0.6
		66.2	6.7	4.7	0.5	6.8	4.8	0.5	6.9	4.9	0.5	7.1	5.1	0.5	7.6	5.8	0.6	8.8	7.1	0.6
		73.4	7.1	3.8	0.5	7.2	3.9	0.5	7.3	4.0	0.5	7.5	4.2	0.6	8.0	4.8	0.6	9.3	5.8	0.6
	86.0	60.8	6.5	5.0	0.5	6.6	5.1	0.5	6.7	5.2	0.5	6.9	5.5	0.5	7.3	6.2	0.6	8.5	7.6	0.6
		66.2	6.9	5.2	0.5	7.0	5.4	0.5	7.1	5.5	0.5	7.3	5.7	0.6	7.8	6.5	0.6	9.1	8.0	0.6
		73.4	7.1	4.7	0.5	7.2	4.9	0.5	7.3	5.0	0.5	7.5	5.2	0.6	8.0	5.9	0.6	9.4	7.3	0.6

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			41			50			59			64.4			69.8			77		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
518	64.4	48.2	4.3	1.6	0.4	4.4	1.6	0.4	4.4	1.6	0.4	4.6	1.7	0.4	4.9	1.9	0.4	5.7	2.4	0.5
		53.6	4.5	1.0	0.4	4.5	1.0	0.4	4.6	1.1	0.4	4.7	1.1	0.4	5.1	1.3	0.5	5.9	1.6	0.5
		59.0	5.4	1.0	0.4	5.5	1.1	0.4	5.6	1.1	0.4	5.7	1.1	0.5	6.1	1.3	0.5	7.1	1.6	0.5
	69.8	53.6	5.4	2.4	0.4	5.5	2.4	0.5	5.5	2.5	0.5	5.7	2.6	0.5	6.1	2.9	0.5	7.0	3.6	0.6
		59.0	5.5	1.9	0.5	5.6	2.0	0.5	5.7	2.0	0.5	5.8	2.1	0.5	6.2	2.4	0.5	7.2	3.0	0.6
		66.2	6.4	1.5	0.5	6.5	1.6	0.5	6.6	1.6	0.5	6.8	1.7	0.5	7.2	1.9	0.6	8.4	2.3	0.6
	75.2	60.8	5.8	2.4	0.5	5.8	2.5	0.5	5.9	2.6	0.5	6.1	2.7	0.5	6.5	3.0	0.5	7.5	3.7	0.6
		66.2	6.5	2.3	0.5	6.6	2.4	0.5	6.7	2.5	0.5	6.9	2.6	0.5	7.4	2.9	0.6	8.6	3.6	0.6
		73.4	6.4	1.1	0.5	6.5	1.1	0.5	6.6	1.2	0.5	6.8	1.2	0.6	7.2	1.4	0.6	8.4	1.7	0.6
	80.6	60.8	6.0	3.0	0.5	6.1	3.1	0.5	6.2	3.2	0.5	6.3	3.3	0.5	6.8	3.8	0.6	7.9	4.6	0.6
		66.2	6.7	3.0	0.5	6.8	3.1	0.5	6.9	3.2	0.5	7.0	3.3	0.5	7.5	3.7	0.6	8.7	4.6	0.6
		73.4	7.1	2.0	0.5	7.2	2.1	0.5	7.3	2.1	0.5	7.5	2.2	0.6	8.0	2.5	0.6	9.3	3.1	0.6
	84.2	66.2	6.8	3.2	0.5	6.9	3.3	0.5	7.0	3.4	0.5	7.2	3.5	0.6	7.7	4.0	0.6	8.9	4.9	0.6
		60.8	6.3	3.4	0.5	6.4	3.5	0.5	6.5	3.6	0.5	6.7	3.7	0.5	7.1	4.2	0.6	8.3	5.2	0.6
		66.2	6.9	3.4	0.5	7.0	3.5	0.5	7.1	3.6	0.5	7.3	3.8	0.6	7.7	4.3	0.6	9.0	5.2	0.6
	86.0	73.4	7.2	2.8	0.5	7.3	2.9	0.5	7.4	3.0	0.5	7.6	3.1	0.6	8.1	3.5	0.6	9.5	4.3	0.6
		60.8	6.6	3.6	0.5	6.7	3.7	0.5	6.8	3.8	0.5	7.0	4.0	0.5	7.5	4.5	0.6	8.7	5.6	0.6
		66.2	7.1	3.8	0.5	7.2	3.9	0.5	7.3	4.1	0.5	7.5	4.2	0.6	8.0	4.8	0.6	9.3	5.9	0.6
89.6	73.4	7.1	3.4	0.5	7.2	3.5	0.5	7.3	3.6	0.5	7.5	3.7	0.6	8.0	4.2	0.6	9.4	5.2	0.6	
	48.2	4.4	1.1	0.4	4.4	1.2	0.4	4.5	1.2	0.4	4.6	1.2	0.4	4.9	1.4	0.4	5.7	1.7	0.5	
	53.6	4.5	0.7	0.4	4.6	0.8	0.4	4.7	0.8	0.4	4.8	0.8	0.4	5.1	0.9	0.5	5.9	1.1	0.5	
565	64.4	59.0	5.5	0.8	0.4	5.5	0.8	0.4	5.6	0.8	0.4	5.8	0.8	0.5	6.1	0.9	0.5	7.1	1.2	0.5
		53.6	5.4	1.7	0.5	5.5	1.8	0.5	5.6	1.8	0.5	5.7	1.9	0.5	6.1	2.1	0.5	7.1	2.6	0.6
		59.0	5.6	1.4	0.5	5.6	1.4	0.5	5.7	1.5	0.5	5.9	1.5	0.5	6.3	1.7	0.5	7.3	2.1	0.6
	69.8	66.2	6.5	1.1	0.5	6.6	1.1	0.5	6.6	1.2	0.5	6.8	1.2	0.5	7.3	1.4	0.6	8.5	1.7	0.6
		60.8	5.8	1.8	0.5	5.9	1.8	0.5	6.0	1.9	0.5	6.1	1.9	0.5	6.5	2.2	0.5	7.6	2.7	0.6
		66.2	6.6	1.7	0.5	6.7	1.8	0.5	6.8	1.8	0.5	7.0	1.9	0.5	7.4	2.1	0.6	8.6	2.6	0.6
	75.2	73.4	6.5	0.8	0.5	6.6	0.8	0.5	6.7	0.8	0.5	6.8	0.9	0.6	7.3	1.0	0.6	8.5	1.2	0.7
		60.8	6.1	2.2	0.5	6.1	2.3	0.5	6.2	2.3	0.5	6.4	2.4	0.5	6.8	2.7	0.6	7.9	3.4	0.6
		66.2	6.7	2.2	0.5	6.8	2.2	0.5	6.9	2.3	0.5	7.1	2.4	0.6	7.6	2.7	0.6	8.8	3.3	0.6
	80.6	73.4	7.1	1.5	0.5	7.2	1.5	0.5	7.3	1.6	0.5	7.5	1.6	0.6	8.0	1.8	0.6	9.4	2.3	0.6
		66.2	6.9	2.3	0.5	7.0	2.4	0.5	7.1	2.5	0.5	7.3	2.6	0.6	7.7	2.9	0.6	9.0	3.6	0.6
		60.8	6.4	2.5	0.5	6.5	2.5	0.5	6.6	2.6	0.5	6.7	2.7	0.5	7.2	3.0	0.6	8.4	3.8	0.6
	86.0	66.2	6.9	2.5	0.5	7.0	2.6	0.5	7.1	2.6	0.5	7.3	2.7	0.6	7.8	3.1	0.6	9.1	3.8	0.6
		73.4	7.3	2.0	0.5	7.4	2.1	0.5	7.5	2.2	0.5	7.7	2.2	0.6	8.2	2.5	0.6	9.5	3.1	0.7
		60.8	6.7	2.7	0.5	6.8	2.7	0.5	6.9	2.8	0.5	7.1	2.9	0.6	7.6	3.3	0.6	8.8	4.1	0.6
	89.6	66.2	7.1	2.8	0.5	7.2	2.9	0.5	7.3	2.9	0.5	7.5	3.1	0.6	8.0	3.5	0.6	9.4	4.3	0.6
		73.4	7.1	2.5	0.5	7.2	2.5	0.5	7.3	2.6	0.5	7.5	2.7	0.6	8.0	3.1	0.6	9.4	3.8	0.6

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			86			95			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
377	64.4	48.2	5.4	2.9	0.5	5.6	3.2	0.6	5.4	3.2	0.7	4.4	2.6	0.5	4.2	2.5	0.5	3.9	2.4	0.5
		53.6	5.6	1.9	0.5	5.8	2.1	0.6	5.6	2.1	0.7	4.6	1.7	0.6	4.3	1.6	0.5	4.0	1.6	0.5
		59.0	6.7	2.0	0.6	6.9	2.2	0.7	6.8	2.1	0.8	5.6	1.8	0.6	5.2	1.7	0.6	4.9	1.6	0.6
	69.8	53.6	6.7	4.5	0.6	6.9	4.9	0.7	6.8	4.8	0.8	5.5	4.0	0.7	5.2	3.8	0.6	4.8	3.6	0.6
		59.0	6.9	3.7	0.6	7.1	4.0	0.7	6.9	3.9	0.8	5.7	3.3	0.7	5.3	3.1	0.6	5.0	3.0	0.6
		66.2	8.0	2.9	0.7	8.2	3.1	0.8	8.1	3.1	0.9	6.6	2.6	0.7	6.2	2.5	0.7	5.8	2.4	0.7
	75.2	60.8	7.2	4.6	0.6	7.4	5.0	0.7	7.2	4.9	0.8	5.9	4.1	0.7	5.5	3.9	0.6	5.2	3.7	0.6
		66.2	8.1	4.5	0.7	8.4	4.8	0.8	8.2	4.8	0.9	6.7	4.0	0.7	6.3	3.8	0.7	5.9	3.6	0.7
		73.4	8.0	2.1	0.7	8.2	2.3	0.8	8.1	2.3	0.9	6.6	1.9	0.8	6.2	1.8	0.7	5.8	1.7	0.7
	80.6	60.8	7.5	5.7	0.7	7.7	6.2	0.8	7.6	6.2	0.9	6.2	5.1	0.7	5.8	4.9	0.7	5.4	4.7	0.7
		66.2	8.3	5.7	0.7	8.6	6.2	0.8	8.4	6.1	0.9	6.9	5.1	0.7	6.4	4.9	0.7	6.0	4.6	0.7
		73.4	8.8	3.9	0.7	9.1	4.2	0.8	8.9	4.1	0.9	7.3	3.5	0.7	6.8	3.3	0.7	6.4	3.1	0.7
	84.2	66.2	8.5	6.1	0.7	8.7	6.6	0.8	8.6	6.5	0.9	7.0	5.5	0.7	6.6	5.2	0.7	6.1	5.0	0.7
		60.8	7.9	6.4	0.7	8.1	7.0	0.8	8.0	6.9	0.9	6.5	5.7	0.7	6.1	5.4	0.7	5.7	5.1	0.7
		66.2	8.6	6.5	0.7	8.8	7.1	0.8	8.6	7.0	0.9	7.1	5.8	0.7	6.6	5.6	0.7	6.2	5.3	0.7
	86.0	73.4	9.0	5.3	0.7	9.3	5.8	0.8	9.1	5.7	0.9	7.4	4.8	0.8	6.9	4.6	0.7	6.5	4.3	0.7
		60.8	8.3	6.9	0.7	8.5	7.5	0.8	8.4	7.4	0.9	6.8	6.1	0.7	6.4	5.7	0.7	6.0	5.3	0.7
		66.2	8.8	7.3	0.7	9.1	7.9	0.8	8.9	7.8	0.9	7.3	6.5	0.7	6.8	6.1	0.7	6.4	5.7	0.7
89.6	73.4	9.8	7.1	0.7	10.1	7.7	0.9	9.9	7.6	0.9	8.0	6.4	0.8	7.5	6.1	0.7	7.0	5.8	0.7	
	60.8	8.3	6.9	0.7	8.5	7.5	0.8	8.4	7.4	0.9	6.8	6.1	0.7	6.4	5.7	0.7	6.0	5.3	0.7	
	66.2	8.8	7.3	0.7	9.1	7.9	0.8	8.9	7.8	0.9	7.3	6.5	0.7	6.8	6.1	0.7	6.4	5.7	0.7	
424	64.4	48.2	5.7	3.2	0.5	5.9	3.5	0.6	5.7	3.5	0.7	4.7	2.9	0.5	4.4	2.8	0.5	4.1	2.6	0.5
		53.6	5.9	2.1	0.5	6.1	2.3	0.6	5.9	2.3	0.7	4.9	1.9	0.6	4.6	1.8	0.5	4.2	1.7	0.6
		59.0	7.1	2.2	0.6	7.3	2.4	0.7	7.2	2.3	0.8	5.9	2.0	0.6	5.5	1.9	0.6	5.1	1.8	0.6
	69.8	53.6	7.1	4.9	0.6	7.3	5.3	0.7	7.1	5.3	0.8	5.8	4.4	0.7	5.5	4.2	0.6	5.1	4.0	0.6
		59.0	7.2	4.0	0.6	7.5	4.4	0.7	7.3	4.3	0.8	6.0	3.6	0.7	5.6	3.4	0.6	5.2	3.3	0.7
		66.2	8.4	3.2	0.7	8.7	3.5	0.8	8.5	3.4	0.9	6.9	2.9	0.7	6.5	2.7	0.7	6.1	2.6	0.7
	75.2	60.8	7.6	5.1	0.6	7.8	5.5	0.7	7.6	5.4	0.8	6.2	4.5	0.7	5.8	4.3	0.6	5.5	4.1	0.7
		66.2	8.6	4.9	0.7	8.8	5.3	0.8	8.7	5.3	0.9	7.1	4.4	0.7	6.6	4.2	0.7	6.2	4.0	0.7
		73.4	8.4	2.3	0.7	8.7	2.5	0.8	8.5	2.5	0.9	6.9	2.1	0.8	6.5	2.0	0.7	6.1	1.9	0.7
	80.6	60.8	7.9	6.3	0.7	8.1	6.9	0.8	8.0	6.8	0.9	6.5	5.6	0.7	6.1	5.4	0.7	5.7	5.1	0.7
		66.2	8.8	6.3	0.7	9.0	6.8	0.8	8.8	6.7	0.9	7.2	5.6	0.7	6.8	5.4	0.7	6.3	5.1	0.7
		73.4	9.3	4.3	0.7	9.6	4.6	0.8	9.4	4.6	0.9	7.7	3.8	0.8	7.2	3.6	0.7	6.7	3.5	0.7
	84.2	66.2	8.9	6.7	0.7	9.2	7.3	0.8	9.0	7.2	0.9	7.4	6.0	0.7	6.9	5.7	0.7	6.4	5.5	0.7
		60.8	8.3	7.1	0.7	8.6	7.7	0.8	8.4	7.6	0.9	6.8	6.3	0.7	6.4	6.0	0.7	6.0	5.6	0.7
		66.2	9.0	7.2	0.7	9.3	7.8	0.8	9.1	7.7	0.9	7.4	6.4	0.7	7.0	6.1	0.7	6.5	5.8	0.7
	86.0	73.4	9.5	5.9	0.7	9.8	6.4	0.8	9.6	6.3	0.9	7.8	5.2	0.8	7.3	5.0	0.7	6.8	4.8	0.7
		60.8	8.7	7.6	0.7	9.0	8.3	0.8	8.8	8.2	0.9	7.2	6.7	0.7	6.7	6.3	0.7	6.3	5.9	0.7
		66.2	9.3	8.0	0.7	9.6	8.7	0.8	9.4	8.6	0.9	7.7	7.1	0.8	7.2	6.7	0.7	6.7	6.2	0.7
89.6	73.4	9.8	7.4	0.7	10.1	8.1	0.9	9.9	8.0	0.9	8.0	6.6	0.8	7.5	6.4	0.7	7.0	6.0	0.7	
	60.8	8.3	6.9	0.7	8.5	7.5	0.8	8.4	7.4	0.9	6.8	6.1	0.7	6.4	5.7	0.7	6.0	5.3	0.7	
	66.2	8.8	7.3	0.7	9.1	7.9	0.8	8.9	7.8	0.9	7.3	6.5	0.7	6.8	6.1	0.7	6.4	5.7	0.7	
471	64.4	48.2	5.8	3.6	0.5	6.0	3.9	0.6	5.9	3.8	0.7	4.8	3.2	0.6	4.5	3.0	0.5	4.2	2.9	0.5
		53.6	6.0	2.3	0.5	6.2	2.5	0.6	6.1	2.5	0.7	5.0	2.1	0.6	4.6	2.0	0.5	4.3	1.9	0.6
		59.0	7.2	2.4	0.6	7.5	2.6	0.7	7.3	2.6	0.8	6.0	2.1	0.6	5.6	2.0	0.6	5.2	1.9	0.6
	69.8	53.6	7.2	5.4	0.6	7.4	5.9	0.7	7.3	5.8	0.8	5.9	4.8	0.7	5.6	4.6	0.6	5.2	4.4	0.6
		59.0	7.4	4.4	0.6	7.6	4.8	0.8	7.5	4.8	0.8	6.1	4.0	0.7	5.7	3.8	0.6	5.3	3.6	0.7
		66.2	8.6	3.5	0.7	8.8	3.8	0.8	8.7	3.8	0.9	7.1	3.1	0.7	6.6	3.0	0.7	6.2	2.8	0.7
	75.2	60.8	7.7	5.6	0.6	7.9	6.0	0.8	7.8	6.0	0.8	6.4	5.0	0.7	6.0	4.7	0.6	5.6	4.5	0.7
		66.2	8.8	5.4	0.7	9.0	5.9	0.8	8.8	5.8	0.9	7.2	4.8	0.7	6.8	4.6	0.7	6.3	4.4	0.7
		73.4	8.6	2.5	0.7	8.8	2.8	0.9	8.7	2.7	0.9	7.1	2.3	0.8	6.6	2.2	0.7	6.2	2.1	0.7
	80.6	60.8	8.0	6.9	0.7	8.3	7.5	0.8	8.1	7.4	0.9	6.6	6.2	0.7	6.2	5.9	0.7	5.8	5.6	0.7
		66.2	8.9	6.9	0.7	9.2	7.5	0.8	9.0	7.4	0.9	7.4	6.1	0.7	6.9	5.9	0.7	6.4	5.6	0.7
		73.4	9.5	4.7	0.7	9.8	5.1	0.8	9.6	5.0	0.9	7.8	4.2	0.8	7.3	4.0	0.7	6.8	3.8	0.7
	84.2	66.2	9.1	7.4	0.7	9.4	8.0	0.8	9.2	7.9	0.9	7.5	6.6	0.8	7.0	6.3	0.7	6.6	6.0	0.7
		60.8	8.5	7.7	0.7	8.7	8.4	0.8	8.6	8.3	0.9	7.0	6.9	0.7	6.5	6.5	0.7	6.1	6.1	0.7
		66.2	9.2	7.9	0.7	9.5	8.5	0.8	9.3	8.4	0.9	7.6	7.0	0.8	7.1	6.7	0.7	6.6	6.4	0.7
	86.0	73.4	9.7	6.4	0.7	10.0	7.0	0.9	9.8	6.9	0.9	8.0	5.8	0.8	7.5	5.5	0.7	7.0	5.2	0.7
		60.8	8.9	8.4	0.7	9.2	9.1	0.8	9.0	9.0	0.9	7.3	7.3	0.7	6.9	6.9	0.7	6.4	6.4	0.7
		66.2	9.5	8.8	0.7	9.8	9.6	0.8	9.6	9.5	0.9	7.8	7.8	0.8	7.3	7.3	0.7	6.8	6.8	0.7
89.6	73.4	9.8	8.0	0.7	10.1	8.7	0.9	9.9	8.6	0.9	8.0	7.1	0.8	7.5	6.8	0.7	7.0	6.5	0.7	

AFR	Indoor temperature		Outdoor temperature DB (°F)																		
			86			95			102.2			109.4			114.8			118.4			
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
518	64.4	48.2	5.9	2.6	0.5	6.1	4.1	0.6	6.0	2.8	0.7	4.9	2.3	0.6	4.6	2.2	0.5	4.3	2.1	0.5	
		53.6	6.1	1.7	0.6	6.3	2.7	0.6	6.2	1.8	0.7	5.1	1.5	0.6	4.7	1.5	0.6	4.4	1.4	0.6	
		59.0	7.4	1.8	0.6	7.6	2.7	0.7	7.5	1.9	0.8	6.1	1.6	0.6	5.7	1.5	0.6	5.3	1.4	0.6	
	69.8	53.6	7.4	4.0	0.6	7.6	6.2	0.7	7.4	4.3	0.8	6.1	3.6	0.7	5.7	3.4	0.6	5.3	3.2	0.7	
		59.0	7.5	3.2	0.6	7.8	5.0	0.8	7.6	3.5	0.8	6.2	2.9	0.7	5.8	2.8	0.6	5.4	2.6	0.7	
		66.2	8.8	2.6	0.7	9.0	4.0	0.8	8.8	2.8	0.9	7.2	2.3	0.7	6.8	2.2	0.7	6.3	2.1	0.7	
	75.2	60.8	7.9	4.1	0.6	8.1	6.3	0.8	7.9	4.4	0.8	6.5	3.6	0.7	6.1	3.5	0.6	5.7	3.3	0.7	
		66.2	8.9	4.0	0.7	9.2	6.1	0.8	9.0	4.3	0.9	7.4	3.5	0.7	6.9	3.4	0.7	6.4	3.2	0.7	
		73.4	8.8	1.9	0.7	9.0	2.9	0.9	8.8	2.0	0.9	7.2	1.7	0.8	6.8	1.6	0.7	6.3	1.5	0.8	
	80.6	60.8	8.2	5.1	0.7	8.5	7.9	0.8	8.3	5.5	0.9	6.8	4.6	0.7	6.3	4.4	0.7	5.9	4.1	0.7	
		66.2	9.1	5.0	0.7	9.4	7.8	0.8	9.2	5.4	0.9	7.5	4.5	0.8	7.0	4.3	0.7	6.6	4.1	0.7	
		73.4	9.7	3.4	0.7	10.0	5.3	0.9	9.8	3.7	0.9	8.0	3.1	0.8	7.5	2.9	0.7	7.0	2.8	0.7	
	84.2	66.2	9.3	5.4	0.7	9.6	8.4	0.8	9.4	5.8	0.9	7.7	4.8	0.8	7.2	4.6	0.7	6.7	4.4	0.7	
		60.8	8.6	5.7	0.7	8.9	8.8	0.8	8.7	6.1	0.9	7.1	5.1	0.7	6.7	4.8	0.7	6.2	4.5	0.7	
		66.2	9.4	5.8	0.7	9.7	9.0	0.8	9.5	6.2	0.9	7.7	5.2	0.8	7.3	4.9	0.7	6.8	4.7	0.7	
	86.0	73.4	9.9	4.7	0.7	10.2	7.3	0.9	10.0	5.1	0.9	8.1	4.2	0.8	7.6	4.0	0.7	7.1	3.8	0.8	
		60.8	9.1	6.1	0.7	9.4	9.5	0.8	9.2	6.6	0.9	7.5	5.4	0.8	7.0	5.1	0.7	6.6	4.7	0.7	
		66.2	9.7	6.5	0.7	10.0	10.1	0.9	9.8	7.0	0.9	8.0	5.7	0.8	7.5	5.4	0.7	7.0	5.0	0.7	
	89.6	73.4	9.8	5.8	0.7	10.1	8.9	0.9	9.9	6.2	0.9	8.0	5.1	0.8	7.5	4.9	0.7	7.0	4.7	0.7	
		48.2	6.0	1.9	0.5	6.1	4.1	0.6	6.0	2.0	0.7	4.9	1.7	0.6	4.6	1.6	0.5	4.3	1.5	0.5	
		53.6	6.2	1.2	0.6	6.4	2.7	0.7	6.3	1.3	0.7	5.1	1.1	0.6	4.8	1.1	0.6	4.5	1.0	0.6	
	565	64.4	59.0	7.5	1.3	0.6	7.7	2.8	0.7	7.5	1.4	0.8	6.1	1.1	0.6	5.8	1.1	0.6	5.4	1.0	0.6
			53.6	7.4	2.9	0.6	7.7	6.2	0.8	7.5	3.1	0.8	6.1	2.6	0.7	5.7	2.5	0.6	5.4	2.3	0.7
			59.0	7.6	2.4	0.7	7.8	5.1	0.8	7.7	2.5	0.8	6.3	2.1	0.7	5.9	2.0	0.7	5.5	1.9	0.7
69.8		66.2	8.8	1.9	0.7	9.1	4.0	0.8	8.9	2.0	0.9	7.3	1.7	0.7	6.8	1.6	0.7	6.4	1.5	0.7	
		60.8	7.9	3.0	0.7	8.2	6.4	0.8	8.0	3.2	0.8	6.5	2.7	0.7	6.1	2.5	0.7	5.7	2.4	0.7	
		66.2	9.0	2.9	0.7	9.3	6.2	0.8	9.1	3.1	0.9	7.4	2.6	0.8	7.0	2.5	0.7	6.5	2.3	0.7	
75.2		73.4	8.8	1.4	0.7	9.1	2.9	0.9	8.9	1.5	1.0	7.3	1.2	0.8	6.8	1.2	0.7	6.4	1.1	0.8	
		60.8	8.3	3.7	0.7	8.5	8.0	0.8	8.4	4.0	0.9	6.8	3.3	0.7	6.4	3.2	0.7	6.0	3.0	0.7	
		66.2	9.2	3.7	0.7	9.5	7.9	0.8	9.3	3.9	0.9	7.6	3.3	0.8	7.1	3.1	0.7	6.6	3.0	0.7	
80.6		73.4	9.8	2.5	0.7	10.1	5.4	0.9	9.9	2.7	0.9	8.0	2.2	0.8	7.5	2.1	0.7	7.0	2.0	0.8	
		66.2	9.4	3.9	0.7	9.7	8.5	0.9	9.5	4.2	0.9	7.7	3.5	0.8	7.3	3.4	0.7	6.8	3.2	0.7	
		60.8	8.7	4.1	0.7	9.0	8.9	0.8	8.8	4.4	0.9	7.2	3.7	0.7	6.7	3.5	0.7	6.3	3.3	0.7	
86.0		66.2	9.5	4.2	0.7	9.8	9.1	0.9	9.6	4.5	0.9	7.8	3.8	0.8	7.3	3.6	0.7	6.8	3.4	0.7	
		73.4	10.0	3.4	0.7	10.3	7.4	0.9	10.1	3.7	1.0	8.2	3.1	0.8	7.7	2.9	0.7	7.2	2.8	0.8	
		60.8	9.2	4.5	0.7	9.5	9.6	0.8	9.3	4.8	0.9	7.6	3.9	0.8	7.1	3.7	0.7	6.6	3.4	0.7	
89.6		66.2	9.8	4.7	0.7	10.1	10.2	0.9	9.9	5.1	0.9	8.0	4.2	0.8	7.5	3.9	0.7	7.0	3.6	0.8	
		73.4	9.8	4.1	0.7	10.1	8.9	0.9	9.9	4.5	0.9	8.0	3.7	0.8	7.5	3.5	0.7	7.0	3.4	0.7	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD12NK3C1O Indoor Unit:GFH12K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			5			14			19.4			23			32		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
396	64.4	48.2	48.2	4.7	2.0	0.4	4.8	2.0	0.4	4.9	2.1	0.4	5.0	2.1	0.5	5.0	2.2
		53.6	53.6	4.9	1.3	0.4	5.0	1.3	0.5	5.1	1.4	0.5	5.2	1.4	0.5	5.2	1.4
		59.0	59.0	5.9	1.3	0.5	6.0	1.4	0.5	6.1	1.4	0.5	6.2	1.4	0.5	6.3	1.5
	69.8	53.6	53.6	5.9	3.0	0.5	6.0	3.1	0.5	6.1	3.2	0.5	6.2	3.3	0.5	6.3	3.3
		59.0	59.0	6.1	2.4	0.5	6.1	2.5	0.5	6.2	2.6	0.5	6.3	2.7	0.6	6.4	2.7
		66.2	66.2	7.0	1.9	0.6	7.1	2.0	0.6	7.3	2.0	0.6	7.4	2.1	0.6	7.5	2.2
	75.2	60.8	60.8	6.3	3.1	0.5	6.4	3.2	0.5	6.5	3.3	0.5	6.6	3.3	0.6	6.7	3.4
		66.2	66.2	7.2	3.0	0.6	7.3	3.1	0.6	7.4	3.2	0.6	7.5	3.2	0.6	7.6	3.3
		73.4	73.4	7.0	1.4	0.6	7.1	1.4	0.6	7.3	1.5	0.6	7.4	1.5	0.6	7.5	1.6
	80.6	60.8	60.8	6.6	3.8	0.6	6.7	3.9	0.6	6.8	4.1	0.6	6.9	4.2	0.6	7.0	4.3
		66.2	66.2	7.3	3.8	0.6	7.4	3.9	0.6	7.6	4.0	0.6	7.7	4.1	0.6	7.8	4.3
		73.4	73.4	7.8	2.6	0.6	7.9	2.7	0.6	8.0	2.7	0.6	8.1	2.8	0.6	8.2	2.9
	84.2	66.2	66.2	7.5	4.1	0.6	7.6	4.2	0.6	7.7	4.3	0.6	7.8	4.4	0.6	7.9	4.6
		60.8	60.8	6.9	4.3	0.6	7.1	4.4	0.6	7.2	4.5	0.6	7.3	4.7	0.6	7.4	4.8
		66.2	66.2	7.5	4.3	0.6	7.7	4.5	0.6	7.8	4.6	0.6	7.9	4.7	0.6	8.0	4.9
	86.0	73.4	73.4	7.9	3.6	0.6	8.0	3.7	0.6	8.2	3.8	0.6	8.3	3.9	0.6	8.4	4.0
		60.8	60.8	7.3	4.6	0.6	7.4	4.8	0.6	7.5	4.9	0.6	7.6	5.0	0.6	7.7	5.2
		66.2	66.2	7.8	4.9	0.6	7.9	5.0	0.6	8.0	5.2	0.6	8.1	5.3	0.6	8.2	5.5
89.6	73.4	73.4	8.6	4.8	0.6	8.7	4.9	0.6	8.9	5.0	0.6	9.0	5.2	0.6	9.1	5.3	
	64.4	48.2	5.0	2.2	0.4	5.1	2.2	0.4	5.2	2.3	0.4	5.2	2.4	0.5	5.3	2.4	
	53.6	53.6	5.2	1.4	0.5	5.3	1.5	0.5	5.4	1.5	0.5	5.4	1.5	0.5	5.5	1.6	
445	64.4	59.0	59.0	6.3	1.5	0.5	6.4	1.5	0.5	6.4	1.5	0.5	6.5	1.6	0.5	6.6	1.6
		53.6	53.6	6.2	3.3	0.5	6.3	3.4	0.5	6.4	3.5	0.5	6.5	3.6	0.6	6.6	3.7
		59.0	59.0	6.4	2.7	0.5	6.5	2.8	0.5	6.6	2.9	0.6	6.7	2.9	0.6	6.8	3.0
	69.8	66.2	66.2	7.4	2.1	0.6	7.5	2.2	0.6	7.6	2.3	0.6	7.8	2.3	0.6	7.9	2.4
		60.8	60.8	6.7	3.4	0.5	6.8	3.5	0.5	6.9	3.6	0.6	7.0	3.7	0.6	7.1	3.8
		66.2	66.2	7.6	3.3	0.6	7.7	3.4	0.6	7.8	3.5	0.6	7.9	3.6	0.6	8.0	3.7
	75.2	73.4	73.4	7.4	1.5	0.6	7.5	1.6	0.6	7.6	1.6	0.6	7.8	1.7	0.6	7.9	1.7
		60.8	60.8	7.0	4.2	0.6	7.1	4.3	0.6	7.2	4.5	0.6	7.3	4.6	0.6	7.4	4.7
		66.2	66.2	7.7	4.2	0.6	7.8	4.3	0.6	8.0	4.4	0.6	8.1	4.6	0.6	8.2	4.7
	80.6	73.4	73.4	8.2	2.8	0.6	8.3	2.9	0.6	8.4	3.0	0.6	8.6	3.1	0.6	8.7	3.2
		60.8	60.8	7.3	4.7	0.6	7.4	4.9	0.6	7.5	5.0	0.6	7.7	5.1	0.6	7.8	5.3
		66.2	66.2	8.0	4.8	0.6	8.1	4.9	0.6	8.2	5.1	0.6	8.3	5.2	0.6	8.4	5.4
	84.2	73.4	73.4	8.4	3.9	0.6	8.5	4.0	0.6	8.6	4.2	0.6	8.7	4.3	0.6	8.9	4.4
		60.8	60.8	7.7	5.1	0.6	7.8	5.3	0.6	7.9	5.4	0.6	8.0	5.6	0.6	8.2	5.7
		66.2	66.2	8.2	5.4	0.6	8.3	5.5	0.6	8.4	5.7	0.6	8.6	5.9	0.6	8.7	6.0
	89.6	73.4	73.4	8.6	5.0	0.6	8.7	5.1	0.6	8.9	5.3	0.6	9.0	5.4	0.6	9.1	5.6
		64.4	48.2	5.1	2.4	0.4	5.2	2.5	0.4	5.3	2.5	0.5	5.3	2.6	0.5	5.4	2.7
		53.6	53.6	5.3	1.6	0.5	5.4	1.6	0.5	5.5	1.6	0.5	5.5	1.7	0.5	5.6	1.7
494	64.4	59.0	59.0	6.4	1.6	0.5	6.5	1.6	0.5	6.6	1.7	0.5	6.7	1.7	0.5	6.8	1.8
		53.6	53.6	6.4	3.6	0.5	6.5	3.7	0.5	6.5	3.8	0.5	6.6	3.9	0.6	6.7	4.0
		59.0	59.0	6.5	3.0	0.5	6.6	3.0	0.5	6.7	3.1	0.6	6.8	3.2	0.6	6.9	3.3
	69.8	66.2	66.2	7.6	2.3	0.6	7.7	2.4	0.6	7.8	2.5	0.6	7.9	2.5	0.6	8.0	2.6
		60.8	60.8	6.8	3.7	0.5	6.9	3.8	0.5	7.0	3.9	0.6	7.1	4.0	0.6	7.2	4.2
		66.2	66.2	7.7	3.6	0.6	7.8	3.7	0.6	8.0	3.8	0.6	8.1	3.9	0.6	8.2	4.0
	75.2	73.4	73.4	7.6	1.7	0.6	7.7	1.7	0.6	7.8	1.8	0.6	7.9	1.8	0.6	8.0	1.9
		60.8	60.8	7.1	4.6	0.6	7.2	4.8	0.6	7.3	4.9	0.6	7.4	5.0	0.6	7.5	5.2
		66.2	66.2	7.9	4.6	0.6	8.0	4.7	0.6	8.1	4.9	0.6	8.2	5.0	0.6	8.4	5.1
	80.6	73.4	73.4	8.4	3.1	0.6	8.5	3.2	0.6	8.6	3.3	0.6	8.7	3.4	0.6	8.9	3.5
		66.2	66.2	8.0	4.9	0.6	8.2	5.1	0.6	8.3	5.2	0.6	8.4	5.4	0.6	8.5	5.5
		60.8	60.8	7.5	5.2	0.6	7.6	5.3	0.6	7.7	5.5	0.6	7.8	5.6	0.6	7.9	5.8
	84.2	66.2	66.2	8.1	5.3	0.6	8.2	5.4	0.6	8.4	5.6	0.6	8.5	5.7	0.6	8.6	5.9
		73.4	73.4	8.5	4.3	0.6	8.7	4.4	0.6	8.8	4.6	0.6	8.9	4.7	0.6	9.0	4.8
		60.8	60.8	7.9	5.6	0.6	8.0	5.8	0.6	8.1	5.9	0.6	8.2	6.1	0.6	8.3	6.3
	89.6	66.2	66.2	8.4	5.9	0.6	8.5	6.1	0.6	8.6	6.2	0.6	8.7	6.4	0.6	8.9	6.6
		73.4	73.4	8.6	5.3	0.6	8.7	5.5	0.6	8.9	5.7	0.6	9.0	5.8	0.6	9.1	6.0

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			5			14			19.4			23			32		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
544	64.4	48.2	48.2	5.2	1.7	0.4	5.3	1.8	0.5	5.4	1.9	0.5	5.4	1.9	0.5	5.5	2.0
		53.6	53.6	5.4	1.1	0.5	5.5	1.2	0.5	5.6	1.2	0.5	5.7	1.2	0.5	5.7	1.3
		59.0	59.0	6.5	1.2	0.5	6.6	1.2	0.5	6.7	1.2	0.5	6.8	1.3	0.5	6.9	1.3
	69.8	53.6	53.6	6.5	2.7	0.5	6.6	2.7	0.5	6.7	2.8	0.6	6.8	2.9	0.6	6.9	3.0
		59.0	59.0	6.6	2.2	0.5	6.7	2.2	0.6	6.8	2.3	0.6	6.9	2.4	0.6	7.0	2.4
		66.2	66.2	7.7	1.7	0.6	7.8	1.8	0.6	8.0	1.8	0.6	8.1	1.9	0.6	8.2	1.9
	75.2	60.8	60.8	6.9	2.7	0.5	7.0	2.8	0.6	7.1	2.9	0.6	7.2	3.0	0.6	7.4	3.1
		66.2	66.2	7.9	2.6	0.6	8.0	2.7	0.6	8.1	2.8	0.6	8.2	2.9	0.6	8.4	3.0
		73.4	73.4	7.7	1.2	0.6	7.8	1.3	0.6	8.0	1.3	0.6	8.1	1.4	0.6	8.2	1.4
	80.6	60.8	60.8	7.2	3.4	0.6	7.3	3.5	0.6	7.5	3.6	0.6	7.6	3.7	0.6	7.7	3.8
		66.2	66.2	8.0	3.4	0.6	8.2	3.5	0.6	8.3	3.6	0.6	8.4	3.7	0.6	8.5	3.8
		73.4	73.4	8.5	2.3	0.6	8.7	2.4	0.6	8.8	2.4	0.6	8.9	2.5	0.6	9.0	2.6
	84.2	66.2	66.2	8.2	3.6	0.6	8.3	3.7	0.6	8.4	3.8	0.6	8.6	3.9	0.6	8.7	4.0
		60.8	60.8	7.6	3.8	0.6	7.7	3.9	0.6	7.8	4.0	0.6	8.0	4.1	0.6	8.1	4.3
		66.2	66.2	8.3	3.9	0.6	8.4	4.0	0.6	8.5	4.1	0.6	8.7	4.2	0.6	8.8	4.3
	86.0	73.4	73.4	8.7	3.2	0.6	8.8	3.3	0.6	9.0	3.3	0.6	9.1	3.4	0.6	9.2	3.5
		60.8	60.8	8.0	4.1	0.6	8.1	4.2	0.6	8.3	4.4	0.6	8.4	4.5	0.6	8.5	4.6
		66.2	66.2	8.5	4.3	0.6	8.7	4.5	0.6	8.8	4.6	0.6	8.9	4.7	0.6	9.0	4.8
89.6	73.4	73.4	8.6	3.8	0.6	8.7	4.0	0.6	8.9	4.1	0.6	9.0	4.2	0.6	9.1	4.3	
	60.8	60.8	8.0	4.1	0.6	8.1	4.2	0.6	8.3	4.4	0.6	8.4	4.5	0.6	8.5	4.6	
	66.2	66.2	8.5	4.3	0.6	8.7	4.5	0.6	8.8	4.6	0.6	8.9	4.7	0.6	9.0	4.8	
593	64.4	48.2	48.2	5.3	1.3	0.4	5.3	1.3	0.5	5.4	1.3	0.5	5.5	1.4	0.5	5.6	1.4
		53.6	53.6	5.5	0.8	0.5	5.5	0.9	0.5	5.6	0.9	0.5	5.7	0.9	0.5	5.8	0.9
		59.0	59.0	6.6	0.9	0.5	6.7	0.9	0.5	6.8	0.9	0.5	6.9	0.9	0.5	7.0	1.0
	69.8	53.6	53.6	6.5	1.9	0.5	6.6	2.0	0.5	6.7	2.0	0.6	6.8	2.1	0.6	6.9	2.2
		59.0	59.0	6.7	1.6	0.6	6.8	1.6	0.6	6.9	1.7	0.6	7.0	1.7	0.6	7.1	1.8
		66.2	66.2	7.8	1.2	0.6	7.9	1.3	0.6	8.0	1.3	0.6	8.1	1.4	0.6	8.3	1.4
	75.2	60.8	60.8	7.0	2.0	0.6	7.1	2.0	0.6	7.2	2.1	0.6	7.3	2.2	0.6	7.4	2.2
		66.2	66.2	8.0	1.9	0.6	8.1	2.0	0.6	8.2	2.0	0.6	8.3	2.1	0.6	8.4	2.2
		73.4	73.4	7.8	0.9	0.6	7.9	0.9	0.6	8.0	1.0	0.6	8.2	1.0	0.7	8.3	1.0
	80.6	60.8	60.8	7.3	2.5	0.6	7.4	2.5	0.6	7.5	2.6	0.6	7.6	2.7	0.6	7.7	2.8
		66.2	66.2	8.1	2.5	0.6	8.2	2.5	0.6	8.4	2.6	0.6	8.5	2.7	0.6	8.6	2.7
		73.4	73.4	8.6	1.7	0.6	8.7	1.7	0.6	8.9	1.8	0.6	9.0	1.8	0.6	9.1	1.9
	84.2	66.2	66.2	8.3	2.6	0.6	8.4	2.7	0.6	8.5	2.8	0.6	8.7	2.9	0.6	8.8	2.9
		60.8	60.8	7.7	2.8	0.6	7.8	2.8	0.6	7.9	2.9	0.6	8.0	3.0	0.6	8.2	3.1
		66.2	66.2	8.4	2.8	0.6	8.5	2.9	0.6	8.6	3.0	0.6	8.7	3.1	0.6	8.9	3.1
	86.0	73.4	73.4	8.8	2.3	0.6	8.9	2.4	0.6	9.0	2.4	0.6	9.2	2.5	0.7	9.3	2.6
		60.8	60.8	8.1	3.0	0.6	8.2	3.1	0.6	8.3	3.2	0.6	8.5	3.3	0.6	8.6	3.3
		66.2	66.2	8.6	3.1	0.6	8.7	3.2	0.6	8.9	3.3	0.6	9.0	3.4	0.6	9.1	3.5
89.6	73.4	73.4	8.6	2.8	0.6	8.7	2.9	0.6	8.9	2.9	0.6	9.0	3.0	0.6	9.1	3.1	

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AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			41			50			59			64.4			69.8			77		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
396	64.4	48.2	0.5	5.1	2.3	0.5	5.2	2.3	0.5	5.3	2.4	0.5	5.4	2.5	0.5	5.8	2.8	0.5	6.7	3.5
		53.6	0.5	5.3	1.5	0.5	5.4	1.5	0.5	5.5	1.6	0.5	5.6	1.6	0.5	6.0	1.8	0.6	6.9	2.3
		59.0	0.5	6.4	1.5	0.5	6.5	1.6	0.5	6.6	1.6	0.6	6.7	1.7	0.6	7.2	1.9	0.6	8.4	2.3
	69.8	53.6	0.6	6.4	3.4	0.6	6.4	3.5	0.6	6.5	3.6	0.6	6.7	3.8	0.6	7.2	4.3	0.7	8.3	5.3
		59.0	0.6	6.5	2.8	0.6	6.6	2.9	0.6	6.7	3.0	0.6	6.9	3.1	0.6	7.3	3.5	0.7	8.5	4.3
		66.2	0.6	7.6	2.2	0.6	7.7	2.3	0.6	7.8	2.3	0.6	8.0	2.4	0.7	8.5	2.8	0.7	9.9	3.4
	75.2	60.8	0.6	6.8	3.5	0.6	6.9	3.6	0.6	7.0	3.7	0.6	7.2	3.9	0.6	7.7	4.4	0.7	8.9	5.4
		66.2	0.6	7.7	3.4	0.6	7.8	3.5	0.6	7.9	3.6	0.6	8.2	3.8	0.7	8.7	4.3	0.7	10.1	5.3
		73.4	0.6	7.6	1.6	0.7	7.7	1.7	0.7	7.8	1.7	0.7	8.0	1.8	0.7	8.5	2.0	0.8	9.9	2.5
	80.6	60.8	0.6	7.1	4.4	0.6	7.2	4.5	0.6	7.3	4.7	0.6	7.5	4.8	0.7	8.0	5.5	0.7	9.3	6.8
		66.2	0.6	7.9	4.4	0.6	8.0	4.5	0.6	8.1	4.6	0.7	8.3	4.8	0.7	8.9	5.4	0.7	10.3	6.7
		73.4	0.6	8.4	3.0	0.6	8.5	3.1	0.7	8.6	3.1	0.7	8.8	3.3	0.7	9.4	3.7	0.8	10.9	4.5
	84.2	66.2	0.6	8.0	4.7	0.6	8.2	4.8	0.7	8.3	4.9	0.7	8.5	5.1	0.7	9.1	5.8	0.7	10.5	7.2
		60.8	0.6	7.5	4.9	0.6	7.6	5.1	0.6	7.7	5.2	0.6	7.9	5.4	0.7	8.4	6.1	0.7	9.8	7.5
		66.2	0.6	8.1	5.0	0.6	8.2	5.1	0.7	8.4	5.3	0.7	8.6	5.5	0.7	9.2	6.2	0.7	10.6	7.7
86.0	73.4	0.6	8.5	4.1	0.7	8.6	4.2	0.7	8.8	4.3	0.7	9.0	4.5	0.7	9.6	5.1	0.8	11.2	6.3	
	60.8	0.6	7.9	5.3	0.6	8.0	5.5	0.6	8.1	5.6	0.7	8.3	5.8	0.7	8.9	6.6	0.7	10.3	8.2	
	66.2	0.6	8.4	5.6	0.6	8.5	5.8	0.7	8.6	5.9	0.7	8.8	6.2	0.7	9.4	7.0	0.8	10.9	8.6	
89.6	73.4	0.7	9.3	5.5	0.7	9.4	5.6	0.7	9.5	5.8	0.7	9.8	6.0	0.7	10.4	6.8	0.8	12.1	8.4	
	60.8	0.6	7.9	5.3	0.6	8.0	5.5	0.6	8.1	5.6	0.7	8.3	5.8	0.7	8.9	6.6	0.7	10.3	8.2	
	66.2	0.6	8.4	5.6	0.6	8.5	5.8	0.7	8.6	5.9	0.7	8.8	6.2	0.7	9.4	7.0	0.8	10.9	8.6	
445	64.4	48.2	0.5	5.4	2.5	0.5	5.5	2.6	0.5	5.5	2.6	0.5	5.7	2.7	0.5	6.1	3.1	0.6	7.1	3.8
		53.6	0.5	5.6	1.6	0.5	5.7	1.7	0.5	5.7	1.7	0.5	5.9	1.8	0.5	6.3	2.0	0.6	7.3	2.5
		59.0	0.5	6.7	1.7	0.5	6.8	1.7	0.6	6.9	1.8	0.6	7.1	1.8	0.6	7.6	2.1	0.6	8.8	2.6
	69.8	53.6	0.6	6.7	3.8	0.6	6.8	3.9	0.6	6.9	4.0	0.6	7.1	4.2	0.6	7.5	4.7	0.7	8.8	5.8
		59.0	0.6	6.9	3.1	0.6	7.0	3.2	0.6	7.1	3.3	0.6	7.2	3.4	0.6	7.7	3.9	0.7	9.0	4.7
		66.2	0.6	8.0	2.5	0.6	8.1	2.5	0.6	8.2	2.6	0.6	8.4	2.7	0.7	9.0	3.1	0.7	10.4	3.8
	75.2	60.8	0.6	7.2	3.9	0.6	7.3	4.0	0.6	7.4	4.1	0.6	7.6	4.3	0.6	8.1	4.8	0.7	9.4	6.0
		66.2	0.6	8.1	3.8	0.6	8.3	3.9	0.6	8.4	4.0	0.7	8.6	4.1	0.7	9.2	4.7	0.7	10.7	5.8
		73.4	0.6	8.0	1.8	0.7	8.1	1.8	0.7	8.2	1.9	0.7	8.4	2.0	0.7	9.0	2.2	0.8	10.5	2.7
	80.6	60.8	0.6	7.5	4.9	0.6	7.6	5.0	0.6	7.7	5.1	0.6	7.9	5.3	0.7	8.4	6.0	0.7	9.8	7.4
		66.2	0.6	8.3	4.8	0.6	8.4	5.0	0.7	8.5	5.1	0.7	8.8	5.3	0.7	9.4	6.0	0.7	10.9	7.4
		73.4	0.6	8.8	3.3	0.7	8.9	3.4	0.7	9.1	3.4	0.7	9.3	3.6	0.7	9.9	4.1	0.8	11.5	5.0
	84.2	66.2	0.6	8.5	5.2	0.6	8.6	5.3	0.7	8.7	5.4	0.7	9.0	5.7	0.7	9.5	6.4	0.8	11.1	7.9
		60.8	0.6	7.9	5.4	0.6	8.0	5.6	0.6	8.1	5.7	0.6	8.3	6.0	0.7	8.9	6.7	0.7	10.3	8.3
		66.2	0.6	8.6	5.5	0.6	8.7	5.7	0.7	8.8	5.8	0.7	9.0	6.0	0.7	9.6	6.9	0.8	11.2	8.4
86.0	73.4	0.6	9.0	4.5	0.7	9.1	4.6	0.7	9.2	4.8	0.7	9.5	5.0	0.7	10.1	5.6	0.8	11.8	6.9	
	60.8	0.6	8.3	5.9	0.6	8.4	6.0	0.7	8.5	6.2	0.7	8.7	6.4	0.7	9.3	7.3	0.7	10.8	9.0	
	66.2	0.6	8.8	6.2	0.7	8.9	6.4	0.7	9.1	6.5	0.7	9.3	6.8	0.7	9.9	7.7	0.8	11.5	9.5	
89.6	73.4	0.7	9.3	5.7	0.7	9.4	5.9	0.7	9.5	6.0	0.7	9.8	6.3	0.7	10.4	7.1	0.8	12.1	8.8	
	60.8	0.6	8.3	5.9	0.6	8.4	6.0	0.7	8.5	6.2	0.7	8.7	6.4	0.7	9.3	7.3	0.7	10.8	9.0	
	66.2	0.6	8.8	6.2	0.7	8.9	6.4	0.7	9.1	6.5	0.7	9.3	6.8	0.7	9.9	7.7	0.8	11.5	9.5	
494	64.4	48.2	0.5	5.5	2.7	0.5	5.6	2.8	0.5	5.6	2.9	0.5	5.8	3.0	0.5	6.2	3.4	0.6	7.2	4.2
		53.6	0.5	5.7	1.8	0.5	5.8	1.8	0.5	5.9	1.9	0.5	6.0	2.0	0.5	6.4	2.2	0.6	7.5	2.7
		59.0	0.5	6.9	1.8	0.5	7.0	1.9	0.6	7.1	1.9	0.6	7.3	2.0	0.6	7.7	2.3	0.6	9.0	2.8
	69.8	53.6	0.6	6.8	4.2	0.6	6.9	4.3	0.6	7.0	4.4	0.6	7.2	4.6	0.6	7.7	5.2	0.7	9.0	6.4
		59.0	0.6	7.0	3.4	0.6	7.1	3.5	0.6	7.2	3.6	0.6	7.4	3.7	0.6	7.9	4.2	0.7	9.2	5.2
		66.2	0.6	8.1	2.7	0.6	8.3	2.8	0.6	8.4	2.8	0.7	8.6	3.0	0.7	9.2	3.3	0.7	10.7	4.1
	75.2	60.8	0.6	7.3	4.3	0.6	7.4	4.4	0.6	7.5	4.5	0.6	7.7	4.7	0.6	8.2	5.3	0.7	9.6	6.5
		66.2	0.6	8.3	4.1	0.6	8.4	4.3	0.7	8.5	4.4	0.7	8.8	4.6	0.7	9.4	5.2	0.7	10.9	6.3
		73.4	0.7	8.1	2.0	0.7	8.3	2.0	0.7	8.4	2.1	0.7	8.6	2.1	0.7	9.2	2.4	0.8	10.7	3.0
	80.6	60.8	0.6	7.6	5.3	0.6	7.7	5.5	0.6	7.8	5.6	0.6	8.1	5.9	0.7	8.6	6.6	0.7	10.0	8.2
		66.2	0.6	8.5	5.3	0.6	8.6	5.4	0.7	8.7	5.6	0.7	9.0	5.8	0.7	9.6	6.6	0.8	11.1	8.1
		73.4	0.6	9.0	3.6	0.7	9.1	3.7	0.7	9.2	3.8	0.7	9.5	3.9	0.7	10.1	4.5	0.8	11.8	5.5
	84.2	66.2	0.6	8.6	5.7	0.7	8.8	5.8	0.7	8.9	6.0	0.7	9.1	6.2	0.7	9.7	7.0	0.8	11.3	8.7
		60.8	0.6	8.0	6.0	0.6	8.1	6.1	0.6	8.3	6.3	0.7	8.5	6.5	0.7	9.1	7.4	0.7	10.5	9.1
		66.2	0.6	8.7	6.0	0.7	8.9	6.2	0.7	9.0	6.4	0.7	9.2	6.6	0.7	9.8	7.5	0.8	11.4	9.3
86.0	73.4	0.7	9.2	5.0	0.7	9.3	5.1	0.7	9.4	5.2	0.7	9.7	5.4	0.7	10.3	6.2	0.8	12.0	7.6	
	60.8	0.6	8.4	6.4	0.6	8.6	6.6	0.7	8.7	6.8	0.7	8.9	7.1	0.7	9.5	8.0	0.8	11.1	9.9	
	66.2	0.6	9.0	6.8	0.7	9.1	7.0	0.7	9.2	7.2	0.7	9.5	7.4	0.7	10.1	8.4	0.8	11.8	10.4	
89.6	73.4	0.7	9.3	6.1	0.7	9.4	6.3	0.7	9.5	6.5	0.7	9.8	6.7	0.7	10.4	7.6	0.8	12.1	9.4	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			86			95			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
396	64.4	48.2	0.6	7.0	3.8	0.7	7.2	4.1	0.8	7.1	4.1	0.9	5.8	3.4	0.7	5.4	3.3	0.7	5.0	3.1
		53.6	0.6	7.2	2.5	0.7	7.5	2.7	0.8	7.3	2.7	0.9	6.0	2.2	0.7	5.6	2.1	0.7	5.2	2.0
		59.0	0.7	8.7	2.6	0.8	9.0	2.8	0.9	8.8	2.8	1.0	7.2	2.3	0.8	6.7	2.2	0.8	6.3	2.1
	69.8	53.6	0.7	8.7	5.8	0.8	9.0	6.3	0.9	8.8	6.2	1.0	7.2	5.2	0.8	6.7	5.0	0.8	6.3	4.7
		59.0	0.7	8.9	4.7	0.8	9.2	5.1	1.0	9.0	5.1	1.0	7.3	4.2	0.9	6.9	4.1	0.8	6.4	3.9
		66.2	0.8	10.3	3.8	0.9	10.7	4.1	1.0	10.4	4.0	1.1	8.5	3.4	0.9	8.0	3.2	0.9	7.5	3.1
	75.2	60.8	0.7	9.3	6.0	0.8	9.6	6.5	1.0	9.4	6.4	1.0	7.7	5.3	0.9	7.2	5.1	0.8	6.7	4.8
		66.2	0.8	10.6	5.8	0.9	10.9	6.3	1.0	10.7	6.2	1.1	8.7	5.2	0.9	8.2	4.9	0.9	7.6	4.7
		73.4	0.8	10.3	2.7	0.9	10.7	3.0	1.1	10.5	2.9	1.2	8.5	2.4	1.0	8.0	2.3	0.9	7.5	2.2
	80.6	60.8	0.8	9.7	7.4	0.9	10.0	8.1	1.0	9.8	8.0	1.1	8.0	6.7	0.9	7.5	6.4	0.9	7.0	6.0
		66.2	0.8	10.8	7.4	0.9	11.1	8.0	1.1	10.9	7.9	1.2	8.9	6.6	0.9	8.3	6.3	0.9	7.8	6.0
		73.4	0.8	11.4	5.0	0.9	11.8	5.4	1.1	11.5	5.4	1.2	9.4	4.5	1.0	8.8	4.3	0.9	8.2	4.1
	84.2	66.2	0.8	11.0	7.9	0.9	11.3	8.6	1.1	11.1	8.5	1.2	9.1	7.1	1.0	8.5	6.8	0.9	7.9	6.4
		60.8	0.8	10.2	8.3	0.9	10.5	9.0	1.0	10.3	8.9	1.1	8.4	7.4	0.9	7.9	7.0	0.9	7.4	6.6
		66.2	0.8	11.1	8.4	0.9	11.4	9.2	1.1	11.2	9.1	1.2	9.2	7.5	1.0	8.6	7.2	0.9	8.0	6.9
	86.0	73.4	0.8	11.7	6.9	0.9	12.0	7.5	1.1	11.8	7.4	1.2	9.6	6.2	1.0	9.0	5.9	0.9	8.4	5.6
		60.8	0.8	10.7	9.0	0.9	11.1	9.7	1.1	10.8	9.6	1.1	8.9	7.9	0.9	8.3	7.4	0.9	7.7	6.9
		66.2	0.8	11.4	9.5	0.9	11.8	10.3	1.1	11.5	10.2	1.2	9.4	8.4	1.0	8.8	7.9	0.9	8.2	7.3
89.6	73.4	0.8	12.6	9.2	0.9	13.0	10.0	1.1	12.8	9.9	1.2	10.4	8.2	1.0	9.8	7.9	0.9	9.1	7.5	
	48.2	0.6	7.4	4.2	0.7	7.6	4.6	0.8	7.4	4.5	0.9	6.1	3.8	0.7	5.7	3.6	0.7	5.3	3.4	
	53.6	0.6	7.6	2.7	0.7	7.9	3.0	0.8	7.7	3.0	0.9	6.3	2.5	0.7	5.9	2.3	0.7	5.5	2.2	
445	64.4	59.0	0.7	9.2	2.8	0.8	9.5	3.1	0.9	9.3	3.0	1.0	7.6	2.5	0.8	7.1	2.4	0.8	6.6	2.3
		53.6	0.7	9.2	6.4	0.8	9.4	6.9	1.0	9.2	6.9	1.0	7.5	5.7	0.9	7.1	5.5	0.8	6.6	5.2
		59.0	0.7	9.4	5.2	0.8	9.7	5.7	1.0	9.5	5.6	1.1	7.7	4.7	0.9	7.2	4.5	0.8	6.8	4.2
	69.8	66.2	0.8	10.9	4.1	0.9	11.2	4.5	1.0	11.0	4.4	1.1	9.0	3.7	0.9	8.4	3.5	0.9	7.9	3.4
		60.8	0.7	9.8	6.6	0.8	10.1	7.1	1.0	9.9	7.0	1.1	8.1	5.9	0.9	7.6	5.6	0.8	7.1	5.3
		66.2	0.8	11.1	6.4	0.9	11.5	6.9	1.1	11.2	6.8	1.2	9.2	5.7	1.0	8.6	5.4	0.9	8.0	5.2
	75.2	73.4	0.8	10.9	3.0	0.9	11.2	3.3	1.1	11.0	3.2	1.2	9.0	2.7	1.0	8.4	2.6	0.9	7.9	2.4
		60.8	0.8	10.2	8.2	0.9	10.5	8.9	1.0	10.3	8.8	1.1	8.4	7.3	0.9	7.9	7.0	0.9	7.4	6.7
		66.2	0.8	11.4	8.1	0.9	11.7	8.8	1.1	11.5	8.7	1.2	9.4	7.3	1.0	8.8	6.9	0.9	8.2	6.6
	80.6	73.4	0.8	12.0	5.5	0.9	12.4	6.0	1.1	12.2	5.9	1.2	9.9	4.9	1.0	9.3	4.7	0.9	8.7	4.5
		66.2	0.8	11.6	8.7	0.9	11.9	9.4	1.1	11.7	9.3	1.2	9.5	7.8	1.0	9.0	7.4	0.9	8.4	7.1
		60.8	0.8	10.8	9.1	0.9	11.1	9.9	1.0	10.9	9.8	1.1	8.9	8.2	0.9	8.3	7.7	0.9	7.8	7.2
	84.2	66.2	0.8	11.7	9.3	0.9	12.1	10.1	1.1	11.8	10.0	1.2	9.6	8.3	1.0	9.0	7.9	0.9	8.4	7.5
		73.4	0.8	12.3	7.6	0.9	12.7	8.3	1.1	12.4	8.2	1.2	10.1	6.8	1.0	9.5	6.5	0.9	8.9	6.2
		60.8	0.8	11.3	9.9	0.9	11.7	10.7	1.1	11.4	10.6	1.2	9.3	8.7	1.0	8.7	8.1	0.9	8.2	7.6
	86.0	66.2	0.8	12.0	10.4	0.9	12.4	11.3	1.1	12.2	11.2	1.2	9.9	9.2	1.0	9.3	8.7	0.9	8.7	8.1
		73.4	0.8	12.6	9.6	0.9	13.0	10.5	1.1	12.8	10.4	1.2	10.4	8.6	1.0	9.8	8.2	0.9	9.1	7.8
		60.8	0.8	11.3	9.9	0.9	11.7	10.7	1.1	11.4	10.6	1.2	9.3	8.7	1.0	8.7	8.1	0.9	8.2	7.6
494	64.4	48.2	0.6	7.5	4.6	0.7	7.7	5.0	0.8	7.6	5.0	0.9	6.2	4.1	0.7	5.8	3.9	0.7	5.4	3.8
		53.6	0.6	7.8	3.0	0.7	8.0	3.3	0.8	7.9	3.2	0.9	6.4	2.7	0.7	6.0	2.6	0.7	5.6	2.5
		59.0	0.7	9.4	3.1	0.8	9.7	3.4	0.9	9.5	3.3	1.0	7.7	2.8	0.8	7.3	2.7	0.8	6.8	2.5
	69.8	53.6	0.7	9.3	7.0	0.8	9.6	7.6	1.0	9.4	7.5	1.0	7.7	6.3	0.9	7.2	6.0	0.8	6.7	5.7
		59.0	0.7	9.6	5.7	0.8	9.9	6.2	1.0	9.7	6.2	1.1	7.9	5.1	0.9	7.4	4.9	0.8	6.9	4.7
		66.2	0.8	11.1	4.5	0.9	11.5	4.9	1.1	11.2	4.9	1.2	9.2	4.1	0.9	8.6	3.9	0.9	8.0	3.7
	75.2	60.8	0.7	10.0	7.2	0.8	10.3	7.8	1.0	10.1	7.7	1.1	8.2	6.4	0.9	7.7	6.1	0.8	7.2	5.8
		66.2	0.8	11.4	7.0	0.9	11.7	7.6	1.1	11.5	7.5	1.2	9.4	6.2	1.0	8.8	6.0	0.9	8.2	5.7
		73.4	0.8	11.1	3.3	0.9	11.5	3.6	1.1	11.2	3.5	1.2	9.2	2.9	1.0	8.6	2.8	0.9	8.0	2.7
	80.6	60.8	0.8	10.4	9.0	0.9	10.7	9.8	1.0	10.5	9.7	1.1	8.6	8.0	0.9	8.1	7.7	0.9	7.5	7.3
		66.2	0.8	11.6	8.9	0.9	11.9	9.7	1.1	11.7	9.6	1.2	9.6	8.0	1.0	9.0	7.6	0.9	8.4	7.2
		73.4	0.8	12.3	6.0	0.9	12.7	6.6	1.1	12.4	6.5	1.2	10.1	5.4	1.0	9.5	5.2	0.9	8.9	4.9
	84.2	66.2	0.8	11.8	9.5	0.9	12.2	10.4	1.1	11.9	10.3	1.2	9.7	8.5	1.0	9.1	8.2	0.9	8.5	7.8
		60.8	0.8	11.0	10.0	0.9	11.3	10.9	1.1	11.1	10.8	1.2	9.1	9.0	0.9	8.5	8.5	0.9	7.9	7.9
		66.2	0.8	11.9	10.2	0.9	12.3	11.1	1.1	12.1	10.9	1.2	9.8	9.1	1.0	9.2	8.7	0.9	8.6	8.3
	86.0	73.4	0.8	12.5	8.3	0.9	12.9	9.1	1.1	12.7	9.0	1.2	10.3	7.5	1.0	9.7	7.1	0.9	9.0	6.8
		60.8	0.8	11.5	10.9	0.9	11.9	11.8	1.1	11.7	11.7	1.2	9.5	9.5	1.0	8.9	8.9	0.9	8.3	8.3
		66.2	0.8	12.3	11.4	0.9	12.7	12.4	1.1	12.4	12.3	1.2	10.1	10.1	1.0	9.5	9.5	0.9	8.9	8.9
89.6	73.4	0.8	12.6	10.4	0.9	13.0	11.2	1.1	12.8	11.1	1.2	10.4	9.3	1.0	9.8	8.9	0.9	9.1	8.4	

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			86			95			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
544	64.4	48.2	0.6	7.7	3.4	0.7	7.9	5.3	0.8	7.7	3.6	0.9	6.3	3.0	0.7	5.9	2.9	0.7	5.5	2.8
		53.6	0.6	7.9	2.2	0.7	8.2	3.4	0.8	8.0	2.4	0.9	6.6	2.0	0.8	6.1	1.9	0.7	5.7	1.8
		59.0	0.7	9.6	2.3	0.8	9.9	3.5	0.9	9.7	2.4	1.0	7.9	2.0	0.8	7.4	1.9	0.8	6.9	1.9
	69.8	53.6	0.7	9.5	5.1	0.8	9.8	8.0	1.0	9.6	5.5	1.1	7.9	4.6	0.9	7.4	4.4	0.8	6.9	4.2
		59.0	0.7	9.8	4.2	0.8	10.1	6.5	1.0	9.9	4.5	1.1	8.0	3.8	0.9	7.5	3.6	0.8	7.0	3.4
		66.2	0.8	11.3	3.3	0.9	11.7	5.2	1.1	11.5	3.6	1.2	9.4	3.0	1.0	8.8	2.8	0.9	8.2	2.7
	75.2	60.8	0.7	10.2	5.3	0.8	10.5	8.2	1.0	10.3	5.7	1.1	8.4	4.7	0.9	7.9	4.5	0.8	7.4	4.3
		66.2	0.8	11.6	5.1	0.9	11.9	8.0	1.1	11.7	5.5	1.2	9.5	4.6	1.0	9.0	4.4	0.9	8.4	4.2
		73.4	0.8	11.3	2.4	1.0	11.7	3.7	1.1	11.5	2.6	1.2	9.4	2.2	1.0	8.8	2.1	1.0	8.2	2.0
	80.6	60.8	0.8	10.6	6.6	0.9	11.0	10.2	1.1	10.7	7.1	1.2	8.8	5.9	0.9	8.2	5.6	0.9	7.7	5.4
		66.2	0.8	11.8	6.5	0.9	12.2	10.2	1.1	11.9	7.0	1.2	9.7	5.9	1.0	9.1	5.6	0.9	8.5	5.3
		73.4	0.8	12.5	4.4	0.9	12.9	6.9	1.1	12.7	4.8	1.2	10.3	4.0	1.0	9.7	3.8	0.9	9.0	3.6
	84.2	66.2	0.8	12.1	7.0	0.9	12.4	10.9	1.1	12.2	7.5	1.2	9.9	6.3	1.0	9.3	6.0	0.9	8.7	5.7
		60.8	0.8	11.2	7.4	0.9	11.5	11.4	1.1	11.3	7.9	1.2	9.2	6.6	1.0	8.7	6.2	0.9	8.1	5.8
		66.2	0.8	12.2	7.5	0.9	12.5	11.6	1.1	12.3	8.0	1.2	10.0	6.7	1.0	9.4	6.4	0.9	8.8	6.1
	86.0	73.4	0.8	12.8	6.1	1.0	13.2	9.5	1.1	12.9	6.6	1.2	10.5	5.5	1.0	9.9	5.2	1.0	9.2	5.0
		60.8	0.8	11.8	8.0	0.9	12.1	12.4	1.1	11.9	8.6	1.2	9.7	7.0	1.0	9.1	6.6	0.9	8.5	6.1
		66.2	0.8	12.5	8.4	0.9	12.9	13.0	1.1	12.7	9.0	1.2	10.3	7.4	1.0	9.7	7.0	0.9	9.0	6.5
	89.6	73.4	0.8	12.6	7.5	0.9	13.0	11.6	1.1	12.8	8.0	1.2	10.4	6.7	1.0	9.8	6.4	0.9	9.1	6.1
		48.2	0.6	7.7	2.5	0.7	8.0	5.3	0.8	7.8	2.6	0.9	6.4	2.2	0.7	6.0	2.1	0.7	5.6	2.0
		53.6	0.6	8.0	1.6	0.7	8.3	3.5	0.8	8.1	1.7	0.9	6.6	1.4	0.8	6.2	1.4	0.7	5.8	1.3
593	64.4	59.0	0.7	9.7	1.7	0.8	10.0	3.6	0.9	9.8	1.8	1.0	8.0	1.5	0.8	7.5	1.4	0.8	7.0	1.3
		53.6	0.7	9.6	3.7	0.8	9.9	8.1	1.0	9.7	4.0	1.1	7.9	3.3	0.9	7.4	3.2	0.8	6.9	3.0
		59.0	0.8	9.9	3.1	0.9	10.2	6.6	1.0	10.0	3.3	1.1	8.1	2.7	0.9	7.6	2.6	0.9	7.1	2.5
	69.8	66.2	0.8	11.5	2.4	0.9	11.8	5.2	1.1	11.6	2.6	1.2	9.4	2.2	1.0	8.9	2.1	0.9	8.3	2.0
		60.8	0.8	10.3	3.8	0.9	10.6	8.3	1.0	10.4	4.1	1.1	8.5	3.4	0.9	8.0	3.3	0.9	7.4	3.1
		66.2	0.8	11.7	3.7	0.9	12.1	8.0	1.1	11.8	4.0	1.2	9.6	3.3	1.0	9.0	3.2	0.9	8.4	3.0
	75.2	73.4	0.8	11.5	1.8	1.0	11.8	3.8	1.1	11.6	1.9	1.2	9.5	1.6	1.0	8.9	1.5	1.0	8.3	1.4
		60.8	0.8	10.7	4.8	0.9	11.1	10.3	1.1	10.8	5.2	1.2	8.9	4.3	1.0	8.3	4.1	0.9	7.7	3.9
		66.2	0.8	11.9	4.8	0.9	12.3	10.3	1.1	12.1	5.1	1.2	9.8	4.3	1.0	9.2	4.1	0.9	8.6	3.9
	80.6	73.4	0.8	12.6	3.2	1.0	13.0	7.0	1.1	12.8	3.5	1.2	10.4	2.9	1.0	9.8	2.8	1.0	9.1	2.6
		66.2	0.8	12.2	5.1	0.9	12.5	11.0	1.1	12.3	5.5	1.2	10.0	4.6	1.0	9.4	4.4	0.9	8.8	4.1
		60.8	0.8	11.3	5.4	0.9	11.7	11.5	1.1	11.4	5.8	1.2	9.3	4.8	1.0	8.7	4.5	0.9	8.2	4.2
	86.0	66.2	0.8	12.3	5.4	0.9	12.7	11.7	1.1	12.4	5.8	1.2	10.1	4.9	1.0	9.5	4.7	0.9	8.9	4.4
		73.4	0.8	12.9	4.5	1.0	13.3	9.6	1.1	13.0	4.8	1.2	10.6	4.0	1.0	10.0	3.8	1.0	9.3	3.6
		60.8	0.8	11.9	5.8	0.9	12.3	12.5	1.1	12.0	6.2	1.2	9.8	5.1	1.0	9.2	4.8	0.9	8.6	4.4
	89.6	66.2	0.8	12.6	6.1	1.0	13.0	13.2	1.1	12.8	6.6	1.2	10.4	5.4	1.0	9.8	5.1	1.0	9.1	4.7
		73.4	0.8	12.6	5.4	0.9	13.0	11.6	1.1	12.8	5.8	1.2	10.4	4.8	1.0	9.8	4.6	0.9	9.1	4.4

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD18NK3C1O Indoor Unit:GFH18K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			5			14			19.4			23			32		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
471	64.4	48.2	7.2	3.0	0.7	7.3	3.1	0.7	7.4	3.2	0.7	7.5	3.3	0.7	7.6	3.3	0.7
		53.6	7.5	1.9	0.7	7.6	2.0	0.7	7.7	2.1	0.7	7.8	2.1	0.7	7.9	2.2	0.7
		59.0	9.0	2.0	0.8	9.1	2.1	0.8	9.3	2.1	0.8	9.4	2.2	0.8	9.5	2.2	0.8
	69.8	53.6	9.0	4.5	0.8	9.1	4.7	0.8	9.2	4.8	0.8	9.4	4.9	0.8	9.5	5.1	0.9
		59.0	9.2	3.7	0.8	9.3	3.8	0.8	9.4	3.9	0.8	9.6	4.0	0.9	9.7	4.1	0.9
		66.2	10.7	2.9	0.9	10.8	3.0	0.9	11.0	3.1	0.9	11.1	3.2	0.9	11.3	3.3	0.9
	75.2	60.8	9.6	4.7	0.8	9.7	4.8	0.8	9.9	4.9	0.8	10.0	5.1	0.9	10.2	5.2	0.9
		66.2	10.9	4.5	0.9	11.0	4.6	0.9	11.2	4.8	0.9	11.4	4.9	0.9	11.5	5.1	0.9
		73.4	10.7	2.1	0.9	10.8	2.2	0.9	11.0	2.2	0.9	11.1	2.3	1.0	11.3	2.4	1.0
	80.6	60.8	10.0	5.8	0.9	10.1	6.0	0.9	10.3	6.1	0.9	10.4	6.3	0.9	10.6	6.5	0.9
		66.2	11.1	5.8	0.9	11.3	5.9	0.9	11.4	6.1	0.9	11.6	6.3	0.9	11.8	6.4	1.0
		73.4	11.8	3.9	0.9	11.9	4.0	0.9	12.1	4.1	0.9	12.3	4.3	1.0	12.5	4.4	1.0
	84.2	66.2	11.3	6.2	0.9	11.5	6.4	0.9	11.7	6.5	0.9	11.8	6.7	0.9	12.0	6.9	1.0
		60.8	10.5	6.5	0.9	10.7	6.7	0.9	10.8	6.9	0.9	11.0	7.1	0.9	11.2	7.3	0.9
		66.2	11.4	6.6	0.9	11.6	6.8	0.9	11.8	7.0	0.9	12.0	7.2	0.9	12.1	7.4	1.0
	86.0	73.4	12.0	5.4	0.9	12.2	5.6	0.9	12.4	5.7	0.9	12.5	5.9	1.0	12.7	6.0	1.0
		60.8	11.1	7.0	0.9	11.2	7.2	0.9	11.4	7.4	0.9	11.6	7.6	0.9	11.7	7.9	1.0
		66.2	11.8	7.4	0.9	11.9	7.6	0.9	12.1	7.8	0.9	12.3	8.0	1.0	12.5	8.3	1.0
89.6	73.4	13.0	7.2	0.9	13.2	7.4	1.0	13.4	7.6	1.0	13.6	7.8	1.0	13.8	8.1	1.0	
	60.8	11.1	7.0	0.9	11.2	7.2	0.9	11.4	7.4	0.9	11.6	7.6	0.9	11.7	7.9	1.0	
	66.2	11.8	7.4	0.9	11.9	7.6	0.9	12.1	7.8	0.9	12.3	8.0	1.0	12.5	8.3	1.0	
530	64.4	48.2	7.6	3.3	0.7	7.7	3.4	0.7	7.8	3.5	0.7	7.9	3.6	0.7	8.0	3.7	0.7
		53.6	7.9	2.1	0.7	8.0	2.2	0.7	8.1	2.3	0.7	8.2	2.3	0.7	8.3	2.4	0.7
		59.0	9.5	2.2	0.8	9.6	2.3	0.8	9.8	2.3	0.8	9.9	2.4	0.8	10.0	2.5	0.8
	69.8	53.6	9.4	5.0	0.8	9.6	5.1	0.8	9.7	5.3	0.8	9.9	5.4	0.8	10.0	5.6	0.9
		59.0	9.7	4.1	0.8	9.8	4.2	0.8	9.9	4.3	0.8	10.1	4.4	0.9	10.2	4.6	0.9
		66.2	11.2	3.2	0.9	11.4	3.3	0.9	11.6	3.4	0.9	11.7	3.5	0.9	11.9	3.6	0.9
	75.2	60.8	10.1	5.1	0.8	10.2	5.3	0.8	10.4	5.4	0.8	10.5	5.6	0.9	10.7	5.7	0.9
		66.2	11.5	5.0	0.9	11.6	5.1	0.9	11.8	5.3	0.9	12.0	5.4	0.9	12.2	5.6	1.0
		73.4	11.2	2.3	0.9	11.4	2.4	0.9	11.6	2.5	1.0	11.7	2.5	1.0	11.9	2.6	1.0
	80.6	60.8	10.5	6.4	0.9	10.7	6.6	0.9	10.8	6.8	0.9	11.0	7.0	0.9	11.2	7.2	0.9
		66.2	11.7	6.3	0.9	11.9	6.5	0.9	12.1	6.7	0.9	12.2	6.9	0.9	12.4	7.1	1.0
		73.4	12.4	4.3	0.9	12.6	4.4	0.9	12.8	4.6	0.9	13.0	4.7	1.0	13.1	4.8	1.0
	84.2	66.2	11.9	6.8	0.9	12.1	7.0	0.9	12.3	7.2	0.9	12.5	7.4	1.0	12.7	7.6	1.0
		60.8	11.1	7.1	0.9	11.3	7.3	0.9	11.4	7.6	0.9	11.6	7.8	0.9	11.8	8.0	0.9
		66.2	12.0	7.3	0.9	12.2	7.5	0.9	12.4	7.7	0.9	12.6	7.9	1.0	12.8	8.1	1.0
	86.0	73.4	12.6	5.9	0.9	12.8	6.1	0.9	13.0	6.3	1.0	13.2	6.5	1.0	13.4	6.7	1.0
		60.8	11.7	7.7	0.9	11.8	8.0	0.9	12.0	8.2	0.9	12.2	8.4	0.9	12.4	8.6	1.0
		66.2	12.4	8.1	0.9	12.6	8.4	0.9	12.8	8.6	0.9	13.0	8.9	1.0	13.1	9.1	1.0
89.6	73.4	13.0	7.5	0.9	13.2	7.7	1.0	13.4	8.0	1.0	13.6	8.2	1.0	13.8	8.4	1.0	
	60.8	11.1	7.0	0.9	11.2	7.2	0.9	11.4	7.4	0.9	11.6	7.6	0.9	11.7	7.9	1.0	
	66.2	11.8	7.4	0.9	11.9	7.6	0.9	12.1	7.8	0.9	12.3	8.0	1.0	12.5	8.3	1.0	
589	64.4	48.2	7.7	3.6	0.7	7.9	3.7	0.7	8.0	3.8	0.7	8.1	3.9	0.7	8.2	4.0	0.7
		53.6	8.0	2.4	0.7	8.1	2.4	0.7	8.3	2.5	0.7	8.4	2.6	0.7	8.5	2.6	0.8
		59.0	9.7	2.4	0.8	9.8	2.5	0.8	10.0	2.6	0.8	10.1	2.6	0.8	10.3	2.7	0.8
	69.8	53.6	9.6	5.5	0.8	9.8	5.6	0.8	9.9	5.8	0.8	10.1	6.0	0.9	10.2	6.1	0.9
		59.0	9.9	4.5	0.8	10.0	4.6	0.8	10.2	4.7	0.9	10.3	4.9	0.9	10.5	5.0	0.9
		66.2	11.5	3.5	0.9	11.6	3.6	0.9	11.8	3.8	0.9	12.0	3.9	0.9	12.2	4.0	1.0
	75.2	60.8	10.3	5.6	0.8	10.4	5.8	0.8	10.6	5.9	0.9	10.8	6.1	0.9	10.9	6.3	0.9
		66.2	11.7	5.5	0.9	11.9	5.6	0.9	12.1	5.8	0.9	12.2	5.9	0.9	12.4	6.1	1.0
		73.4	11.5	2.6	0.9	11.6	2.6	1.0	11.8	2.7	1.0	12.0	2.8	1.0	12.2	2.9	1.0
	80.6	60.8	10.7	7.0	0.9	10.9	7.2	0.9	11.1	7.4	0.9	11.2	7.6	0.9	11.4	7.9	0.9
		66.2	11.9	7.0	0.9	12.1	7.2	0.9	12.3	7.4	0.9	12.5	7.6	1.0	12.7	7.8	1.0
		73.4	12.7	4.7	0.9	12.8	4.9	0.9	13.0	5.0	1.0	13.2	5.1	1.0	13.4	5.3	1.0
	84.2	66.2	12.2	7.5	0.9	12.4	7.7	0.9	12.5	7.9	0.9	12.7	8.1	1.0	12.9	8.3	1.0
		60.8	11.3	7.8	0.9	11.5	8.1	0.9	11.7	8.3	0.9	11.8	8.5	0.9	12.0	8.8	1.0
		66.2	12.3	8.0	0.9	12.5	8.2	0.9	12.7	8.4	0.9	12.9	8.7	1.0	13.0	8.9	1.0
	86.0	73.4	12.9	6.5	0.9	13.1	6.7	1.0	13.3	6.9	1.0	13.5	7.1	1.0	13.7	7.3	1.0
		60.8	11.9	8.5	0.9	12.1	8.7	0.9	12.3	9.0	0.9	12.4	9.2	1.0	12.6	9.5	1.0
		66.2	12.7	8.9	0.9	12.8	9.2	0.9	13.0	9.5	1.0	13.2	9.7	1.0	13.4	10.0	1.0
89.6	73.4	13.0	8.1	0.9	13.2	8.3	1.0	13.4	8.6	1.0	13.6	8.8	1.0	13.8	9.1	1.0	

AFR	Indoor temperature		Outdoor temperature DB (°F)															
			5			14			19.4			23			32			
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
647	64.4	48.2	7.9	2.6	0.7	8.0	2.7	0.7	8.1	2.8	0.7	8.2	2.9	0.7	8.4	3.0	0.7	
		53.6	8.2	1.7	0.7	8.3	1.8	0.7	8.4	1.8	0.7	8.6	1.9	0.7	8.7	1.9	0.8	
		59.0	9.9	1.8	0.8	10.0	1.8	0.8	10.2	1.9	0.8	10.3	1.9	0.8	10.5	2.0	0.8	
	69.8	53.6	9.8	4.0	0.8	10.0	4.1	0.8	10.1	4.3	0.8	10.3	4.4	0.9	10.4	4.5	0.9	
		59.0	10.1	3.3	0.8	10.2	3.4	0.9	10.4	3.5	0.9	10.5	3.6	0.9	10.7	3.7	0.9	
		66.2	11.7	2.6	0.9	11.9	2.7	0.9	12.0	2.8	0.9	12.2	2.8	0.9	12.4	2.9	1.0	
	75.2	60.8	10.5	4.1	0.8	10.7	4.2	0.8	10.8	4.4	0.9	11.0	4.5	0.9	11.1	4.6	0.9	
		66.2	11.9	4.0	0.9	12.1	4.1	0.9	12.3	4.2	0.9	12.5	4.4	1.0	12.7	4.5	1.0	
		73.4	11.7	1.9	0.9	11.9	1.9	1.0	12.0	2.0	1.0	12.2	2.1	1.0	12.4	2.1	1.0	
	80.6	60.8	11.0	5.2	0.9	11.1	5.3	0.9	11.3	5.5	0.9	11.5	5.6	0.9	11.6	5.8	1.0	
		66.2	12.2	5.1	0.9	12.4	5.3	0.9	12.5	5.4	0.9	12.7	5.6	1.0	12.9	5.7	1.0	
		73.4	12.9	3.5	0.9	13.1	3.6	1.0	13.3	3.7	1.0	13.5	3.8	1.0	13.7	3.9	1.0	
	84.2	66.2	12.4	5.5	0.9	12.6	5.6	0.9	12.8	5.8	1.0	13.0	6.0	1.0	13.2	6.1	1.0	
		60.8	11.5	5.8	0.9	11.7	5.9	0.9	11.9	6.1	0.9	12.1	6.3	0.9	12.2	6.4	1.0	
		66.2	12.5	5.8	0.9	12.7	6.0	0.9	12.9	6.2	1.0	13.1	6.4	1.0	13.3	6.5	1.0	
	86.0	73.4	13.2	4.8	0.9	13.4	4.9	1.0	13.6	5.1	1.0	13.8	5.2	1.0	14.0	5.4	1.0	
		60.8	12.1	6.2	0.9	12.3	6.4	0.9	12.5	6.6	0.9	12.7	6.8	1.0	12.9	7.0	1.0	
		66.2	12.9	6.6	0.9	13.1	6.7	1.0	13.3	6.9	1.0	13.5	7.1	1.0	13.7	7.3	1.0	
	89.6	73.4	13.0	5.8	0.9	13.2	6.0	1.0	13.4	6.2	1.0	13.6	6.3	1.0	13.8	6.5	1.0	
		60.8	12.1	6.2	0.9	12.3	6.4	0.9	12.5	6.6	0.9	12.7	6.8	1.0	12.9	7.0	1.0	
		66.2	12.9	6.6	0.9	13.1	6.7	1.0	13.3	6.9	1.0	13.5	7.1	1.0	13.7	7.3	1.0	
	706	64.4	48.2	8.0	1.9	0.7	8.1	2.0	0.7	8.2	2.0	0.7	8.3	2.1	0.7	8.4	2.2	0.7
			53.6	8.3	1.3	0.7	8.4	1.3	0.7	8.5	1.3	0.7	8.6	1.4	0.8	8.8	1.4	0.8
			59.0	10.0	1.3	0.8	10.1	1.3	0.8	10.3	1.4	0.8	10.4	1.4	0.8	10.6	1.4	0.8
69.8		53.6	9.9	2.9	0.8	10.1	3.0	0.8	10.2	3.1	0.9	10.4	3.2	0.9	10.5	3.3	0.9	
		59.0	10.1	2.4	0.8	10.3	2.5	0.9	10.5	2.5	0.9	10.6	2.6	0.9	10.8	2.7	0.9	
		66.2	11.8	1.9	0.9	12.0	1.9	0.9	12.2	2.0	0.9	12.3	2.1	1.0	12.5	2.1	1.0	
75.2		60.8	10.6	3.0	0.8	10.8	3.1	0.9	10.9	3.2	0.9	11.1	3.3	0.9	11.2	3.4	0.9	
		66.2	12.0	2.9	0.9	12.2	3.0	0.9	12.4	3.1	0.9	12.6	3.2	1.0	12.8	3.3	1.0	
		73.4	11.8	1.4	1.0	12.0	1.4	1.0	12.2	1.5	1.0	12.3	1.5	1.0	12.5	1.5	1.0	
80.6		60.8	11.1	3.7	0.9	11.2	3.9	0.9	11.4	4.0	0.9	11.6	4.1	0.9	11.7	4.2	1.0	
		66.2	12.3	3.7	0.9	12.5	3.8	0.9	12.7	3.9	1.0	12.9	4.0	1.0	13.0	4.2	1.0	
		73.4	13.0	2.5	0.9	13.2	2.6	1.0	13.4	2.7	1.0	13.6	2.7	1.0	13.8	2.8	1.0	
84.2		66.2	12.5	4.0	0.9	12.7	4.1	1.0	12.9	4.2	1.0	13.1	4.3	1.0	13.3	4.5	1.0	
		60.8	11.6	4.2	0.9	11.8	4.3	0.9	12.0	4.4	0.9	12.2	4.6	1.0	12.4	4.7	1.0	
		66.2	12.7	4.2	0.9	12.9	4.4	1.0	13.0	4.5	1.0	13.2	4.6	1.0	13.4	4.8	1.0	
86.0		73.4	13.3	3.5	1.0	13.5	3.6	1.0	13.7	3.7	1.0	13.9	3.8	1.0	14.1	3.9	1.0	
		60.8	12.2	4.5	0.9	12.4	4.7	0.9	12.6	4.8	1.0	12.8	4.9	1.0	13.0	5.1	1.0	
		66.2	13.0	4.8	0.9	13.2	4.9	1.0	13.4	5.0	1.0	13.6	5.2	1.0	13.8	5.3	1.0	
89.6		73.4	13.0	4.2	0.9	13.2	4.3	1.0	13.4	4.4	1.0	13.6	4.6	1.0	13.8	4.7	1.0	

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AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			41			50			59			64.4			69.8			77		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
471	64.4	48.2	7.7	3.4	0.7	7.8	3.5	0.7	8.0	3.6	0.7	8.2	3.8	0.8	8.7	4.3	0.8	10.1	5.3	0.9
		53.6	8.0	2.2	0.8	8.1	2.3	0.8	8.3	2.4	0.8	8.5	2.5	0.8	9.0	2.8	0.9	10.5	3.4	0.9
		59.0	9.7	2.3	0.8	9.8	2.4	0.8	9.9	2.4	0.9	10.2	2.5	0.9	10.9	2.9	1.0	12.7	3.5	1.0
	69.8	53.6	9.6	5.2	0.9	9.8	5.4	0.9	9.9	5.5	0.9	10.2	5.7	0.9	10.8	6.5	1.0	12.6	8.0	1.1
		59.0	9.9	4.3	0.9	10.0	4.4	0.9	10.1	4.5	0.9	10.4	4.7	1.0	11.1	5.3	1.0	12.9	6.5	1.1
		66.2	11.5	3.4	1.0	11.6	3.5	1.0	11.8	3.6	1.0	12.1	3.7	1.0	12.9	4.2	1.1	15.0	5.2	1.2
	75.2	60.8	10.3	5.4	0.9	10.4	5.5	0.9	10.6	5.6	0.9	10.9	5.9	1.0	11.6	6.7	1.0	13.5	8.2	1.1
		66.2	11.7	5.2	1.0	11.9	5.3	1.0	12.0	5.5	1.0	12.4	5.7	1.0	13.2	6.5	1.1	15.3	8.0	1.2
		73.4	11.5	2.4	1.0	11.6	2.5	1.0	11.8	2.6	1.0	12.1	2.7	1.1	12.9	3.0	1.2	15.0	3.7	1.2
	80.6	60.8	10.7	6.7	0.9	10.9	6.9	1.0	11.0	7.0	1.0	11.4	7.3	1.0	12.1	8.3	1.1	14.1	10.2	1.2
		66.2	11.9	6.6	1.0	12.1	6.8	1.0	12.3	7.0	1.0	12.6	7.3	1.1	13.5	8.2	1.1	15.6	10.1	1.2
		73.4	12.7	4.5	1.0	12.8	4.6	1.0	13.0	4.7	1.0	13.4	4.9	1.1	14.3	5.6	1.2	16.6	6.9	1.2
	84.2	66.2	12.2	7.1	1.0	12.4	7.3	1.0	12.5	7.5	1.0	12.9	7.8	1.1	13.7	8.8	1.1	16.0	10.9	1.2
		60.8	11.3	7.5	1.0	11.5	7.7	1.0	11.6	7.9	1.0	12.0	8.2	1.0	12.7	9.3	1.1	14.8	11.4	1.2
		66.2	12.3	7.6	1.0	12.5	7.8	1.0	12.6	8.0	1.0	13.0	8.3	1.1	13.9	9.4	1.1	16.1	11.6	1.2
86.0	73.4	12.9	6.2	1.0	13.1	6.4	1.0	13.3	6.5	1.0	13.6	6.8	1.1	14.6	7.7	1.2	16.9	9.5	1.2	
	60.8	11.9	8.1	1.0	12.1	8.3	1.0	12.2	8.5	1.0	12.6	8.9	1.1	13.4	10.0	1.1	15.6	12.4	1.2	
	66.2	12.7	8.5	1.0	12.8	8.7	1.0	13.0	9.0	1.0	13.4	9.3	1.1	14.3	10.6	1.2	16.6	13.0	1.2	
89.6	73.4	14.0	8.3	1.0	14.2	8.5	1.0	14.4	8.7	1.1	14.8	9.1	1.1	15.8	10.3	1.2	18.4	12.7	1.3	
	48.2	8.2	3.8	0.7	8.3	3.9	0.7	8.4	4.0	0.7	8.6	4.2	0.8	9.2	4.7	0.8	10.7	5.8	0.9	
	53.6	8.5	2.5	0.8	8.6	2.5	0.8	8.7	2.6	0.8	8.9	2.7	0.8	9.5	3.1	0.9	11.1	3.8	0.9	
530	64.4	59.0	10.2	2.5	0.8	10.3	2.6	0.8	10.5	2.7	0.9	10.8	2.8	0.9	11.5	3.2	1.0	13.3	3.9	1.0
		53.6	10.1	5.7	0.9	10.3	5.9	0.9	10.4	6.1	0.9	10.7	6.3	0.9	11.4	7.1	1.0	13.3	8.8	1.1
		59.0	10.4	4.7	0.9	10.5	4.8	0.9	10.7	5.0	0.9	11.0	5.2	1.0	11.7	5.8	1.0	13.6	7.2	1.1
	69.8	66.2	12.1	3.7	1.0	12.2	3.8	1.0	12.4	3.9	1.0	12.8	4.1	1.0	13.6	4.6	1.1	15.8	5.7	1.2
		60.8	10.9	5.9	0.9	11.0	6.1	0.9	11.2	6.2	0.9	11.5	6.5	1.0	12.2	7.3	1.0	14.2	9.0	1.1
		66.2	12.3	5.7	1.0	12.5	5.9	1.0	12.7	6.0	1.0	13.0	6.3	1.1	13.9	7.1	1.1	16.2	8.8	1.2
	75.2	73.4	12.1	2.7	1.0	12.3	2.8	1.0	12.4	2.8	1.0	12.8	3.0	1.1	13.6	3.3	1.2	15.8	4.1	1.3
		60.8	11.3	7.4	1.0	11.5	7.6	1.0	11.6	7.8	1.0	12.0	8.1	1.0	12.8	9.2	1.1	14.8	11.3	1.2
		66.2	12.6	7.3	1.0	12.8	7.5	1.0	12.9	7.7	1.0	13.3	8.0	1.1	14.2	9.1	1.1	16.5	11.2	1.2
	80.6	73.4	13.3	5.0	1.0	13.5	5.1	1.0	13.7	5.2	1.0	14.1	5.4	1.1	15.0	6.2	1.2	17.5	7.6	1.2
		66.2	12.8	7.8	1.0	13.0	8.0	1.0	13.2	8.2	1.0	13.6	8.6	1.1	14.5	9.7	1.2	16.8	12.0	1.2
		60.8	11.9	8.2	1.0	12.1	8.4	1.0	12.3	8.7	1.0	12.6	9.0	1.0	13.4	10.2	1.1	15.6	12.6	1.2
	86.0	66.2	13.0	8.3	1.0	13.1	8.6	1.0	13.3	8.8	1.0	13.7	9.2	1.1	14.6	10.4	1.2	17.0	12.8	1.2
		73.4	13.6	6.8	1.0	13.8	7.0	1.0	14.0	7.2	1.0	14.4	7.5	1.1	15.3	8.5	1.2	17.8	10.5	1.3
		60.8	12.5	8.9	1.0	12.7	9.1	1.0	12.9	9.4	1.0	13.2	9.8	1.1	14.1	11.1	1.1	16.4	13.6	1.2
89.6	66.2	13.3	9.4	1.0	13.5	9.6	1.0	13.7	9.9	1.0	14.1	10.3	1.1	15.0	11.6	1.2	17.5	14.3	1.2	
	73.4	14.0	8.7	1.0	14.2	8.9	1.0	14.4	9.1	1.1	14.8	9.5	1.1	15.8	10.8	1.2	18.4	13.3	1.3	
	48.2	8.3	4.2	0.7	8.4	4.3	0.7	8.6	4.4	0.8	8.8	4.6	0.8	9.4	5.2	0.9	10.9	6.4	0.9	
589	64.4	53.6	8.6	2.7	0.8	8.8	2.8	0.8	8.9	2.9	0.8	9.1	3.0	0.8	9.7	3.4	0.9	11.3	4.1	1.0
		59.0	10.4	2.8	0.8	10.5	2.9	0.9	10.7	2.9	0.9	11.0	3.1	0.9	11.7	3.5	1.0	13.6	4.3	1.1
		53.6	10.4	6.3	0.9	10.5	6.5	0.9	10.6	6.6	0.9	10.9	6.9	1.0	11.7	7.8	1.0	13.6	9.6	1.1
	69.8	59.0	10.6	5.2	0.9	10.7	5.3	0.9	10.9	5.4	0.9	11.2	5.7	1.0	11.9	6.4	1.1	13.9	7.9	1.1
		66.2	12.3	4.1	1.0	12.5	4.2	1.0	12.7	4.3	1.0	13.0	4.5	1.1	13.9	5.1	1.1	16.1	6.2	1.2
		60.8	11.1	6.5	0.9	11.2	6.6	0.9	11.4	6.8	0.9	11.7	7.1	1.0	12.5	8.0	1.1	14.5	9.9	1.1
	75.2	66.2	12.6	6.3	1.0	12.8	6.4	1.0	12.9	6.6	1.0	13.3	6.9	1.1	14.2	7.8	1.1	16.5	9.6	1.2
		73.4	12.3	3.0	1.0	12.5	3.0	1.0	12.7	3.1	1.1	13.0	3.2	1.1	13.9	3.7	1.2	16.2	4.5	1.3
		60.8	11.6	8.1	1.0	11.7	8.3	1.0	11.9	8.5	1.0	12.2	8.9	1.0	13.0	10.0	1.1	15.1	12.4	1.2
	80.6	66.2	12.8	8.0	1.0	13.0	8.2	1.0	13.2	8.4	1.0	13.6	8.8	1.1	14.5	10.0	1.2	16.8	12.3	1.2
		73.4	13.6	5.4	1.0	13.8	5.6	1.0	14.0	5.7	1.0	14.4	6.0	1.1	15.3	6.8	1.2	17.8	8.3	1.3
		66.2	13.1	8.6	1.0	13.3	8.8	1.0	13.5	9.0	1.0	13.8	9.4	1.1	14.8	10.7	1.2	17.2	13.1	1.2
	84.2	60.8	12.2	9.0	1.0	12.3	9.3	1.0	12.5	9.5	1.0	12.9	9.9	1.1	13.7	11.2	1.1	15.9	13.8	1.2
		66.2	13.2	9.2	1.0	13.4	9.4	1.0	13.6	9.7	1.0	14.0	10.0	1.1	14.9	11.4	1.2	17.3	14.0	1.2
		73.4	13.9	7.5	1.0	14.1	7.7	1.0	14.3	7.9	1.1	14.7	8.2	1.1	15.6	9.3	1.2	18.2	11.5	1.3
86.0	60.8	12.8	9.8	1.0	13.0	10.0	1.0	13.2	10.3	1.0	13.5	10.7	1.1	14.4	12.1	1.2	16.8	14.9	1.2	
	66.2	13.6	10.3	1.0	13.8	10.6	1.0	14.0	10.8	1.0	14.4	11.3	1.1	15.3	12.8	1.2	17.8	15.7	1.3	
	73.4	14.0	9.3	1.0	14.2	9.6	1.0	14.4	9.8	1.1	14.8	10.2	1.1	15.8	11.6	1.2	18.4	14.3	1.3	

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			41			50			59			64.4			69.8			77		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
647	64.4	48.2	8.5	3.0	0.7	8.6	3.1	0.8	8.7	3.2	0.8	9.0	3.3	0.8	9.6	3.8	0.9	11.1	4.7	0.9
		53.6	8.8	2.0	0.8	8.9	2.0	0.8	9.1	2.1	0.8	9.3	2.2	0.8	9.9	2.5	0.9	11.5	3.0	1.0
		59.0	10.6	2.0	0.8	10.8	2.1	0.9	10.9	2.2	0.9	11.2	2.2	0.9	12.0	2.5	1.0	13.9	3.1	1.1
	69.8	53.6	10.6	4.6	0.9	10.7	4.8	0.9	10.9	4.9	0.9	11.2	5.1	1.0	11.9	5.8	1.0	13.8	7.1	1.1
		59.0	10.8	3.8	0.9	11.0	3.9	0.9	11.1	4.0	0.9	11.4	4.2	1.0	12.2	4.7	1.1	14.2	5.8	1.1
		66.2	12.6	3.0	1.0	12.7	3.1	1.0	12.9	3.2	1.0	13.3	3.3	1.1	14.2	3.7	1.1	16.5	4.6	1.2
	75.2	60.8	11.3	4.7	0.9	11.5	4.9	0.9	11.6	5.0	0.9	11.9	5.2	1.0	12.7	5.9	1.1	14.8	7.3	1.1
		66.2	12.8	4.6	1.0	13.0	4.7	1.0	13.2	4.9	1.0	13.6	5.1	1.1	14.5	5.7	1.2	16.8	7.1	1.2
		73.4	12.6	2.2	1.0	12.8	2.2	1.0	12.9	2.3	1.1	13.3	2.4	1.1	14.2	2.7	1.2	16.5	3.3	1.3
	80.6	60.8	11.8	5.9	1.0	12.0	6.1	1.0	12.1	6.3	1.0	12.5	6.5	1.1	13.3	7.4	1.1	15.4	9.1	1.2
		66.2	13.1	5.9	1.0	13.3	6.0	1.0	13.5	6.2	1.0	13.8	6.5	1.1	14.8	7.3	1.2	17.2	9.0	1.2
		73.4	13.9	4.0	1.0	14.1	4.1	1.0	14.3	4.2	1.1	14.7	4.4	1.1	15.6	5.0	1.2	18.2	6.1	1.3
	84.2	66.2	13.4	6.3	1.0	13.5	6.5	1.0	13.7	6.6	1.0	14.1	6.9	1.1	15.1	7.8	1.2	17.5	9.6	1.3
		60.8	12.4	6.6	1.0	12.6	6.8	1.0	12.8	7.0	1.0	13.1	7.3	1.1	14.0	8.2	1.1	16.3	10.1	1.2
		66.2	13.5	6.7	1.0	13.7	6.9	1.0	13.9	7.1	1.0	14.2	7.4	1.1	15.2	8.4	1.2	17.7	10.3	1.3
	86.0	73.4	14.2	5.5	1.0	14.4	5.7	1.0	14.6	5.8	1.1	15.0	6.0	1.1	16.0	6.8	1.2	18.6	8.4	1.3
		60.8	13.0	7.2	1.0	13.2	7.4	1.0	13.4	7.6	1.0	13.8	7.9	1.1	14.7	8.9	1.2	17.1	11.0	1.2
		66.2	13.9	7.5	1.0	14.1	7.7	1.0	14.3	8.0	1.1	14.7	8.3	1.1	15.6	9.4	1.2	18.2	11.5	1.3
	89.6	73.4	14.0	6.7	1.0	14.2	6.9	1.0	14.4	7.1	1.1	14.8	7.4	1.1	15.8	8.3	1.2	18.4	10.3	1.3
		48.2	8.6	2.2	0.7	8.7	2.3	0.8	8.8	2.3	0.8	9.1	2.4	0.8	9.7	2.8	0.9	11.2	3.4	0.9
		53.6	8.9	1.4	0.8	9.0	1.5	0.8	9.1	1.5	0.8	9.4	1.6	0.8	10.0	1.8	0.9	11.6	2.2	1.0
706	64.4	59.0	10.7	1.5	0.9	10.9	1.5	0.9	11.0	1.6	0.9	11.3	1.6	0.9	12.1	1.9	1.0	14.0	2.3	1.1
		53.6	10.7	3.4	0.9	10.8	3.5	0.9	11.0	3.5	0.9	11.3	3.7	1.0	12.0	4.2	1.1	14.0	5.1	1.1
		59.0	10.9	2.8	0.9	11.1	2.8	0.9	11.2	2.9	1.0	11.5	3.0	1.0	12.3	3.4	1.1	14.3	4.2	1.2
	69.8	66.2	12.7	2.2	1.0	12.9	2.2	1.0	13.1	2.3	1.0	13.4	2.4	1.1	14.3	2.7	1.2	16.6	3.3	1.2
		60.8	11.4	3.5	0.9	11.6	3.5	0.9	11.7	3.6	1.0	12.0	3.8	1.0	12.9	4.3	1.1	14.9	5.3	1.1
		66.2	13.0	3.4	1.0	13.1	3.4	1.0	13.3	3.5	1.0	13.7	3.7	1.1	14.6	4.2	1.2	17.0	5.1	1.2
	75.2	73.4	12.7	1.6	1.0	12.9	1.6	1.1	13.1	1.7	1.1	13.4	1.7	1.1	14.3	2.0	1.2	16.6	2.4	1.3
		60.8	11.9	4.3	1.0	12.1	4.4	1.0	12.2	4.5	1.0	12.6	4.7	1.1	13.4	5.4	1.1	15.6	6.6	1.2
		66.2	13.2	4.3	1.0	13.4	4.4	1.0	13.6	4.5	1.0	14.0	4.7	1.1	14.9	5.3	1.2	17.3	6.5	1.3
	80.6	73.4	14.0	2.9	1.0	14.2	3.0	1.0	14.4	3.1	1.1	14.8	3.2	1.1	15.8	3.6	1.2	18.4	4.4	1.3
		66.2	13.5	4.6	1.0	13.7	4.7	1.0	13.9	4.8	1.1	14.2	5.0	1.1	15.2	5.7	1.2	17.7	7.0	1.3
		60.8	12.5	4.8	1.0	12.7	4.9	1.0	12.9	5.1	1.0	13.2	5.3	1.1	14.1	6.0	1.2	16.4	7.4	1.2
	86.0	66.2	13.6	4.9	1.0	13.8	5.0	1.0	14.0	5.2	1.1	14.4	5.4	1.1	15.3	6.1	1.2	17.8	7.5	1.3
		73.4	14.3	4.0	1.0	14.5	4.1	1.1	14.7	4.2	1.1	15.1	4.4	1.1	16.1	5.0	1.2	18.7	6.1	1.3
		60.8	13.2	5.2	1.0	13.4	5.3	1.0	13.5	5.5	1.0	13.9	5.7	1.1	14.8	6.5	1.2	17.3	8.0	1.3
	89.6	66.2	14.0	5.5	1.0	14.2	5.6	1.0	14.4	5.8	1.1	14.8	6.0	1.1	15.8	6.8	1.2	18.4	8.4	1.3
		73.4	14.0	4.8	1.0	14.2	5.0	1.0	14.4	5.1	1.1	14.8	5.3	1.1	15.8	6.0	1.2	18.4	7.4	1.3

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			86			95			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
471	64.4	48.2	10.6	5.8	1.0	10.9	6.3	1.2	10.7	6.2	1.3	8.7	5.2	1.1	8.2	4.9	1.0	7.6	4.7	1.0
		53.6	11.0	3.8	1.1	11.3	4.1	1.3	11.1	4.1	1.4	9.0	3.4	1.1	8.5	3.2	1.1	7.9	3.1	1.1
		59.0	13.2	3.9	1.2	13.6	4.2	1.4	13.3	4.2	1.5	10.9	3.5	1.2	10.2	3.3	1.2	9.5	3.2	1.2
	69.8	53.6	13.2	8.8	1.2	13.6	9.5	1.4	13.3	9.4	1.6	10.8	7.9	1.3	10.2	7.5	1.2	9.5	7.1	1.3
		59.0	13.5	7.2	1.3	13.9	7.8	1.5	13.6	7.7	1.6	11.1	6.4	1.3	10.4	6.1	1.3	9.7	5.8	1.3
		66.2	15.7	5.7	1.3	16.1	6.2	1.6	15.8	6.1	1.7	12.9	5.1	1.4	12.1	4.9	1.3	11.3	4.6	1.4
	75.2	60.8	14.1	9.0	1.3	14.5	9.8	1.5	14.2	9.7	1.6	11.6	8.1	1.3	10.9	7.7	1.3	10.2	7.3	1.3
		66.2	16.0	8.8	1.4	16.5	9.5	1.6	16.2	9.4	1.7	13.2	7.8	1.4	12.4	7.5	1.4	11.5	7.1	1.4
		73.4	15.7	4.1	1.4	16.2	4.5	1.7	15.8	4.4	1.8	12.9	3.7	1.5	12.1	3.5	1.4	11.3	3.3	1.4
	80.6	60.8	14.7	11.3	1.3	15.1	12.2	1.6	14.8	12.1	1.7	12.1	10.1	1.4	11.4	9.6	1.3	10.6	9.2	1.4
		66.2	16.3	11.2	1.4	16.8	12.1	1.6	16.5	12.0	1.8	13.5	10.0	1.5	12.6	9.5	1.4	11.8	9.1	1.4
		73.4	17.3	7.6	1.4	17.8	8.2	1.6	17.5	8.1	1.8	14.3	6.8	1.5	13.4	6.5	1.4	12.5	6.2	1.4
	84.2	66.2	16.6	12.0	1.4	17.2	13.0	1.6	16.8	12.9	1.8	13.7	10.7	1.5	12.9	10.2	1.4	12.0	9.7	1.4
		60.8	15.5	12.6	1.3	15.9	13.6	1.6	15.6	13.5	1.7	12.7	11.2	1.4	12.0	10.6	1.3	11.2	9.9	1.4
		66.2	16.8	12.8	1.4	17.3	13.9	1.6	17.0	13.7	1.8	13.9	11.4	1.5	13.0	10.9	1.4	12.1	10.4	1.4
86.0	73.4	17.6	10.5	1.4	18.2	11.4	1.7	17.8	11.2	1.8	14.6	9.4	1.5	13.6	8.9	1.4	12.7	8.5	1.4	
	60.8	16.3	13.6	1.4	16.8	14.8	1.6	16.4	14.6	1.8	13.4	11.9	1.5	12.6	11.2	1.4	11.7	10.4	1.4	
	66.2	17.3	14.3	1.4	17.8	15.6	1.6	17.5	15.4	1.8	14.3	12.7	1.5	13.4	11.9	1.4	12.5	11.1	1.4	
89.6	73.4	19.2	14.0	1.4	19.7	15.2	1.7	19.3	15.0	1.9	15.8	12.5	1.5	14.8	11.9	1.4	13.8	11.4	1.5	
	60.8	16.3	13.6	1.4	16.8	14.8	1.6	16.4	14.6	1.8	13.4	11.9	1.5	12.6	11.2	1.4	11.7	10.4	1.4	
	66.2	17.3	14.3	1.4	17.8	15.6	1.6	17.5	15.4	1.8	14.3	12.7	1.5	13.4	11.9	1.4	12.5	11.1	1.4	
530	64.4	48.2	11.1	6.4	1.0	11.5	6.9	1.2	11.3	6.8	1.3	9.2	5.7	1.1	8.6	5.4	1.0	8.0	5.2	1.1
		53.6	11.6	4.2	1.1	11.9	4.5	1.3	11.7	4.5	1.4	9.5	3.7	1.1	8.9	3.6	1.1	8.3	3.4	1.1
		59.0	13.9	4.3	1.2	14.4	4.6	1.4	14.1	4.6	1.5	11.5	3.8	1.2	10.8	3.7	1.2	10.0	3.5	1.2
	69.8	53.6	13.9	9.7	1.2	14.3	10.5	1.5	14.0	10.4	1.6	11.4	8.7	1.3	10.7	8.3	1.2	10.0	7.9	1.3
		59.0	14.2	7.9	1.3	14.6	8.6	1.5	14.3	8.5	1.6	11.7	7.1	1.3	11.0	6.8	1.3	10.2	6.4	1.3
		66.2	16.5	6.3	1.4	17.0	6.8	1.6	16.7	6.7	1.7	13.6	5.6	1.4	12.8	5.3	1.4	11.9	5.1	1.4
	75.2	60.8	14.8	9.9	1.3	15.3	10.8	1.5	15.0	10.7	1.6	12.2	8.9	1.3	11.5	8.5	1.3	10.7	8.1	1.3
		66.2	16.8	9.6	1.4	17.4	10.5	1.6	17.0	10.4	1.8	13.9	8.6	1.5	13.0	8.2	1.4	12.2	7.8	1.4
		73.4	16.5	4.5	1.4	17.0	4.9	1.7	16.7	4.9	1.8	13.6	4.1	1.5	12.8	3.9	1.4	11.9	3.7	1.5
	80.6	60.8	15.5	12.4	1.3	15.9	13.5	1.6	15.6	13.3	1.7	12.8	11.1	1.4	12.0	10.6	1.3	11.2	10.1	1.4
		66.2	17.2	12.3	1.4	17.7	13.3	1.6	17.4	13.2	1.8	14.2	11.0	1.5	13.3	10.5	1.4	12.4	10.0	1.4
		73.4	18.2	8.3	1.4	18.8	9.1	1.7	18.4	9.0	1.8	15.0	7.5	1.5	14.1	7.1	1.4	13.1	6.8	1.4
	84.2	66.2	17.5	13.2	1.4	18.1	14.3	1.6	17.7	14.2	1.8	14.5	11.8	1.5	13.6	11.3	1.4	12.7	10.7	1.4
		60.8	16.3	13.8	1.4	16.8	15.0	1.6	16.5	14.9	1.7	13.4	12.4	1.4	12.6	11.7	1.4	11.8	10.9	1.4
		66.2	17.7	14.1	1.4	18.3	15.3	1.6	17.9	15.1	1.8	14.6	12.6	1.5	13.7	12.0	1.4	12.8	11.4	1.4
86.0	73.4	18.6	11.5	1.4	19.2	12.5	1.7	18.8	12.4	1.8	15.3	10.3	1.5	14.4	9.8	1.4	13.4	9.4	1.5	
	60.8	17.1	15.0	1.4	17.7	16.3	1.6	17.3	16.1	1.8	14.1	13.1	1.5	13.2	12.3	1.4	12.4	11.5	1.4	
	66.2	18.2	15.8	1.4	18.8	17.1	1.7	18.4	16.9	1.8	15.0	14.0	1.5	14.1	13.1	1.4	13.1	12.2	1.4	
89.6	73.4	19.2	14.6	1.4	19.7	15.8	1.7	19.3	15.7	1.9	15.8	13.0	1.5	14.8	12.5	1.4	13.8	11.9	1.5	
	60.8	17.1	15.0	1.4	17.7	16.3	1.6	17.3	16.1	1.8	14.1	13.1	1.5	13.2	12.3	1.4	12.4	11.5	1.4	
	66.2	18.2	15.8	1.4	18.8	17.1	1.7	18.4	16.9	1.8	15.0	14.0	1.5	14.1	13.1	1.4	13.1	12.2	1.4	
589	64.4	48.2	11.4	7.0	1.0	11.7	7.6	1.2	11.5	7.5	1.3	9.4	6.3	1.1	8.8	6.0	1.0	8.2	5.7	1.1
		53.6	11.8	4.6	1.1	12.2	5.0	1.3	11.9	4.9	1.4	9.7	4.1	1.1	9.1	3.9	1.1	8.5	3.7	1.1
		59.0	14.2	4.7	1.2	14.6	5.1	1.4	14.4	5.0	1.5	11.7	4.2	1.3	11.0	4.0	1.2	10.3	3.8	1.2
	69.8	53.6	14.1	10.6	1.3	14.6	11.5	1.5	14.3	11.4	1.6	11.7	9.5	1.3	10.9	9.1	1.3	10.2	8.6	1.3
		59.0	14.5	8.7	1.3	14.9	9.4	1.5	14.6	9.3	1.6	11.9	7.8	1.4	11.2	7.4	1.3	10.5	7.1	1.3
		66.2	16.8	6.9	1.4	17.4	7.5	1.6	17.0	7.4	1.8	13.9	6.1	1.5	13.0	5.9	1.4	12.2	5.6	1.4
	75.2	60.8	15.1	10.9	1.3	15.6	11.8	1.5	15.3	11.7	1.6	12.5	9.7	1.4	11.7	9.3	1.3	10.9	8.9	1.3
		66.2	17.2	10.6	1.4	17.7	11.5	1.6	17.4	11.4	1.8	14.2	9.5	1.5	13.3	9.0	1.4	12.4	8.6	1.4
		73.4	16.8	5.0	1.4	17.4	5.4	1.7	17.0	5.3	1.9	13.9	4.5	1.5	13.0	4.3	1.4	12.2	4.0	1.5
	80.6	60.8	15.8	13.6	1.4	16.3	14.8	1.6	15.9	14.6	1.7	13.0	12.2	1.4	12.2	11.6	1.4	11.4	11.1	1.4
		66.2	17.5	13.5	1.4	18.1	14.6	1.7	17.7	14.5	1.8	14.5	12.1	1.5	13.6	11.5	1.4	12.7	11.0	1.4
		73.4	18.6	9.2	1.4	19.2	9.9	1.7	18.8	9.8	1.8	15.3	8.2	1.5	14.4	7.8	1.4	13.4	7.4	1.5
	84.2	66.2	17.9	14.5	1.4	18.4	15.7	1.7	18.1	15.5	1.8	14.8	12.9	1.5	13.8	12.4	1.4	12.9	11.8	1.4
		60.8	16.6	15.2	1.4	17.1	16.5	1.6	16.8	16.3	1.8	13.7	13.6	1.5	12.9	12.9	1.4	12.0	12.0	1.4
		66.2	18.1	15.4	1.4	18.6	16.7	1.7	18.3	16.6	1.8	14.9	13.8	1.5	14.0	13.2	1.4	13.0	12.5	1.4
86.0	73.4	19.0	12.6	1.4	19.6	13.7	1.7	19.2	13.6	1.9	15.6	11.3	1.5	14.7	10.8	1.4	13.7	10.3	1.5	
	60.8	17.5	16.4	1.4	18.0	17.8	1.6	17.7	17.7	1.8	14.4	14.4	1.5	13.5	13.5	1.4	12.6	12.6	1.4	
	66.2	18.6	17.3	1.4	19.2	18.8	1.7	18.8	18.6	1.8	15.3	15.3	1.5	14.4	14.4	1.4	13.4	13.4	1.5	
89.6	73.4	19.2	15.7	1.4	19.7	17.0	1.7	19.3	16.9	1.9	15.8	14.0	1.5	14.8	13.4	1.4	13.8	12.8	1.5	

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			86			95			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
647	64.4	48.2	11.6	5.1	1.0	12.0	8.0	1.2	11.7	5.5	1.3	9.6	4.6	1.1	9.0	4.4	1.0	8.4	4.2	1.1
		53.6	12.0	3.4	1.1	12.4	5.2	1.3	12.2	3.6	1.4	9.9	3.0	1.2	9.3	2.9	1.1	8.7	2.7	1.1
		59.0	14.5	3.5	1.2	14.9	5.4	1.4	14.6	3.7	1.5	12.0	3.1	1.3	11.2	3.0	1.2	10.5	2.8	1.2
	69.8	53.6	14.4	7.8	1.3	14.9	12.1	1.5	14.6	8.4	1.6	11.9	7.0	1.3	11.2	6.7	1.3	10.4	6.3	1.3
		59.0	14.8	6.4	1.3	15.2	9.9	1.5	14.9	6.8	1.7	12.2	5.7	1.4	11.4	5.4	1.3	10.7	5.2	1.3
		66.2	17.2	5.0	1.4	17.7	7.8	1.6	17.4	5.4	1.8	14.2	4.5	1.5	13.3	4.3	1.4	12.4	4.1	1.4
	75.2	60.8	15.4	8.0	1.3	15.9	12.4	1.5	15.6	8.6	1.7	12.7	7.2	1.4	11.9	6.8	1.3	11.1	6.5	1.3
		66.2	17.5	7.8	1.4	18.1	12.1	1.6	17.7	8.3	1.8	14.5	6.9	1.5	13.6	6.6	1.4	12.7	6.3	1.4
		73.4	17.2	3.7	1.5	17.7	5.7	1.7	17.4	3.9	1.9	14.2	3.3	1.5	13.3	3.1	1.5	12.4	3.0	1.5
	80.6	60.8	16.1	10.0	1.4	16.6	15.5	1.6	16.3	10.7	1.8	13.3	8.9	1.5	12.5	8.5	1.4	11.6	8.1	1.4
		66.2	17.9	9.9	1.4	18.4	15.4	1.7	18.1	10.6	1.8	14.8	8.9	1.5	13.8	8.5	1.4	12.9	8.1	1.4
		73.4	19.0	6.7	1.4	19.6	10.4	1.7	19.2	7.2	1.9	15.6	6.0	1.5	14.7	5.7	1.4	13.7	5.5	1.5
	84.2	66.2	18.2	10.6	1.4	18.8	16.5	1.7	18.4	11.4	1.8	15.1	9.5	1.5	14.1	9.1	1.4	13.2	8.6	1.5
		60.8	17.0	11.2	1.4	17.5	17.3	1.6	17.1	12.0	1.8	14.0	10.0	1.5	13.1	9.4	1.4	12.2	8.8	1.4
		66.2	18.4	11.3	1.4	19.0	17.6	1.7	18.6	12.2	1.8	15.2	10.1	1.5	14.2	9.7	1.4	13.3	9.2	1.5
	86.0	73.4	19.4	9.3	1.5	19.9	14.4	1.7	19.5	10.0	1.9	16.0	8.3	1.5	15.0	7.9	1.5	14.0	7.5	1.5
		60.8	17.8	12.1	1.4	18.4	18.7	1.7	18.0	13.0	1.8	14.7	10.6	1.5	13.8	9.9	1.4	12.9	9.3	1.4
		66.2	19.0	12.7	1.4	19.6	19.7	1.7	19.2	13.7	1.9	15.6	11.3	1.5	14.7	10.6	1.4	13.7	9.9	1.5
89.6	73.4	19.2	11.3	1.4	19.7	17.5	1.7	19.3	12.1	1.9	15.8	10.1	1.5	14.8	9.7	1.4	13.8	9.2	1.5	
	64.4	48.2	11.7	3.7	1.1	12.1	8.1	1.2	11.8	4.0	1.4	9.7	3.3	1.1	9.1	3.2	1.1	8.4	3.0	1.1
	53.6	12.1	2.4	1.1	12.5	5.3	1.3	12.3	2.6	1.4	10.0	2.2	1.2	9.4	2.1	1.1	8.8	2.0	1.1	
706	64.4	59.0	14.6	2.5	1.2	15.1	5.4	1.4	14.8	2.7	1.6	12.1	2.2	1.3	11.3	2.1	1.2	10.6	2.0	1.2
		53.6	14.6	5.7	1.3	15.0	12.2	1.5	14.7	6.1	1.6	12.0	5.1	1.4	11.3	4.8	1.3	10.5	4.6	1.3
		59.0	14.9	4.6	1.3	15.4	10.0	1.5	15.1	5.0	1.7	12.3	4.1	1.4	11.5	4.0	1.3	10.8	3.8	1.3
	69.8	66.2	17.3	3.7	1.4	17.9	7.9	1.6	17.5	3.9	1.8	14.3	3.3	1.5	13.4	3.1	1.4	12.5	3.0	1.4
		60.8	15.6	5.8	1.3	16.1	12.5	1.5	15.7	6.2	1.7	12.9	5.2	1.4	12.0	5.0	1.3	11.2	4.7	1.3
		66.2	17.7	5.7	1.4	18.3	12.2	1.7	17.9	6.1	1.8	14.6	5.1	1.5	13.7	4.8	1.4	12.8	4.6	1.4
	75.2	73.4	17.4	2.7	1.5	17.9	5.7	1.7	17.5	2.9	1.9	14.3	2.4	1.6	13.4	2.3	1.5	12.5	2.2	1.5
		60.8	16.3	7.3	1.4	16.8	15.7	1.6	16.4	7.8	1.8	13.4	6.5	1.5	12.6	6.2	1.4	11.7	5.9	1.4
		66.2	18.1	7.2	1.4	18.6	15.5	1.7	18.3	7.7	1.8	14.9	6.4	1.5	14.0	6.2	1.4	13.0	5.9	1.5
	80.6	73.4	19.2	4.9	1.5	19.7	10.5	1.7	19.3	5.3	1.9	15.8	4.4	1.5	14.8	4.2	1.5	13.8	4.0	1.5
		66.2	18.4	7.7	1.4	19.0	16.6	1.7	18.6	8.3	1.9	15.2	6.9	1.5	14.2	6.6	1.4	13.3	6.3	1.5
		60.8	17.1	8.1	1.4	17.7	17.5	1.6	17.3	8.7	1.8	14.1	7.3	1.5	13.2	6.9	1.4	12.4	6.4	1.4
	86.0	66.2	18.6	8.2	1.4	19.2	17.8	1.7	18.8	8.9	1.9	15.3	7.4	1.5	14.4	7.0	1.4	13.4	6.7	1.5
		73.4	19.5	6.7	1.5	20.1	14.6	1.7	19.7	7.2	1.9	16.1	6.0	1.6	15.1	5.8	1.5	14.1	5.5	1.5
		60.8	18.0	8.8	1.4	18.6	18.9	1.7	18.2	9.4	1.8	14.8	7.7	1.5	13.9	7.2	1.4	13.0	6.7	1.5
	89.6	66.2	19.2	9.2	1.5	19.7	19.9	1.7	19.3	9.9	1.9	15.8	8.2	1.5	14.8	7.7	1.5	13.8	7.2	1.5
		73.4	19.2	8.1	1.4	19.7	17.5	1.7	19.3	8.7	1.9	15.8	7.3	1.5	14.8	7.0	1.4	13.8	6.6	1.5

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD24NK3C1O Indoor Unit:GFH24K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			5			14			19.4			23			32		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
753	64.4	48.2	9.5	3.9	0.9	9.6	4.1	0.9	9.8	4.2	0.9	9.9	4.3	0.9	10.1	4.4	0.9
		53.6	9.9	2.6	0.9	10.0	2.6	0.9	10.2	2.7	0.9	10.3	2.8	1.0	10.5	2.9	1.0
		59.0	11.9	2.7	1.0	12.1	2.7	1.0	12.2	2.8	1.0	12.4	2.9	1.1	12.6	3.0	1.1
	69.8	53.6	11.8	6.0	1.0	12.0	6.2	1.1	12.2	6.3	1.1	12.4	6.5	1.1	12.5	6.7	1.1
		59.0	12.1	4.9	1.1	12.3	5.0	1.1	12.5	5.2	1.1	12.7	5.3	1.1	12.8	5.5	1.1
		66.2	14.1	3.9	1.2	14.3	4.0	1.2	14.5	4.1	1.2	14.7	4.2	1.2	14.9	4.3	1.2
	75.2	60.8	12.6	6.1	1.1	12.8	6.3	1.1	13.0	6.5	1.1	13.2	6.7	1.1	13.4	6.9	1.1
		66.2	14.4	6.0	1.2	14.6	6.1	1.2	14.8	6.3	1.2	15.0	6.5	1.2	15.2	6.7	1.2
		73.4	14.1	2.8	1.2	14.3	2.9	1.2	14.5	3.0	1.3	14.7	3.1	1.3	14.9	3.1	1.3
	80.6	60.8	13.2	7.7	1.1	13.4	7.9	1.2	13.6	8.1	1.2	13.8	8.4	1.2	14.0	8.6	1.2
		66.2	14.7	7.6	1.2	14.9	7.8	1.2	15.1	8.1	1.2	15.3	8.3	1.2	15.5	8.5	1.3
		73.4	15.5	5.2	1.2	15.8	5.3	1.2	16.0	5.5	1.2	16.2	5.6	1.3	16.5	5.8	1.3
	84.2	66.2	15.0	8.1	1.2	15.2	8.4	1.2	15.4	8.6	1.2	15.6	8.9	1.3	15.9	9.1	1.3
		60.8	13.9	8.6	1.2	14.1	8.8	1.2	14.3	9.1	1.2	14.5	9.3	1.2	14.7	9.6	1.2
		66.2	15.1	8.7	1.2	15.3	9.0	1.2	15.6	9.2	1.2	15.8	9.5	1.3	16.0	9.7	1.3
86.0	73.4	15.9	7.1	1.2	16.1	7.3	1.2	16.3	7.5	1.3	16.6	7.8	1.3	16.8	8.0	1.3	
	60.8	14.6	9.3	1.2	14.8	9.5	1.2	15.0	9.8	1.2	15.3	10.1	1.2	15.5	10.4	1.3	
	66.2	15.5	9.8	1.2	15.8	10.0	1.2	16.0	10.3	1.2	16.2	10.6	1.3	16.5	10.9	1.3	
89.6	73.4	17.2	9.5	1.2	17.5	9.8	1.3	17.7	10.1	1.3	18.0	10.4	1.3	18.3	10.6	1.3	
	64.4	48.2	10.0	4.3	0.9	10.2	4.5	0.9	10.3	4.6	0.9	10.5	4.7	0.9	10.6	4.9	0.9
		53.6	10.4	2.8	0.9	10.5	2.9	0.9	10.7	3.0	1.0	10.9	3.1	1.0	11.0	3.2	1.0
59.0		12.5	2.9	1.0	12.7	3.0	1.0	12.9	3.1	1.0	13.1	3.2	1.1	13.3	3.3	1.1	
69.8	53.6	12.5	6.6	1.1	12.6	6.8	1.1	12.8	7.0	1.1	13.0	7.2	1.1	13.2	7.4	1.1	
	59.0	12.8	5.4	1.1	12.9	5.5	1.1	13.1	5.7	1.1	13.3	5.9	1.1	13.5	6.0	1.2	
	66.2	14.8	4.3	1.2	15.1	4.4	1.2	15.3	4.5	1.2	15.5	4.6	1.2	15.7	4.8	1.2	
75.2	60.8	13.3	6.8	1.1	13.5	7.0	1.1	13.7	7.2	1.1	13.9	7.4	1.1	14.1	7.6	1.2	
	66.2	15.1	6.6	1.2	15.4	6.8	1.2	15.6	7.0	1.2	15.8	7.2	1.2	16.1	7.4	1.3	
	73.4	14.8	3.1	1.2	15.1	3.2	1.2	15.3	3.3	1.3	15.5	3.4	1.3	15.7	3.5	1.3	
80.6	60.8	13.9	8.4	1.2	14.1	8.7	1.2	14.3	8.9	1.2	14.5	9.2	1.2	14.7	9.5	1.2	
	66.2	15.4	8.4	1.2	15.7	8.6	1.2	15.9	8.9	1.2	16.2	9.1	1.3	16.4	9.4	1.3	
	73.4	16.4	5.7	1.2	16.6	5.9	1.2	16.9	6.0	1.3	17.1	6.2	1.3	17.4	6.4	1.3	
84.2	66.2	15.8	9.0	1.2	16.0	9.2	1.2	16.2	9.5	1.2	16.5	9.8	1.3	16.7	10.0	1.3	
	60.8	14.6	9.4	1.2	14.9	9.7	1.2	15.1	10.0	1.2	15.3	10.3	1.2	15.5	10.6	1.2	
	66.2	15.9	9.6	1.2	16.2	9.9	1.2	16.4	10.1	1.2	16.6	10.4	1.3	16.9	10.7	1.3	
86.0	73.4	16.7	7.8	1.2	17.0	8.1	1.2	17.2	8.3	1.3	17.5	8.5	1.3	17.7	8.8	1.3	
	60.8	15.4	10.2	1.2	15.6	10.5	1.2	15.9	10.8	1.2	16.1	11.1	1.3	16.3	11.4	1.3	
	66.2	16.4	10.7	1.2	16.6	11.1	1.2	16.9	11.4	1.3	17.1	11.7	1.3	17.4	12.0	1.3	
89.6	73.4	17.2	9.9	1.2	17.5	10.2	1.3	17.7	10.5	1.3	18.0	10.8	1.3	18.3	11.1	1.3	
	64.4	48.2	10.2	4.8	0.9	10.4	4.9	0.9	10.5	5.0	0.9	10.7	5.2	0.9	10.8	5.3	1.0
		53.6	10.6	3.1	0.9	10.8	3.2	0.9	10.9	3.3	1.0	11.1	3.4	1.0	11.2	3.5	1.0
59.0		12.8	3.2	1.0	13.0	3.3	1.0	13.2	3.4	1.1	13.3	3.5	1.1	13.5	3.6	1.1	
69.8	53.6	12.7	7.2	1.1	12.9	7.4	1.1	13.1	7.7	1.1	13.3	7.9	1.1	13.5	8.1	1.1	
	59.0	13.0	5.9	1.1	13.2	6.1	1.1	13.4	6.3	1.1	13.6	6.4	1.2	13.8	6.6	1.2	
	66.2	15.1	4.7	1.2	15.4	4.8	1.2	15.6	5.0	1.2	15.8	5.1	1.2	16.1	5.2	1.3	
75.2	60.8	13.6	7.4	1.1	13.8	7.6	1.1	14.0	7.9	1.1	14.2	8.1	1.2	14.4	8.3	1.2	
	66.2	15.4	7.2	1.2	15.7	7.4	1.2	15.9	7.6	1.2	16.2	7.8	1.3	16.4	8.1	1.3	
	73.4	15.1	3.4	1.2	15.4	3.5	1.3	15.6	3.6	1.3	15.8	3.7	1.3	16.1	3.8	1.3	
80.6	60.8	14.2	9.3	1.2	14.4	9.5	1.2	14.6	9.8	1.2	14.8	10.1	1.2	15.0	10.4	1.2	
	66.2	15.8	9.2	1.2	16.0	9.5	1.2	16.2	9.7	1.2	16.5	10.0	1.3	16.7	10.3	1.3	
	73.4	16.7	6.2	1.2	17.0	6.4	1.2	17.2	6.6	1.3	17.5	6.8	1.3	17.7	7.0	1.3	
84.2	66.2	16.1	9.8	1.2	16.3	10.1	1.2	16.6	10.4	1.3	16.8	10.7	1.3	17.1	11.0	1.3	
	60.8	14.9	10.3	1.2	15.2	10.6	1.2	15.4	11.0	1.2	15.6	11.3	1.2	15.8	11.6	1.3	
	66.2	16.2	10.5	1.2	16.5	10.8	1.2	16.7	11.1	1.3	17.0	11.4	1.3	17.2	11.8	1.3	
86.0	73.4	17.0	8.6	1.2	17.3	8.9	1.3	17.6	9.1	1.3	17.8	9.4	1.3	18.1	9.6	1.3	
	60.8	15.7	11.2	1.2	15.9	11.5	1.2	16.2	11.9	1.2	16.4	12.2	1.3	16.7	12.5	1.3	
	66.2	16.7	11.8	1.2	17.0	12.1	1.2	17.2	12.5	1.3	17.5	12.8	1.3	17.7	13.2	1.3	
89.6	73.4	17.2	10.7	1.2	17.5	11.0	1.3	17.7	11.3	1.3	18.0	11.6	1.3	18.3	12.0	1.3	

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			5			14			19.4			23			32		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1036	64.4	48.2	10.4	3.5	0.9	10.6	3.6	0.9	10.7	3.7	0.9	10.9	3.8	0.9	11.1	3.9	1.0
		53.6	10.8	2.3	0.9	11.0	2.4	1.0	11.1	2.4	1.0	11.3	2.5	1.0	11.5	2.6	1.0
		59.0	13.0	2.4	1.0	13.2	2.4	1.0	13.4	2.5	1.1	13.6	2.6	1.1	13.8	2.6	1.1
	69.8	53.6	13.0	5.3	1.1	13.2	5.5	1.1	13.4	5.6	1.1	13.6	5.8	1.1	13.8	5.9	1.2
		59.0	13.3	4.3	1.1	13.5	4.5	1.1	13.7	4.6	1.1	13.9	4.7	1.2	14.1	4.9	1.2
		66.2	15.4	3.4	1.2	15.7	3.5	1.2	15.9	3.6	1.2	16.1	3.7	1.3	16.4	3.8	1.3
	75.2	60.8	13.9	5.4	1.1	14.1	5.6	1.1	14.3	5.8	1.1	14.5	5.9	1.2	14.7	6.1	1.2
		66.2	15.8	5.3	1.2	16.0	5.4	1.2	16.2	5.6	1.2	16.5	5.8	1.3	16.7	5.9	1.3
		73.4	15.4	2.5	1.2	15.7	2.6	1.3	15.9	2.6	1.3	16.1	2.7	1.3	16.4	2.8	1.3
	80.6	60.8	14.5	6.8	1.2	14.7	7.0	1.2	14.9	7.2	1.2	15.1	7.4	1.2	15.3	7.6	1.3
		66.2	16.1	6.8	1.2	16.3	6.9	1.2	16.6	7.1	1.3	16.8	7.4	1.3	17.1	7.6	1.3
		73.4	17.0	4.6	1.2	17.3	4.7	1.3	17.6	4.9	1.3	17.8	5.0	1.3	18.1	5.1	1.3
	84.2	66.2	16.4	7.2	1.2	16.6	7.4	1.2	16.9	7.7	1.3	17.1	7.9	1.3	17.4	8.1	1.3
		60.8	15.2	7.6	1.2	15.5	7.8	1.2	15.7	8.0	1.2	15.9	8.3	1.3	16.2	8.5	1.3
		66.2	16.6	7.7	1.2	16.8	7.9	1.2	17.1	8.2	1.3	17.3	8.4	1.3	17.6	8.6	1.3
	86.0	73.4	17.4	6.3	1.2	17.7	6.5	1.3	17.9	6.7	1.3	18.2	6.9	1.3	18.4	7.1	1.3
		60.8	16.0	8.2	1.2	16.3	8.5	1.2	16.5	8.7	1.3	16.7	9.0	1.3	17.0	9.2	1.3
		66.2	17.0	8.7	1.2	17.3	8.9	1.3	17.6	9.2	1.3	17.8	9.4	1.3	18.1	9.7	1.3
1130	64.4	48.2	10.5	2.5	0.9	10.7	2.6	0.9	10.8	2.7	0.9	11.0	2.8	1.0	11.2	2.8	1.0
		53.6	10.9	1.7	0.9	11.1	1.7	1.0	11.2	1.8	1.0	11.4	1.8	1.0	11.6	1.9	1.0
		59.0	13.2	1.7	1.0	13.4	1.8	1.1	13.5	1.8	1.1	13.7	1.9	1.1	13.9	1.9	1.1
	69.8	53.6	13.1	3.9	1.1	13.3	4.0	1.1	13.5	4.1	1.1	13.7	4.2	1.2	13.9	4.3	1.2
		59.0	13.4	3.2	1.1	13.6	3.2	1.1	13.8	3.3	1.2	14.0	3.4	1.2	14.2	3.5	1.2
		66.2	15.6	2.5	1.2	15.8	2.6	1.2	16.1	2.6	1.2	16.3	2.7	1.3	16.5	2.8	1.3
	75.2	60.8	14.0	4.0	1.1	14.2	4.1	1.1	14.4	4.2	1.2	14.6	4.3	1.2	14.9	4.4	1.2
		66.2	15.9	3.8	1.2	16.2	4.0	1.2	16.4	4.1	1.3	16.6	4.2	1.3	16.9	4.3	1.3
		73.4	15.6	1.8	1.3	15.8	1.9	1.3	16.1	1.9	1.3	16.3	2.0	1.3	16.5	2.0	1.4
	80.6	60.8	14.6	4.9	1.2	14.8	5.1	1.2	15.1	5.2	1.2	15.3	5.4	1.3	15.5	5.5	1.3
		66.2	16.2	4.9	1.2	16.5	5.1	1.2	16.7	5.2	1.3	17.0	5.3	1.3	17.2	5.5	1.3
		73.4	17.2	3.3	1.2	17.5	3.4	1.3	17.7	3.5	1.3	18.0	3.6	1.3	18.3	3.7	1.3
	84.2	66.2	16.6	5.3	1.2	16.8	5.4	1.3	17.1	5.6	1.3	17.3	5.7	1.3	17.6	5.9	1.3
		60.8	15.4	5.5	1.2	15.6	5.7	1.2	15.9	5.9	1.2	16.1	6.0	1.3	16.3	6.2	1.3
		66.2	16.7	5.6	1.2	17.0	5.8	1.3	17.2	5.9	1.3	17.5	6.1	1.3	17.7	6.3	1.3
	86.0	73.4	17.6	4.6	1.3	17.8	4.7	1.3	18.1	4.9	1.3	18.4	5.0	1.3	18.6	5.1	1.4
		60.8	16.2	6.0	1.2	16.4	6.2	1.2	16.7	6.3	1.3	16.9	6.5	1.3	17.2	6.7	1.3
		66.2	17.2	6.3	1.2	17.5	6.5	1.3	17.7	6.7	1.3	18.0	6.9	1.3	18.3	7.0	1.3
89.6	73.4	17.2	5.5	1.2	17.5	5.7	1.3	17.7	5.9	1.3	18.0	6.0	1.3	18.3	6.2	1.3	

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AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			41			50			59			64.4			69.8			77		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
753	64.4	48.2	10.2	4.5	0.9	10.4	4.7	1.0	10.5	4.8	1.0	10.8	5.0	1.0	11.5	5.6	1.1	13.4	6.9	1.2
		53.6	10.6	3.0	1.0	10.8	3.0	1.0	10.9	3.1	1.0	11.2	3.2	1.1	11.9	3.7	1.2	13.9	4.5	1.2
		59.0	12.8	3.0	1.1	13.0	3.1	1.1	13.1	3.2	1.1	13.5	3.3	1.2	14.4	3.8	1.3	16.7	4.7	1.4
	69.8	53.6	12.7	6.9	1.1	12.9	7.1	1.2	13.1	7.3	1.2	13.4	7.6	1.2	14.3	8.6	1.3	16.7	10.5	1.4
		59.0	13.0	5.6	1.2	13.2	5.8	1.2	13.4	5.9	1.2	13.8	6.2	1.3	14.7	7.0	1.4	17.1	8.6	1.5
		66.2	15.1	4.5	1.3	15.4	4.6	1.3	15.6	4.7	1.3	16.0	4.9	1.4	17.1	5.5	1.5	19.8	6.8	1.6
	75.2	60.8	13.6	7.1	1.2	13.8	7.3	1.2	14.0	7.5	1.2	14.4	7.8	1.3	15.3	8.8	1.4	17.8	10.8	1.5
		66.2	15.5	6.9	1.3	15.7	7.1	1.3	15.9	7.2	1.3	16.3	7.5	1.4	17.4	8.5	1.5	20.2	10.5	1.6
		73.4	15.1	3.2	1.3	15.4	3.3	1.3	15.6	3.4	1.4	16.0	3.5	1.4	17.1	4.0	1.5	19.8	4.9	1.6
	80.6	60.8	14.2	8.8	1.2	14.4	9.1	1.3	14.6	9.3	1.3	15.0	9.7	1.3	16.0	11.0	1.5	18.6	13.5	1.6
		66.2	15.8	8.8	1.3	16.0	9.0	1.3	16.2	9.2	1.3	16.7	9.6	1.4	17.8	10.9	1.5	20.7	13.4	1.6
		73.4	16.7	5.9	1.3	17.0	6.1	1.3	17.2	6.3	1.4	17.7	6.5	1.4	18.8	7.4	1.5	21.9	9.1	1.6
	84.2	66.2	16.1	9.4	1.3	16.3	9.6	1.3	16.5	9.9	1.3	17.0	10.3	1.4	18.1	11.7	1.5	21.1	14.4	1.6
		60.8	14.9	9.9	1.3	15.2	10.1	1.3	15.4	10.4	1.3	15.8	10.8	1.4	16.8	12.3	1.5	19.6	15.1	1.6
		66.2	16.2	10.0	1.3	16.5	10.3	1.3	16.7	10.6	1.3	17.2	11.0	1.4	18.3	12.4	1.5	21.3	15.3	1.6
86.0	73.4	17.1	8.2	1.3	17.3	8.4	1.3	17.5	8.6	1.4	18.0	9.0	1.4	19.2	10.2	1.5	22.3	12.5	1.7	
	60.8	15.7	10.7	1.3	15.9	11.0	1.3	16.2	11.2	1.3	16.6	11.7	1.4	17.7	13.3	1.5	20.6	16.3	1.6	
	66.2	16.7	11.2	1.3	17.0	11.5	1.3	17.2	11.8	1.4	17.7	12.3	1.4	18.8	14.0	1.5	21.9	17.2	1.6	
89.6	73.4	18.5	10.9	1.3	18.8	11.2	1.4	19.0	11.5	1.4	19.6	12.0	1.5	20.9	13.6	1.6	24.3	16.8	1.7	
	48.2	10.8	5.0	1.0	10.9	5.1	1.0	11.1	5.3	1.0	11.4	5.5	1.0	12.1	6.2	1.1	14.1	7.6	1.2	
	53.6	11.2	3.3	1.0	11.3	3.3	1.0	11.5	3.4	1.0	11.8	3.6	1.1	12.6	4.1	1.2	14.6	5.0	1.3	
848	64.4	59.0	13.5	3.4	1.1	13.7	3.4	1.1	13.8	3.5	1.1	14.2	3.7	1.2	15.2	4.2	1.3	17.6	5.1	1.4
		53.6	13.4	7.6	1.2	13.6	7.8	1.2	13.8	8.0	1.2	14.2	8.3	1.3	15.1	9.4	1.3	17.6	11.6	1.4
		59.0	13.7	6.2	1.2	13.9	6.4	1.2	14.1	6.5	1.2	14.5	6.8	1.3	15.5	7.7	1.4	18.0	9.5	1.5
	69.8	66.2	16.0	4.9	1.3	16.2	5.0	1.3	16.4	5.2	1.3	16.9	5.4	1.4	18.0	6.1	1.5	20.9	7.5	1.6
		60.8	14.3	7.8	1.2	14.5	8.0	1.2	14.7	8.2	1.2	15.1	8.5	1.3	16.1	9.7	1.4	18.8	11.9	1.5
		66.2	16.3	7.6	1.3	16.5	7.8	1.3	16.7	8.0	1.3	17.2	8.3	1.4	18.4	9.4	1.5	21.3	11.6	1.6
	75.2	73.4	16.0	3.6	1.3	16.2	3.7	1.4	16.4	3.8	1.4	16.9	3.9	1.4	18.0	4.4	1.6	20.9	5.4	1.7
		60.8	15.0	9.7	1.3	15.2	10.0	1.3	15.4	10.2	1.3	15.8	10.7	1.4	16.9	12.1	1.5	19.6	14.9	1.6
		66.2	16.6	9.6	1.3	16.9	9.9	1.3	17.1	10.2	1.3	17.6	10.6	1.4	18.7	12.0	1.5	21.8	14.8	1.6
	80.6	73.4	17.6	6.5	1.3	17.9	6.7	1.3	18.1	6.9	1.4	18.6	7.2	1.4	19.8	8.1	1.5	23.1	10.0	1.7
		66.2	17.0	10.3	1.3	17.2	10.6	1.3	17.4	10.9	1.4	17.9	11.3	1.4	19.1	12.8	1.5	22.2	15.8	1.6
		60.8	15.7	10.8	1.3	16.0	11.1	1.3	16.2	11.4	1.3	16.6	11.9	1.4	17.7	13.5	1.5	20.6	16.6	1.6
	86.0	66.2	17.1	11.0	1.3	17.4	11.3	1.3	17.6	11.6	1.4	18.1	12.1	1.4	19.3	13.7	1.5	22.4	16.9	1.6
		73.4	18.0	9.0	1.3	18.2	9.3	1.4	18.5	9.5	1.4	19.0	9.9	1.4	20.3	11.2	1.6	23.5	13.8	1.7
		60.8	16.6	11.7	1.3	16.8	12.1	1.3	17.0	12.4	1.3	17.5	12.9	1.4	18.7	14.6	1.5	21.7	18.0	1.6
89.6	66.2	17.6	12.4	1.3	17.9	12.7	1.3	18.1	13.0	1.4	18.6	13.6	1.4	19.8	15.4	1.5	23.1	18.9	1.7	
	73.4	18.5	11.4	1.3	18.8	11.7	1.4	19.0	12.1	1.4	19.6	12.5	1.5	20.9	14.2	1.6	24.3	17.5	1.7	
	48.2	11.0	5.5	1.0	11.1	5.6	1.0	11.3	5.8	1.0	11.6	6.0	1.0	12.4	6.8	1.1	14.4	8.4	1.2	
942	64.4	53.6	11.4	3.6	1.0	11.6	3.7	1.0	11.7	3.8	1.0	12.0	3.9	1.1	12.8	4.4	1.2	14.9	5.5	1.3
		59.0	13.7	3.7	1.1	13.9	3.8	1.1	14.1	3.9	1.1	14.5	4.0	1.2	15.5	4.6	1.3	18.0	5.6	1.4
		53.6	13.7	8.3	1.2	13.9	8.5	1.2	14.1	8.8	1.2	14.4	9.1	1.3	15.4	10.3	1.4	17.9	12.7	1.5
	69.8	59.0	14.0	6.8	1.2	14.2	7.0	1.2	14.4	7.2	1.2	14.8	7.5	1.3	15.8	8.5	1.4	18.3	10.4	1.5
		66.2	16.3	5.4	1.3	16.5	5.5	1.3	16.7	5.7	1.3	17.2	5.9	1.4	18.3	6.7	1.5	21.3	8.2	1.6
		60.8	14.6	8.5	1.2	14.8	8.8	1.2	15.0	9.0	1.2	15.4	9.4	1.3	16.5	10.6	1.4	19.2	13.1	1.5
	75.2	66.2	16.6	8.3	1.3	16.9	8.5	1.3	17.1	8.7	1.3	17.6	9.1	1.4	18.7	10.3	1.5	21.8	12.7	1.6
		73.4	16.3	3.9	1.3	16.5	4.0	1.4	16.7	4.1	1.4	17.2	4.3	1.5	18.4	4.9	1.6	21.3	6.0	1.7
		60.8	15.3	10.7	1.3	15.5	11.0	1.3	15.7	11.2	1.3	16.1	11.7	1.4	17.2	13.3	1.5	20.0	16.3	1.6
	80.6	66.2	17.0	10.6	1.3	17.2	10.9	1.3	17.4	11.2	1.4	17.9	11.6	1.4	19.1	13.2	1.5	22.2	16.2	1.6
		73.4	18.0	7.2	1.3	18.2	7.4	1.4	18.5	7.6	1.4	19.0	7.9	1.4	20.3	8.9	1.6	23.5	11.0	1.7
		66.2	17.3	11.3	1.3	17.5	11.6	1.3	17.8	11.9	1.4	18.3	12.4	1.4	19.5	14.1	1.5	22.7	17.3	1.7
	84.2	60.8	16.1	11.9	1.3	16.3	12.2	1.3	16.5	12.6	1.3	17.0	13.1	1.4	18.1	14.8	1.5	21.0	18.2	1.6
		66.2	17.5	12.1	1.3	17.7	12.4	1.3	18.0	12.8	1.4	18.5	13.3	1.4	19.7	15.0	1.5	22.9	18.5	1.7
		73.4	18.3	9.9	1.3	18.6	10.2	1.4	18.9	10.4	1.4	19.4	10.9	1.5	20.7	12.3	1.6	24.0	15.2	1.7
86.0	60.8	16.9	12.9	1.3	17.1	13.2	1.3	17.4	13.6	1.4	17.8	14.1	1.4	19.0	16.0	1.5	22.1	19.7	1.6	
	66.2	18.0	13.6	1.3	18.2	13.9	1.4	18.5	14.3	1.4	19.0	14.9	1.4	20.3	16.9	1.6	23.5	20.8	1.7	
	73.4	18.5	12.3	1.3	18.8	12.6	1.4	19.0	13.0	1.4	19.6	13.5	1.5	20.9	15.3	1.6	24.3	18.8	1.7	

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			41			50			59			64.4			69.8			77		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1036	64.4	48.2	11.2	4.0	1.0	11.4	4.1	1.0	11.5	4.2	1.0	11.8	4.4	1.1	12.6	5.0	1.1	14.7	6.2	1.2
		53.6	11.6	2.6	1.0	11.8	2.7	1.0	12.0	2.8	1.1	12.3	2.9	1.1	13.1	3.3	1.2	15.2	4.0	1.3
		59.0	14.0	2.7	1.1	14.2	2.8	1.1	14.4	2.9	1.2	14.8	3.0	1.2	15.8	3.4	1.3	18.4	4.1	1.4
	69.8	53.6	13.9	6.1	1.2	14.1	6.3	1.2	14.3	6.4	1.2	14.7	6.7	1.3	15.7	7.6	1.4	18.3	9.4	1.5
		59.0	14.3	5.0	1.2	14.5	5.1	1.2	14.7	5.3	1.2	15.1	5.5	1.3	16.1	6.2	1.4	18.7	7.6	1.5
		66.2	16.6	4.0	1.3	16.8	4.1	1.3	17.1	4.2	1.3	17.5	4.3	1.4	18.7	4.9	1.5	21.8	6.1	1.6
	75.2	60.8	14.9	6.3	1.2	15.1	6.4	1.2	15.3	6.6	1.2	15.8	6.9	1.3	16.8	7.8	1.4	19.5	9.6	1.5
		66.2	17.0	6.1	1.3	17.2	6.3	1.3	17.4	6.4	1.4	17.9	6.7	1.4	19.1	7.6	1.5	22.2	9.3	1.6
		73.4	16.6	2.9	1.4	16.8	2.9	1.4	17.1	3.0	1.4	17.5	3.1	1.5	18.7	3.6	1.6	21.8	4.4	1.7
	80.6	60.8	15.6	7.8	1.3	15.8	8.0	1.3	16.0	8.3	1.3	16.4	8.6	1.4	17.5	9.7	1.5	20.4	12.0	1.6
		66.2	17.3	7.8	1.3	17.5	8.0	1.3	17.8	8.2	1.4	18.3	8.5	1.4	19.5	9.7	1.5	22.7	11.9	1.7
		73.4	18.3	5.3	1.3	18.6	5.4	1.4	18.9	5.6	1.4	19.4	5.8	1.5	20.7	6.6	1.6	24.0	8.1	1.7
	84.2	66.2	17.6	8.3	1.3	17.9	8.5	1.4	18.1	8.8	1.4	18.6	9.1	1.4	19.9	10.3	1.6	23.1	12.7	1.7
		60.8	16.4	8.7	1.3	16.6	9.0	1.3	16.9	9.2	1.3	17.3	9.6	1.4	18.5	10.9	1.5	21.5	13.4	1.6
		66.2	17.8	8.9	1.3	18.1	9.1	1.4	18.3	9.4	1.4	18.8	9.7	1.4	20.1	11.0	1.6	23.3	13.6	1.7
	86.0	73.4	18.7	7.3	1.4	19.0	7.5	1.4	19.2	7.7	1.4	19.8	8.0	1.5	21.1	9.0	1.6	24.5	11.1	1.7
		60.8	17.2	9.5	1.3	17.5	9.7	1.3	17.7	10.0	1.4	18.2	10.4	1.4	19.4	11.8	1.5	22.6	14.5	1.7
		66.2	18.3	10.0	1.3	18.6	10.2	1.4	18.9	10.5	1.4	19.4	10.9	1.5	20.7	12.4	1.6	24.0	15.3	1.7
1130	64.4	73.4	18.5	8.9	1.3	18.8	9.1	1.4	19.0	9.3	1.4	19.6	9.7	1.5	20.9	11.0	1.6	24.3	13.6	1.7
		48.2	11.3	2.9	1.0	11.5	3.0	1.0	11.6	3.1	1.0	12.0	3.2	1.1	12.8	3.6	1.2	14.8	4.5	1.2
		53.6	11.7	1.9	1.0	11.9	2.0	1.0	12.1	2.0	1.1	12.4	2.1	1.1	13.2	2.4	1.2	15.4	2.9	1.3
	69.8	59.0	14.1	2.0	1.1	14.3	2.0	1.2	14.5	2.1	1.2	14.9	2.2	1.2	15.9	2.4	1.3	18.5	3.0	1.4
		53.6	14.1	4.4	1.2	14.3	4.6	1.2	14.5	4.7	1.2	14.9	4.9	1.3	15.9	5.5	1.4	18.4	6.8	1.5
		59.0	14.4	3.6	1.2	14.6	3.7	1.2	14.8	3.8	1.3	15.2	4.0	1.3	16.2	4.5	1.4	18.9	5.6	1.5
	75.2	66.2	16.8	2.9	1.3	17.0	3.0	1.3	17.2	3.0	1.4	17.7	3.2	1.4	18.9	3.6	1.5	22.0	4.4	1.6
		60.8	15.1	4.6	1.2	15.3	4.7	1.2	15.5	4.8	1.3	15.9	5.0	1.3	17.0	5.7	1.4	19.7	7.0	1.5
		66.2	17.1	4.4	1.3	17.4	4.5	1.3	17.6	4.7	1.4	18.1	4.9	1.4	19.3	5.5	1.5	22.4	6.8	1.7
	80.6	73.4	16.8	2.1	1.4	17.0	2.1	1.4	17.2	2.2	1.4	17.7	2.3	1.5	18.9	2.6	1.6	22.0	3.2	1.7
		60.8	15.7	5.7	1.3	15.9	5.8	1.3	16.2	6.0	1.3	16.6	6.2	1.4	17.7	7.1	1.5	20.6	8.7	1.6
		66.2	17.5	5.6	1.3	17.7	5.8	1.4	18.0	6.0	1.4	18.5	6.2	1.4	19.7	7.0	1.6	22.9	8.6	1.7
	84.2	73.4	18.5	3.8	1.4	18.8	3.9	1.4	19.0	4.0	1.4	19.6	4.2	1.5	20.9	4.8	1.6	24.3	5.9	1.7
		66.2	17.8	6.0	1.3	18.1	6.2	1.4	18.3	6.4	1.4	18.8	6.6	1.5	20.1	7.5	1.6	23.3	9.3	1.7
		60.8	16.6	6.4	1.3	16.8	6.5	1.3	17.0	6.7	1.4	17.5	7.0	1.4	18.6	7.9	1.5	21.7	9.7	1.6
	86.0	66.2	18.0	6.5	1.3	18.2	6.6	1.4	18.5	6.8	1.4	19.0	7.1	1.5	20.3	8.0	1.6	23.6	9.9	1.7
		73.4	18.9	5.3	1.4	19.2	5.4	1.4	19.4	5.6	1.4	20.0	5.8	1.5	21.3	6.6	1.6	24.7	8.1	1.7
		60.8	17.4	6.9	1.3	17.6	7.1	1.4	17.9	7.3	1.4	18.4	7.5	1.4	19.6	8.6	1.6	22.8	10.5	1.7
89.6	66.2	18.5	7.2	1.4	18.8	7.4	1.4	19.0	7.6	1.4	19.6	7.9	1.5	20.9	9.0	1.6	24.3	11.1	1.7	
	73.4	18.5	6.4	1.3	18.8	6.5	1.4	19.0	6.7	1.4	19.6	7.0	1.5	20.9	7.9	1.6	24.3	9.8	1.7	

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AFR	Indoor temperature		Outdoor temperature DB (°F)																		
			86			95			102.2			109.4			114.8			118.4			
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
753	64.4	48.2	14.0	7.6	1.3	14.4	8.3	1.6	14.1	8.2	1.7	11.5	6.8	1.4	10.8	6.5	1.3	10.1	6.2	1.4	
		53.6	14.5	5.0	1.4	14.9	5.4	1.7	14.6	5.4	1.8	11.9	4.5	1.5	11.2	4.3	1.4	10.5	4.1	1.4	
		59.0	17.5	5.1	1.5	18.0	5.6	1.8	17.6	5.5	2.0	14.4	4.6	1.6	13.5	4.4	1.5	12.6	4.2	1.6	
	69.8	53.6	17.4	11.6	1.6	17.9	12.6	1.9	17.6	12.5	2.1	14.3	10.4	1.7	13.4	9.9	1.6	12.5	9.4	1.7	
		59.0	17.8	9.5	1.7	18.3	10.3	1.9	18.0	10.2	2.1	14.7	8.5	1.8	13.8	8.1	1.7	12.8	7.7	1.7	
		66.2	20.7	7.5	1.8	21.3	8.1	2.1	20.9	8.1	2.3	17.1	6.7	1.9	16.0	6.4	1.8	14.9	6.1	1.8	
	75.2	60.8	18.6	11.9	1.7	19.2	12.9	1.9	18.8	12.8	2.1	15.3	10.7	1.8	14.4	10.2	1.7	13.4	9.7	1.7	
		66.2	21.1	11.6	1.8	21.8	12.6	2.1	21.3	12.4	2.3	17.4	10.3	1.9	16.3	9.9	1.8	15.2	9.4	1.8	
		73.4	20.7	5.4	1.9	21.3	5.9	2.2	20.9	5.8	2.4	17.1	4.9	2.0	16.0	4.7	1.9	14.9	4.4	1.9	
	80.6	60.8	19.4	14.9	1.8	20.0	16.1	2.1	19.6	16.0	2.3	16.0	13.3	1.9	15.0	12.7	1.8	14.0	12.1	1.8	
		66.2	21.5	14.8	1.8	22.2	16.0	2.1	21.8	15.8	2.3	17.8	13.2	1.9	16.7	12.6	1.8	15.5	12.0	1.9	
		73.4	22.8	10.0	1.9	23.5	10.9	2.2	23.1	10.8	2.4	18.8	9.0	2.0	17.7	8.6	1.9	16.5	8.1	1.9	
	84.2	66.2	22.0	15.8	1.8	22.7	17.1	2.2	22.2	17.0	2.4	18.1	14.1	1.9	17.0	13.5	1.8	15.9	12.8	1.9	
		60.8	20.4	16.6	1.8	21.0	18.0	2.1	20.6	17.8	2.3	16.8	14.8	1.9	15.8	14.0	1.8	14.7	13.1	1.8	
		66.2	22.2	16.9	1.8	22.9	18.3	2.2	22.4	18.1	2.4	18.3	15.1	1.9	17.2	14.4	1.8	16.0	13.7	1.9	
	86.0	73.4	23.3	13.8	1.9	24.0	15.0	2.2	23.5	14.8	2.4	19.2	12.4	2.0	18.0	11.8	1.9	16.8	11.2	1.9	
		60.8	21.5	18.0	1.8	22.1	19.5	2.1	21.7	19.3	2.3	17.7	15.8	1.9	16.6	14.8	1.8	15.5	13.8	1.9	
		66.2	22.8	18.9	1.9	23.5	20.5	2.2	23.1	20.3	2.4	18.8	16.8	2.0	17.7	15.7	1.9	16.5	14.7	1.9	
89.6	73.4	25.3	18.4	1.9	26.1	20.0	2.2	25.6	19.8	2.4	20.9	16.5	2.0	19.6	15.8	1.9	18.3	15.0	2.0		
	848	64.4	48.2	14.7	8.4	1.4	15.2	9.1	1.6	14.9	9.0	1.7	12.1	7.5	1.4	11.4	7.2	1.4	10.6	6.8	1.4
			53.6	15.3	5.5	1.4	15.7	6.0	1.7	15.4	5.9	1.8	12.6	4.9	1.5	11.8	4.7	1.4	11.0	4.5	1.5
59.0			18.4	5.7	1.6	19.0	6.1	1.8	18.6	6.1	2.0	15.2	5.1	1.7	14.2	4.8	1.6	13.3	4.6	1.6	
69.8		53.6	18.3	12.8	1.6	18.9	13.9	1.9	18.5	13.7	2.1	15.1	11.4	1.7	14.2	10.9	1.6	13.2	10.4	1.7	
		59.0	18.7	10.5	1.7	19.3	11.3	2.0	18.9	11.2	2.1	15.5	9.3	1.8	14.5	8.9	1.7	13.5	8.5	1.7	
		66.2	21.8	8.3	1.8	22.5	9.0	2.1	22.0	8.9	2.3	18.0	7.4	1.9	16.9	7.1	1.8	15.7	6.7	1.8	
75.2		60.8	19.6	13.1	1.7	20.2	14.2	2.0	19.8	14.1	2.1	16.1	11.7	1.8	15.1	11.2	1.7	14.1	10.7	1.7	
		66.2	22.3	12.7	1.8	22.9	13.8	2.1	22.5	13.7	2.3	18.4	11.4	1.9	17.2	10.9	1.8	16.1	10.4	1.9	
		73.4	21.8	6.0	1.9	22.5	6.5	2.2	22.0	6.4	2.4	18.0	5.4	2.0	16.9	5.1	1.9	15.7	4.9	1.9	
80.6		60.8	20.4	16.4	1.8	21.1	17.8	2.1	20.6	17.6	2.3	16.9	14.6	1.9	15.8	14.0	1.8	14.7	13.3	1.8	
		66.2	22.7	16.2	1.8	23.4	17.6	2.2	22.9	17.5	2.4	18.7	14.5	1.9	17.6	13.9	1.8	16.4	13.2	1.9	
		73.4	24.1	11.0	1.9	24.8	12.0	2.2	24.3	11.8	2.4	19.8	9.9	2.0	18.6	9.4	1.9	17.4	9.0	1.9	
84.2		66.2	23.2	17.4	1.9	23.9	18.9	2.2	23.4	18.7	2.4	19.1	15.6	2.0	17.9	14.9	1.9	16.7	14.1	1.9	
		60.8	21.5	18.3	1.8	22.2	19.8	2.1	21.7	19.6	2.3	17.7	16.4	1.9	16.6	15.5	1.8	15.5	14.4	1.8	
		66.2	23.4	18.6	1.9	24.1	20.2	2.2	23.6	20.0	2.4	19.3	16.6	2.0	18.1	15.9	1.9	16.9	15.1	1.9	
86.0		73.4	24.6	15.2	1.9	25.3	16.5	2.2	24.8	16.3	2.4	20.3	13.6	2.0	19.0	13.0	1.9	17.7	12.4	1.9	
		60.8	22.6	19.8	1.8	23.3	21.5	2.2	22.9	21.3	2.4	18.7	17.4	1.9	17.5	16.3	1.8	16.3	15.2	1.9	
		66.2	24.1	20.8	1.9	24.8	22.6	2.2	24.3	22.4	2.4	19.8	18.5	2.0	18.6	17.3	1.9	17.4	16.2	1.9	
89.6	73.4	25.3	19.3	1.9	26.1	20.9	2.2	25.6	20.7	2.4	20.9	17.2	2.0	19.6	16.5	1.9	18.3	15.7	2.0		
	942	64.4	48.2	15.0	9.2	1.4	15.5	10.0	1.6	15.2	9.9	1.8	12.4	8.3	1.5	11.6	7.9	1.4	10.8	7.5	1.4
			53.6	15.6	6.0	1.4	16.1	6.5	1.7	15.7	6.5	1.8	12.8	5.4	1.5	12.0	5.2	1.4	11.2	4.9	1.5
59.0			18.8	6.2	1.6	19.3	6.7	1.9	19.0	6.7	2.0	15.5	5.6	1.7	14.5	5.3	1.6	13.5	5.0	1.6	
69.8		53.6	18.7	14.0	1.7	19.3	15.2	1.9	18.9	15.1	2.1	15.4	12.5	1.7	14.4	12.0	1.7	13.5	11.4	1.7	
		59.0	19.1	11.5	1.7	19.7	12.4	2.0	19.3	12.3	2.2	15.8	10.3	1.8	14.8	9.8	1.7	13.8	9.3	1.7	
		66.2	22.2	9.1	1.8	22.9	9.8	2.1	22.5	9.7	2.3	18.3	8.1	1.9	17.2	7.8	1.8	16.1	7.4	1.9	
75.2		60.8	20.0	14.4	1.7	20.6	15.6	2.0	20.2	15.5	2.2	16.5	12.9	1.8	15.4	12.3	1.7	14.4	11.7	1.7	
		66.2	22.7	14.0	1.8	23.4	15.2	2.2	22.9	15.0	2.4	18.7	12.5	1.9	17.6	11.9	1.8	16.4	11.4	1.9	
		73.4	22.3	6.6	1.9	22.9	7.1	2.2	22.5	7.1	2.4	18.4	5.9	2.0	17.2	5.6	1.9	16.1	5.3	2.0	
80.6		60.8	20.9	18.0	1.8	21.5	19.5	2.1	21.1	19.3	2.3	17.2	16.1	1.9	16.1	15.4	1.8	15.0	14.6	1.8	
		66.2	23.2	17.8	1.9	23.9	19.3	2.2	23.4	19.1	2.4	19.1	15.9	2.0	17.9	15.2	1.9	16.7	14.5	1.9	
		73.4	24.6	12.1	1.9	25.3	13.1	2.2	24.8	13.0	2.4	20.3	10.8	2.0	19.0	10.3	1.9	17.7	9.8	1.9	
84.2		66.2	23.6	19.1	1.9	24.4	20.7	2.2	23.9	20.5	2.4	19.5	17.1	2.0	18.3	16.3	1.9	17.1	15.5	1.9	
		60.8	22.0	20.1	1.8	22.6	21.8	2.1	22.2	21.6	2.3	18.1	17.9	1.9	17.0	17.0	1.8	15.8	15.8	1.9	
		66.2	23.9	20.4	1.9	24.6	22.1	2.2	24.1	21.9	2.4	19.7	18.2	2.0	18.5	17.4	1.9	17.2	16.6	1.9	
86.0		73.4	25.1	16.7	1.9	25.8	18.1	2.2	25.3	17.9	2.4	20.7	14.9	2.0	19.4	14.3	1.9	18.1	13.6	2.0	
		60.8	23.1	21.7	1.9	23.8	23.6	2.2	23.3	23.3	2.4	19.0	19.0	2.0	17.8	17.8	1.9	16.7	16.7	1.9	
		66.2	24.6	22.9	1.9	25.3	24.8	2.2	24.8	24.6	2.4	20.3	20.3	2.0	19.0	19.0	1.9	17.7	17.7	1.9	
89.6	73.4	25.3	20.7	1.9	26.1	22.5	2.2	25.6	22.3	2.4	20.9	18.5	2.0	19.6	17.7	1.9	18.3	16.8	2.0		

AFR	Indoor temperature		Outdoor temperature DB (°F)																		
			86			95			102.2			109.4			114.8			118.4			
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1036	64.4	48.2	15.3	6.8	1.4	15.8	10.5	1.6	15.5	7.3	1.8	12.6	6.1	1.5	11.8	5.8	1.4	11.1	5.5	1.4	
		53.6	15.9	4.4	1.4	16.4	6.9	1.7	16.1	4.8	1.9	13.1	4.0	1.5	12.3	3.8	1.4	11.5	3.6	1.5	
		59.0	19.1	4.6	1.6	19.7	7.1	1.9	19.3	4.9	2.0	15.8	4.1	1.7	14.8	3.9	1.6	13.8	3.7	1.6	
	69.8	53.6	19.1	10.3	1.7	19.6	16.0	2.0	19.3	11.1	2.1	15.7	9.2	1.8	14.7	8.8	1.7	13.8	8.4	1.7	
		59.0	19.5	8.4	1.7	20.1	13.1	2.0	19.7	9.0	2.2	16.1	7.5	1.8	15.1	7.2	1.7	14.1	6.8	1.7	
		66.2	22.7	6.7	1.8	23.4	10.3	2.2	22.9	7.2	2.4	18.7	6.0	1.9	17.5	5.7	1.8	16.4	5.4	1.9	
	75.2	60.8	20.4	10.6	1.7	21.0	16.4	2.0	20.6	11.4	2.2	16.8	9.5	1.8	15.8	9.0	1.7	14.7	8.6	1.7	
		66.2	23.2	10.3	1.9	23.9	15.9	2.2	23.4	11.0	2.4	19.1	9.2	2.0	17.9	8.8	1.9	16.7	8.3	1.9	
		73.4	22.7	4.8	1.9	23.4	7.5	2.3	22.9	5.2	2.5	18.7	4.3	2.0	17.5	4.1	1.9	16.4	3.9	2.0	
	80.6	60.8	21.3	13.2	1.8	21.9	20.5	2.1	21.5	14.2	2.3	17.5	11.8	1.9	16.4	11.3	1.8	15.3	10.7	1.9	
		66.2	23.6	13.1	1.9	24.4	20.3	2.2	23.9	14.1	2.4	19.5	11.7	2.0	18.3	11.2	1.9	17.1	10.6	1.9	
		73.4	25.0	8.9	1.9	25.8	13.8	2.2	25.3	9.5	2.4	20.7	7.9	2.0	19.4	7.6	1.9	18.1	7.2	2.0	
	84.2	66.2	24.1	14.0	1.9	24.8	21.8	2.2	24.4	15.1	2.4	19.9	12.5	2.0	18.6	12.0	1.9	17.4	11.4	1.9	
		60.8	22.4	14.7	1.8	23.1	22.9	2.2	22.6	15.8	2.4	18.5	13.2	1.9	17.3	12.5	1.8	16.2	11.6	1.9	
		66.2	24.3	15.0	1.9	25.1	23.2	2.2	24.6	16.1	2.4	20.1	13.4	2.0	18.8	12.8	1.9	17.6	12.2	1.9	
	86.0	73.4	25.6	12.3	1.9	26.3	19.0	2.3	25.8	13.2	2.5	21.1	11.0	2.0	19.8	10.5	1.9	18.4	10.0	2.0	
		60.8	23.5	15.9	1.9	24.3	24.7	2.2	23.8	17.1	2.4	19.4	14.0	2.0	18.2	13.1	1.9	17.0	12.2	1.9	
		66.2	25.0	16.8	1.9	25.8	26.1	2.2	25.3	18.0	2.4	20.7	14.9	2.0	19.4	13.9	1.9	18.1	13.0	2.0	
	89.6	73.4	25.3	14.9	1.9	26.1	23.2	2.2	25.6	16.0	2.4	20.9	13.3	2.0	19.6	12.8	1.9	18.3	12.1	2.0	
		64.4	48.2	15.5	4.9	1.4	15.9	10.6	1.6	15.6	5.3	1.8	12.8	4.4	1.5	12.0	4.2	1.4	11.2	4.0	1.4
		53.6	16.0	3.2	1.5	16.5	6.9	1.7	16.2	3.5	1.9	13.2	2.9	1.5	12.4	2.8	1.5	11.6	2.6	1.5	
1130	64.4	59.0	19.3	3.3	1.6	19.9	7.1	1.9	19.5	3.6	2.1	15.9	3.0	1.7	14.9	2.8	1.6	13.9	2.7	1.6	
		53.6	19.2	7.5	1.7	19.8	16.1	2.0	19.4	8.0	2.2	15.9	6.7	1.8	14.9	6.4	1.7	13.9	6.1	1.7	
		59.0	19.7	6.1	1.7	20.3	13.2	2.0	19.9	6.6	2.2	16.2	5.5	1.8	15.2	5.2	1.7	14.2	5.0	1.8	
	69.8	66.2	22.9	4.8	1.9	23.6	10.4	2.2	23.1	5.2	2.4	18.9	4.3	2.0	17.7	4.1	1.9	16.5	3.9	1.9	
		60.8	20.6	7.7	1.7	21.2	16.6	2.0	20.8	8.3	2.2	17.0	6.9	1.8	15.9	6.6	1.7	14.9	6.2	1.8	
		66.2	23.4	7.5	1.9	24.1	16.1	2.2	23.6	8.0	2.4	19.3	6.7	2.0	18.1	6.4	1.9	16.9	6.1	1.9	
	75.2	73.4	22.9	3.5	1.9	23.6	7.6	2.3	23.2	3.8	2.5	18.9	3.1	2.1	17.7	3.0	1.9	16.5	2.9	2.0	
		60.8	21.5	9.6	1.8	22.1	20.7	2.2	21.7	10.3	2.4	17.7	8.6	1.9	16.6	8.2	1.8	15.5	7.8	1.9	
		66.2	23.9	9.5	1.9	24.6	20.5	2.2	24.1	10.2	2.4	19.7	8.5	2.0	18.5	8.1	1.9	17.2	7.7	1.9	
	80.6	73.4	25.3	6.5	1.9	26.1	13.9	2.3	25.6	6.9	2.5	20.9	5.8	2.0	19.6	5.5	1.9	18.3	5.2	2.0	
		66.2	24.3	10.2	1.9	25.1	22.0	2.2	24.6	11.0	2.4	20.1	9.1	2.0	18.8	8.7	1.9	17.6	8.3	2.0	
		60.8	22.6	10.7	1.9	23.3	23.1	2.2	22.8	11.5	2.4	18.6	9.6	2.0	17.5	9.1	1.9	16.3	8.5	1.9	
	84.2	66.2	24.6	10.9	1.9	25.3	23.5	2.2	24.8	11.7	2.4	20.3	9.7	2.0	19.0	9.3	1.9	17.7	8.8	2.0	
		73.4	25.8	8.9	1.9	26.6	19.2	2.3	26.1	9.6	2.5	21.3	8.0	2.1	20.0	7.6	1.9	18.6	7.2	2.0	
		60.8	23.8	11.6	1.9	24.5	25.0	2.2	24.0	12.5	2.4	19.6	10.2	2.0	18.4	9.5	1.9	17.2	8.9	1.9	
	89.6	66.2	25.3	12.2	1.9	26.1	26.3	2.3	25.6	13.1	2.5	20.9	10.8	2.0	19.6	10.1	1.9	18.3	9.5	2.0	
		73.4	25.3	10.7	1.9	26.1	23.2	2.2	25.6	11.5	2.4	20.9	9.6	2.0	19.6	9.2	1.9	18.3	8.7	2.0	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD30NK3C1O Indoor Unit:GFH30K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)															
			5			14			19.4			23			32			
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
706	64.4	48.2	11.1	4.6	1.0	11.3	4.8	1.0	11.5	4.9	1.1	11.6	5.0	1.1	11.8	5.2	1.1	
		53.6	11.5	3.0	1.1	11.7	3.1	1.1	11.9	3.2	1.1	12.1	3.3	1.1	12.2	3.4	1.1	
		59.0	13.9	3.1	1.2	14.1	3.2	1.2	14.3	3.3	1.2	14.5	3.4	1.2	14.8	3.5	1.3	
	69.8	53.6	13.8	7.0	1.2	14.1	7.2	1.2	14.3	7.4	1.3	14.5	7.6	1.3	14.7	7.8	1.3	
		59.0	14.2	5.7	1.3	14.4	5.9	1.3	14.6	6.1	1.3	14.8	6.2	1.3	15.0	6.4	1.3	
		66.2	16.5	4.5	1.3	16.7	4.7	1.4	17.0	4.8	1.4	17.2	4.9	1.4	17.5	5.1	1.4	
	75.2	60.8	14.8	7.2	1.3	15.0	7.4	1.3	15.3	7.6	1.3	15.5	7.8	1.3	15.7	8.1	1.3	
		66.2	16.8	7.0	1.4	17.1	7.2	1.4	17.3	7.4	1.4	17.6	7.6	1.4	17.8	7.8	1.5	
		73.4	16.5	3.3	1.4	16.7	3.4	1.4	17.0	3.5	1.5	17.2	3.6	1.5	17.5	3.7	1.5	
	80.6	60.8	15.5	9.0	1.3	15.7	9.2	1.4	15.9	9.5	1.4	16.2	9.8	1.4	16.4	10.1	1.4	
		66.2	17.2	8.9	1.4	17.4	9.2	1.4	17.7	9.4	1.4	18.0	9.7	1.4	18.2	10.0	1.5	
		73.4	18.2	6.0	1.4	18.5	6.2	1.4	18.8	6.4	1.5	19.0	6.6	1.5	19.3	6.8	1.5	
	84.2	66.2	17.5	9.5	1.4	17.8	9.8	1.4	18.0	10.1	1.4	18.3	10.4	1.5	18.6	10.7	1.5	
		86.0	60.8	16.3	10.0	1.3	16.5	10.3	1.4	16.8	10.6	1.4	17.0	10.9	1.4	17.3	11.2	1.4
			66.2	17.7	10.2	1.4	18.0	10.5	1.4	18.2	10.8	1.4	18.5	11.1	1.5	18.8	11.4	1.5
	73.4		18.6	8.3	1.4	18.9	8.6	1.4	19.1	8.8	1.5	19.4	9.1	1.5	19.7	9.3	1.5	
	89.6	60.8	17.1	10.9	1.4	17.4	11.2	1.4	17.6	11.5	1.4	17.9	11.8	1.4	18.1	12.2	1.5	
		66.2	18.2	11.4	1.4	18.5	11.8	1.4	18.8	12.1	1.5	19.0	12.5	1.5	19.3	12.8	1.5	
73.4		20.2	11.1	1.4	20.5	11.5	1.5	20.8	11.8	1.5	21.1	12.1	1.5	21.4	12.5	1.5		
795	64.4	48.2	11.7	5.1	1.0	11.9	5.2	1.0	12.1	5.4	1.1	12.3	5.5	1.1	12.4	5.7	1.1	
		53.6	12.2	3.3	1.1	12.4	3.4	1.1	12.5	3.5	1.1	12.7	3.6	1.1	12.9	3.7	1.2	
		59.0	14.7	3.4	1.2	14.9	3.5	1.2	15.1	3.6	1.2	15.3	3.7	1.2	15.5	3.8	1.3	
	69.8	53.6	14.6	7.7	1.2	14.8	7.9	1.3	15.0	8.2	1.3	15.3	8.4	1.3	15.5	8.6	1.3	
		59.0	14.9	6.3	1.3	15.2	6.5	1.3	15.4	6.7	1.3	15.6	6.9	1.3	15.8	7.1	1.4	
		66.2	17.4	5.0	1.4	17.6	5.1	1.4	17.9	5.3	1.4	18.2	5.4	1.4	18.4	5.6	1.5	
	75.2	60.8	15.6	7.9	1.3	15.8	8.2	1.3	16.1	8.4	1.3	16.3	8.6	1.3	16.6	8.9	1.4	
		66.2	17.7	7.7	1.4	18.0	7.9	1.4	18.3	8.1	1.4	18.5	8.4	1.4	18.8	8.6	1.5	
		73.4	17.4	3.6	1.4	17.6	3.7	1.5	17.9	3.8	1.5	18.2	3.9	1.5	18.4	4.1	1.5	
	80.6	60.8	16.3	9.9	1.3	16.5	10.2	1.4	16.8	10.5	1.4	17.0	10.8	1.4	17.3	11.1	1.4	
		66.2	18.1	9.8	1.4	18.4	10.1	1.4	18.6	10.4	1.4	18.9	10.7	1.5	19.2	11.0	1.5	
		73.4	19.2	6.7	1.4	19.5	6.9	1.4	19.8	7.1	1.5	20.1	7.3	1.5	20.3	7.5	1.5	
	84.2	66.2	18.5	10.5	1.4	18.7	10.8	1.4	19.0	11.1	1.5	19.3	11.4	1.5	19.6	11.8	1.5	
		86.0	60.8	17.1	11.0	1.4	17.4	11.4	1.4	17.7	11.7	1.4	17.9	12.0	1.4	18.2	12.4	1.5
			66.2	18.6	11.2	1.4	18.9	11.5	1.4	19.2	11.9	1.5	19.5	12.2	1.5	19.8	12.6	1.5
	73.4		19.6	9.2	1.4	19.9	9.5	1.5	20.2	9.7	1.5	20.5	10.0	1.5	20.8	10.3	1.5	
	89.6	60.8	18.0	12.0	1.4	18.3	12.3	1.4	18.6	12.7	1.4	18.9	13.0	1.5	19.1	13.4	1.5	
		66.2	19.2	12.6	1.4	19.5	13.0	1.4	19.8	13.3	1.5	20.1	13.7	1.5	20.3	14.1	1.5	
73.4		20.2	11.6	1.4	20.5	12.0	1.5	20.8	12.3	1.5	21.1	12.7	1.5	21.4	13.0	1.5		
883	64.4	48.2	12.0	5.6	1.0	12.1	5.7	1.1	12.3	5.9	1.1	12.5	6.1	1.1	12.7	6.2	1.1	
		53.6	12.4	3.6	1.1	12.6	3.7	1.1	12.8	3.9	1.1	13.0	4.0	1.1	13.2	4.1	1.2	
		59.0	15.0	3.8	1.2	15.2	3.9	1.2	15.4	4.0	1.2	15.6	4.1	1.3	15.9	4.2	1.3	
	69.8	53.6	14.9	8.5	1.3	15.1	8.7	1.3	15.3	9.0	1.3	15.6	9.2	1.3	15.8	9.5	1.3	
		59.0	15.2	6.9	1.3	15.5	7.1	1.3	15.7	7.3	1.3	15.9	7.5	1.3	16.2	7.8	1.4	
		66.2	17.7	5.5	1.4	18.0	5.6	1.4	18.3	5.8	1.4	18.5	6.0	1.4	18.8	6.1	1.5	
	75.2	60.8	15.9	8.7	1.3	16.2	8.9	1.3	16.4	9.2	1.3	16.6	9.5	1.3	16.9	9.7	1.4	
		66.2	18.1	8.4	1.4	18.4	8.7	1.4	18.6	8.9	1.4	18.9	9.2	1.5	19.2	9.5	1.5	
		73.4	17.7	4.0	1.4	18.0	4.1	1.5	18.3	4.2	1.5	18.5	4.3	1.5	18.8	4.4	1.5	
	80.6	60.8	16.6	10.9	1.4	16.9	11.2	1.4	17.1	11.5	1.4	17.4	11.8	1.4	17.6	12.2	1.5	
		66.2	18.5	10.8	1.4	18.7	11.1	1.4	19.0	11.4	1.5	19.3	11.7	1.5	19.6	12.1	1.5	
		73.4	19.6	7.3	1.4	19.9	7.5	1.5	20.2	7.7	1.5	20.5	8.0	1.5	20.8	8.2	1.5	
	84.2	66.2	18.8	11.5	1.4	19.1	11.9	1.4	19.4	12.2	1.5	19.7	12.6	1.5	20.0	12.9	1.5	
		86.0	60.8	17.5	12.1	1.4	17.8	12.5	1.4	18.0	12.8	1.4	18.3	13.2	1.4	18.6	13.6	1.5
			66.2	19.0	12.3	1.4	19.3	12.7	1.4	19.6	13.0	1.5	19.9	13.4	1.5	20.2	13.8	1.5
	73.4		20.0	10.1	1.4	20.3	10.4	1.5	20.6	10.7	1.5	20.9	11.0	1.5	21.2	11.3	1.5	
	89.6	60.8	18.4	13.1	1.4	18.7	13.5	1.4	19.0	13.9	1.5	19.2	14.3	1.5	19.5	14.7	1.5	
		66.2	19.6	13.8	1.4	19.9	14.2	1.5	20.2	14.6	1.5	20.5	15.0	1.5	20.8	15.5	1.5	
73.4		20.2	12.5	1.4	20.5	12.9	1.5	20.8	13.3	1.5	21.1	13.6	1.5	21.4	14.0	1.5		

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			5			14			19.4			23			32		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
971	64.4	48.2	12.2	4.1	1.0	12.4	4.2	1.1	12.6	4.3	1.1	12.8	4.5	1.1	12.9	4.6	1.1
		53.6	12.7	2.7	1.1	12.9	2.8	1.1	13.0	2.8	1.1	13.2	2.9	1.2	13.4	3.0	1.2
		59.0	15.3	2.8	1.2	15.5	2.8	1.2	15.7	2.9	1.2	15.9	3.0	1.3	16.2	3.1	1.3
	69.8	53.6	15.2	6.2	1.3	15.4	6.4	1.3	15.6	6.6	1.3	15.9	6.8	1.3	16.1	7.0	1.4
		59.0	15.6	5.1	1.3	15.8	5.2	1.3	16.0	5.4	1.3	16.3	5.5	1.4	16.5	5.7	1.4
		66.2	18.1	4.0	1.4	18.4	4.1	1.4	18.6	4.3	1.4	18.9	4.4	1.5	19.2	4.5	1.5
	75.2	60.8	16.2	6.4	1.3	16.5	6.6	1.3	16.7	6.8	1.3	17.0	7.0	1.4	17.2	7.1	1.4
		66.2	18.5	6.2	1.4	18.7	6.4	1.4	19.0	6.6	1.5	19.3	6.8	1.5	19.6	6.9	1.5
		73.4	18.1	2.9	1.5	18.4	3.0	1.5	18.6	3.1	1.5	18.9	3.2	1.5	19.2	3.3	1.6
	80.6	60.8	17.0	8.0	1.4	17.2	8.2	1.4	17.5	8.4	1.4	17.7	8.7	1.4	18.0	8.9	1.5
		66.2	18.8	7.9	1.4	19.1	8.1	1.4	19.4	8.4	1.5	19.7	8.6	1.5	20.0	8.9	1.5
		73.4	20.0	5.4	1.4	20.3	5.5	1.5	20.6	5.7	1.5	20.9	5.8	1.5	21.2	6.0	1.5
	84.2	66.2	19.2	8.5	1.4	19.5	8.7	1.5	19.8	9.0	1.5	20.1	9.2	1.5	20.4	9.5	1.5
		60.8	17.8	8.9	1.4	18.1	9.2	1.4	18.4	9.4	1.4	18.7	9.7	1.5	18.9	10.0	1.5
		66.2	19.4	9.0	1.4	19.7	9.3	1.5	20.0	9.6	1.5	20.3	9.8	1.5	20.6	10.1	1.5
	86.0	73.4	20.4	7.4	1.5	20.7	7.6	1.5	21.0	7.8	1.5	21.3	8.1	1.5	21.6	8.3	1.6
		60.8	18.8	9.6	1.4	19.1	9.9	1.4	19.3	10.2	1.5	19.6	10.5	1.5	19.9	10.8	1.5
		66.2	20.0	10.1	1.4	20.3	10.4	1.5	20.6	10.7	1.5	20.9	11.0	1.5	21.2	11.4	1.5
1059	64.4	48.2	12.3	3.0	1.1	12.5	3.1	1.1	12.7	3.2	1.1	12.9	3.2	1.1	13.1	3.3	1.1
		53.6	12.8	1.9	1.1	13.0	2.0	1.1	13.2	2.1	1.1	13.4	2.1	1.2	13.6	2.2	1.2
		59.0	15.4	2.0	1.2	15.6	2.1	1.2	15.9	2.1	1.3	16.1	2.2	1.3	16.3	2.2	1.3
	69.8	53.6	15.3	4.5	1.3	15.6	4.7	1.3	15.8	4.8	1.3	16.0	4.9	1.3	16.3	5.1	1.4
		59.0	15.7	3.7	1.3	15.9	3.8	1.3	16.2	3.9	1.4	16.4	4.0	1.4	16.7	4.1	1.4
		66.2	18.3	2.9	1.4	18.5	3.0	1.4	18.8	3.1	1.5	19.1	3.2	1.5	19.4	3.3	1.5
	75.2	60.8	16.4	4.6	1.3	16.7	4.8	1.3	16.9	4.9	1.4	17.1	5.1	1.4	17.4	5.2	1.4
		66.2	18.6	4.5	1.4	18.9	4.6	1.4	19.2	4.8	1.5	19.5	4.9	1.5	19.8	5.0	1.5
		73.4	18.3	2.1	1.5	18.5	2.2	1.5	18.8	2.2	1.5	19.1	2.3	1.6	19.4	2.4	1.6
	80.6	60.8	17.1	5.8	1.4	17.4	6.0	1.4	17.6	6.1	1.4	17.9	6.3	1.5	18.2	6.5	1.5
		66.2	19.0	5.8	1.4	19.3	5.9	1.5	19.6	6.1	1.5	19.9	6.3	1.5	20.2	6.4	1.5
		73.4	20.2	3.9	1.5	20.5	4.0	1.5	20.8	4.1	1.5	21.1	4.2	1.5	21.4	4.4	1.6
	84.2	66.2	19.4	6.2	1.4	19.7	6.3	1.5	20.0	6.5	1.5	20.3	6.7	1.5	20.6	6.9	1.5
		60.8	18.0	6.5	1.4	18.3	6.7	1.4	18.6	6.9	1.5	18.8	7.0	1.5	19.1	7.2	1.5
		66.2	19.6	6.6	1.4	19.9	6.8	1.5	20.2	7.0	1.5	20.5	7.2	1.5	20.8	7.4	1.5
	86.0	73.4	20.6	5.4	1.5	20.9	5.5	1.5	21.2	5.7	1.5	21.5	5.9	1.6	21.8	6.0	1.6
		60.8	19.0	7.0	1.4	19.2	7.2	1.5	19.5	7.4	1.5	19.8	7.6	1.5	20.1	7.8	1.5
		66.2	20.2	7.4	1.5	20.5	7.6	1.5	20.8	7.8	1.5	21.1	8.0	1.5	21.4	8.3	1.6
89.6	73.4	20.2	6.5	1.4	20.5	6.7	1.5	20.8	6.9	1.5	21.1	7.1	1.5	21.4	7.3	1.5	

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AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			41			50			59			64.4			69.8			77		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
706	64.4	48.2	12.0	5.3	1.1	12.1	5.5	1.1	12.3	5.6	1.1	12.6	5.8	1.2	13.5	6.6	1.3	15.7	8.1	1.4
		53.6	12.4	3.5	1.2	12.6	3.6	1.2	12.8	3.7	1.2	13.1	3.8	1.3	14.0	4.3	1.4	16.3	5.3	1.4
		59.0	15.0	3.6	1.3	15.2	3.7	1.3	15.4	3.8	1.3	15.8	3.9	1.4	16.9	4.4	1.5	19.6	5.5	1.6
	69.8	53.6	14.9	8.1	1.3	15.1	8.3	1.4	15.3	8.5	1.4	15.7	8.9	1.4	16.8	10.0	1.6	19.5	12.3	1.7
		59.0	15.3	6.6	1.4	15.5	6.8	1.4	15.7	7.0	1.4	16.1	7.2	1.5	17.2	8.2	1.6	20.0	10.1	1.7
		66.2	17.7	5.2	1.5	18.0	5.4	1.5	18.2	5.5	1.5	18.7	5.7	1.6	20.0	6.5	1.7	23.2	8.0	1.8
	75.2	60.8	15.9	8.3	1.4	16.2	8.5	1.4	16.4	8.7	1.4	16.8	9.1	1.5	18.0	10.3	1.6	20.9	12.7	1.7
		66.2	18.1	8.0	1.5	18.4	8.3	1.5	18.6	8.5	1.5	19.1	8.8	1.6	20.4	10.0	1.7	23.7	12.3	1.9
		73.4	17.7	3.8	1.5	18.0	3.9	1.6	18.2	4.0	1.6	18.7	4.2	1.7	20.0	4.7	1.8	23.2	5.8	1.9
	80.6	60.8	16.6	10.3	1.5	16.9	10.6	1.5	17.1	10.9	1.5	17.6	11.3	1.6	18.7	12.9	1.7	21.8	15.8	1.8
		66.2	18.5	10.3	1.5	18.7	10.5	1.5	19.0	10.8	1.5	19.5	11.3	1.6	20.8	12.8	1.7	24.2	15.7	1.9
		73.4	19.6	7.0	1.5	19.9	7.1	1.6	20.1	7.3	1.6	20.7	7.6	1.7	22.1	8.7	1.8	25.7	10.7	1.9
	84.2	66.2	18.8	11.0	1.5	19.1	11.3	1.5	19.4	11.6	1.6	19.9	12.1	1.6	21.2	13.7	1.8	24.7	16.8	1.9
		60.8	17.5	11.5	1.5	17.8	11.9	1.5	18.0	12.2	1.5	18.5	12.7	1.6	19.7	14.4	1.7	22.9	17.7	1.8
		66.2	19.0	11.7	1.5	19.3	12.0	1.5	19.6	12.4	1.6	20.1	12.9	1.6	21.4	14.6	1.8	24.9	18.0	1.9
86.0	73.4	20.0	9.6	1.5	20.3	9.9	1.6	20.5	10.1	1.6	21.1	10.5	1.7	22.5	11.9	1.8	26.2	14.7	1.9	
	60.8	18.4	12.5	1.5	18.7	12.8	1.5	18.9	13.2	1.5	19.4	13.7	1.6	20.7	15.5	1.7	24.1	19.1	1.9	
	66.2	19.6	13.2	1.5	19.9	13.5	1.6	20.1	13.9	1.6	20.7	14.4	1.7	22.1	16.4	1.8	25.7	20.1	1.9	
89.6	73.4	21.7	12.8	1.6	22.0	13.2	1.6	22.3	13.5	1.6	22.9	14.1	1.7	24.4	15.9	1.8	28.4	19.6	2.0	
	60.8	18.4	12.5	1.5	18.7	12.8	1.5	18.9	13.2	1.5	19.4	13.7	1.6	20.7	15.5	1.7	24.1	19.1	1.9	
	66.2	19.6	13.2	1.5	19.9	13.5	1.6	20.1	13.9	1.6	20.7	14.4	1.7	22.1	16.4	1.8	25.7	20.1	1.9	
795	64.4	48.2	12.6	5.9	1.1	12.8	6.0	1.1	13.0	6.2	1.2	13.3	6.4	1.2	14.2	7.3	1.3	16.5	9.0	1.4
		53.6	13.1	3.8	1.2	13.3	3.9	1.2	13.5	4.0	1.2	13.8	4.2	1.3	14.7	4.8	1.4	17.1	5.8	1.5
		59.0	15.8	3.9	1.3	16.0	4.0	1.3	16.2	4.1	1.3	16.7	4.3	1.4	17.8	4.9	1.5	20.7	6.0	1.6
	69.8	53.6	15.7	8.9	1.4	15.9	9.1	1.4	16.1	9.4	1.4	16.6	9.7	1.5	17.7	11.0	1.6	20.6	13.6	1.7
		59.0	16.1	7.3	1.4	16.3	7.5	1.4	16.5	7.7	1.4	17.0	8.0	1.5	18.1	9.0	1.6	21.1	11.1	1.7
		66.2	18.7	5.7	1.5	19.0	5.9	1.5	19.2	6.1	1.5	19.7	6.3	1.6	21.1	7.1	1.7	24.5	8.8	1.9
	75.2	60.8	16.8	9.1	1.4	17.0	9.4	1.4	17.3	9.6	1.4	17.7	10.0	1.5	18.9	11.3	1.6	22.0	14.0	1.7
		66.2	19.1	8.9	1.5	19.3	9.1	1.5	19.6	9.3	1.5	20.2	9.7	1.6	21.5	11.0	1.7	25.0	13.6	1.9
		73.4	18.7	4.2	1.6	19.0	4.3	1.6	19.2	4.4	1.6	19.7	4.6	1.7	21.1	5.2	1.8	24.5	6.4	1.9
	80.6	60.8	17.5	11.4	1.5	17.8	11.7	1.5	18.0	12.0	1.5	18.5	12.5	1.6	19.7	14.2	1.7	22.9	17.4	1.8
		66.2	19.5	11.3	1.5	19.7	11.6	1.5	20.0	11.9	1.6	20.6	12.4	1.6	21.9	14.0	1.8	25.5	17.3	1.9
		73.4	20.6	7.7	1.5	20.9	7.9	1.6	21.2	8.1	1.6	21.8	8.4	1.7	23.3	9.5	1.8	27.0	11.7	1.9
	84.2	66.2	19.9	12.1	1.5	20.1	12.4	1.6	20.4	12.8	1.6	21.0	13.3	1.7	22.4	15.0	1.8	26.0	18.5	1.9
		60.8	18.4	12.7	1.5	18.7	13.1	1.5	19.0	13.4	1.5	19.5	13.9	1.6	20.8	15.8	1.7	24.2	19.5	1.9
		66.2	20.1	12.9	1.5	20.3	13.3	1.6	20.6	13.6	1.6	21.2	14.2	1.7	22.6	16.1	1.8	26.3	19.8	1.9
86.0	73.4	21.1	10.6	1.6	21.4	10.9	1.6	21.6	11.2	1.6	22.2	11.6	1.7	23.7	13.2	1.8	27.6	16.2	2.0	
	60.8	19.4	13.8	1.5	19.7	14.1	1.5	19.9	14.5	1.6	20.5	15.1	1.6	21.9	17.1	1.8	25.4	21.1	1.9	
	66.2	20.6	14.5	1.5	20.9	14.9	1.6	21.2	15.3	1.6	21.8	15.9	1.7	23.3	18.0	1.8	27.0	22.2	1.9	
89.6	73.4	21.7	13.4	1.6	22.0	13.8	1.6	22.3	14.1	1.6	22.9	14.7	1.7	24.4	16.7	1.8	28.4	20.5	2.0	
	60.8	19.4	13.8	1.5	19.7	14.1	1.5	19.9	14.5	1.6	20.5	15.1	1.6	21.9	17.1	1.8	25.4	21.1	1.9	
	66.2	20.6	14.5	1.5	20.9	14.9	1.6	21.2	15.3	1.6	21.8	15.9	1.7	23.3	18.0	1.8	27.0	22.2	1.9	
883	64.4	48.2	12.9	6.4	1.1	13.1	6.6	1.2	13.2	6.8	1.2	13.6	7.0	1.2	14.5	8.0	1.3	16.9	9.8	1.4
		53.6	13.4	4.2	1.2	13.5	4.3	1.2	13.7	4.4	1.2	14.1	4.6	1.3	15.0	5.2	1.4	17.5	6.4	1.5
		59.0	16.1	4.3	1.3	16.3	4.4	1.3	16.5	4.6	1.3	17.0	4.7	1.4	18.1	5.4	1.5	21.1	6.6	1.6
	69.8	53.6	16.0	9.7	1.4	16.2	10.0	1.4	16.5	10.3	1.4	16.9	10.7	1.5	18.0	12.1	1.6	21.0	14.9	1.7
		59.0	16.4	8.0	1.4	16.6	8.2	1.4	16.9	8.4	1.4	17.3	8.7	1.5	18.5	9.9	1.6	21.5	12.2	1.7
		66.2	19.1	6.3	1.5	19.3	6.5	1.5	19.6	6.6	1.5	20.1	6.9	1.6	21.5	7.8	1.7	25.0	9.7	1.9
	75.2	60.8	17.1	10.0	1.4	17.4	10.3	1.4	17.6	10.5	1.4	18.1	11.0	1.5	19.3	12.4	1.6	22.4	15.3	1.7
		66.2	19.5	9.7	1.5	19.7	10.0	1.5	20.0	10.2	1.6	20.6	10.7	1.6	21.9	12.1	1.8	25.5	14.9	1.9
		73.4	19.1	4.6	1.6	19.3	4.7	1.6	19.6	4.8	1.6	20.2	5.0	1.7	21.5	5.7	1.8	25.0	7.0	2.0
	80.6	60.8	17.9	12.5	1.5	18.1	12.8	1.5	18.4	13.2	1.5	18.9	13.7	1.6	20.1	15.5	1.7	23.4	19.1	1.9
		66.2	19.9	12.4	1.5	20.1	12.7	1.6	20.4	13.1	1.6	21.0	13.6	1.7	22.4	15.4	1.8	26.0	19.0	1.9
		73.4	21.1	8.4	1.6	21.4	8.6	1.6	21.6	8.9	1.6	22.2	9.2	1.7	23.7	10.5	1.8	27.6	12.9	2.0
	84.2	66.2	20.3	13.3	1.5	20.5	13.6	1.6	20.8	14.0	1.6	21.4	14.6	1.7	22.8	16.5	1.8	26.5	20.3	1.9
		60.8	18.8	13.9	1.5	19.1	14.3	1.5	19.4	14.7	1.5	19.9	15.3	1.6	21.2	17.3	1.7	24.7	21.3	1.9
		66.2	20.5	14.2	1.5	20.7	14.6	1.6	21.0	14.9	1.6	21.6	15.5	1.7	23.1	17.6	1.8	26.8	21.7	1.9
86.0	73.4	21.5	11.6	1.6	21.8	11.9	1.6	22.1	12.2	1.6	22.7	12.7	1.7	24.2	14.4	1.8	28.1	17.8	2.0	
	60.8	19.8	15.1	1.5	20.1	15.5	1.6	20.4	15.9	1.6	20.9	16.6	1.7	22.3	18.8	1.8	25.9	23.1	1.9	
	66.2	21.1	15.9	1.6	21.4	16.3	1.6	21.6	16.8	1.6	22.2	17.4	1.7	23.7	19.8	1.8	27.6	24.3	2.0	
89.6	73.4	21.7	14.4	1.6	22.0	14.8	1.6	22.3	15.2	1.6	22.9	15.8	1.7	24.4	17.9	1.8	28.4	22.1	2.0	

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			41			50			59			64.4			69.8			77		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
971	64.4	48.2	13.1	4.7	1.1	13.3	4.8	1.2	13.5	5.0	1.2	13.9	5.2	1.2	14.8	5.9	1.3	17.2	7.2	1.4
		53.6	13.6	3.1	1.2	13.8	3.2	1.2	14.0	3.2	1.2	14.4	3.4	1.3	15.3	3.8	1.4	17.8	4.7	1.5
		59.0	16.4	3.2	1.3	16.6	3.3	1.3	16.9	3.3	1.4	17.3	3.5	1.4	18.5	3.9	1.5	21.5	4.9	1.6
	69.8	53.6	16.3	7.2	1.4	16.6	7.4	1.4	16.8	7.5	1.4	17.3	7.9	1.5	18.4	8.9	1.6	21.4	11.0	1.7
		59.0	16.7	5.9	1.4	17.0	6.0	1.4	17.2	6.2	1.5	17.7	6.4	1.5	18.8	7.3	1.6	21.9	9.0	1.8
		66.2	19.5	4.6	1.5	19.7	4.8	1.5	20.0	4.9	1.6	20.5	5.1	1.6	21.9	5.8	1.8	25.5	7.1	1.9
	75.2	60.8	17.5	7.3	1.4	17.7	7.5	1.4	18.0	7.7	1.5	18.5	8.1	1.5	19.7	9.1	1.6	22.9	11.2	1.8
		66.2	19.9	7.1	1.5	20.1	7.3	1.6	20.4	7.5	1.6	21.0	7.8	1.7	22.4	8.9	1.8	26.0	10.9	1.9
		73.4	19.5	3.4	1.6	19.7	3.4	1.6	20.0	3.5	1.6	20.6	3.7	1.7	21.9	4.2	1.9	25.5	5.1	2.0
	80.6	60.8	18.2	9.2	1.5	18.5	9.4	1.5	18.7	9.7	1.5	19.3	10.1	1.6	20.5	11.4	1.7	23.9	14.0	1.9
		66.2	20.3	9.1	1.5	20.5	9.3	1.6	20.8	9.6	1.6	21.4	10.0	1.7	22.8	11.3	1.8	26.5	13.9	1.9
		73.4	21.5	6.2	1.6	21.8	6.3	1.6	22.1	6.5	1.6	22.7	6.8	1.7	24.2	7.7	1.8	28.1	9.5	2.0
	84.2	66.2	20.7	9.7	1.6	21.0	10.0	1.6	21.2	10.3	1.6	21.8	10.7	1.7	23.3	12.1	1.8	27.1	14.9	2.0
		60.8	19.2	10.2	1.5	19.5	10.5	1.5	19.7	10.8	1.6	20.3	11.2	1.6	21.6	12.7	1.8	25.1	15.7	1.9
		66.2	20.9	10.4	1.6	21.2	10.7	1.6	21.5	11.0	1.6	22.0	11.4	1.7	23.5	12.9	1.8	27.3	15.9	2.0
	86.0	73.4	21.9	8.5	1.6	22.2	8.8	1.6	22.5	9.0	1.6	23.1	9.4	1.7	24.7	10.6	1.9	28.7	13.0	2.0
		60.8	20.2	11.1	1.5	20.5	11.4	1.6	20.8	11.7	1.6	21.3	12.2	1.7	22.7	13.8	1.8	26.4	17.0	1.9
		66.2	21.5	11.7	1.6	21.8	12.0	1.6	22.1	12.3	1.6	22.7	12.8	1.7	24.2	14.5	1.8	28.1	17.9	2.0
	89.6	73.4	21.7	10.4	1.6	22.0	10.7	1.6	22.3	10.9	1.6	22.9	11.4	1.7	24.4	12.9	1.8	28.4	15.9	2.0
		48.2	13.3	3.4	1.2	13.4	3.5	1.2	13.6	3.6	1.2	14.0	3.8	1.3	14.9	4.3	1.3	17.4	5.2	1.4
		53.6	13.8	2.2	1.2	13.9	2.3	1.2	14.1	2.4	1.2	14.5	2.5	1.3	15.5	2.8	1.4	18.0	3.4	1.5
64.4	59.0	16.6	2.3	1.3	16.8	2.4	1.3	17.0	2.4	1.4	17.5	2.5	1.4	18.7	2.9	1.5	21.7	3.5	1.7	
	53.6	16.5	5.2	1.4	16.7	5.3	1.4	17.0	5.5	1.4	17.4	5.7	1.5	18.6	6.5	1.6	21.6	8.0	1.7	
	59.0	16.9	4.3	1.4	17.1	4.4	1.4	17.4	4.5	1.5	17.8	4.7	1.5	19.0	5.3	1.7	22.1	6.5	1.8	
69.8	66.2	19.6	3.4	1.5	19.9	3.5	1.6	20.2	3.6	1.6	20.7	3.7	1.7	22.1	4.2	1.8	25.7	5.2	1.9	
	60.8	17.6	5.3	1.4	17.9	5.5	1.4	18.1	5.6	1.5	18.6	5.9	1.5	19.9	6.6	1.7	23.1	8.2	1.8	
	66.2	20.1	5.2	1.5	20.3	5.3	1.6	20.6	5.5	1.6	21.2	5.7	1.7	22.6	6.5	1.8	26.3	7.9	1.9	
75.2	73.4	19.7	2.4	1.6	19.9	2.5	1.6	20.2	2.6	1.7	20.8	2.7	1.7	22.1	3.0	1.9	25.7	3.7	2.0	
	60.8	18.4	6.7	1.5	18.7	6.9	1.5	18.9	7.0	1.6	19.5	7.3	1.6	20.7	8.3	1.8	24.1	10.2	1.9	
	66.2	20.5	6.6	1.6	20.7	6.8	1.6	21.0	7.0	1.6	21.6	7.3	1.7	23.1	8.2	1.8	26.8	10.1	2.0	
80.6	73.4	21.7	4.5	1.6	22.0	4.6	1.6	22.3	4.7	1.6	22.9	4.9	1.7	24.4	5.6	1.9	28.4	6.9	2.0	
	66.2	20.9	7.1	1.6	21.2	7.3	1.6	21.5	7.5	1.6	22.0	7.8	1.7	23.5	8.8	1.8	27.3	10.8	2.0	
	60.8	19.4	7.4	1.5	19.7	7.6	1.6	19.9	7.9	1.6	20.5	8.2	1.7	21.8	9.3	1.8	25.4	11.4	1.9	
86.0	66.2	21.1	7.6	1.6	21.4	7.8	1.6	21.7	8.0	1.6	22.3	8.3	1.7	23.7	9.4	1.8	27.6	11.6	2.0	
	73.4	22.1	6.2	1.6	22.4	6.4	1.6	22.8	6.5	1.7	23.4	6.8	1.7	24.9	7.7	1.9	29.0	9.5	2.0	
	60.8	20.4	8.1	1.6	20.7	8.3	1.6	21.0	8.5	1.6	21.5	8.8	1.7	23.0	10.0	1.8	26.7	12.3	1.9	
89.6	66.2	21.7	8.5	1.6	22.0	8.7	1.6	22.3	9.0	1.6	22.9	9.3	1.7	24.4	10.6	1.9	28.4	13.0	2.0	
	73.4	21.7	7.5	1.6	22.0	7.7	1.6	22.3	7.9	1.6	22.9	8.2	1.7	24.4	9.3	1.8	28.4	11.4	2.0	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			86			95			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
706	64.4	48.2	16.4	9.0	1.6	16.9	9.7	1.8	16.5	9.6	2.0	13.5	8.0	1.7	12.6	7.7	1.6	11.8	7.3	1.6
		53.6	17.0	5.8	1.6	17.5	6.3	1.9	17.1	6.3	2.1	14.0	5.2	1.7	13.1	5.0	1.6	12.2	4.8	1.7
		59.0	20.4	6.0	1.8	21.1	6.5	2.1	20.7	6.5	2.3	16.9	5.4	1.9	15.8	5.1	1.8	14.8	4.9	1.8
	69.8	53.6	20.4	13.6	1.9	21.0	14.8	2.2	20.6	14.6	2.4	16.8	12.2	2.0	15.7	11.6	1.9	14.7	11.0	1.9
		59.0	20.8	11.1	1.9	21.5	12.1	2.3	21.1	11.9	2.5	17.2	9.9	2.0	16.1	9.5	1.9	15.0	9.0	2.0
		66.2	24.2	8.8	2.1	25.0	9.5	2.4	24.5	9.4	2.7	20.0	7.9	2.2	18.7	7.5	2.1	17.5	7.1	2.1
	75.2	60.8	21.8	14.0	1.9	22.4	15.1	2.3	22.0	15.0	2.5	18.0	12.5	2.0	16.8	11.9	1.9	15.7	11.3	2.0
		66.2	24.7	13.6	2.1	25.5	14.7	2.5	25.0	14.6	2.7	20.4	12.1	2.2	19.1	11.6	2.1	17.8	11.0	2.2
		73.4	24.2	6.4	2.2	25.0	6.9	2.6	24.5	6.8	2.8	20.0	5.7	2.3	18.7	5.4	2.2	17.5	5.2	2.2
	80.6	60.8	22.7	17.4	2.1	23.4	18.9	2.4	22.9	18.7	2.6	18.7	15.6	2.2	17.6	14.9	2.1	16.4	14.2	2.1
		66.2	25.2	17.3	2.1	26.0	18.8	2.5	25.5	18.6	2.7	20.8	15.5	2.2	19.5	14.8	2.1	18.2	14.0	2.2
		73.4	26.8	11.7	2.2	27.6	12.7	2.5	27.0	12.6	2.8	22.1	10.5	2.3	20.7	10.0	2.2	19.3	9.5	2.2
	84.2	66.2	25.7	18.5	2.1	26.5	20.1	2.5	26.0	19.9	2.8	21.2	16.6	2.3	19.9	15.8	2.1	18.6	15.0	2.2
		60.8	23.9	19.5	2.1	24.7	21.1	2.4	24.2	20.9	2.7	19.7	17.4	2.2	18.5	16.5	2.1	17.3	15.4	2.1
		66.2	26.0	19.8	2.1	26.8	21.4	2.5	26.3	21.2	2.8	21.4	17.7	2.3	20.1	16.9	2.1	18.8	16.1	2.2
86.0	73.4	27.3	16.2	2.2	28.1	17.6	2.6	27.6	17.4	2.8	22.5	14.5	2.3	21.1	13.8	2.2	19.7	13.2	2.2	
	60.8	25.1	21.0	2.1	25.9	22.8	2.5	25.4	22.6	2.7	20.7	18.5	2.2	19.4	17.3	2.1	18.1	16.2	2.2	
	66.2	26.8	22.2	2.2	27.6	24.1	2.5	27.0	23.8	2.8	22.1	19.6	2.3	20.7	18.4	2.2	19.3	17.2	2.2	
89.6	73.4	29.6	21.6	2.2	30.5	23.4	2.6	29.9	23.2	2.9	24.4	19.3	2.4	22.9	18.5	2.2	21.4	17.6	2.3	
	60.8	25.1	21.0	2.1	25.9	22.8	2.5	25.4	22.6	2.7	20.7	18.5	2.2	19.4	17.3	2.1	18.1	16.2	2.2	
	66.2	26.8	22.2	2.2	27.6	24.1	2.5	27.0	23.8	2.8	22.1	19.6	2.3	20.7	18.4	2.2	19.3	17.2	2.2	
795	64.4	48.2	17.2	9.9	1.6	17.8	10.7	1.9	17.4	10.6	2.0	14.2	8.8	1.7	13.3	8.4	1.6	12.4	8.0	1.6
		53.6	17.9	6.4	1.7	18.4	7.0	2.0	18.1	6.9	2.1	14.7	5.8	1.8	13.8	5.5	1.7	12.9	5.2	1.7
		59.0	21.5	6.6	1.8	22.2	7.2	2.1	21.8	7.1	2.3	17.8	5.9	1.9	16.7	5.7	1.8	15.5	5.4	1.9
	69.8	53.6	21.4	15.0	1.9	22.1	16.2	2.3	21.7	16.1	2.5	17.7	13.4	2.0	16.6	12.8	1.9	15.5	12.2	2.0
		59.0	22.0	12.2	2.0	22.6	13.3	2.3	22.2	13.2	2.5	18.1	10.9	2.1	17.0	10.5	2.0	15.8	10.0	2.0
		66.2	25.5	9.7	2.1	26.3	10.5	2.5	25.8	10.4	2.7	21.1	8.7	2.2	19.7	8.3	2.1	18.4	7.9	2.2
	75.2	60.8	22.9	15.4	2.0	23.6	16.7	2.3	23.2	16.5	2.5	18.9	13.7	2.1	17.7	13.1	2.0	16.6	12.5	2.0
		66.2	26.1	14.9	2.1	26.9	16.2	2.5	26.3	16.0	2.7	21.5	13.3	2.2	20.2	12.8	2.1	18.8	12.1	2.2
		73.4	25.5	7.0	2.2	26.3	7.6	2.6	25.8	7.5	2.8	21.1	6.3	2.3	19.7	6.0	2.2	18.4	5.7	2.3
	80.6	60.8	23.9	19.2	2.1	24.7	20.8	2.4	24.2	20.6	2.7	19.7	17.2	2.2	18.5	16.4	2.1	17.3	15.6	2.1
		66.2	26.6	19.0	2.1	27.4	20.7	2.5	26.9	20.4	2.8	21.9	17.0	2.3	20.6	16.3	2.1	19.2	15.5	2.2
		73.4	28.2	12.9	2.2	29.1	14.0	2.6	28.5	13.9	2.8	23.3	11.5	2.3	21.8	11.0	2.2	20.3	10.5	2.2
	84.2	66.2	27.1	20.4	2.2	28.0	22.1	2.5	27.4	21.9	2.8	22.4	18.2	2.3	21.0	17.4	2.2	19.6	16.6	2.2
		60.8	25.2	21.4	2.1	26.0	23.2	2.5	25.5	23.0	2.7	20.8	19.2	2.2	19.5	18.1	2.1	18.2	16.9	2.2
		66.2	27.4	21.8	2.2	28.2	23.6	2.5	27.7	23.4	2.8	22.6	19.5	2.3	21.2	18.6	2.2	19.8	17.7	2.2
86.0	73.4	28.8	17.8	2.2	29.7	19.3	2.6	29.1	19.1	2.8	23.7	15.9	2.3	22.2	15.2	2.2	20.8	14.5	2.3	
	60.8	26.5	23.2	2.1	27.3	25.2	2.5	26.8	24.9	2.8	21.9	20.3	2.3	20.5	19.1	2.1	19.1	17.8	2.2	
	66.2	28.2	24.4	2.2	29.1	26.5	2.6	28.5	26.2	2.8	23.3	21.6	2.3	21.8	20.3	2.2	20.3	18.9	2.2	
89.6	73.4	29.6	22.6	2.2	30.5	24.5	2.6	29.9	24.3	2.9	24.4	20.2	2.4	22.9	19.3	2.2	21.4	18.4	2.3	
	60.8	25.1	21.0	2.1	25.9	22.8	2.5	25.4	22.6	2.7	20.7	18.5	2.2	19.4	17.3	2.1	18.1	16.2	2.2	
	66.2	26.8	22.2	2.2	27.6	24.1	2.5	27.0	23.8	2.8	22.1	19.6	2.3	20.7	18.4	2.2	19.3	17.2	2.2	
883	64.4	48.2	17.6	10.8	1.6	18.1	11.7	1.9	17.8	11.6	2.1	14.5	9.7	1.7	13.6	9.2	1.6	12.7	8.8	1.6
		53.6	18.2	7.1	1.7	18.8	7.7	2.0	18.4	7.6	2.1	15.0	6.3	1.8	14.1	6.0	1.7	13.2	5.7	1.7
		59.0	22.0	7.3	1.8	22.7	7.9	2.2	22.2	7.8	2.4	18.1	6.5	2.0	17.0	6.2	1.8	15.9	5.9	1.9
	69.8	53.6	21.9	16.4	1.9	22.6	17.8	2.3	22.1	17.6	2.5	18.0	14.7	2.0	16.9	14.0	1.9	15.8	13.3	2.0
		59.0	22.4	13.4	2.0	23.1	14.6	2.3	22.6	14.4	2.5	18.5	12.0	2.1	17.3	11.5	2.0	16.2	10.9	2.0
		66.2	26.1	10.6	2.1	26.9	11.5	2.5	26.3	11.4	2.7	21.5	9.5	2.2	20.1	9.1	2.1	18.8	8.6	2.2
	75.2	60.8	23.4	16.9	2.0	24.1	18.3	2.3	23.6	18.1	2.5	19.3	15.1	2.1	18.1	14.4	2.0	16.9	13.7	2.0
		66.2	26.6	16.4	2.1	27.4	17.8	2.5	26.9	17.6	2.8	21.9	14.6	2.3	20.6	14.0	2.1	19.2	13.3	2.2
		73.4	26.1	7.7	2.2	26.9	8.4	2.6	26.3	8.3	2.9	21.5	6.9	2.4	20.2	6.6	2.2	18.8	6.3	2.3
	80.6	60.8	24.4	21.1	2.1	25.2	22.8	2.5	24.7	22.6	2.7	20.1	18.8	2.2	18.9	18.0	2.1	17.6	17.1	2.2
		66.2	27.1	20.9	2.2	28.0	22.7	2.6	27.4	22.4	2.8	22.4	18.7	2.3	21.0	17.8	2.2	19.6	17.0	2.2
		73.4	28.8	14.2	2.2	29.7	15.4	2.6	29.1	15.2	2.8	23.7	12.7	2.3	22.2	12.1	2.2	20.8	11.5	2.3
	84.2	66.2	27.7	22.4	2.2	28.5	24.3	2.6	28.0	24.0	2.8	22.8	20.0	2.3	21.4	19.1	2.2	20.0	18.2	2.2
		60.8	25.7	23.5	2.1	26.5	25.5	2.5	26.0	25.2	2.7	21.2	21.0	2.2	19.9	19.9	2.1	18.6	18.6	2.2
		66.2	28.0	23.9	2.2	28.8	25.9	2.6	28.2	25.6	2.8	23.1	21.3	2.3	21.6	20.4	2.2	20.2	19.4	2.2
86.0	73.4	29.4	19.6	2.2	30.3	21.2	2.6	29.7	21.0	2.9	24.2	17.5	2.4	22.7	16.7	2.2	21.2	15.9	2.3	
	60.8	27.0	25.4	2.2	27.9	27.6	2.5	27.3	27.3	2.8	22.3	22.3	2.3	20.9	20.9	2.2	19.5	19.5	2.2	
	66.2	28.8	26.8	2.2	29.7	29.1	2.6	29.1	28.8	2.8	23.7	23.7	2.3	22.2	22.2	2.2	20.8	20.8	2.3	
89.6	73.4	29.6	24.3	2.2	30.5	26.3	2.6	29.9	26.1	2.9	24.4	21.7	2.4	22.9	20.7	2.2	21.4	19.7	2.3	

AFR	Indoor temperature		Outdoor temperature DB (°F)																		
			86			95			102.2			109.4			114.8			118.4			
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
971	64.4	48.2	17.9	7.9	1.6	18.5	12.3	1.9	18.1	8.5	2.1	14.8	7.1	1.7	13.9	6.8	1.6	12.9	6.5	1.7	
		53.6	18.6	5.2	1.7	19.2	8.1	2.0	18.8	5.6	2.2	15.3	4.6	1.8	14.4	4.4	1.7	13.4	4.2	1.7	
		59.0	22.4	5.3	1.9	23.1	8.3	2.2	22.7	5.7	2.4	18.5	4.8	2.0	17.3	4.6	1.9	16.2	4.3	1.9	
	69.8	53.6	22.3	12.1	2.0	23.0	18.7	2.3	22.6	13.0	2.5	18.4	10.8	2.1	17.3	10.3	2.0	16.1	9.8	2.0	
		59.0	22.9	9.9	2.0	23.6	15.3	2.3	23.1	10.6	2.6	18.8	8.8	2.1	17.7	8.4	2.0	16.5	8.0	2.0	
		66.2	26.6	7.8	2.1	27.4	12.1	2.5	26.8	8.4	2.8	21.9	7.0	2.3	20.5	6.7	2.1	19.2	6.3	2.2	
	75.2	60.8	23.9	12.4	2.0	24.6	19.2	2.3	24.1	13.3	2.6	19.7	11.1	2.1	18.5	10.6	2.0	17.2	10.1	2.0	
		66.2	27.1	12.0	2.2	28.0	18.7	2.5	27.4	12.9	2.8	22.4	10.8	2.3	21.0	10.3	2.2	19.6	9.8	2.2	
		73.4	26.6	5.7	2.3	27.4	8.8	2.7	26.9	6.1	2.9	21.9	5.1	2.4	20.6	4.8	2.3	19.2	4.6	2.3	
	80.6	60.8	24.9	15.5	2.1	25.7	24.0	2.5	25.2	16.6	2.7	20.5	13.8	2.2	19.3	13.2	2.1	18.0	12.6	2.2	
		66.2	27.7	15.3	2.2	28.5	23.8	2.6	28.0	16.5	2.8	22.8	13.7	2.3	21.4	13.1	2.2	20.0	12.5	2.2	
		73.4	29.3	10.4	2.2	30.3	16.2	2.6	29.6	11.2	2.9	24.2	9.3	2.4	22.7	8.9	2.2	21.2	8.5	2.3	
	84.2	66.2	28.2	16.4	2.2	29.1	25.5	2.6	28.5	17.6	2.8	23.3	14.7	2.3	21.8	14.0	2.2	20.4	13.4	2.3	
		60.8	26.2	17.3	2.1	27.0	26.8	2.5	26.5	18.5	2.8	21.6	15.4	2.3	20.3	14.6	2.1	18.9	13.6	2.2	
		66.2	28.5	17.5	2.2	29.4	27.2	2.6	28.8	18.8	2.8	23.5	15.7	2.3	22.0	15.0	2.2	20.6	14.3	2.3	
	86.0	73.4	29.9	14.4	2.3	30.9	22.3	2.7	30.2	15.4	2.9	24.7	12.8	2.4	23.1	12.3	2.3	21.6	11.7	2.3	
		60.8	27.6	18.7	2.2	28.4	29.0	2.6	27.9	20.1	2.8	22.7	16.4	2.3	21.3	15.4	2.2	19.9	14.3	2.2	
		66.2	29.3	19.7	2.2	30.3	30.5	2.6	29.6	21.1	2.9	24.2	17.4	2.4	22.7	16.3	2.2	21.2	15.2	2.3	
	89.6	73.4	29.6	17.5	2.2	30.5	27.1	2.6	29.9	18.8	2.9	24.4	15.6	2.4	22.9	14.9	2.2	21.4	14.2	2.3	
		60.8	27.6	18.7	2.2	28.4	29.0	2.6	27.9	20.1	2.8	22.7	16.4	2.3	21.3	15.4	2.2	19.9	14.3	2.2	
		66.2	29.3	19.7	2.2	30.3	30.5	2.6	29.6	21.1	2.9	24.2	17.4	2.4	22.7	16.3	2.2	21.2	15.2	2.3	
	1059	64.4	48.2	18.1	5.8	1.6	18.7	12.5	1.9	18.3	6.2	2.1	14.9	5.2	1.7	14.0	4.9	1.6	13.1	4.7	1.7
			53.6	18.8	3.8	1.7	19.4	8.1	2.0	19.0	4.1	2.2	15.5	3.4	1.8	14.5	3.2	1.7	13.6	3.1	1.8
			59.0	22.6	3.9	1.9	23.3	8.4	2.2	22.9	4.2	2.4	18.7	3.5	2.0	17.5	3.3	1.9	16.3	3.2	1.9
69.8		53.6	22.5	8.8	2.0	23.2	18.9	2.3	22.8	9.4	2.5	18.6	7.8	2.1	17.4	7.5	2.0	16.3	7.1	2.0	
		59.0	23.1	7.2	2.0	23.8	15.5	2.4	23.3	7.7	2.6	19.0	6.4	2.1	17.8	6.1	2.0	16.7	5.8	2.1	
		66.2	26.8	5.7	2.2	27.7	12.2	2.5	27.1	6.1	2.8	22.1	5.1	2.3	20.7	4.8	2.2	19.4	4.6	2.2	
75.2		60.8	24.1	9.0	2.0	24.9	19.4	2.4	24.4	9.7	2.6	19.9	8.0	2.1	18.6	7.7	2.0	17.4	7.3	2.1	
		66.2	27.4	8.7	2.2	28.2	18.8	2.6	27.7	9.4	2.8	22.6	7.8	2.3	21.2	7.5	2.2	19.8	7.1	2.2	
		73.4	26.8	4.1	2.3	27.7	8.9	2.7	27.1	4.4	2.9	22.1	3.7	2.4	20.8	3.5	2.3	19.4	3.3	2.3	
80.6		60.8	25.2	11.2	2.1	25.9	24.2	2.5	25.4	12.1	2.8	20.7	10.1	2.3	19.5	9.6	2.1	18.2	9.1	2.2	
		66.2	28.0	11.2	2.2	28.8	24.0	2.6	28.2	12.0	2.8	23.1	10.0	2.3	21.6	9.5	2.2	20.2	9.1	2.3	
		73.4	29.6	7.6	2.3	30.5	16.3	2.7	29.9	8.1	2.9	24.4	6.8	2.4	22.9	6.5	2.3	21.4	6.1	2.3	
84.2		66.2	28.5	11.9	2.2	29.4	25.7	2.6	28.8	12.8	2.9	23.5	10.7	2.4	22.0	10.2	2.2	20.6	9.7	2.3	
		60.8	26.5	12.5	2.2	27.3	27.1	2.5	26.8	13.5	2.8	21.8	11.2	2.3	20.5	10.6	2.2	19.1	9.9	2.2	
		66.2	28.8	12.7	2.2	29.7	27.5	2.6	29.1	13.7	2.9	23.7	11.4	2.4	22.3	10.9	2.2	20.8	10.4	2.3	
86.0		73.4	30.2	10.4	2.3	31.2	22.5	2.7	30.5	11.2	2.9	24.9	9.3	2.4	23.4	8.9	2.3	21.8	8.5	2.3	
		60.8	27.9	13.6	2.2	28.7	29.3	2.6	28.1	14.6	2.8	23.0	11.9	2.3	21.5	11.2	2.2	20.1	10.4	2.3	
		66.2	29.6	14.3	2.3	30.5	30.8	2.7	29.9	15.4	2.9	24.4	12.7	2.4	22.9	11.9	2.3	21.4	11.1	2.3	
89.6		73.4	29.6	12.6	2.2	30.5	27.1	2.6	29.9	13.5	2.9	24.4	11.3	2.4	22.9	10.8	2.2	21.4	10.2	2.3	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD36NK3C1O/GUHD36NM3C1O Indoor Unit:GFH36K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			5			14			19.4			23			32		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1083	64.4	48.2	13.6	5.6	1.2	13.8	5.8	1.3	14.0	6.0	1.3	14.2	6.1	1.3	14.4	6.3	1.3
		53.6	14.1	3.7	1.3	14.3	3.8	1.3	14.5	3.9	1.3	14.7	4.0	1.4	14.9	4.1	1.4
		59.0	17.0	3.8	1.4	17.2	3.9	1.5	17.5	4.0	1.5	17.7	4.1	1.5	18.0	4.2	1.5
	69.8	53.6	16.9	8.5	1.5	17.1	8.8	1.5	17.4	9.1	1.6	17.7	9.3	1.6	17.9	9.6	1.6
		59.0	17.3	7.0	1.5	17.6	7.2	1.6	17.8	7.4	1.6	18.1	7.6	1.6	18.3	7.8	1.6
		66.2	20.1	5.5	1.6	20.4	5.7	1.7	20.7	5.9	1.7	21.0	6.0	1.7	21.3	6.2	1.8
	75.2	60.8	18.1	8.8	1.5	18.3	9.0	1.6	18.6	9.3	1.6	18.9	9.6	1.6	19.2	9.8	1.6
		66.2	20.5	8.5	1.7	20.8	8.8	1.7	21.1	9.0	1.7	21.5	9.3	1.8	21.8	9.5	1.8
		73.4	20.1	4.0	1.7	20.4	4.1	1.8	20.7	4.2	1.8	21.0	4.4	1.8	21.3	4.5	1.9
	80.6	60.8	18.8	11.0	1.6	19.1	11.3	1.7	19.4	11.6	1.7	19.7	11.9	1.7	20.0	12.3	1.7
		66.2	20.9	10.9	1.7	21.3	11.2	1.7	21.6	11.5	1.7	21.9	11.8	1.8	22.2	12.2	1.8
		73.4	22.2	7.4	1.7	22.5	7.6	1.7	22.9	7.8	1.8	23.2	8.0	1.8	23.5	8.3	1.8
	84.2	66.2	21.4	11.6	1.7	21.7	12.0	1.7	22.0	12.3	1.8	22.3	12.7	1.8	22.7	13.0	1.8
		60.8	19.8	12.2	1.6	20.1	12.6	1.7	20.4	13.0	1.7	20.7	13.3	1.7	21.0	13.7	1.8
		66.2	21.6	12.4	1.7	21.9	12.8	1.7	22.2	13.2	1.8	22.6	13.5	1.8	22.9	13.9	1.8
	86.0	73.4	22.6	10.2	1.7	23.0	10.5	1.8	23.3	10.8	1.8	23.7	11.1	1.8	24.0	11.4	1.9
		60.8	20.9	13.2	1.7	21.2	13.6	1.7	21.5	14.0	1.7	21.8	14.4	1.8	22.1	14.8	1.8
		66.2	22.2	13.9	1.7	22.5	14.4	1.7	22.9	14.8	1.8	23.2	15.2	1.8	23.5	15.6	1.8
89.6	73.4	24.6	13.6	1.8	25.0	14.0	1.8	25.3	14.4	1.8	25.7	14.8	1.9	26.1	15.2	1.9	
	48.2	14.3	6.2	1.3	14.5	6.4	1.3	14.7	6.6	1.3	15.0	6.8	1.3	15.2	6.9	1.3	
	64.4	53.6	14.8	4.0	1.3	15.1	4.2	1.3	15.3	4.3	1.4	15.5	4.4	1.4	15.7	4.5	1.4
59.0		17.9	4.2	1.4	18.1	4.3	1.5	18.4	4.4	1.5	18.7	4.5	1.5	19.0	4.7	1.5	
53.6		17.8	9.4	1.5	18.1	9.7	1.5	18.3	10.0	1.6	18.6	10.3	1.6	18.9	10.5	1.6	
69.8	59.0	18.2	7.7	1.5	18.5	7.9	1.6	18.8	8.2	1.6	19.0	8.4	1.6	19.3	8.6	1.7	
	66.2	21.2	6.1	1.7	21.5	6.3	1.7	21.8	6.4	1.7	22.1	6.6	1.8	22.5	6.8	1.8	
	60.8	19.0	9.7	1.5	19.3	9.9	1.6	19.6	10.2	1.6	19.9	10.5	1.6	20.2	10.8	1.7	
75.2	66.2	21.6	9.4	1.7	22.0	9.7	1.7	22.3	9.9	1.7	22.6	10.2	1.8	22.9	10.5	1.8	
	73.4	21.2	4.4	1.7	21.5	4.5	1.8	21.8	4.7	1.8	22.2	4.8	1.8	22.5	4.9	1.9	
	60.8	19.9	12.1	1.6	20.2	12.4	1.7	20.5	12.8	1.7	20.8	13.1	1.7	21.1	13.5	1.8	
80.6	66.2	22.1	12.0	1.7	22.4	12.3	1.7	22.7	12.7	1.8	23.1	13.0	1.8	23.4	13.4	1.8	
	73.4	23.4	8.1	1.7	23.7	8.4	1.8	24.1	8.6	1.8	24.5	8.8	1.8	24.8	9.1	1.9	
	66.2	22.5	12.8	1.7	22.9	13.2	1.7	23.2	13.6	1.8	23.5	14.0	1.8	23.9	14.4	1.8	
84.2	60.8	20.9	13.5	1.7	21.2	13.9	1.7	21.5	14.3	1.7	21.9	14.7	1.8	22.2	15.1	1.8	
	66.2	22.7	13.7	1.7	23.1	14.1	1.7	23.4	14.5	1.8	23.8	14.9	1.8	24.1	15.3	1.8	
	73.4	23.9	11.2	1.7	24.2	11.5	1.8	24.6	11.9	1.8	25.0	12.2	1.8	25.3	12.5	1.9	
86.0	60.8	22.0	14.6	1.7	22.3	15.0	1.7	22.7	15.4	1.8	23.0	15.9	1.8	23.3	16.3	1.8	
	66.2	23.4	15.4	1.7	23.7	15.8	1.8	24.1	16.3	1.8	24.5	16.7	1.8	24.8	17.2	1.9	
	73.4	24.6	14.2	1.8	25.0	14.6	1.8	25.3	15.0	1.8	25.7	15.5	1.9	26.1	15.9	1.9	
89.6	48.2	14.6	6.8	1.3	14.8	7.0	1.3	15.0	7.2	1.3	15.3	7.4	1.3	15.5	7.6	1.4	
	53.6	15.1	4.4	1.3	15.4	4.6	1.3	15.6	4.7	1.4	15.8	4.8	1.4	16.1	5.0	1.4	
	59.0	18.2	4.6	1.5	18.5	4.7	1.5	18.8	4.8	1.5	19.1	5.0	1.5	19.3	5.1	1.6	
64.4	53.6	18.2	10.3	1.5	18.4	10.6	1.6	18.7	10.9	1.6	19.0	11.2	1.6	19.3	11.6	1.6	
	59.0	18.6	8.4	1.6	18.9	8.7	1.6	19.2	8.9	1.6	19.4	9.2	1.6	19.7	9.5	1.7	
	66.2	21.6	6.7	1.7	21.9	6.9	1.7	22.3	7.1	1.7	22.6	7.3	1.8	22.9	7.5	1.8	
69.8	60.8	19.4	10.6	1.6	19.7	10.9	1.6	20.0	11.2	1.6	20.3	11.5	1.6	20.6	11.9	1.7	
	66.2	22.1	10.3	1.7	22.4	10.6	1.7	22.7	10.9	1.8	23.1	11.2	1.8	23.4	11.5	1.8	
	73.4	21.6	4.8	1.8	22.0	5.0	1.8	22.3	5.1	1.8	22.6	5.3	1.9	22.9	5.4	1.9	
75.2	60.8	20.3	13.2	1.7	20.6	13.6	1.7	20.9	14.0	1.7	21.2	14.4	1.8	21.5	14.8	1.8	
	66.2	22.5	13.1	1.7	22.9	13.5	1.7	23.2	13.9	1.8	23.5	14.3	1.8	23.9	14.7	1.8	
	73.4	23.9	8.9	1.7	24.2	9.2	1.8	24.6	9.4	1.8	25.0	9.7	1.8	25.3	10.0	1.9	
80.6	66.2	23.0	14.1	1.7	23.3	14.5	1.8	23.7	14.9	1.8	24.0	15.3	1.8	24.4	15.7	1.9	
	60.8	21.3	14.8	1.7	21.7	15.2	1.7	22.0	15.7	1.7	22.3	16.1	1.8	22.6	16.5	1.8	
	66.2	23.2	15.0	1.7	23.5	15.5	1.8	23.9	15.9	1.8	24.2	16.4	1.8	24.6	16.8	1.9	
84.2	73.4	24.4	12.3	1.8	24.7	12.7	1.8	25.1	13.0	1.8	25.5	13.4	1.9	25.8	13.8	1.9	
	60.8	22.4	16.0	1.7	22.8	16.5	1.7	23.1	16.9	1.8	23.5	17.4	1.8	23.8	17.9	1.8	
	66.2	23.9	16.8	1.7	24.2	17.3	1.8	24.6	17.8	1.8	25.0	18.3	1.8	25.3	18.9	1.9	
86.0	73.4	24.6	15.3	1.8	25.0	15.7	1.8	25.3	16.2	1.8	25.7	16.6	1.9	26.1	17.1	1.9	

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			5			14			19.4			23			32		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1489	64.4	48.2	14.9	5.0	1.3	15.1	5.1	1.3	15.3	5.3	1.3	15.6	5.4	1.3	15.8	5.6	1.4
		53.6	15.4	3.3	1.3	15.7	3.4	1.4	15.9	3.5	1.4	16.1	3.6	1.4	16.4	3.7	1.4
		59.0	18.6	3.4	1.5	18.9	3.5	1.5	19.2	3.6	1.5	19.5	3.7	1.6	19.7	3.8	1.6
	69.8	53.6	18.5	7.6	1.5	18.8	7.8	1.6	19.1	8.0	1.6	19.4	8.3	1.6	19.6	8.5	1.7
		59.0	19.0	6.2	1.6	19.3	6.4	1.6	19.5	6.6	1.6	19.8	6.8	1.7	20.1	6.9	1.7
		66.2	22.1	4.9	1.7	22.4	5.1	1.7	22.7	5.2	1.8	23.1	5.3	1.8	23.4	5.5	1.8
	75.2	60.8	19.8	7.8	1.6	20.1	8.0	1.6	20.4	8.2	1.6	20.7	8.5	1.7	21.0	8.7	1.7
		66.2	22.5	7.6	1.7	22.9	7.8	1.7	23.2	8.0	1.8	23.5	8.2	1.8	23.9	8.5	1.8
		73.4	22.1	3.6	1.8	22.4	3.7	1.8	22.7	3.8	1.8	23.1	3.9	1.9	23.4	4.0	1.9
	80.6	60.8	20.7	9.7	1.7	21.0	10.0	1.7	21.3	10.3	1.7	21.6	10.6	1.8	21.9	10.9	1.8
		66.2	23.0	9.6	1.7	23.3	9.9	1.8	23.7	10.2	1.8	24.0	10.5	1.8	24.4	10.8	1.9
		73.4	24.3	6.5	1.8	24.7	6.7	1.8	25.1	6.9	1.8	25.5	7.1	1.9	25.8	7.3	1.9
	84.2	66.2	23.4	10.3	1.7	23.8	10.6	1.8	24.1	10.9	1.8	24.5	11.2	1.8	24.8	11.6	1.9
		60.8	21.8	10.9	1.7	22.1	11.2	1.7	22.4	11.5	1.8	22.8	11.8	1.8	23.1	12.2	1.8
		66.2	23.7	11.0	1.7	24.0	11.3	1.8	24.4	11.7	1.8	24.7	12.0	1.8	25.1	12.3	1.9
	86.0	73.4	24.8	9.0	1.8	25.2	9.3	1.8	25.6	9.6	1.8	26.0	9.8	1.9	26.3	10.1	1.9
		60.8	22.9	11.7	1.7	23.2	12.1	1.8	23.6	12.4	1.8	23.9	12.8	1.8	24.3	13.1	1.9
		66.2	24.3	12.4	1.8	24.7	12.7	1.8	25.1	13.1	1.8	25.5	13.5	1.9	25.8	13.8	1.9
89.6	73.4	24.6	11.0	1.8	25.0	11.3	1.8	25.3	11.6	1.8	25.7	12.0	1.9	26.1	12.3	1.9	
	64.4	48.2	15.0	3.6	1.3	15.3	3.7	1.3	15.5	3.8	1.3	15.7	4.0	1.4	15.9	4.1	1.4
	53.6	15.6	2.4	1.4	15.8	2.4	1.4	16.1	2.5	1.4	16.3	2.6	1.4	16.5	2.7	1.5	
1625	64.4	59.0	18.8	2.4	1.5	19.1	2.5	1.5	19.4	2.6	1.5	19.6	2.7	1.6	19.9	2.7	1.6
		53.6	18.7	5.5	1.6	19.0	5.7	1.6	19.3	5.8	1.6	19.6	6.0	1.6	19.8	6.2	1.7
		59.0	19.1	4.5	1.6	19.4	4.6	1.6	19.7	4.8	1.7	20.0	4.9	1.7	20.3	5.0	1.7
	69.8	66.2	22.3	3.6	1.7	22.6	3.7	1.7	22.9	3.8	1.8	23.3	3.9	1.8	23.6	4.0	1.8
		60.8	20.0	5.7	1.6	20.3	5.8	1.6	20.6	6.0	1.6	20.9	6.2	1.7	21.2	6.3	1.7
		66.2	22.7	5.5	1.7	23.1	5.7	1.8	23.4	5.8	1.8	23.8	6.0	1.8	24.1	6.2	1.9
	75.2	73.4	22.3	2.6	1.8	22.6	2.7	1.8	23.0	2.7	1.9	23.3	2.8	1.9	23.6	2.9	1.9
		60.8	20.9	7.1	1.7	21.2	7.3	1.7	21.5	7.5	1.8	21.8	7.7	1.8	22.1	7.9	1.8
		66.2	23.2	7.0	1.7	23.5	7.2	1.8	23.9	7.4	1.8	24.2	7.6	1.8	24.6	7.9	1.9
	80.6	73.4	24.6	4.8	1.8	25.0	4.9	1.8	25.3	5.0	1.8	25.7	5.2	1.9	26.1	5.3	1.9
		66.2	23.7	7.5	1.8	24.0	7.7	1.8	24.4	8.0	1.8	24.7	8.2	1.9	25.1	8.4	1.9
		60.8	22.0	7.9	1.7	22.3	8.1	1.7	22.6	8.4	1.8	23.0	8.6	1.8	23.3	8.8	1.8
	86.0	66.2	23.9	8.0	1.8	24.3	8.3	1.8	24.6	8.5	1.8	25.0	8.7	1.9	25.3	9.0	1.9
		73.4	25.1	6.6	1.8	25.5	6.8	1.8	25.8	7.0	1.9	26.2	7.2	1.9	26.6	7.4	1.9
		60.8	23.1	8.5	1.7	23.5	8.8	1.8	23.8	9.0	1.8	24.2	9.3	1.8	24.5	9.6	1.9
	89.6	66.2	24.6	9.0	1.8	25.0	9.3	1.8	25.3	9.5	1.8	25.7	9.8	1.9	26.1	10.1	1.9
		73.4	24.6	7.9	1.8	25.0	8.1	1.8	25.3	8.4	1.8	25.7	8.6	1.9	26.1	8.9	1.9

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AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			41			50			59			64.4			69.8			77		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1083	64.4	48.2	14.6	6.5	1.4	14.8	6.7	1.4	15.0	6.8	1.4	15.4	7.1	1.5	16.4	8.1	1.6	19.1	9.9	1.7
		53.6	15.1	4.2	1.4	15.4	4.3	1.4	15.6	4.5	1.5	16.0	4.6	1.5	17.1	5.3	1.7	19.8	6.5	1.8
		59.0	18.2	4.4	1.6	18.5	4.5	1.6	18.8	4.6	1.6	19.3	4.8	1.7	20.6	5.4	1.8	23.9	6.7	1.9
	69.8	53.6	18.2	9.8	1.6	18.4	10.1	1.7	18.7	10.4	1.7	19.2	10.8	1.8	20.5	12.2	1.9	23.8	15.1	2.0
		59.0	18.6	8.0	1.7	18.9	8.3	1.7	19.1	8.5	1.7	19.6	8.8	1.8	21.0	10.0	1.9	24.4	12.3	2.1
		66.2	21.6	6.4	1.8	21.9	6.5	1.8	22.2	6.7	1.9	22.8	7.0	1.9	24.4	7.9	2.1	28.3	9.7	2.2
	75.2	60.8	19.4	10.1	1.7	19.7	10.4	1.7	20.0	10.6	1.7	20.5	11.1	1.8	21.9	12.6	1.9	25.4	15.5	2.1
		66.2	22.1	9.8	1.8	22.4	10.1	1.8	22.7	10.3	1.9	23.3	10.8	2.0	24.9	12.2	2.1	28.9	15.0	2.3
		73.4	21.6	4.6	1.9	21.9	4.7	1.9	22.2	4.9	1.9	22.9	5.1	2.0	24.4	5.7	2.2	28.3	7.1	2.4
	80.6	60.8	20.3	12.6	1.8	20.6	12.9	1.8	20.8	13.3	1.8	21.4	13.8	1.9	22.8	15.7	2.1	26.6	19.3	2.2
		66.2	22.5	12.5	1.8	22.8	12.8	1.9	23.2	13.2	1.9	23.8	13.7	2.0	25.4	15.6	2.1	29.5	19.1	2.3
		73.4	23.9	8.5	1.9	24.2	8.7	1.9	24.6	8.9	1.9	25.2	9.3	2.0	26.9	10.6	2.2	31.3	13.0	2.3
	84.2	66.2	23.0	13.4	1.8	23.3	13.8	1.9	23.6	14.1	1.9	24.3	14.7	2.0	25.9	16.7	2.2	30.1	20.5	2.3
		60.8	21.3	14.1	1.8	21.6	14.5	1.8	22.0	14.8	1.9	22.6	15.4	1.9	24.1	17.5	2.1	28.0	21.5	2.2
		66.2	23.2	14.3	1.8	23.5	14.7	1.9	23.9	15.1	1.9	24.5	15.7	2.0	26.1	17.8	2.2	30.4	21.9	2.3
	86.0	73.4	24.4	11.7	1.9	24.7	12.0	1.9	25.1	12.4	1.9	25.7	12.9	2.0	27.5	14.6	2.2	31.9	17.9	2.4
		60.8	22.4	15.2	1.8	22.8	15.6	1.9	23.1	16.1	1.9	23.7	16.7	2.0	25.3	18.9	2.1	29.4	23.3	2.3
		66.2	23.9	16.0	1.9	24.2	16.5	1.9	24.6	16.9	1.9	25.2	17.6	2.0	26.9	20.0	2.2	31.3	24.6	2.3
89.6	73.4	26.4	15.6	1.9	26.8	16.1	2.0	27.2	16.5	2.0	27.9	17.2	2.1	29.8	19.4	2.2	34.6	23.9	2.4	
	48.2	15.4	7.1	1.4	15.6	7.3	1.4	15.8	7.5	1.4	16.3	7.8	1.5	17.3	8.9	1.6	20.2	10.9	1.7	
	53.6	16.0	4.7	1.4	16.2	4.8	1.5	16.4	4.9	1.5	16.9	5.1	1.6	18.0	5.8	1.7	20.9	7.1	1.8	
1218	64.4	59.0	19.2	4.8	1.6	19.5	4.9	1.6	19.8	5.1	1.6	20.3	5.3	1.7	21.7	6.0	1.8	25.2	7.3	2.0
		53.6	19.1	10.8	1.7	19.4	11.1	1.7	19.7	11.4	1.7	20.2	11.9	1.8	21.6	13.5	1.9	25.1	16.6	2.1
		59.0	19.6	8.9	1.7	19.9	9.1	1.7	20.2	9.3	1.7	20.7	9.7	1.8	22.1	11.0	2.0	25.7	13.6	2.1
	69.8	66.2	22.8	7.0	1.8	23.1	7.2	1.8	23.4	7.4	1.9	24.1	7.7	2.0	25.7	8.7	2.1	29.9	10.7	2.3
		60.8	20.5	11.1	1.7	20.8	11.4	1.7	21.1	11.7	1.7	21.6	12.2	1.8	23.1	13.8	2.0	26.8	17.0	2.1
		66.2	23.3	10.8	1.8	23.6	11.1	1.9	23.9	11.4	1.9	24.6	11.8	2.0	26.2	13.4	2.1	30.5	16.5	2.3
	75.2	73.4	22.8	5.1	1.9	23.1	5.2	1.9	23.4	5.4	2.0	24.1	5.6	2.1	25.7	6.3	2.2	29.9	7.8	2.4
		60.8	21.4	13.9	1.8	21.7	14.3	1.8	22.0	14.6	1.9	22.6	15.2	1.9	24.1	17.3	2.1	28.0	21.3	2.2
		66.2	23.7	13.8	1.9	24.1	14.1	1.9	24.4	14.5	1.9	25.1	15.1	2.0	26.8	17.1	2.2	31.1	21.1	2.3
	80.6	73.4	25.2	9.3	1.9	25.5	9.6	1.9	25.9	9.9	2.0	26.6	10.3	2.0	28.4	11.6	2.2	33.0	14.3	2.4
		66.2	24.2	14.7	1.9	24.6	15.2	1.9	24.9	15.6	1.9	25.6	16.2	2.0	27.3	18.3	2.2	31.7	22.6	2.3
		60.8	22.5	15.5	1.8	22.8	15.9	1.8	23.1	16.3	1.9	23.8	17.0	2.0	25.3	19.3	2.1	29.5	23.7	2.3
	86.0	66.2	24.5	15.7	1.9	24.8	16.2	1.9	25.1	16.6	1.9	25.8	17.3	2.0	27.6	19.6	2.2	32.0	24.1	2.3
		73.4	25.7	12.9	1.9	26.0	13.2	1.9	26.4	13.6	2.0	27.1	14.2	2.1	28.9	16.0	2.2	33.6	19.7	2.4
		60.8	23.7	16.8	1.8	24.0	17.2	1.9	24.3	17.7	1.9	25.0	18.4	2.0	26.7	20.9	2.2	31.0	25.7	2.3
	89.6	66.2	25.2	17.7	1.9	25.5	18.1	1.9	25.9	18.6	2.0	26.6	19.4	2.0	28.4	22.0	2.2	33.0	27.0	2.4
		73.4	26.4	16.3	1.9	26.8	16.8	2.0	27.2	17.2	2.0	27.9	17.9	2.1	29.8	20.3	2.2	34.6	25.0	2.4
		48.2	15.7	7.8	1.4	15.9	8.0	1.4	16.1	8.3	1.4	16.6	8.6	1.5	17.7	9.7	1.6	20.6	12.0	1.7
1354	64.4	53.6	16.3	5.1	1.4	16.5	5.2	1.5	16.7	5.4	1.5	17.2	5.6	1.6	18.4	6.4	1.7	21.3	7.8	1.8
		59.0	19.6	5.3	1.6	19.9	5.4	1.6	20.2	5.6	1.6	20.7	5.8	1.7	22.1	6.5	1.9	25.7	8.1	2.0
		53.6	19.5	11.9	1.7	19.8	12.2	1.7	20.1	12.5	1.7	20.6	13.0	1.8	22.0	14.8	1.9	25.6	18.2	2.1
	69.8	59.0	20.0	9.7	1.7	20.3	10.0	1.7	20.6	10.3	1.8	21.1	10.7	1.8	22.5	12.1	2.0	26.2	14.9	2.1
		66.2	23.3	7.7	1.8	23.6	7.9	1.9	23.9	8.1	1.9	24.6	8.4	2.0	26.2	9.6	2.1	30.5	11.8	2.3
		60.8	20.9	12.2	1.7	21.2	12.5	1.7	21.5	12.9	1.8	22.1	13.4	1.8	23.5	15.2	2.0	27.4	18.7	2.1
	75.2	66.2	23.7	11.8	1.9	24.1	12.2	1.9	24.4	12.5	1.9	25.1	13.0	2.0	26.8	14.7	2.2	31.1	18.1	2.3
		73.4	23.3	5.6	1.9	23.6	5.7	2.0	23.9	5.9	2.0	24.6	6.1	2.1	26.2	6.9	2.2	30.5	8.5	2.4
		60.8	21.8	15.2	1.8	22.1	15.6	1.8	22.4	16.1	1.9	23.0	16.7	2.0	24.6	18.9	2.1	28.6	23.3	2.3
	80.6	66.2	24.2	15.1	1.9	24.6	15.5	1.9	24.9	15.9	1.9	25.6	16.6	2.0	27.3	18.8	2.2	31.7	23.1	2.3
		73.4	25.7	10.3	1.9	26.0	10.5	1.9	26.4	10.8	2.0	27.1	11.2	2.1	28.9	12.7	2.2	33.6	15.7	2.4
		66.2	24.7	16.2	1.9	25.1	16.6	1.9	25.4	17.1	2.0	26.1	17.8	2.0	27.8	20.1	2.2	32.4	24.8	2.4
	84.2	60.8	23.0	17.0	1.8	23.3	17.5	1.9	23.6	17.9	1.9	24.2	18.7	2.0	25.9	21.2	2.1	30.1	26.0	2.3
		66.2	25.0	17.3	1.9	25.3	17.7	1.9	25.7	18.2	2.0	26.4	19.0	2.0	28.1	21.5	2.2	32.7	26.4	2.4
		73.4	26.2	14.1	1.9	26.6	14.5	2.0	26.9	14.9	2.0	27.7	15.5	2.1	29.5	17.6	2.2	34.3	21.7	2.4
	86.0	60.8	24.1	18.4	1.9	24.5	18.9	1.9	24.8	19.4	1.9	25.5	20.2	2.0	27.2	22.9	2.2	31.6	28.2	2.3
		66.2	25.7	19.4	1.9	26.0	19.9	1.9	26.4	20.4	2.0	27.1	21.3	2.1	28.9	24.1	2.2	33.6	29.7	2.4
		73.4	26.4	17.6	1.9	26.8	18.0	2.0	27.2	18.5	2.0	27.9	19.3	2.1	29.8	21.8	2.2	34.6	26.9	2.4

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			41			50			59			64.4			69.8			77		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1489	64.4	48.2	16.0	5.8	1.4	16.2	5.9	1.4	16.5	6.1	1.4	16.9	6.3	1.5	18.0	7.2	1.6	21.0	8.8	1.7
		53.6	16.6	3.8	1.5	16.8	3.9	1.5	17.1	4.0	1.5	17.5	4.1	1.6	18.7	4.7	1.7	21.8	5.7	1.8
		59.0	20.0	3.9	1.6	20.3	4.0	1.6	20.6	4.1	1.7	21.1	4.2	1.7	22.6	4.8	1.9	26.2	5.9	2.0
	69.8	53.6	19.9	8.7	1.7	20.2	9.0	1.7	20.5	9.2	1.7	21.0	9.6	1.8	22.5	10.9	2.0	26.1	13.4	2.1
		59.0	20.4	7.1	1.7	20.7	7.3	1.7	21.0	7.5	1.8	21.5	7.8	1.9	23.0	8.9	2.0	26.7	10.9	2.2
		66.2	23.7	5.6	1.8	24.1	5.8	1.9	24.4	6.0	1.9	25.1	6.2	2.0	26.7	7.0	2.2	31.1	8.6	2.3
	75.2	60.8	21.3	9.0	1.7	21.6	9.2	1.7	21.9	9.4	1.8	22.5	9.8	1.9	24.0	11.1	2.0	27.9	13.7	2.1
		66.2	24.2	8.7	1.9	24.6	8.9	1.9	24.9	9.2	1.9	25.6	9.5	2.0	27.3	10.8	2.2	31.7	13.3	2.3
		73.4	23.7	4.1	1.9	24.1	4.2	2.0	24.4	4.3	2.0	25.1	4.5	2.1	26.7	5.1	2.3	31.1	6.3	2.4
	80.6	60.8	22.2	11.2	1.8	22.6	11.5	1.9	22.9	11.8	1.9	23.5	12.3	2.0	25.1	13.9	2.1	29.1	17.1	2.3
		66.2	24.7	11.1	1.9	25.1	11.4	1.9	25.4	11.7	2.0	26.1	12.2	2.0	27.8	13.8	2.2	32.4	17.0	2.4
		73.4	26.2	7.5	1.9	26.6	7.7	2.0	26.9	7.9	2.0	27.7	8.3	2.1	29.5	9.4	2.2	34.3	11.5	2.4
	84.2	66.2	25.2	11.9	1.9	25.6	12.2	1.9	25.9	12.5	2.0	26.6	13.0	2.1	28.4	14.8	2.2	33.0	18.2	2.4
		60.8	23.4	12.5	1.8	23.7	12.8	1.9	24.1	13.2	1.9	24.7	13.7	2.0	26.4	15.5	2.2	30.7	19.1	2.3
		66.2	25.5	12.7	1.9	25.8	13.0	1.9	26.2	13.4	2.0	26.9	13.9	2.1	28.7	15.8	2.2	33.3	19.4	2.4
	86.0	73.4	26.7	10.4	1.9	27.1	10.7	2.0	27.5	11.0	2.0	28.2	11.4	2.1	30.1	12.9	2.3	35.0	15.9	2.4
		60.8	24.6	13.5	1.9	25.0	13.9	1.9	25.3	14.3	1.9	26.0	14.8	2.0	27.7	16.8	2.2	32.2	20.7	2.4
		66.2	26.2	14.2	1.9	26.6	14.6	2.0	26.9	15.0	2.0	27.7	15.6	2.1	29.5	17.7	2.2	34.3	21.8	2.4
	89.6	73.4	26.4	12.6	1.9	26.8	13.0	2.0	27.2	13.3	2.0	27.9	13.9	2.1	29.8	15.7	2.2	34.6	19.4	2.4
		48.2	16.2	4.2	1.4	16.4	4.3	1.4	16.6	4.4	1.5	17.1	4.6	1.5	18.2	5.2	1.6	21.2	6.4	1.8
		53.6	16.8	2.7	1.5	17.0	2.8	1.5	17.2	2.9	1.5	17.7	3.0	1.6	18.9	3.4	1.7	22.0	4.2	1.8
1625	64.4	59.0	20.2	2.8	1.6	20.5	2.9	1.6	20.8	3.0	1.7	21.3	3.1	1.8	22.8	3.5	1.9	26.5	4.3	2.0
		53.6	20.1	6.3	1.7	20.4	6.5	1.7	20.7	6.7	1.8	21.3	7.0	1.8	22.7	7.9	2.0	26.4	9.7	2.1
		59.0	20.6	5.2	1.7	20.9	5.3	1.8	21.2	5.5	1.8	21.8	5.7	1.9	23.2	6.5	2.0	27.0	7.9	2.2
	69.8	66.2	24.0	4.1	1.9	24.3	4.2	1.9	24.6	4.3	1.9	25.3	4.5	2.0	27.0	5.1	2.2	31.4	6.3	2.3
		60.8	21.5	6.5	1.7	21.8	6.7	1.8	22.1	6.9	1.8	22.7	7.1	1.9	24.2	8.1	2.0	28.2	10.0	2.2
		66.2	24.5	6.3	1.9	24.8	6.5	1.9	25.1	6.7	2.0	25.8	6.9	2.0	27.6	7.9	2.2	32.0	9.7	2.4
	75.2	73.4	24.0	3.0	2.0	24.3	3.1	2.0	24.6	3.1	2.0	25.3	3.3	2.1	27.0	3.7	2.3	31.4	4.6	2.5
		60.8	22.5	8.1	1.8	22.8	8.4	1.9	23.1	8.6	1.9	23.7	8.9	2.0	25.3	10.1	2.2	29.4	12.5	2.3
		66.2	25.0	8.1	1.9	25.3	8.3	1.9	25.7	8.5	2.0	26.4	8.9	2.1	28.1	10.0	2.2	32.7	12.4	2.4
	80.6	73.4	26.4	5.5	1.9	26.8	5.6	2.0	27.2	5.8	2.0	27.9	6.0	2.1	29.8	6.8	2.3	34.6	8.4	2.4
		66.2	25.5	8.6	1.9	25.8	8.9	2.0	26.2	9.1	2.0	26.9	9.5	2.1	28.7	10.7	2.2	33.3	13.2	2.4
		60.8	23.6	9.1	1.9	24.0	9.3	1.9	24.3	9.6	1.9	25.0	10.0	2.0	26.6	11.3	2.2	31.0	13.9	2.3
	86.0	66.2	25.7	9.2	1.9	26.1	9.5	2.0	26.4	9.7	2.0	27.1	10.1	2.1	29.0	11.5	2.2	33.7	14.1	2.4
		73.4	27.0	7.6	2.0	27.4	7.8	2.0	27.7	8.0	2.0	28.5	8.3	2.1	30.4	9.4	2.3	35.3	11.6	2.5
		60.8	24.9	9.8	1.9	25.2	10.1	1.9	25.6	10.4	2.0	26.3	10.8	2.1	28.0	12.2	2.2	32.6	15.0	2.4
	89.6	66.2	26.4	10.3	1.9	26.8	10.6	2.0	27.2	10.9	2.0	27.9	11.4	2.1	29.8	12.9	2.3	34.6	15.8	2.4
		73.4	26.4	9.1	1.9	26.8	9.4	2.0	27.2	9.6	2.0	27.9	10.0	2.1	29.8	11.3	2.2	34.6	13.9	2.4

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			86			95			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1083	64.4	48.2	19.9	10.9	1.9	20.6	11.9	2.3	20.2	11.7	2.5	16.4	9.8	2.0	15.4	9.3	1.9	14.4	8.9	2.0
		53.6	20.7	7.1	2.0	21.3	7.7	2.4	20.9	7.7	2.6	17.1	6.4	2.1	16.0	6.1	2.0	14.9	5.8	2.1
		59.0	24.9	7.3	2.2	25.7	8.0	2.6	25.2	7.9	2.8	20.6	6.6	2.3	19.3	6.3	2.2	18.0	6.0	2.3
	69.8	53.6	24.8	16.6	2.3	25.6	18.0	2.7	25.1	17.8	3.0	20.5	14.8	2.5	19.2	14.2	2.3	17.9	13.5	2.4
		59.0	25.4	13.6	2.4	26.2	14.7	2.8	25.7	14.6	3.0	21.0	12.1	2.5	19.6	11.6	2.4	18.3	11.0	2.4
		66.2	29.5	10.7	2.5	30.5	11.6	3.0	29.9	11.5	3.3	24.4	9.6	2.7	22.8	9.2	2.5	21.3	8.7	2.6
	75.2	60.8	26.5	17.0	2.4	27.4	18.5	2.8	26.8	18.3	3.0	21.9	15.2	2.5	20.5	14.5	2.4	19.2	13.8	2.4
		66.2	30.2	16.5	2.6	31.1	17.9	3.0	30.5	17.8	3.3	24.9	14.8	2.7	23.3	14.1	2.6	21.8	13.4	2.6
		73.4	29.6	7.8	2.7	30.5	8.4	3.1	29.9	8.4	3.4	24.4	7.0	2.8	22.9	6.6	2.7	21.3	6.3	2.7
	80.6	60.8	27.7	21.2	2.5	28.6	23.1	3.0	28.0	22.8	3.2	22.8	19.0	2.7	21.4	18.2	2.5	20.0	17.3	2.6
		66.2	30.8	21.1	2.6	31.7	22.9	3.1	31.1	22.6	3.3	25.4	18.8	2.7	23.8	18.0	2.6	22.2	17.1	2.7
		73.4	32.6	14.3	2.6	33.6	15.5	3.1	33.0	15.4	3.4	26.9	12.8	2.8	25.2	12.2	2.6	23.5	11.6	2.7
	84.2	66.2	31.4	22.6	2.6	32.4	24.5	3.1	31.7	24.2	3.4	25.9	20.2	2.8	24.3	19.3	2.6	22.7	18.4	2.7
		60.8	29.2	23.7	2.5	30.1	25.7	3.0	29.5	25.5	3.3	24.1	21.2	2.7	22.6	20.1	2.5	21.0	18.7	2.6
		66.2	31.7	24.1	2.6	32.7	26.2	3.1	32.0	25.9	3.4	26.1	21.6	2.8	24.5	20.6	2.6	22.9	19.6	2.7
	86.0	73.4	33.3	19.7	2.7	34.3	21.4	3.1	33.6	21.2	3.4	27.5	17.6	2.8	25.7	16.9	2.7	24.0	16.0	2.7
		60.8	30.7	25.7	2.6	31.6	27.9	3.1	31.0	27.6	3.3	25.3	22.5	2.7	23.7	21.1	2.6	22.1	19.7	2.7
		66.2	32.6	27.0	2.6	33.6	29.3	3.1	33.0	29.0	3.4	26.9	23.9	2.8	25.2	22.5	2.6	23.5	21.0	2.7
89.6	73.4	36.1	26.4	2.7	37.3	28.6	3.2	36.5	28.3	3.5	29.8	23.6	2.9	27.9	22.5	2.7	26.1	21.4	2.8	
	48.2	21.0	12.0	1.9	21.7	13.1	2.3	21.2	12.9	2.5	17.3	10.8	2.1	16.3	10.3	1.9	15.2	9.8	2.0	
	53.6	21.8	7.9	2.0	22.5	8.5	2.4	22.0	8.4	2.6	18.0	7.0	2.1	16.9	6.7	2.0	15.7	6.4	2.1	
1218	64.4	59.0	26.3	8.1	2.2	27.1	8.8	2.6	26.5	8.7	2.9	21.7	7.2	2.4	20.3	6.9	2.2	19.0	6.6	2.3
		53.6	26.2	18.3	2.3	27.0	19.8	2.8	26.4	19.6	3.0	21.6	16.3	2.5	20.2	15.6	2.3	18.9	14.8	2.4
		59.0	26.8	14.9	2.4	27.6	16.2	2.8	27.1	16.0	3.1	22.1	13.4	2.5	20.7	12.8	2.4	19.3	12.1	2.4
	69.8	66.2	31.1	11.8	2.6	32.1	12.8	3.0	31.5	12.7	3.3	25.7	10.6	2.7	24.1	10.1	2.6	22.5	9.6	2.6
		60.8	28.0	18.7	2.4	28.8	20.3	2.8	28.3	20.1	3.1	23.1	16.8	2.5	21.6	16.0	2.4	20.2	15.2	2.4
		66.2	31.8	18.2	2.6	32.8	19.7	3.1	32.1	19.5	3.3	26.2	16.3	2.7	24.6	15.6	2.6	22.9	14.8	2.7
	75.2	73.4	31.2	8.6	2.7	32.1	9.3	3.2	31.5	9.2	3.5	25.7	7.7	2.9	24.1	7.3	2.7	22.5	7.0	2.8
		60.8	29.2	23.4	2.5	30.1	25.4	3.0	29.5	25.1	3.3	24.1	20.9	2.7	22.6	20.0	2.5	21.1	19.0	2.6
		66.2	32.4	23.2	2.6	33.4	25.2	3.1	32.8	24.9	3.4	26.8	20.8	2.8	25.1	19.8	2.6	23.4	18.9	2.7
	80.6	73.4	34.4	15.7	2.7	35.4	17.1	3.1	34.7	16.9	3.4	28.4	14.1	2.8	26.6	13.5	2.7	24.8	12.8	2.7
		66.2	33.1	24.9	2.6	34.1	27.0	3.1	33.4	26.7	3.4	27.3	22.2	2.8	25.6	21.2	2.6	23.9	20.2	2.7
		60.8	30.7	26.1	2.6	31.7	28.3	3.0	31.1	28.1	3.3	25.3	23.4	2.7	23.8	22.1	2.6	22.2	20.6	2.6
	86.0	66.2	33.4	26.5	2.6	34.4	28.8	3.1	33.8	28.5	3.4	27.6	23.7	2.8	25.8	22.7	2.6	24.1	21.6	2.7
		73.4	35.1	21.7	2.7	36.2	23.6	3.2	35.4	23.3	3.5	28.9	19.4	2.9	27.1	18.6	2.7	25.3	17.7	2.8
		60.8	32.3	28.3	2.6	33.3	30.7	3.1	32.7	30.4	3.4	26.7	24.8	2.8	25.0	23.2	2.6	23.3	21.7	2.7
	89.6	66.2	34.4	29.8	2.7	35.4	32.3	3.1	34.7	32.0	3.4	28.4	26.4	2.8	26.6	24.7	2.7	24.8	23.1	2.7
		73.4	36.1	27.5	2.7	37.3	29.9	3.2	36.5	29.6	3.5	29.8	24.6	2.9	27.9	23.5	2.7	26.1	22.4	2.8
		48.2	21.4	13.2	2.0	22.1	14.3	2.3	21.7	14.2	2.5	17.7	11.8	2.1	16.6	11.3	2.0	15.5	10.7	2.0
1354	64.4	53.6	22.3	8.6	2.0	22.9	9.3	2.4	22.5	9.3	2.6	18.4	7.7	2.2	17.2	7.4	2.0	16.1	7.0	2.1
		59.0	26.8	8.9	2.3	27.6	9.6	2.6	27.1	9.5	2.9	22.1	7.9	2.4	20.7	7.6	2.3	19.3	7.2	2.3
		53.6	26.7	20.0	2.4	27.5	21.7	2.8	27.0	21.5	3.0	22.0	17.9	2.5	20.6	17.1	2.4	19.3	16.3	2.4
	69.8	59.0	27.3	16.4	2.4	28.2	17.8	2.8	27.6	17.6	3.1	22.5	14.6	2.6	21.1	14.0	2.4	19.7	13.3	2.5
		66.2	31.8	13.0	2.6	32.8	14.1	3.1	32.1	13.9	3.3	26.2	11.6	2.7	24.6	11.1	2.6	22.9	10.5	2.7
		60.8	28.5	20.6	2.4	29.4	22.3	2.8	28.8	22.1	3.1	23.5	18.4	2.6	22.1	17.6	2.4	20.6	16.7	2.5
	75.2	66.2	32.4	20.0	2.6	33.4	21.7	3.1	32.8	21.4	3.4	26.8	17.9	2.8	25.1	17.1	2.6	23.4	16.2	2.7
		73.4	31.8	9.4	2.7	32.8	10.2	3.2	32.1	10.1	3.5	26.2	8.4	2.9	24.6	8.0	2.7	22.9	7.6	2.8
		60.8	29.8	25.7	2.6	30.7	27.9	3.0	30.1	27.6	3.3	24.6	23.0	2.7	23.0	21.9	2.6	21.5	20.9	2.6
	80.6	66.2	33.1	25.5	2.6	34.1	27.6	3.1	33.4	27.4	3.4	27.3	22.8	2.8	25.6	21.8	2.6	23.9	20.7	2.7
		73.4	35.1	17.3	2.7	36.2	18.7	3.2	35.4	18.6	3.5	28.9	15.4	2.9	27.1	14.8	2.7	25.3	14.0	2.8
		66.2	33.8	27.3	2.7	34.8	29.6	3.1	34.1	29.3	3.4	27.8	24.4	2.8	26.1	23.3	2.7	24.4	22.2	2.7
	84.2	60.8	31.4	28.7	2.6	32.3	31.1	3.1	31.7	30.8	3.3	25.9	25.6	2.7	24.2	24.2	2.6	22.6	22.6	2.7
		66.2	34.1	29.1	2.7	35.1	31.6	3.1	34.4	31.3	3.4	28.1	26.0	2.8	26.4	24.9	2.7	24.6	23.7	2.7
		73.4	35.8	23.8	2.7	36.9	25.9	3.2	36.2	25.6	3.5	29.5	21.3	2.9	27.7	20.4	2.7	25.8	19.4	2.8
	89.6	60.8	33.0	31.0	2.6	34.0	33.7	3.1	33.3	33.3	3.4	27.2	27.2	2.8	25.5	25.5	2.6	23.8	23.8	2.7
		66.2	35.1	32.7	2.7	36.2	35.4	3.2	35.4	35.1	3.5	28.9	28.9	2.9	27.1	27.1	2.7	25.3	25.3	2.8
		73.4	36.1	29.6	2.7	37.3	32.1	3.2	36.5	31.8	3.5	29.8	26.5	2.9	27.9	25.3	2.7	26.1	24.1	2.8

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			86			95			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1489	64.4	48.2	21.9	9.7	2.0	22.6	15.0	2.3	22.1	10.4	2.5	18.0	8.7	2.1	16.9	8.3	2.0	15.8	7.9	2.0
		53.6	22.7	6.3	2.1	23.4	9.8	2.4	22.9	6.8	2.7	18.7	5.7	2.2	17.5	5.4	2.1	16.4	5.1	2.1
		59.0	27.3	6.5	2.3	28.2	10.1	2.7	27.6	7.0	2.9	22.6	5.8	2.4	21.1	5.6	2.3	19.7	5.3	2.3
	69.8	53.6	27.2	14.7	2.4	28.1	22.8	2.8	27.5	15.8	3.1	22.5	13.2	2.5	21.0	12.6	2.4	19.6	12.0	2.4
		59.0	27.9	12.0	2.4	28.7	18.7	2.9	28.2	12.9	3.1	23.0	10.8	2.6	21.5	10.3	2.4	20.1	9.8	2.5
		66.2	32.4	9.5	2.6	33.4	14.8	3.1	32.7	10.2	3.4	26.7	8.5	2.8	25.1	8.1	2.6	23.4	7.7	2.7
	75.2	60.8	29.1	15.1	2.4	30.0	23.4	2.9	29.4	16.2	3.1	24.0	13.5	2.6	22.5	12.9	2.4	21.0	12.3	2.5
		66.2	33.1	14.7	2.6	34.1	22.8	3.1	33.4	15.8	3.4	27.3	13.1	2.8	25.6	12.5	2.6	23.9	11.9	2.7
		73.4	32.4	6.9	2.8	33.4	10.7	3.2	32.8	7.4	3.5	26.7	6.2	2.9	25.1	5.9	2.8	23.4	5.6	2.8
	80.6	60.8	30.4	18.9	2.6	31.3	29.3	3.1	30.7	20.3	3.3	25.1	16.9	2.7	23.5	16.1	2.6	21.9	15.3	2.7
		66.2	33.8	18.7	2.7	34.8	29.0	3.1	34.1	20.1	3.4	27.8	16.7	2.8	26.1	16.0	2.7	24.4	15.2	2.7
		73.4	35.8	12.7	2.7	36.9	19.7	3.2	36.2	13.6	3.5	29.5	11.3	2.9	27.7	10.8	2.7	25.8	10.3	2.8
	84.2	66.2	34.4	20.0	2.7	35.5	31.1	3.2	34.8	21.5	3.5	28.4	17.9	2.9	26.6	17.1	2.7	24.8	16.3	2.8
		60.8	32.0	21.1	2.6	33.0	32.7	3.1	32.3	22.6	3.4	26.4	18.8	2.8	24.7	17.8	2.6	23.1	16.6	2.7
		66.2	34.8	21.4	2.7	35.8	33.2	3.2	35.1	23.0	3.5	28.7	19.1	2.9	26.9	18.3	2.7	25.1	17.4	2.8
	86.0	73.4	36.5	17.5	2.8	37.6	27.2	3.2	36.9	18.8	3.5	30.1	15.7	2.9	28.2	15.0	2.8	26.3	14.2	2.8
		60.8	33.6	22.8	2.7	34.7	35.4	3.1	34.0	24.5	3.4	27.7	20.0	2.8	26.0	18.7	2.7	24.3	17.5	2.7
		66.2	35.8	24.0	2.7	36.9	37.2	3.2	36.2	25.8	3.5	29.5	21.2	2.9	27.7	19.9	2.7	25.8	18.6	2.8
	89.6	73.4	36.1	21.3	2.7	37.3	33.1	3.2	36.5	22.9	3.5	29.8	19.1	2.9	27.9	18.2	2.7	26.1	17.3	2.8
		48.2	22.1	7.0	2.0	22.8	15.2	2.3	22.3	7.6	2.6	18.2	6.3	2.1	17.1	6.0	2.0	15.9	5.7	2.0
		53.6	22.9	4.6	2.1	23.6	9.9	2.5	23.2	4.9	2.7	18.9	4.1	2.2	17.7	3.9	2.1	16.5	3.7	2.1
1625	64.4	59.0	27.6	4.7	2.3	28.5	10.2	2.7	27.9	5.1	2.9	22.8	4.2	2.4	21.3	4.0	2.3	19.9	3.8	2.3
		53.6	27.5	10.7	2.4	28.3	23.1	2.8	27.8	11.5	3.1	22.7	9.6	2.6	21.3	9.1	2.4	19.8	8.7	2.5
		59.0	28.1	8.7	2.5	29.0	18.9	2.9	28.4	9.4	3.2	23.2	7.8	2.6	21.8	7.5	2.5	20.3	7.1	2.5
	69.8	66.2	32.7	6.9	2.6	33.7	14.9	3.1	33.1	7.4	3.4	27.0	6.2	2.8	25.3	5.9	2.6	23.6	5.6	2.7
		60.8	29.4	11.0	2.5	30.3	23.7	2.9	29.7	11.8	3.2	24.2	9.8	2.6	22.7	9.4	2.5	21.2	8.9	2.5
		66.2	33.4	10.7	2.7	34.4	23.0	3.1	33.8	11.5	3.4	27.6	9.5	2.8	25.8	9.1	2.7	24.1	8.7	2.7
	75.2	73.4	32.7	5.0	2.8	33.8	10.8	3.3	33.1	5.4	3.6	27.0	4.5	2.9	25.3	4.3	2.8	23.6	4.1	2.8
		60.8	30.7	13.7	2.6	31.6	29.6	3.1	31.0	14.7	3.4	25.3	12.3	2.8	23.7	11.7	2.6	22.1	11.1	2.7
		66.2	34.1	13.6	2.7	35.1	29.3	3.2	34.4	14.6	3.5	28.1	12.2	2.9	26.4	11.6	2.7	24.6	11.1	2.8
	80.6	73.4	36.1	9.2	2.8	37.3	19.9	3.2	36.5	9.9	3.5	29.8	8.2	2.9	27.9	7.9	2.8	26.1	7.5	2.8
		66.2	34.8	14.6	2.7	35.8	31.4	3.2	35.1	15.6	3.5	28.7	13.0	2.9	26.9	12.4	2.7	25.1	11.8	2.8
		60.8	32.3	15.3	2.6	33.3	33.0	3.1	32.6	16.4	3.4	26.6	13.7	2.8	25.0	12.9	2.6	23.3	12.1	2.7
	86.0	66.2	35.1	15.5	2.7	36.2	33.5	3.2	35.5	16.7	3.5	29.0	13.9	2.9	27.1	13.3	2.7	25.3	12.6	2.8
		73.4	36.9	12.7	2.8	38.0	27.5	3.3	37.2	13.7	3.6	30.4	11.4	2.9	28.5	10.9	2.8	26.6	10.3	2.8
		60.8	34.0	16.6	2.7	35.0	35.7	3.2	34.3	17.8	3.5	28.0	14.5	2.9	26.3	13.6	2.7	24.5	12.7	2.8
	89.6	66.2	36.1	17.4	2.8	37.3	37.6	3.2	36.5	18.7	3.5	29.8	15.4	2.9	27.9	14.5	2.8	26.1	13.5	2.8
		73.4	36.1	15.3	2.7	37.3	33.1	3.2	36.5	16.5	3.5	29.8	13.7	2.9	27.9	13.1	2.7	26.1	12.5	2.8

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD42NK3C1O/GUHD42NM3C1O Indoor Unit:GFH42K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			5			14			19.4			23			32		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1083	64.4	48.2	14.9	6.2	1.4	15.2	6.4	1.4	15.4	6.6	1.4	15.6	6.7	1.4	15.8	6.9	1.5
		53.6	15.5	4.0	1.4	15.7	4.2	1.5	16.0	4.3	1.5	16.2	4.4	1.5	16.4	4.5	1.5
		59.0	18.7	4.2	1.6	18.9	4.3	1.6	19.2	4.4	1.6	19.5	4.5	1.7	19.8	4.7	1.7
	69.8	53.6	18.6	9.4	1.6	18.9	9.7	1.7	19.1	10.0	1.7	19.4	10.2	1.7	19.7	10.5	1.8
		59.0	19.0	7.7	1.7	19.3	7.9	1.7	19.6	8.1	1.7	19.9	8.4	1.8	20.2	8.6	1.8
		66.2	22.1	6.1	1.8	22.5	6.3	1.8	22.8	6.4	1.9	23.1	6.6	1.9	23.5	6.8	1.9
	75.2	60.8	19.9	9.7	1.7	20.2	9.9	1.7	20.5	10.2	1.7	20.8	10.5	1.8	21.1	10.8	1.8
		66.2	22.6	9.4	1.8	22.9	9.6	1.9	23.3	9.9	1.9	23.6	10.2	1.9	23.9	10.5	2.0
		73.4	22.1	4.4	1.9	22.5	4.5	1.9	22.8	4.7	2.0	23.1	4.8	2.0	23.5	4.9	2.0
	80.6	60.8	20.7	12.1	1.8	21.0	12.4	1.8	21.4	12.8	1.9	21.7	13.1	1.9	22.0	13.5	1.9
		66.2	23.0	12.0	1.8	23.4	12.3	1.9	23.7	12.7	1.9	24.1	13.0	1.9	24.4	13.4	2.0
		73.4	24.4	8.1	1.9	24.8	8.3	1.9	25.2	8.6	2.0	25.5	8.8	2.0	25.9	9.1	2.0
84.2	66.2	23.5	12.8	1.9	23.9	13.2	1.9	24.2	13.6	1.9	24.6	13.9	2.0	24.9	14.3	2.0	
	86.0	60.8	21.8	13.5	1.8	22.2	13.9	1.8	22.5	14.3	1.9	22.8	14.7	1.9	23.2	15.1	1.9
		66.2	23.7	13.7	1.9	24.1	14.1	1.9	24.4	14.5	1.9	24.8	14.9	2.0	25.2	15.3	2.0
73.4		24.9	11.2	1.9	25.3	11.5	1.9	25.7	11.9	2.0	26.0	12.2	2.0	26.4	12.5	2.0	
89.6	60.8	23.0	14.6	1.8	23.3	15.0	1.9	23.6	15.4	1.9	24.0	15.9	1.9	24.3	16.3	2.0	
	66.2	24.4	15.3	1.9	24.8	15.8	1.9	25.2	16.2	2.0	25.5	16.7	2.0	25.9	17.2	2.0	
	73.4	27.0	14.9	1.9	27.5	15.4	2.0	27.9	15.8	2.0	28.3	16.3	2.0	28.7	16.7	2.1	
1218	64.4	48.2	15.7	6.8	1.4	16.0	7.0	1.4	16.2	7.2	1.4	16.4	7.4	1.5	16.7	7.6	1.5
		53.6	16.3	4.5	1.4	16.6	4.6	1.5	16.8	4.7	1.5	17.1	4.8	1.5	17.3	5.0	1.5
		59.0	19.7	4.6	1.6	20.0	4.7	1.6	20.3	4.9	1.6	20.6	5.0	1.7	20.9	5.1	1.7
	69.8	53.6	19.6	10.4	1.7	19.9	10.7	1.7	20.2	11.0	1.7	20.5	11.3	1.8	20.8	11.6	1.8
		59.0	20.0	8.5	1.7	20.3	8.7	1.7	20.6	9.0	1.8	21.0	9.2	1.8	21.3	9.5	1.8
		66.2	23.3	6.7	1.8	23.7	6.9	1.9	24.0	7.1	1.9	24.4	7.3	1.9	24.7	7.5	2.0
	75.2	60.8	20.9	10.6	1.7	21.3	10.9	1.7	21.6	11.3	1.8	21.9	11.6	1.8	22.2	11.9	1.8
		66.2	23.8	10.3	1.8	24.2	10.6	1.9	24.5	10.9	1.9	24.9	11.2	1.9	25.2	11.6	2.0
		73.4	23.3	4.9	1.9	23.7	5.0	2.0	24.0	5.1	2.0	24.4	5.3	2.0	24.7	5.4	2.1
	80.6	60.8	21.8	13.3	1.8	22.2	13.7	1.8	22.5	14.1	1.9	22.8	14.5	1.9	23.2	14.9	1.9
		66.2	24.3	13.2	1.9	24.6	13.6	1.9	25.0	13.9	1.9	25.4	14.3	2.0	25.7	14.7	2.0
		73.4	25.7	8.9	1.9	26.1	9.2	1.9	26.5	9.5	2.0	26.9	9.7	2.0	27.3	10.0	2.0
84.2	66.2	24.8	14.1	1.9	25.1	14.5	1.9	25.5	14.9	2.0	25.9	15.4	2.0	26.3	15.8	2.0	
	86.0	60.8	23.0	14.8	1.8	23.4	15.3	1.9	23.7	15.7	1.9	24.0	16.1	1.9	24.4	16.6	2.0
		66.2	25.0	15.1	1.9	25.4	15.5	1.9	25.8	15.9	2.0	26.1	16.4	2.0	26.5	16.9	2.0
73.4		26.3	12.3	1.9	26.7	12.7	2.0	27.0	13.1	2.0	27.4	13.4	2.0	27.8	13.8	2.1	
89.6	60.8	24.2	16.0	1.9	24.6	16.5	1.9	24.9	17.0	1.9	25.3	17.5	2.0	25.7	17.9	2.0	
	66.2	25.7	16.9	1.9	26.1	17.4	1.9	26.5	17.9	2.0	26.9	18.4	2.0	27.3	18.9	2.0	
	73.4	27.0	15.6	1.9	27.5	16.1	2.0	27.9	16.5	2.0	28.3	17.0	2.0	28.7	17.5	2.1	
1354	64.4	48.2	16.1	7.5	1.4	16.3	7.7	1.4	16.5	7.9	1.4	16.8	8.2	1.5	17.0	8.4	1.5
		53.6	16.7	4.9	1.5	16.9	5.0	1.5	17.2	5.2	1.5	17.4	5.3	1.5	17.7	5.5	1.6
		59.0	20.1	5.0	1.6	20.4	5.2	1.6	20.7	5.3	1.7	21.0	5.5	1.7	21.3	5.6	1.7
	69.8	53.6	20.0	11.4	1.7	20.3	11.7	1.7	20.6	12.0	1.7	20.9	12.4	1.8	21.2	12.7	1.8
		59.0	20.5	9.3	1.7	20.8	9.6	1.7	21.1	9.8	1.8	21.4	10.1	1.8	21.7	10.4	1.8
		66.2	23.8	7.4	1.8	24.1	7.6	1.9	24.5	7.8	1.9	24.9	8.0	1.9	25.2	8.2	2.0
	75.2	60.8	21.4	11.7	1.7	21.7	12.0	1.7	22.0	12.3	1.8	22.3	12.7	1.8	22.7	13.1	1.8
		66.2	24.3	11.3	1.9	24.6	11.7	1.9	25.0	12.0	1.9	25.4	12.3	2.0	25.7	12.7	2.0
		73.4	23.8	5.3	1.9	24.2	5.5	2.0	24.5	5.6	2.0	24.9	5.8	2.0	25.2	6.0	2.1
	80.6	60.8	22.3	14.6	1.8	22.6	15.0	1.9	23.0	15.4	1.9	23.3	15.9	1.9	23.6	16.3	2.0
		66.2	24.8	14.4	1.9	25.1	14.9	1.9	25.5	15.3	2.0	25.9	15.7	2.0	26.3	16.2	2.0
		73.4	26.3	9.8	1.9	26.7	10.1	2.0	27.1	10.4	2.0	27.5	10.7	2.0	27.8	11.0	2.1
84.2	66.2	25.3	15.5	1.9	25.6	15.9	1.9	26.0	16.4	2.0	26.4	16.8	2.0	26.8	17.3	2.0	
	86.0	60.8	23.5	16.3	1.8	23.8	16.7	1.9	24.2	17.2	1.9	24.5	17.7	1.9	24.9	18.2	2.0
		66.2	25.5	16.5	1.9	25.9	17.0	1.9	26.3	17.5	2.0	26.7	18.0	2.0	27.1	18.5	2.0
73.4		26.8	13.5	1.9	27.2	13.9	2.0	27.6	14.3	2.0	28.0	14.7	2.0	28.4	15.1	2.1	
89.6	60.8	24.7	17.6	1.9	25.1	18.1	1.9	25.4	18.6	2.0	25.8	19.2	2.0	26.2	19.7	2.0	
	66.2	26.3	18.5	1.9	26.7	19.1	2.0	27.1	19.6	2.0	27.5	20.2	2.0	27.8	20.7	2.1	
	73.4	27.0	16.8	1.9	27.5	17.3	2.0	27.9	17.8	2.0	28.3	18.3	2.0	28.7	18.8	2.1	

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			5			14			19.4			23			32		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1489	64.4	48.2	16.4	5.5	1.4	16.6	5.7	1.4	16.9	5.8	1.5	17.1	6.0	1.5	17.4	6.2	1.5
		53.6	17.0	3.6	1.5	17.2	3.7	1.5	17.5	3.8	1.5	17.8	3.9	1.6	18.0	4.0	1.6
		59.0	20.5	3.7	1.6	20.8	3.8	1.6	21.1	3.9	1.7	21.4	4.0	1.7	21.7	4.1	1.7
	69.8	53.6	20.4	8.3	1.7	20.7	8.6	1.7	21.0	8.8	1.8	21.3	9.1	1.8	21.6	9.3	1.8
		59.0	20.9	6.8	1.7	21.2	7.0	1.8	21.5	7.2	1.8	21.8	7.4	1.8	22.1	7.6	1.9
		66.2	24.3	5.4	1.9	24.6	5.6	1.9	25.0	5.7	1.9	25.4	5.9	2.0	25.7	6.0	2.0
	75.2	60.8	21.8	8.6	1.7	22.1	8.8	1.8	22.5	9.1	1.8	22.8	9.3	1.8	23.1	9.6	1.9
		66.2	24.8	8.3	1.9	25.1	8.6	1.9	25.5	8.8	2.0	25.9	9.1	2.0	26.3	9.3	2.0
		73.4	24.3	3.9	2.0	24.6	4.0	2.0	25.0	4.1	2.0	25.4	4.3	2.1	25.7	4.4	2.1
	80.6	60.8	22.7	10.7	1.8	23.1	11.0	1.9	23.4	11.3	1.9	23.8	11.6	1.9	24.1	12.0	2.0
		66.2	25.3	10.6	1.9	25.6	10.9	1.9	26.0	11.2	2.0	26.4	11.6	2.0	26.8	11.9	2.0
		73.4	26.8	7.2	1.9	27.2	7.4	2.0	27.6	7.6	2.0	28.0	7.8	2.0	28.4	8.1	2.1
	84.2	66.2	25.8	11.4	1.9	26.2	11.7	2.0	26.6	12.0	2.0	26.9	12.4	2.0	27.3	12.7	2.1
		60.8	23.9	11.9	1.9	24.3	12.3	1.9	24.7	12.6	1.9	25.0	13.0	2.0	25.4	13.4	2.0
		66.2	26.0	12.1	1.9	26.4	12.5	2.0	26.8	12.8	2.0	27.2	13.2	2.0	27.6	13.6	2.1
	86.0	73.4	27.3	9.9	2.0	27.7	10.2	2.0	28.2	10.5	2.0	28.6	10.8	2.1	29.0	11.1	2.1
		60.8	25.2	12.9	1.9	25.6	13.3	1.9	25.9	13.7	2.0	26.3	14.1	2.0	26.7	14.5	2.0
		66.2	26.8	13.6	1.9	27.2	14.0	2.0	27.6	14.4	2.0	28.0	14.8	2.0	28.4	15.2	2.1
89.6	73.4	27.0	12.1	1.9	27.5	12.4	2.0	27.9	12.8	2.0	28.3	13.2	2.0	28.7	13.5	2.1	
	60.8	25.2	12.9	1.9	25.6	13.3	1.9	25.9	13.7	2.0	26.3	14.1	2.0	26.7	14.5	2.0	
	66.2	26.8	13.6	1.9	27.2	14.0	2.0	27.6	14.4	2.0	28.0	14.8	2.0	28.4	15.2	2.1	
1625	64.4	48.2	16.5	4.0	1.4	16.8	4.1	1.4	17.0	4.2	1.5	17.3	4.4	1.5	17.5	4.5	1.5
		53.6	17.2	2.6	1.5	17.4	2.7	1.5	17.7	2.8	1.5	17.9	2.8	1.6	18.2	2.9	1.6
		59.0	20.7	2.7	1.6	21.0	2.8	1.7	21.3	2.8	1.7	21.6	2.9	1.7	21.9	3.0	1.8
	69.8	53.6	20.6	6.1	1.7	20.9	6.2	1.7	21.2	6.4	1.8	21.5	6.6	1.8	21.8	6.8	1.8
		59.0	21.1	5.0	1.8	21.4	5.1	1.8	21.7	5.3	1.8	22.0	5.4	1.8	22.3	5.6	1.9
		66.2	24.5	3.9	1.9	24.9	4.0	1.9	25.2	4.2	2.0	25.6	4.3	2.0	26.0	4.4	2.0
	75.2	60.8	22.0	6.2	1.8	22.3	6.4	1.8	22.7	6.6	1.8	23.0	6.8	1.8	23.3	7.0	1.9
		66.2	25.0	6.0	1.9	25.4	6.2	1.9	25.8	6.4	2.0	26.1	6.6	2.0	26.5	6.8	2.0
		73.4	24.5	2.8	2.0	24.9	2.9	2.0	25.2	3.0	2.1	25.6	3.1	2.1	26.0	3.2	2.1
	80.6	60.8	23.0	7.8	1.9	23.3	8.0	1.9	23.7	8.2	1.9	24.0	8.5	2.0	24.4	8.7	2.0
		66.2	25.5	7.7	1.9	25.9	7.9	2.0	26.3	8.2	2.0	26.7	8.4	2.0	27.1	8.6	2.1
		73.4	27.0	5.2	2.0	27.5	5.4	2.0	27.9	5.5	2.0	28.3	5.7	2.1	28.7	5.9	2.1
	84.2	66.2	26.0	8.3	1.9	26.4	8.5	2.0	26.8	8.7	2.0	27.2	9.0	2.0	27.6	9.2	2.1
		60.8	24.2	8.7	1.9	24.5	8.9	1.9	24.9	9.2	2.0	25.3	9.5	2.0	25.6	9.7	2.0
		66.2	26.3	8.8	1.9	26.7	9.1	2.0	27.1	9.3	2.0	27.5	9.6	2.0	27.9	9.9	2.1
	86.0	73.4	27.6	7.2	2.0	28.0	7.4	2.0	28.4	7.6	2.1	28.8	7.9	2.1	29.3	8.1	2.1
		60.8	25.4	9.4	1.9	25.8	9.7	2.0	26.2	9.9	2.0	26.6	10.2	2.0	27.0	10.5	2.1
		66.2	27.0	9.9	2.0	27.5	10.2	2.0	27.9	10.5	2.0	28.3	10.8	2.1	28.7	11.1	2.1
89.6	73.4	27.0	8.7	1.9	27.5	9.0	2.0	27.9	9.2	2.0	28.3	9.5	2.0	28.7	9.7	2.1	

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AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			41			50			59			64.4			69.8			77		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1083	64.4	48.2	16.1	7.1	1.5	16.3	7.3	1.5	16.5	7.5	1.5	17.0	7.8	1.6	18.1	8.9	1.7	21.0	10.9	1.9
		53.6	16.7	4.7	1.6	16.9	4.8	1.6	17.1	4.9	1.6	17.6	5.1	1.7	18.8	5.8	1.8	21.8	7.1	1.9
		59.0	20.1	4.8	1.7	20.4	4.9	1.7	20.6	5.1	1.8	21.2	5.3	1.9	22.6	6.0	2.0	26.3	7.3	2.1
	69.8	53.6	20.0	10.8	1.8	20.3	11.1	1.8	20.5	11.4	1.9	21.1	11.9	1.9	22.5	13.5	2.1	26.2	16.6	2.2
		59.0	20.5	8.8	1.8	20.7	9.1	1.9	21.0	9.3	1.9	21.6	9.7	2.0	23.1	11.0	2.1	26.8	13.5	2.3
		66.2	23.8	7.0	2.0	24.1	7.2	2.0	24.5	7.4	2.0	25.1	7.7	2.1	26.8	8.7	2.3	31.2	10.7	2.5
	75.2	60.8	21.4	11.1	1.8	21.7	11.4	1.9	22.0	11.7	1.9	22.6	12.2	2.0	24.1	13.8	2.1	28.0	17.0	2.3
		66.2	24.3	10.8	2.0	24.6	11.1	2.0	25.0	11.4	2.1	25.7	11.8	2.2	27.4	13.4	2.3	31.8	16.5	2.5
		73.4	23.8	5.1	2.1	24.1	5.2	2.1	24.5	5.4	2.1	25.1	5.6	2.2	26.8	6.3	2.4	31.2	7.8	2.6
	80.6	60.8	22.3	13.9	2.0	22.6	14.2	2.0	22.9	14.6	2.0	23.6	15.2	2.1	25.1	17.2	2.3	29.2	21.2	2.4
		66.2	24.8	13.8	2.0	25.1	14.1	2.0	25.5	14.5	2.1	26.2	15.1	2.2	27.9	17.1	2.4	32.5	21.1	2.5
		73.4	26.3	9.3	2.1	26.6	9.6	2.1	27.0	9.8	2.1	27.7	10.2	2.2	29.6	11.6	2.4	34.4	14.3	2.6
84.2	66.2	25.3	14.7	2.0	25.6	15.1	2.1	26.0	15.5	2.1	26.7	16.2	2.2	28.5	18.3	2.4	33.1	22.6	2.5	
	60.8	23.5	15.5	2.0	23.8	15.9	2.0	24.1	16.3	2.0	24.8	17.0	2.1	26.5	19.3	2.3	30.8	23.7	2.5	
	66.2	25.5	15.7	2.0	25.9	16.2	2.1	26.2	16.6	2.1	27.0	17.3	2.2	28.8	19.6	2.4	33.4	24.1	2.5	
86.0	73.4	26.8	12.9	2.1	27.2	13.2	2.1	27.6	13.6	2.1	28.3	14.1	2.2	30.2	16.0	2.4	35.1	19.7	2.6	
	60.8	24.7	16.8	2.0	25.0	17.2	2.0	25.4	17.7	2.1	26.1	18.4	2.2	27.8	20.8	2.3	32.3	25.6	2.5	
	66.2	26.3	17.6	2.1	26.6	18.1	2.1	27.0	18.6	2.1	27.7	19.4	2.2	29.6	21.9	2.4	34.4	27.0	2.6	
89.6	73.4	29.1	17.2	2.1	29.5	17.7	2.2	29.9	18.1	2.2	30.7	18.9	2.3	32.8	21.4	2.5	38.1	26.3	2.6	
	60.8	24.7	16.8	2.0	25.0	17.2	2.0	25.4	17.7	2.1	26.1	18.4	2.2	27.8	20.8	2.3	32.3	25.6	2.5	
	66.2	26.3	17.6	2.1	26.6	18.1	2.1	27.0	18.6	2.1	27.7	19.4	2.2	29.6	21.9	2.4	34.4	27.0	2.6	
1218	64.4	48.2	16.9	7.9	1.5	17.2	8.1	1.5	17.4	8.3	1.6	17.9	8.6	1.6	19.1	9.8	1.8	22.2	12.0	1.9
		53.6	17.6	5.1	1.6	17.8	5.3	1.6	18.1	5.4	1.6	18.5	5.6	1.7	19.8	6.4	1.8	23.0	7.8	2.0
		59.0	21.2	5.3	1.7	21.5	5.4	1.8	21.7	5.6	1.8	22.3	5.8	1.9	23.8	6.6	2.0	27.7	8.1	2.2
	69.8	53.6	21.1	11.9	1.8	21.4	12.2	1.8	21.7	12.6	1.9	22.2	13.1	2.0	23.7	14.8	2.1	27.6	18.2	2.3
		59.0	21.6	9.7	1.9	21.9	10.0	1.9	22.2	10.3	1.9	22.8	10.7	2.0	24.3	12.1	2.2	28.2	14.9	2.3
		66.2	25.1	7.7	2.0	25.4	7.9	2.0	25.8	8.1	2.1	26.5	8.5	2.2	28.2	9.6	2.3	32.8	11.8	2.5
	75.2	60.8	22.5	12.2	1.9	22.8	12.6	1.9	23.2	12.9	1.9	23.8	13.4	2.0	25.4	15.2	2.2	29.5	18.7	2.3
		66.2	25.6	11.9	2.0	26.0	12.2	2.0	26.3	12.5	2.1	27.0	13.0	2.2	28.8	14.8	2.4	33.5	18.2	2.5
		73.4	25.1	5.6	2.1	25.4	5.7	2.1	25.8	5.9	2.2	26.5	6.1	2.3	28.3	6.9	2.4	32.9	8.6	2.6
	80.6	60.8	23.5	15.3	2.0	23.8	15.7	2.0	24.2	16.1	2.0	24.8	16.8	2.1	26.5	19.0	2.3	30.8	23.4	2.5
		66.2	26.1	15.1	2.0	26.5	15.6	2.1	26.9	16.0	2.1	27.6	16.6	2.2	29.4	18.8	2.4	34.2	23.2	2.5
		73.4	27.7	10.3	2.1	28.1	10.6	2.1	28.5	10.8	2.1	29.2	11.3	2.2	31.2	12.8	2.4	36.3	15.7	2.6
84.2	66.2	26.6	16.2	2.1	27.0	16.7	2.1	27.4	17.1	2.1	28.1	17.8	2.2	30.0	20.2	2.4	34.9	24.8	2.6	
	60.8	24.7	17.0	2.0	25.1	17.5	2.0	25.4	18.0	2.1	26.1	18.7	2.2	27.9	21.2	2.3	32.4	26.1	2.5	
	66.2	26.9	17.3	2.1	27.3	17.8	2.1	27.7	18.3	2.1	28.4	19.0	2.2	30.3	21.5	2.4	35.2	26.5	2.6	
86.0	73.4	28.2	14.2	2.1	28.6	14.6	2.1	29.0	15.0	2.2	29.8	15.6	2.3	31.8	17.6	2.4	37.0	21.7	2.6	
	60.8	26.0	18.4	2.0	26.4	18.9	2.1	26.8	19.5	2.1	27.5	20.2	2.2	29.3	22.9	2.4	34.1	28.2	2.5	
	66.2	27.7	19.4	2.1	28.1	20.0	2.1	28.5	20.5	2.1	29.2	21.3	2.2	31.2	24.2	2.4	36.3	29.7	2.6	
89.6	73.4	29.1	18.0	2.1	29.5	18.5	2.2	29.9	19.0	2.2	30.7	19.7	2.3	32.8	22.4	2.5	38.1	27.5	2.6	
	48.2	17.3	8.6	1.5	17.5	8.8	1.5	17.8	9.1	1.6	18.2	9.5	1.6	19.5	10.7	1.8	22.6	13.2	1.9	
	53.6	17.9	5.6	1.6	18.2	5.8	1.6	18.4	5.9	1.6	18.9	6.2	1.7	20.2	7.0	1.9	23.5	8.6	2.0	
1354	64.4	59.0	21.6	5.8	1.7	21.9	5.9	1.8	22.2	6.1	1.8	22.8	6.4	1.9	24.3	7.2	2.0	28.3	8.9	2.2
		53.6	21.5	13.1	1.8	21.8	13.4	1.9	22.1	13.8	1.9	22.7	14.3	2.0	24.2	16.3	2.1	28.1	20.0	2.3
		59.0	22.0	10.7	1.9	22.3	11.0	1.9	22.6	11.3	1.9	23.2	11.7	2.0	24.8	13.3	2.2	28.8	16.4	2.3
	69.8	66.2	25.6	8.5	2.0	25.9	8.7	2.0	26.3	8.9	2.1	27.0	9.3	2.2	28.8	10.5	2.4	33.5	12.9	2.5
		60.8	23.0	13.4	1.9	23.3	13.8	1.9	23.6	14.2	1.9	24.3	14.7	2.0	25.9	16.7	2.2	30.1	20.5	2.3
		66.2	26.1	13.0	2.0	26.5	13.4	2.1	26.9	13.7	2.1	27.6	14.3	2.2	29.4	16.2	2.4	34.2	19.9	2.5
	75.2	73.4	25.6	6.1	2.1	26.0	6.3	2.2	26.3	6.5	2.2	27.0	6.7	2.3	28.8	7.6	2.5	33.5	9.4	2.6
		60.8	24.0	16.8	2.0	24.3	17.2	2.0	24.7	17.7	2.1	25.3	18.4	2.2	27.0	20.8	2.3	31.4	25.6	2.5
		66.2	26.6	16.6	2.1	27.0	17.1	2.1	27.4	17.5	2.1	28.1	18.2	2.2	30.0	20.7	2.4	34.9	25.4	2.6
	80.6	73.4	28.2	11.3	2.1	28.6	11.6	2.1	29.0	11.9	2.2	29.8	12.4	2.3	31.8	14.0	2.4	37.0	17.3	2.6
		66.2	27.2	17.8	2.1	27.6	18.3	2.1	27.9	18.8	2.1	28.7	19.5	2.2	30.6	22.1	2.4	35.6	27.3	2.6
		60.8	25.3	18.7	2.0	25.6	19.2	2.0	26.0	19.7	2.1	26.7	20.5	2.2	28.5	23.3	2.3	33.1	28.6	2.5
86.0	66.2	27.4	19.0	2.1	27.8	19.5	2.1	28.2	20.0	2.1	29.0	20.9	2.2	30.9	23.6	2.4	36.0	29.1	2.6	
	73.4	28.8	15.6	2.1	29.2	16.0	2.2	29.6	16.4	2.2	30.4	17.1	2.3	32.5	19.4	2.5	37.7	23.8	2.6	
	60.8	26.6	20.2	2.1	26.9	20.8	2.1	27.3	21.3	2.1	28.0	22.2	2.2	29.9	25.2	2.4	34.8	31.0	2.6	
89.6	66.2	28.2	21.3	2.1	28.6	21.9	2.1	29.0	22.5	2.2	29.8	23.4	2.3	31.8	26.5	2.4	37.0	32.6	2.6	
	73.4	29.1	19.3	2.1	29.5	19.8	2.2	29.9	20.4	2.2	30.7	21.2	2.3	32.8	24.0	2.5	38.1	29.6	2.6	

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			41			50			59			64.4			69.8			77		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1489	64.4	48.2	17.6	6.3	1.5	17.9	6.5	1.6	18.1	6.7	1.6	18.6	6.9	1.7	19.8	7.9	1.8	23.1	9.7	1.9
		53.6	18.3	4.1	1.6	18.5	4.2	1.6	18.8	4.4	1.7	19.3	4.5	1.7	20.6	5.1	1.9	23.9	6.3	2.0
		59.0	22.0	4.3	1.8	22.3	4.4	1.8	22.6	4.5	1.8	23.3	4.7	1.9	24.8	5.3	2.1	28.8	6.5	2.2
	69.8	53.6	21.9	9.6	1.9	22.2	9.9	1.9	22.5	10.1	1.9	23.2	10.5	2.0	24.7	11.9	2.2	28.7	14.7	2.3
		59.0	22.4	7.9	1.9	22.8	8.1	1.9	23.1	8.3	2.0	23.7	8.6	2.0	25.3	9.8	2.2	29.4	12.0	2.4
		66.2	26.1	6.2	2.0	26.5	6.4	2.1	26.8	6.6	2.1	27.6	6.8	2.2	29.4	7.7	2.4	34.2	9.5	2.5
	75.2	60.8	23.4	9.9	1.9	23.8	10.1	1.9	24.1	10.4	2.0	24.8	10.8	2.0	26.4	12.3	2.2	30.7	15.1	2.4
		66.2	26.6	9.6	2.1	27.0	9.8	2.1	27.4	10.1	2.1	28.1	10.5	2.2	30.0	11.9	2.4	34.9	14.7	2.6
		73.4	26.1	4.5	2.1	26.5	4.6	2.2	26.8	4.7	2.2	27.6	4.9	2.3	29.4	5.6	2.5	34.2	6.9	2.7
	80.6	60.8	24.5	12.3	2.0	24.8	12.6	2.0	25.2	13.0	2.1	25.8	13.5	2.2	27.6	15.3	2.3	32.0	18.8	2.5
		66.2	27.2	12.2	2.1	27.6	12.5	2.1	27.9	12.9	2.1	28.7	13.4	2.2	30.6	15.2	2.4	35.6	18.7	2.6
		73.4	28.8	8.3	2.1	29.2	8.5	2.2	29.6	8.7	2.2	30.4	9.1	2.3	32.5	10.3	2.5	37.7	12.7	2.6
	84.2	66.2	27.7	13.1	2.1	28.1	13.4	2.1	28.5	13.8	2.2	29.3	14.3	2.3	31.2	16.3	2.4	36.3	20.0	2.6
		60.8	25.8	13.7	2.0	26.1	14.1	2.1	26.5	14.5	2.1	27.2	15.1	2.2	29.0	17.1	2.4	33.7	21.0	2.5
		66.2	28.0	14.0	2.1	28.4	14.3	2.1	28.8	14.7	2.2	29.6	15.3	2.3	31.5	17.4	2.4	36.7	21.4	2.6
	86.0	73.4	29.4	11.4	2.1	29.8	11.7	2.2	30.2	12.1	2.2	31.1	12.5	2.3	33.1	14.2	2.5	38.5	17.5	2.7
		60.8	27.1	14.9	2.1	27.5	15.3	2.1	27.8	15.7	2.1	28.6	16.3	2.2	30.5	18.5	2.4	35.5	22.8	2.6
		66.2	28.8	15.7	2.1	29.2	16.1	2.2	29.6	16.5	2.2	30.4	17.2	2.3	32.5	19.5	2.5	37.7	24.0	2.6
89.6	73.4	29.1	13.9	2.1	29.5	14.3	2.2	29.9	14.7	2.2	30.7	15.3	2.3	32.8	17.3	2.5	38.1	21.3	2.6	
	48.2	17.8	4.6	1.6	18.0	4.7	1.6	18.3	4.9	1.6	18.8	5.0	1.7	20.0	5.7	1.8	23.3	7.0	1.9	
	53.6	18.5	3.0	1.6	18.7	3.1	1.6	19.0	3.2	1.7	19.5	3.3	1.8	20.8	3.7	1.9	24.2	4.6	2.0	
1625	64.4	59.0	22.2	3.1	1.8	22.5	3.2	1.8	22.9	3.3	1.8	23.5	3.4	1.9	25.1	3.8	2.1	29.1	4.7	2.2
		53.6	22.1	7.0	1.9	22.4	7.2	1.9	22.8	7.4	1.9	23.4	7.7	2.0	24.9	8.7	2.2	29.0	10.7	2.3
		59.0	22.7	5.7	1.9	23.0	5.9	1.9	23.3	6.0	2.0	23.9	6.3	2.1	25.5	7.1	2.2	29.7	8.7	2.4
	69.8	66.2	26.3	4.5	2.1	26.7	4.6	2.1	27.1	4.8	2.1	27.8	5.0	2.2	29.7	5.6	2.4	34.5	6.9	2.6
		60.8	23.7	7.2	1.9	24.0	7.4	1.9	24.3	7.6	2.0	25.0	7.9	2.1	26.7	8.9	2.2	31.0	11.0	2.4
		66.2	26.9	7.0	2.1	27.3	7.1	2.1	27.7	7.3	2.1	28.4	7.6	2.2	30.3	8.7	2.4	35.2	10.7	2.6
	75.2	73.4	26.4	3.3	2.2	26.7	3.4	2.2	27.1	3.5	2.2	27.8	3.6	2.3	29.7	4.1	2.5	34.5	5.0	2.7
		60.8	24.7	8.9	2.0	25.1	9.2	2.1	25.4	9.4	2.1	26.1	9.8	2.2	27.8	11.1	2.4	32.4	13.7	2.5
		66.2	27.4	8.9	2.1	27.8	9.1	2.1	28.2	9.4	2.2	29.0	9.7	2.3	30.9	11.0	2.4	36.0	13.6	2.6
	80.6	73.4	29.1	6.0	2.1	29.5	6.2	2.2	29.9	6.4	2.2	30.7	6.6	2.3	32.8	7.5	2.5	38.1	9.2	2.7
		66.2	28.0	9.5	2.1	28.4	9.8	2.2	28.8	10.0	2.2	29.6	10.4	2.3	31.5	11.8	2.5	36.7	14.6	2.6
		60.8	26.0	10.0	2.1	26.4	10.3	2.1	26.7	10.5	2.1	27.5	11.0	2.2	29.3	12.4	2.4	34.1	15.3	2.6
	86.0	66.2	28.3	10.1	2.1	28.7	10.4	2.2	29.1	10.7	2.2	29.9	11.1	2.3	31.9	12.6	2.5	37.0	15.5	2.6
		73.4	29.7	8.3	2.2	30.1	8.5	2.2	30.5	8.8	2.2	31.4	9.1	2.3	33.4	10.3	2.5	38.9	12.7	2.7
		60.8	27.3	10.8	2.1	27.7	11.1	2.1	28.1	11.4	2.2	28.9	11.9	2.3	30.8	13.4	2.4	35.8	16.5	2.6
	89.6	66.2	29.1	11.4	2.1	29.5	11.7	2.2	29.9	12.0	2.2	30.7	12.5	2.3	32.8	14.2	2.5	38.1	17.4	2.7
		73.4	29.1	10.0	2.1	29.5	10.3	2.2	29.9	10.6	2.2	30.7	11.0	2.3	32.8	12.5	2.5	38.1	15.3	2.6

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			86			95			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1083	64.4	48.2	21.9	12.0	2.1	22.6	13.0	2.5	22.2	12.9	2.7	18.1	10.7	2.2	17.0	10.3	2.1	15.8	9.8	2.2
		53.6	22.8	7.8	2.2	23.5	8.5	2.6	23.0	8.4	2.8	18.8	7.0	2.3	17.6	6.7	2.2	16.4	6.4	2.3
		59.0	27.4	8.1	2.4	28.3	8.8	2.9	27.7	8.7	3.1	22.6	7.2	2.6	21.2	6.9	2.4	19.8	6.6	2.5
	69.8	53.6	27.3	18.2	2.5	28.1	19.8	3.0	27.6	19.6	3.3	22.5	16.3	2.7	21.1	15.6	2.5	19.7	14.8	2.6
		59.0	28.0	14.9	2.6	28.8	16.2	3.1	28.2	16.0	3.3	23.1	13.3	2.8	21.6	12.7	2.6	20.2	12.1	2.7
		66.2	32.5	11.8	2.8	33.5	12.8	3.3	32.8	12.7	3.6	26.8	10.5	3.0	25.1	10.1	2.8	23.5	9.6	2.9
	75.2	60.8	29.2	18.7	2.6	30.1	20.3	3.1	29.5	20.1	3.3	24.1	16.7	2.8	22.6	16.0	2.6	21.1	15.2	2.7
		66.2	33.2	18.2	2.8	34.2	19.7	3.3	33.5	19.5	3.6	27.4	16.3	3.0	25.7	15.5	2.8	23.9	14.8	2.9
		73.4	32.5	8.6	2.9	33.5	9.3	3.5	32.9	9.2	3.8	26.8	7.6	3.1	25.1	7.3	2.9	23.5	7.0	3.0
	80.6	60.8	30.5	23.4	2.8	31.4	25.4	3.3	30.8	25.1	3.5	25.1	20.9	2.9	23.6	20.0	2.8	22.0	19.0	2.8
		66.2	33.9	23.2	2.9	34.9	25.2	3.4	34.2	24.9	3.7	27.9	20.7	3.0	26.2	19.8	2.9	24.4	18.8	2.9
		73.4	35.9	15.7	2.9	37.0	17.1	3.4	36.3	16.9	3.7	29.6	14.1	3.1	27.7	13.4	2.9	25.9	12.8	3.0
	84.2	66.2	34.5	24.8	2.9	35.6	26.9	3.4	34.9	26.7	3.7	28.5	22.2	3.1	26.7	21.2	2.9	24.9	20.2	3.0
		60.8	32.1	26.1	2.8	33.1	28.3	3.3	32.4	28.0	3.6	26.5	23.3	3.0	24.8	22.1	2.8	23.2	20.6	2.9
		66.2	34.9	26.5	2.9	36.0	28.8	3.4	35.2	28.5	3.7	28.8	23.7	3.1	27.0	22.7	2.9	25.2	21.5	3.0
	86.0	73.4	36.6	21.7	2.9	37.7	23.6	3.5	37.0	23.3	3.8	30.2	19.4	3.1	28.3	18.6	2.9	26.4	17.6	3.0
		60.8	33.7	28.2	2.9	34.8	30.6	3.4	34.1	30.3	3.7	27.8	24.8	3.0	26.1	23.2	2.9	24.3	21.7	2.9
		66.2	35.9	29.7	2.9	37.0	32.3	3.4	36.3	31.9	3.7	29.6	26.3	3.1	27.7	24.7	2.9	25.9	23.1	3.0
89.6	73.4	39.7	29.0	3.0	41.0	31.5	3.5	40.2	31.1	3.8	32.8	25.9	3.2	30.7	24.8	3.0	28.7	23.6	3.1	
	64.4	48.2	23.1	13.2	2.1	23.8	14.4	2.5	23.4	14.2	2.7	19.1	11.8	2.3	17.9	11.3	2.1	16.7	10.8	2.2
		53.6	24.0	8.6	2.2	24.7	9.4	2.6	24.2	9.3	2.9	19.8	7.7	2.4	18.5	7.4	2.2	17.3	7.0	2.3
59.0		28.9	8.9	2.5	29.8	9.7	2.9	29.2	9.6	3.1	23.8	8.0	2.6	22.3	7.6	2.5	20.9	7.2	2.5	
69.8	53.6	28.8	20.1	2.6	29.7	21.8	3.0	29.1	21.6	3.3	23.7	18.0	2.7	22.2	17.2	2.6	20.8	16.3	2.6	
	59.0	29.5	16.4	2.6	30.4	17.8	3.1	29.8	17.6	3.4	24.3	14.7	2.8	22.8	14.0	2.6	21.3	13.3	2.7	
	66.2	34.3	13.0	2.8	35.3	14.1	3.3	34.6	14.0	3.6	28.2	11.6	3.0	26.5	11.1	2.8	24.7	10.6	2.9	
75.2	60.8	30.8	20.6	2.6	31.7	22.4	3.1	31.1	22.1	3.4	25.4	18.4	2.8	23.8	17.6	2.6	22.2	16.8	2.7	
	66.2	35.0	20.0	2.9	36.0	21.7	3.4	35.3	21.5	3.7	28.8	17.9	3.0	27.0	17.1	2.9	25.2	16.3	2.9	
	73.4	34.3	9.4	3.0	35.3	10.2	3.5	34.6	10.1	3.8	28.3	8.4	3.1	26.5	8.0	3.0	24.7	7.7	3.0	
80.6	60.8	32.1	25.7	2.8	33.1	27.9	3.3	32.4	27.6	3.6	26.5	23.0	3.0	24.8	22.0	2.8	23.2	20.9	2.9	
	66.2	35.7	25.5	2.9	36.8	27.7	3.4	36.0	27.4	3.7	29.4	22.8	3.1	27.6	21.8	2.9	25.7	20.8	3.0	
	73.4	37.8	17.3	2.9	39.0	18.8	3.5	38.2	18.6	3.8	31.2	15.5	3.1	29.2	14.8	2.9	27.3	14.1	3.0	
84.2	66.2	36.4	27.3	2.9	37.5	29.7	3.4	36.8	29.4	3.7	30.0	24.5	3.1	28.1	23.4	2.9	26.3	22.2	3.0	
	60.8	33.8	28.7	2.8	34.9	31.2	3.3	34.2	30.9	3.6	27.9	25.7	3.0	26.1	24.3	2.8	24.4	22.7	2.9	
	66.2	36.7	29.2	2.9	37.9	31.7	3.4	37.1	31.4	3.7	30.3	26.1	3.1	28.4	24.9	2.9	26.5	23.7	3.0	
86.0	73.4	38.6	23.9	3.0	39.8	25.9	3.5	39.0	25.7	3.8	31.8	21.4	3.1	29.8	20.4	3.0	27.8	19.4	3.0	
	60.8	35.5	31.1	2.9	36.6	33.7	3.4	35.9	33.4	3.7	29.3	27.3	3.1	27.5	25.6	2.9	25.7	23.9	2.9	
	66.2	37.8	32.7	2.9	39.0	35.5	3.5	38.2	35.2	3.8	31.2	29.0	3.1	29.2	27.2	2.9	27.3	25.4	3.0	
89.6	73.4	39.7	30.3	3.0	41.0	32.9	3.5	40.2	32.5	3.8	32.8	27.1	3.2	30.7	25.9	3.0	28.7	24.6	3.1	
	64.4	48.2	23.6	14.5	2.2	24.3	15.8	2.5	23.8	15.6	2.8	19.5	13.0	2.3	18.2	12.4	2.2	17.0	11.8	2.2
		53.6	24.5	9.5	2.3	25.2	10.3	2.7	24.7	10.2	2.9	20.2	8.5	2.4	18.9	8.1	2.3	17.7	7.7	2.3
59.0		29.5	9.8	2.5	30.4	10.6	2.9	29.8	10.5	3.2	24.3	8.7	2.6	22.8	8.3	2.5	21.3	7.9	2.5	
69.8	53.6	29.4	22.0	2.6	30.3	23.9	3.1	29.7	23.7	3.3	24.2	19.7	2.7	22.7	18.8	2.6	21.2	17.9	2.7	
	59.0	30.1	18.0	2.7	31.0	19.6	3.1	30.4	19.4	3.4	24.8	16.1	2.8	23.2	15.4	2.7	21.7	14.6	2.7	
	66.2	34.9	14.3	2.9	36.0	15.5	3.4	35.3	15.3	3.7	28.8	12.7	3.0	27.0	12.2	2.9	25.2	11.6	2.9	
75.2	60.8	31.4	22.6	2.7	32.4	24.5	3.1	31.7	24.3	3.4	25.9	20.2	2.8	24.3	19.3	2.7	22.7	18.4	2.7	
	66.2	35.7	22.0	2.9	36.8	23.8	3.4	36.0	23.6	3.7	29.4	19.6	3.1	27.6	18.8	2.9	25.7	17.9	3.0	
	73.4	35.0	10.3	3.0	36.0	11.2	3.5	35.3	11.1	3.8	28.8	9.2	3.2	27.0	8.8	3.0	25.2	8.4	3.1	
80.6	60.8	32.8	28.2	2.8	33.8	30.6	3.3	33.1	30.3	3.6	27.0	25.3	3.0	25.3	24.1	2.8	23.6	23.0	2.9	
	66.2	36.4	28.0	2.9	37.5	30.4	3.4	36.8	30.1	3.7	30.0	25.1	3.1	28.1	23.9	2.9	26.3	22.8	3.0	
	73.4	38.6	19.0	3.0	39.8	20.6	3.5	39.0	20.4	3.8	31.8	17.0	3.1	29.8	16.2	3.0	27.8	15.4	3.0	
84.2	66.2	37.1	30.0	2.9	38.3	32.6	3.5	37.5	32.2	3.8	30.6	26.8	3.1	28.7	25.6	2.9	26.8	24.4	3.0	
	60.8	34.5	31.5	2.9	35.6	34.2	3.4	34.9	33.9	3.7	28.5	28.2	3.0	26.7	26.7	2.9	24.9	24.9	2.9	
	66.2	37.5	32.0	2.9	38.7	34.8	3.5	37.9	34.4	3.8	30.9	28.6	3.1	29.0	27.4	2.9	27.1	26.0	3.0	
86.0	73.4	39.4	26.2	3.0	40.6	28.5	3.5	39.8	28.2	3.8	32.5	23.5	3.2	30.4	22.4	3.0	28.4	21.3	3.1	
	60.8	36.3	34.1	2.9	37.4	37.0	3.4	36.6	36.6	3.7	29.9	29.9	3.1	28.0	28.0	2.9	26.2	26.2	3.0	
	66.2	38.6	35.9	3.0	39.8	39.0	3.5	39.0	38.6	3.8	31.8	31.8	3.1	29.8	29.8	3.0	27.8	27.8	3.0	
89.6	73.4	39.7	32.6	3.0	41.0	35.3	3.5	40.2	35.0	3.8	32.8	29.1	3.2	30.7	27.8	3.0	28.7	26.5	3.1	

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			86			95			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1489	64.4	48.2	24.1	10.7	2.2	24.8	16.6	2.6	24.3	11.5	2.8	19.8	9.5	2.3	18.6	9.1	2.2	17.4	8.7	2.2
		53.6	25.0	7.0	2.3	25.7	10.8	2.7	25.2	7.5	2.9	20.6	6.2	2.4	19.3	5.9	2.3	18.0	5.7	2.3
		59.0	30.1	7.2	2.5	31.0	11.1	2.9	30.4	7.7	3.2	24.8	6.4	2.6	23.3	6.1	2.5	21.7	5.8	2.6
	69.8	53.6	29.9	16.2	2.6	30.9	25.1	3.1	30.3	17.4	3.4	24.7	14.5	2.8	23.2	13.8	2.6	21.6	13.2	2.7
		59.0	30.7	13.2	2.7	31.6	20.5	3.2	31.0	14.2	3.4	25.3	11.8	2.8	23.7	11.3	2.7	22.1	10.8	2.7
		66.2	35.6	10.5	2.9	36.8	16.3	3.4	36.0	11.2	3.7	29.4	9.4	3.1	27.6	8.9	2.9	25.7	8.5	3.0
	75.2	60.8	32.0	16.6	2.7	33.0	25.8	3.2	32.4	17.8	3.4	26.4	14.9	2.8	24.8	14.2	2.7	23.1	13.5	2.7
		66.2	36.4	16.1	2.9	37.5	25.0	3.4	36.8	17.3	3.7	30.0	14.4	3.1	28.1	13.8	2.9	26.3	13.1	3.0
		73.4	35.7	7.6	3.0	36.8	11.8	3.6	36.0	8.1	3.9	29.4	6.8	3.2	27.6	6.5	3.0	25.7	6.2	3.1
	80.6	60.8	33.4	20.7	2.9	34.5	32.2	3.4	33.8	22.3	3.7	27.6	18.5	3.0	25.8	17.7	2.9	24.1	16.9	2.9
		66.2	37.1	20.6	2.9	38.3	31.9	3.5	37.5	22.1	3.8	30.6	18.4	3.1	28.7	17.6	2.9	26.8	16.7	3.0
		73.4	39.4	14.0	3.0	40.6	21.7	3.5	39.8	15.0	3.8	32.5	12.5	3.2	30.4	11.9	3.0	28.4	11.3	3.1
	84.2	66.2	37.9	22.0	3.0	39.0	34.2	3.5	38.3	23.7	3.8	31.2	19.7	3.1	29.3	18.8	3.0	27.3	17.9	3.0
		60.8	35.2	23.2	2.9	36.3	35.9	3.4	35.6	24.9	3.7	29.0	20.7	3.1	27.2	19.6	2.9	25.4	18.3	2.9
		66.2	38.2	23.5	3.0	39.4	36.5	3.5	38.6	25.3	3.8	31.5	21.0	3.1	29.6	20.1	3.0	27.6	19.1	3.0
	86.0	73.4	40.2	19.3	3.0	41.4	29.9	3.6	40.6	20.7	3.9	33.1	17.2	3.2	31.1	16.5	3.0	29.0	15.7	3.1
		60.8	37.0	25.1	2.9	38.1	38.9	3.5	37.4	26.9	3.8	30.5	22.0	3.1	28.6	20.6	2.9	26.7	19.2	3.0
		66.2	39.4	26.4	3.0	40.6	41.0	3.5	39.8	28.3	3.8	32.5	23.4	3.2	30.4	21.9	3.0	28.4	20.5	3.1
89.6	73.4	39.7	23.4	3.0	41.0	36.4	3.5	40.2	25.2	3.8	32.8	21.0	3.2	30.7	20.0	3.0	28.7	19.1	3.1	
	48.2	24.3	7.8	2.2	25.1	16.7	2.6	24.5	8.3	2.8	20.0	6.9	2.3	18.8	6.6	2.2	17.5	6.3	2.2	
	53.6	25.2	5.1	2.3	26.0	10.9	2.7	25.5	5.4	2.9	20.8	4.5	2.4	19.5	4.3	2.3	18.2	4.1	2.4	
1625	64.4	59.0	30.4	5.2	2.5	31.3	11.2	3.0	30.7	5.6	3.2	25.1	4.7	2.7	23.5	4.5	2.5	21.9	4.2	2.6
		53.6	30.2	11.8	2.6	31.2	25.4	3.1	30.6	12.6	3.4	24.9	10.5	2.8	23.4	10.1	2.6	21.8	9.6	2.7
		59.0	31.0	9.6	2.7	31.9	20.7	3.2	31.3	10.3	3.5	25.5	8.6	2.9	23.9	8.2	2.7	22.3	7.8	2.8
	69.8	66.2	36.0	7.6	2.9	37.1	16.4	3.4	36.4	8.2	3.7	29.7	6.8	3.1	27.8	6.5	2.9	26.0	6.2	3.0
		60.8	32.3	12.1	2.7	33.3	26.0	3.2	32.7	13.0	3.5	26.7	10.8	2.9	25.0	10.3	2.7	23.3	9.8	2.8
		66.2	36.7	11.7	2.9	37.9	25.3	3.5	37.1	12.6	3.8	30.3	10.5	3.1	28.4	10.0	2.9	26.5	9.5	3.0
	75.2	73.4	36.0	5.5	3.1	37.1	11.9	3.6	36.4	5.9	3.9	29.7	4.9	3.2	27.8	4.7	3.1	26.0	4.5	3.1
		60.8	33.7	15.1	2.9	34.8	32.5	3.4	34.1	16.2	3.7	27.8	13.5	3.1	26.1	12.9	2.9	24.4	12.3	2.9
		66.2	37.5	15.0	3.0	38.7	32.3	3.5	37.9	16.1	3.8	30.9	13.4	3.1	29.0	12.8	3.0	27.1	12.2	3.0
	80.6	73.4	39.7	10.1	3.0	41.0	21.9	3.6	40.2	10.9	3.9	32.8	9.1	3.2	30.7	8.7	3.0	28.7	8.2	3.1
		66.2	38.2	16.0	3.0	39.4	34.5	3.5	38.6	17.2	3.8	31.5	14.3	3.2	29.6	13.7	3.0	27.6	13.0	3.1
		60.8	35.5	16.8	2.9	36.6	36.3	3.4	35.9	18.1	3.7	29.3	15.1	3.1	27.5	14.2	2.9	25.6	13.3	3.0
	86.0	66.2	38.6	17.1	3.0	39.8	36.9	3.5	39.0	18.4	3.8	31.9	15.3	3.2	29.9	14.6	3.0	27.9	13.9	3.1
		73.4	40.6	14.0	3.1	41.8	30.2	3.6	41.0	15.0	3.9	33.4	12.5	3.2	31.4	12.0	3.1	29.3	11.4	3.1
		60.8	37.4	18.2	3.0	38.5	39.3	3.5	37.7	19.6	3.8	30.8	16.0	3.1	28.9	15.0	3.0	27.0	14.0	3.0
	89.6	66.2	39.7	19.2	3.0	41.0	41.4	3.6	40.2	20.6	3.9	32.8	17.0	3.2	30.7	15.9	3.0	28.7	14.9	3.1
		73.4	39.7	16.9	3.0	41.0	36.4	3.5	40.2	18.1	3.8	32.8	15.1	3.2	30.7	14.4	3.0	28.7	13.7	3.1

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD48NK3C1O/GUHD48NM3C1O Indoor Unit:GFH48K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			5			14			19.4			23			32		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1177	64.4	48.2	19.0	7.9	1.7	19.3	8.1	1.8	19.6	8.4	1.8	19.9	8.6	1.8	20.2	8.8	1.9
		53.6	19.7	5.1	1.8	20.0	5.3	1.9	20.3	5.5	1.9	20.6	5.6	1.9	20.9	5.8	1.9
		59.0	23.7	5.3	2.0	24.1	5.5	2.0	24.5	5.6	2.1	24.8	5.8	2.1	25.2	5.9	2.1
	69.8	53.6	23.6	12.0	2.1	24.0	12.3	2.1	24.4	12.7	2.2	24.7	13.0	2.2	25.1	13.4	2.2
		59.0	24.2	9.8	2.1	24.6	10.1	2.2	24.9	10.4	2.2	25.3	10.7	2.3	25.7	11.0	2.3
		66.2	28.1	7.7	2.3	28.6	8.0	2.3	29.0	8.2	2.4	29.4	8.4	2.4	29.9	8.7	2.5
	75.2	60.8	25.3	12.3	2.1	25.7	12.6	2.2	26.1	13.0	2.2	26.4	13.4	2.3	26.8	13.8	2.3
		66.2	28.7	11.9	2.3	29.2	12.3	2.4	29.6	12.6	2.4	30.0	13.0	2.5	30.5	13.4	2.5
		73.4	28.2	5.6	2.4	28.6	5.8	2.5	29.0	5.9	2.5	29.4	6.1	2.6	29.9	6.3	2.6
	80.6	60.8	26.4	15.3	2.3	26.8	15.8	2.3	27.2	16.2	2.4	27.6	16.7	2.4	28.0	17.2	2.4
		66.2	29.3	15.2	2.4	29.8	15.7	2.4	30.2	16.1	2.4	30.7	16.6	2.5	31.1	17.0	2.5
		73.4	31.1	10.3	2.4	31.6	10.6	2.4	32.0	10.9	2.5	32.5	11.2	2.5	33.0	11.6	2.6
84.2	66.2	29.9	16.3	2.4	30.4	16.8	2.4	30.8	17.3	2.5	31.3	17.7	2.5	31.7	18.2	2.5	
	60.8	27.8	17.1	2.3	28.2	17.6	2.3	28.6	18.1	2.4	29.0	18.7	2.4	29.5	19.2	2.5	
	66.2	30.2	17.4	2.4	30.7	17.9	2.4	31.1	18.4	2.5	31.6	18.9	2.5	32.0	19.5	2.5	
86.0	73.4	31.7	14.3	2.4	32.2	14.7	2.5	32.7	15.1	2.5	33.2	15.5	2.6	33.6	16.0	2.6	
	60.8	29.2	18.5	2.3	29.7	19.1	2.4	30.1	19.6	2.4	30.5	20.2	2.5	31.0	20.7	2.5	
	66.2	31.1	19.5	2.4	31.6	20.1	2.4	32.0	20.7	2.5	32.5	21.3	2.5	33.0	21.9	2.6	
89.6	73.4	34.4	19.0	2.5	34.9	19.6	2.5	35.5	20.1	2.6	36.0	20.7	2.6	36.5	21.3	2.7	
	60.8	29.2	18.5	2.3	29.7	19.1	2.4	30.1	19.6	2.4	30.5	20.2	2.5	31.0	20.7	2.5	
	66.2	31.1	19.5	2.4	31.6	20.1	2.4	32.0	20.7	2.5	32.5	21.3	2.5	33.0	21.9	2.6	
1324	64.4	48.2	20.0	8.7	1.8	20.3	8.9	1.8	20.6	9.2	1.8	20.9	9.5	1.9	21.2	9.7	1.9
		53.6	20.8	5.7	1.8	21.1	5.8	1.9	21.4	6.0	1.9	21.7	6.2	1.9	22.0	6.3	2.0
		59.0	25.0	5.8	2.0	25.4	6.0	2.1	25.8	6.2	2.1	26.2	6.4	2.1	26.5	6.5	2.2
	69.8	53.6	24.9	13.2	2.1	25.3	13.6	2.2	25.7	14.0	2.2	26.0	14.4	2.2	26.4	14.8	2.3
		59.0	25.5	10.8	2.2	25.9	11.1	2.2	26.3	11.4	2.2	26.7	11.7	2.3	27.1	12.1	2.3
		66.2	29.7	8.5	2.3	30.1	8.8	2.4	30.6	9.0	2.4	31.0	9.3	2.5	31.5	9.5	2.5
	75.2	60.8	26.6	13.5	2.2	27.0	13.9	2.2	27.5	14.3	2.2	27.9	14.7	2.3	28.3	15.1	2.3
		66.2	30.3	13.1	2.4	30.7	13.5	2.4	31.2	13.9	2.4	31.7	14.3	2.5	32.1	14.7	2.5
		73.4	29.7	6.2	2.4	30.1	6.4	2.5	30.6	6.5	2.5	31.0	6.7	2.6	31.5	6.9	2.6
	80.6	60.8	27.8	16.9	2.3	28.2	17.4	2.3	28.6	17.9	2.4	29.1	18.4	2.4	29.5	18.9	2.5
		66.2	30.9	16.8	2.4	31.4	17.2	2.4	31.8	17.7	2.5	32.3	18.2	2.5	32.8	18.8	2.5
		73.4	32.8	11.4	2.4	33.2	11.7	2.5	33.7	12.0	2.5	34.2	12.4	2.6	34.7	12.7	2.6
84.2	66.2	31.5	17.9	2.4	32.0	18.5	2.4	32.5	19.0	2.5	32.9	19.5	2.5	33.4	20.1	2.6	
	60.8	29.3	18.9	2.3	29.7	19.4	2.4	30.2	20.0	2.4	30.6	20.5	2.5	31.1	21.1	2.5	
	66.2	31.8	19.2	2.4	32.3	19.7	2.4	32.8	20.3	2.5	33.3	20.9	2.5	33.8	21.4	2.6	
86.0	73.4	33.4	15.7	2.4	33.9	16.2	2.5	34.4	16.6	2.5	34.9	17.1	2.6	35.4	17.6	2.6	
	60.8	30.8	20.4	2.4	31.3	21.0	2.4	31.7	21.6	2.5	32.2	22.2	2.5	32.7	22.8	2.5	
	66.2	32.8	21.5	2.4	33.2	22.1	2.5	33.7	22.8	2.5	34.2	23.4	2.6	34.7	24.1	2.6	
89.6	73.4	34.4	19.9	2.5	34.9	20.5	2.5	35.5	21.1	2.6	36.0	21.6	2.6	36.5	22.3	2.7	
	60.8	29.2	18.5	2.3	29.7	19.1	2.4	30.1	19.6	2.4	30.5	20.2	2.5	31.0	20.7	2.5	
	66.2	31.1	19.5	2.4	31.6	20.1	2.4	32.0	20.7	2.5	32.5	21.3	2.5	33.0	21.9	2.6	
1472	64.4	48.2	20.4	9.5	1.8	20.7	9.8	1.8	21.0	10.1	1.8	21.4	10.4	1.9	21.7	10.7	1.9
		53.6	21.2	6.2	1.9	21.5	6.4	1.9	21.8	6.6	1.9	22.2	6.8	2.0	22.5	7.0	2.0
		59.0	25.5	6.4	2.0	25.9	6.6	2.1	26.3	6.8	2.1	26.7	7.0	2.1	27.1	7.2	2.2
	69.8	53.6	25.4	14.5	2.1	25.8	14.9	2.2	26.2	15.3	2.2	26.6	15.7	2.3	27.0	16.2	2.3
		59.0	26.0	11.8	2.2	26.4	12.2	2.2	26.8	12.5	2.3	27.2	12.9	2.3	27.6	13.2	2.3
		66.2	30.3	9.4	2.4	30.7	9.6	2.4	31.2	9.9	2.4	31.6	10.2	2.5	32.1	10.5	2.5
	75.2	60.8	27.2	14.8	2.2	27.6	15.3	2.2	28.0	15.7	2.3	28.4	16.2	2.3	28.8	16.6	2.3
		66.2	30.9	14.4	2.4	31.4	14.8	2.4	31.8	15.3	2.5	32.3	15.7	2.5	32.8	16.1	2.5
		73.4	30.3	6.8	2.5	30.7	7.0	2.5	31.2	7.2	2.6	31.7	7.4	2.6	32.1	7.6	2.6
	80.6	60.8	28.4	18.5	2.3	28.8	19.1	2.4	29.2	19.6	2.4	29.7	20.2	2.5	30.1	20.7	2.5
		66.2	31.5	18.4	2.4	32.0	18.9	2.4	32.5	19.5	2.5	33.0	20.0	2.5	33.4	20.6	2.6
		73.4	33.4	12.5	2.4	33.9	12.8	2.5	34.4	13.2	2.5	34.9	13.6	2.6	35.4	14.0	2.6
84.2	66.2	32.2	19.7	2.4	32.6	20.3	2.5	33.1	20.9	2.5	33.6	21.4	2.6	34.1	22.0	2.6	
	60.8	29.9	20.7	2.3	30.3	21.3	2.4	30.8	21.9	2.4	31.2	22.5	2.5	31.7	23.2	2.5	
	66.2	32.5	21.0	2.4	33.0	21.6	2.5	33.5	22.3	2.5	33.9	22.9	2.6	34.4	23.5	2.6	
86.0	73.4	34.1	17.2	2.5	34.6	17.7	2.5	35.1	18.2	2.6	35.6	18.7	2.6	36.2	19.3	2.7	
	60.8	31.4	22.4	2.4	31.9	23.0	2.4	32.4	23.7	2.5	32.8	24.4	2.5	33.3	25.1	2.6	
	66.2	33.4	23.6	2.4	33.9	24.3	2.5	34.4	25.0	2.5	34.9	25.7	2.6	35.4	26.4	2.6	
89.6	73.4	34.4	21.4	2.5	34.9	22.0	2.5	35.5	22.6	2.6	36.0	23.3	2.6	36.5	23.9	2.7	

AFR	Indoor temperature		Outdoor temperature DB (°F)															
			5			14			19.4			23			32			
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1619	64.4	48.2	20.8	7.0	1.8	21.2	7.2	1.8	21.5	7.4	1.9	21.8	7.6	1.9	22.1	7.8	1.9	
		53.6	21.6	4.6	1.9	21.9	4.7	1.9	22.3	4.8	1.9	22.6	5.0	2.0	22.9	5.1	2.0	
		59.0	26.0	4.7	2.1	26.4	4.8	2.1	26.8	5.0	2.1	27.2	5.1	2.2	27.6	5.3	2.2	
	69.8	53.6	25.9	10.6	2.2	26.3	10.9	2.2	26.7	11.2	2.2	27.1	11.6	2.3	27.5	11.9	2.3	
		59.0	26.5	8.7	2.2	27.0	8.9	2.2	27.4	9.2	2.3	27.8	9.5	2.3	28.2	9.7	2.4	
		66.2	30.9	6.9	2.4	31.3	7.1	2.4	31.8	7.3	2.5	32.3	7.5	2.5	32.7	7.7	2.5	
	75.2	60.8	27.7	10.9	2.2	28.2	11.2	2.2	28.6	11.5	2.3	29.0	11.9	2.3	29.4	12.2	2.4	
		66.2	31.5	10.6	2.4	32.0	10.9	2.4	32.5	11.2	2.5	32.9	11.5	2.5	33.4	11.9	2.6	
		73.4	30.9	5.0	2.5	31.4	5.1	2.5	31.8	5.3	2.6	32.3	5.4	2.6	32.8	5.6	2.7	
	80.6	60.8	28.9	13.6	2.3	29.4	14.0	2.4	29.8	14.4	2.4	30.3	14.8	2.5	30.7	15.2	2.5	
		66.2	32.2	13.5	2.4	32.6	13.9	2.5	33.1	14.3	2.5	33.6	14.7	2.6	34.1	15.1	2.6	
		73.4	34.1	9.2	2.5	34.6	9.4	2.5	35.1	9.7	2.6	35.6	10.0	2.6	36.2	10.3	2.7	
	84.2	66.2	32.8	14.5	2.4	33.3	14.9	2.5	33.8	15.3	2.5	34.3	15.7	2.6	34.8	16.2	2.6	
		60.8	30.5	15.2	2.4	30.9	15.6	2.4	31.4	16.1	2.5	31.9	16.5	2.5	32.3	17.0	2.5	
		66.2	33.1	15.4	2.4	33.6	15.9	2.5	34.1	16.3	2.5	34.6	16.8	2.6	35.1	17.3	2.6	
	86.0	73.4	34.8	12.6	2.5	35.3	13.0	2.5	35.8	13.4	2.6	36.4	13.8	2.6	36.9	14.2	2.7	
		60.8	32.0	16.4	2.4	32.5	16.9	2.5	33.0	17.4	2.5	33.5	17.9	2.6	34.0	18.4	2.6	
		66.2	34.1	17.3	2.5	34.6	17.8	2.5	35.1	18.3	2.6	35.6	18.9	2.6	36.2	19.4	2.7	
	89.6	73.4	34.4	15.4	2.5	34.9	15.8	2.5	35.5	16.3	2.6	36.0	16.8	2.6	36.5	17.2	2.7	
		64.4	48.2	21.0	5.1	1.8	21.4	5.2	1.8	21.7	5.4	1.9	22.0	5.5	1.9	22.3	5.7	1.9
		53.6	21.8	3.3	1.9	22.2	3.4	1.9	22.5	3.5	2.0	22.8	3.6	2.0	23.2	3.7	2.0	
1766	64.4	59.0	26.3	3.4	2.1	26.7	3.5	2.1	27.1	3.6	2.2	27.5	3.7	2.2	27.9	3.8	2.2	
		53.6	26.2	7.7	2.2	26.6	7.9	2.2	27.0	8.2	2.3	27.4	8.4	2.3	27.8	8.6	2.3	
		59.0	26.8	6.3	2.2	27.2	6.5	2.3	27.6	6.7	2.3	28.0	6.9	2.4	28.4	7.1	2.4	
	69.8	66.2	31.2	5.0	2.4	31.6	5.1	2.4	32.1	5.3	2.5	32.6	5.4	2.5	33.1	5.6	2.6	
		60.8	28.0	7.9	2.2	28.4	8.2	2.3	28.9	8.4	2.3	29.3	8.6	2.3	29.7	8.9	2.4	
		66.2	31.8	7.7	2.4	32.3	7.9	2.5	32.8	8.2	2.5	33.3	8.4	2.6	33.8	8.6	2.6	
	75.2	73.4	31.2	3.6	2.5	31.7	3.7	2.6	32.1	3.8	2.6	32.6	3.9	2.7	33.1	4.1	2.7	
		60.8	29.2	9.9	2.4	29.7	10.2	2.4	30.1	10.5	2.5	30.6	10.8	2.5	31.0	11.1	2.5	
		66.2	32.5	9.8	2.4	33.0	10.1	2.5	33.5	10.4	2.5	33.9	10.7	2.6	34.4	11.0	2.6	
	80.6	73.4	34.4	6.7	2.5	34.9	6.9	2.5	35.5	7.1	2.6	36.0	7.3	2.6	36.5	7.5	2.7	
		66.2	33.1	10.5	2.5	33.6	10.8	2.5	34.1	11.1	2.6	34.6	11.5	2.6	35.1	11.8	2.7	
		60.8	30.8	11.0	2.4	31.2	11.4	2.4	31.7	11.7	2.5	32.2	12.0	2.5	32.6	12.4	2.6	
	86.0	66.2	33.4	11.2	2.5	34.0	11.6	2.5	34.5	11.9	2.6	35.0	12.2	2.6	35.5	12.6	2.7	
		73.4	35.1	9.2	2.5	35.7	9.5	2.6	36.2	9.7	2.6	36.7	10.0	2.7	37.2	10.3	2.7	
		60.8	32.4	12.0	2.4	32.8	12.3	2.5	33.3	12.7	2.5	33.8	13.0	2.6	34.3	13.4	2.6	
	89.6	66.2	34.4	12.6	2.5	34.9	13.0	2.5	35.5	13.3	2.6	36.0	13.7	2.6	36.5	14.1	2.7	
		73.4	34.4	11.1	2.5	34.9	11.4	2.5	35.5	11.7	2.6	36.0	12.1	2.6	36.5	12.4	2.7	

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AFR	Indoor temperature		Outdoor temperature DB (°F)																		
			41			50			59			64.4			69.8			77			
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1177	64.4	48.2	20.4	9.1	1.9	20.7	9.3	1.9	21.0	9.6	2.0	21.6	10.0	2.1	23.0	11.3	2.2	26.8	13.9	2.4	
		53.6	21.2	5.9	2.0	21.5	6.1	2.0	21.8	6.2	2.0	22.4	6.5	2.1	23.9	7.4	2.3	27.8	9.1	2.5	
		59.0	25.5	6.1	2.2	25.9	6.3	2.2	26.3	6.4	2.3	27.0	6.7	2.4	28.8	7.6	2.5	33.5	9.3	2.7	
	69.8	53.6	25.4	13.8	2.3	25.8	14.1	2.3	26.2	14.5	2.4	26.9	15.1	2.5	28.7	17.1	2.7	33.3	21.1	2.9	
		59.0	26.0	11.3	2.3	26.4	11.6	2.4	26.8	11.9	2.4	27.5	12.4	2.5	29.3	14.0	2.7	34.1	17.2	2.9	
		66.2	30.3	8.9	2.5	30.7	9.2	2.6	31.1	9.4	2.6	32.0	9.8	2.7	34.1	11.1	2.9	39.7	13.6	3.1	
	75.2	60.8	27.2	14.1	2.3	27.6	14.5	2.4	28.0	14.9	2.4	28.7	15.5	2.5	30.6	17.6	2.7	35.6	21.6	2.9	
		66.2	30.9	13.7	2.5	31.3	14.1	2.6	31.8	14.5	2.6	32.7	15.1	2.7	34.8	17.1	3.0	40.5	21.0	3.2	
		73.4	30.3	6.5	2.6	30.7	6.6	2.7	31.1	6.8	2.7	32.0	7.1	2.9	34.1	8.0	3.1	39.7	9.9	3.3	
	80.6	60.8	28.4	17.6	2.5	28.8	18.1	2.5	29.2	18.6	2.6	30.0	19.4	2.7	32.0	22.0	2.9	37.2	27.0	3.1	
		66.2	31.5	17.5	2.6	32.0	18.0	2.6	32.4	18.5	2.6	33.3	19.2	2.8	35.5	21.8	3.0	41.3	26.8	3.2	
		73.4	33.4	11.9	2.6	33.9	12.2	2.7	34.4	12.5	2.7	35.3	13.0	2.8	37.7	14.8	3.1	43.8	18.2	3.3	
	84.2	66.2	32.2	18.8	2.6	32.6	19.3	2.6	33.1	19.8	2.7	34.0	20.6	2.8	36.3	23.3	3.0	42.1	28.7	3.2	
		60.8	29.9	19.7	2.5	30.3	20.2	2.6	30.7	20.8	2.6	31.6	21.6	2.7	33.7	24.5	2.9	39.1	30.2	3.1	
		66.2	32.5	20.0	2.6	32.9	20.6	2.6	33.4	21.1	2.7	34.3	22.0	2.8	36.6	24.9	3.0	42.6	30.6	3.2	
	86.0	73.4	34.1	16.4	2.6	34.6	16.8	2.7	35.1	17.3	2.7	36.0	18.0	2.9	38.4	20.4	3.1	44.7	25.1	3.3	
		60.8	31.4	21.3	2.6	31.9	21.9	2.6	32.3	22.5	2.6	33.2	23.4	2.8	35.4	26.5	3.0	41.2	32.6	3.2	
		66.2	33.4	22.5	2.6	33.9	23.1	2.7	34.4	23.7	2.7	35.3	24.6	2.8	37.7	27.9	3.1	43.8	34.4	3.3	
89.6	73.4	37.0	21.9	2.7	37.6	22.5	2.7	38.1	23.1	2.8	39.1	24.0	2.9	41.7	27.2	3.1	48.5	33.5	3.4		
	1324	64.4	48.2	21.5	10.0	1.9	21.8	10.3	1.9	22.1	10.5	2.0	22.8	11.0	2.1	24.3	12.4	2.2	28.2	15.3	2.4
			53.6	22.3	6.5	2.0	22.7	6.7	2.0	23.0	6.9	2.1	23.6	7.2	2.2	25.2	8.1	2.3	29.3	10.0	2.5
59.0			26.9	6.7	2.2	27.3	6.9	2.2	27.7	7.1	2.3	28.4	7.4	2.4	30.3	8.4	2.6	35.3	10.3	2.8	
69.8		53.6	26.8	15.2	2.3	27.2	15.6	2.3	27.6	16.0	2.4	28.3	16.6	2.5	30.2	18.9	2.7	35.1	23.2	2.9	
		59.0	27.4	12.4	2.4	27.8	12.7	2.4	28.2	13.1	2.4	29.0	13.6	2.6	30.9	15.4	2.8	35.9	19.0	3.0	
		66.2	31.9	9.8	2.5	32.4	10.1	2.6	32.8	10.3	2.6	33.7	10.8	2.7	36.0	12.2	3.0	41.8	15.0	3.2	
75.2		60.8	28.7	15.6	2.4	29.1	16.0	2.4	29.5	16.4	2.4	30.3	17.1	2.6	32.3	19.4	2.8	37.5	23.8	2.9	
		66.2	32.6	15.1	2.6	33.0	15.5	2.6	33.5	15.9	2.6	34.4	16.6	2.8	36.7	18.8	3.0	42.7	23.1	3.2	
		73.4	31.9	7.1	2.7	32.4	7.3	2.7	32.8	7.5	2.8	33.7	7.8	2.9	36.0	8.8	3.1	41.8	10.9	3.3	
80.6		60.8	29.9	19.4	2.5	30.3	20.0	2.6	30.8	20.5	2.6	31.6	21.3	2.7	33.7	24.2	2.9	39.2	29.8	3.1	
		66.2	33.2	19.3	2.6	33.7	19.8	2.6	34.2	20.3	2.7	35.1	21.2	2.8	37.5	24.0	3.0	43.5	29.5	3.2	
		73.4	35.2	13.1	2.6	35.7	13.4	2.7	36.2	13.8	2.7	37.2	14.4	2.9	39.7	16.3	3.1	46.1	20.0	3.3	
84.2		66.2	33.9	20.6	2.6	34.4	21.2	2.7	34.9	21.8	2.7	35.8	22.7	2.8	38.2	25.7	3.1	44.4	31.6	3.3	
		60.8	31.5	21.7	2.5	31.9	22.3	2.6	32.4	22.9	2.6	33.3	23.8	2.7	35.5	27.0	3.0	41.3	33.2	3.2	
		66.2	34.2	22.0	2.6	34.7	22.6	2.7	35.2	23.3	2.7	36.2	24.2	2.8	38.6	27.4	3.1	44.8	33.7	3.3	
86.0		73.4	35.9	18.1	2.7	36.5	18.5	2.7	37.0	19.0	2.8	38.0	19.8	2.9	40.5	22.5	3.1	47.1	27.6	3.3	
		60.8	33.1	23.5	2.6	33.6	24.1	2.6	34.1	24.8	2.7	35.0	25.8	2.8	37.3	29.2	3.0	43.4	35.9	3.2	
		66.2	35.2	24.7	2.6	35.7	25.4	2.7	36.2	26.1	2.7	37.2	27.1	2.9	39.7	30.8	3.1	46.1	37.9	3.3	
89.6	73.4	37.0	22.9	2.7	37.6	23.5	2.7	38.1	24.1	2.8	39.1	25.1	2.9	41.7	28.4	3.1	48.5	35.0	3.4		
	1472	64.4	48.2	22.0	11.0	1.9	22.3	11.3	2.0	22.6	11.6	2.0	23.2	12.0	2.1	24.8	13.6	2.3	28.8	16.8	2.4
			53.6	22.8	7.2	2.0	23.1	7.3	2.1	23.4	7.5	2.1	24.1	7.9	2.2	25.7	8.9	2.4	29.9	11.0	2.5
59.0			27.5	7.4	2.2	27.9	7.6	2.3	28.2	7.8	2.3	29.0	8.1	2.4	31.0	9.2	2.6	36.0	11.3	2.8	
69.8		53.6	27.3	16.6	2.3	27.7	17.1	2.4	28.1	17.5	2.4	28.9	18.3	2.5	30.8	20.7	2.7	35.8	25.5	2.9	
		59.0	28.0	13.6	2.4	28.4	14.0	2.4	28.8	14.4	2.5	29.6	14.9	2.6	31.5	16.9	2.8	36.7	20.8	3.0	
		66.2	32.6	10.8	2.6	33.0	11.1	2.6	33.5	11.4	2.6	34.4	11.8	2.8	36.7	13.4	3.0	42.6	16.5	3.2	
75.2		60.8	29.2	17.1	2.4	29.7	17.5	2.4	30.1	18.0	2.5	30.9	18.7	2.6	33.0	21.2	2.8	38.3	26.1	3.0	
		66.2	33.2	16.6	2.6	33.7	17.0	2.6	34.2	17.5	2.7	35.1	18.2	2.8	37.5	20.6	3.0	43.5	25.4	3.2	
		73.4	32.6	7.8	2.7	33.0	8.0	2.7	33.5	8.2	2.8	34.4	8.6	2.9	36.7	9.7	3.1	42.7	11.9	3.4	
80.6		60.8	30.5	21.3	2.5	31.0	21.9	2.6	31.4	22.5	2.6	32.2	23.4	2.7	34.4	26.5	3.0	40.0	32.6	3.2	
		66.2	33.9	21.2	2.6	34.4	21.7	2.7	34.9	22.3	2.7	35.8	23.2	2.8	38.2	26.3	3.1	44.4	32.4	3.3	
		73.4	36.0	14.4	2.7	36.5	14.7	2.7	37.0	15.1	2.8	38.0	15.7	2.9	40.5	17.8	3.1	47.1	22.0	3.3	
84.2		66.2	34.6	22.7	2.6	35.1	23.3	2.7	35.6	23.9	2.7	36.5	24.9	2.9	39.0	28.2	3.1	45.3	34.7	3.3	
		60.8	32.1	23.8	2.6	32.6	24.5	2.6	33.0	25.1	2.6	33.9	26.1	2.8	36.2	29.6	3.0	42.1	36.4	3.2	
		66.2	34.9	24.2	2.6	35.4	24.8	2.7	35.9	25.5	2.7	36.9	26.5	2.9	39.4	30.1	3.1	45.8	37.0	3.3	
86.0		73.4	36.7	19.8	2.7	37.2	20.3	2.7	37.7	20.9	2.8	38.7	21.7	2.9	41.3	24.6	3.1	48.0	30.3	3.4	
		60.8	33.8	25.8	2.6	34.3	26.5	2.7	34.7	27.2	2.7	35.7	28.3	2.8	38.1	32.0	3.1	44.3	39.4	3.3	
		66.2	36.0	27.1	2.7	36.5	27.9	2.7	37.0	28.6	2.8	38.0	29.8	2.9	40.5	33.7	3.1	47.1	41.5	3.3	
89.6	73.4	37.0	24.6	2.7	37.6	25.3	2.7	38.1	25.9	2.8	39.1	27.0	2.9	41.7	30.6	3.1	48.5	37.6	3.4		

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			41			50			59			64.4			69.8			77		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1619	64.4	48.2	22.4	8.1	2.0	22.7	8.3	2.0	23.0	8.5	2.0	23.7	8.8	2.1	25.3	10.0	2.3	29.4	12.3	2.4
		53.6	23.3	5.3	2.0	23.6	5.4	2.1	23.9	5.5	2.1	24.6	5.8	2.2	26.2	6.5	2.4	30.5	8.0	2.6
		59.0	28.0	5.4	2.2	28.4	5.6	2.3	28.8	5.7	2.3	29.6	5.9	2.4	31.6	6.7	2.6	36.7	8.3	2.8
	69.8	53.6	27.9	12.2	2.4	28.3	12.5	2.4	28.7	12.9	2.4	29.5	13.4	2.6	31.4	15.2	2.7	36.5	18.7	2.9
		59.0	28.6	10.0	2.4	29.0	10.3	2.4	29.4	10.5	2.5	30.2	11.0	2.6	32.2	12.4	2.8	37.4	15.3	3.0
		66.2	33.2	7.9	2.6	33.7	8.1	2.6	34.1	8.3	2.7	35.1	8.7	2.8	37.4	9.8	3.0	43.5	12.1	3.2
	75.2	60.8	29.8	12.5	2.4	30.3	12.9	2.4	30.7	13.2	2.5	31.5	13.8	2.6	33.6	15.6	2.8	39.1	19.2	3.0
		66.2	33.9	12.2	2.6	34.4	12.5	2.7	34.9	12.8	2.7	35.8	13.4	2.8	38.2	15.1	3.1	44.4	18.6	3.3
		73.4	33.2	5.7	2.7	33.7	5.9	2.8	34.2	6.0	2.8	35.1	6.3	2.9	37.4	7.1	3.2	43.5	8.8	3.4
	80.6	60.8	31.1	15.7	2.6	31.6	16.1	2.6	32.0	16.5	2.6	32.9	17.2	2.8	35.1	19.5	3.0	40.8	24.0	3.2
		66.2	34.6	15.5	2.6	35.1	16.0	2.7	35.6	16.4	2.7	36.5	17.0	2.9	39.0	19.3	3.1	45.3	23.8	3.3
		73.4	36.7	10.5	2.7	37.2	10.8	2.7	37.7	11.1	2.8	38.7	11.6	2.9	41.3	13.1	3.1	48.0	16.1	3.4
	84.2	66.2	35.3	16.6	2.7	35.8	17.1	2.7	36.3	17.6	2.8	37.3	18.3	2.9	39.8	20.7	3.1	46.2	25.5	3.3
		60.8	32.8	17.5	2.6	33.2	18.0	2.6	33.7	18.4	2.7	34.6	19.2	2.8	36.9	21.7	3.0	42.9	26.8	3.2
		66.2	35.6	17.8	2.7	36.1	18.2	2.7	36.6	18.7	2.8	37.6	19.5	2.9	40.1	22.1	3.1	46.7	27.2	3.3
	86.0	73.4	37.4	14.5	2.7	37.9	14.9	2.8	38.5	15.3	2.8	39.5	16.0	2.9	42.2	18.1	3.2	49.0	22.3	3.4
		60.8	34.5	18.9	2.6	35.0	19.4	2.7	35.4	20.0	2.7	36.4	20.8	2.9	38.8	23.5	3.1	45.1	29.0	3.3
		66.2	36.7	19.9	2.7	37.2	20.5	2.7	37.7	21.0	2.8	38.7	21.9	2.9	41.3	24.8	3.1	48.0	30.5	3.4
89.6	73.4	37.0	17.7	2.7	37.6	18.2	2.7	38.1	18.7	2.8	39.1	19.4	2.9	41.7	22.0	3.1	48.5	27.1	3.4	
	48.2	22.6	5.9	2.0	23.0	6.0	2.0	23.3	6.2	2.0	23.9	6.4	2.1	25.5	7.3	2.3	29.7	9.0	2.5	
	53.6	23.5	3.8	2.1	23.8	3.9	2.1	24.1	4.0	2.1	24.8	4.2	2.2	26.5	4.8	2.4	30.8	5.8	2.6	
1766	64.4	59.0	28.3	3.9	2.3	28.7	4.0	2.3	29.1	4.1	2.3	29.9	4.3	2.5	31.9	4.9	2.6	37.1	6.0	2.8
		53.6	28.2	8.9	2.4	28.6	9.1	2.4	29.0	9.4	2.5	29.8	9.7	2.6	31.7	11.0	2.8	36.9	13.6	3.0
		59.0	28.8	7.3	2.4	29.2	7.5	2.5	29.7	7.7	2.5	30.5	8.0	2.6	32.5	9.0	2.8	37.8	11.1	3.0
	69.8	66.2	33.5	5.7	2.6	34.0	5.9	2.7	34.5	6.1	2.7	35.4	6.3	2.8	37.8	7.1	3.1	43.9	8.8	3.3
		60.8	30.1	9.1	2.4	30.6	9.4	2.5	31.0	9.6	2.5	31.8	10.0	2.6	33.9	11.3	2.8	39.5	14.0	3.0
		66.2	34.2	8.9	2.6	34.7	9.1	2.7	35.2	9.3	2.7	36.2	9.7	2.9	38.6	11.0	3.1	44.8	13.6	3.3
	75.2	73.4	33.5	4.2	2.7	34.0	4.3	2.8	34.5	4.4	2.8	35.4	4.6	3.0	37.8	5.2	3.2	43.9	6.4	3.4
		60.8	31.4	11.4	2.6	31.9	11.7	2.6	32.3	12.0	2.7	33.2	12.5	2.8	35.4	14.2	3.0	41.2	17.4	3.2
		66.2	34.9	11.3	2.7	35.4	11.6	2.7	35.9	11.9	2.8	36.9	12.4	2.9	39.4	14.0	3.1	45.8	17.3	3.3
	80.6	73.4	37.0	7.7	2.7	37.6	7.9	2.8	38.1	8.1	2.8	39.1	8.4	2.9	41.7	9.5	3.2	48.5	11.7	3.4
		66.2	35.6	12.1	2.7	36.1	12.4	2.7	36.6	12.8	2.8	37.6	13.3	2.9	40.1	15.0	3.1	46.7	18.5	3.4
		60.8	33.1	12.7	2.6	33.6	13.1	2.7	34.0	13.4	2.7	35.0	14.0	2.8	37.3	15.8	3.0	43.4	19.5	3.3
	86.0	66.2	36.0	12.9	2.7	36.5	13.3	2.7	37.0	13.6	2.8	38.0	14.2	2.9	40.5	16.1	3.1	47.1	19.8	3.4
		73.4	37.8	10.6	2.7	38.3	10.9	2.8	38.8	11.2	2.8	39.9	11.6	3.0	42.6	13.2	3.2	49.5	16.2	3.4
		60.8	34.8	13.8	2.7	35.3	14.1	2.7	35.8	14.5	2.8	36.8	15.1	2.9	39.2	17.1	3.1	45.6	21.1	3.3
	89.6	66.2	37.0	14.5	2.7	37.6	14.9	2.8	38.1	15.3	2.8	39.1	15.9	2.9	41.7	18.0	3.2	48.5	22.2	3.4
		73.4	37.0	12.7	2.7	37.6	13.1	2.7	38.1	13.4	2.8	39.1	14.0	2.9	41.7	15.9	3.1	48.5	19.5	3.4

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			86			95			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1177	64.4	48.2	27.9	15.3	2.7	28.8	16.6	3.2	28.2	16.4	3.4	23.0	13.7	2.8	21.6	13.1	2.7	20.2	12.4	2.7
		53.6	29.0	10.0	2.8	29.9	10.8	3.3	29.3	10.7	3.6	23.9	8.9	3.0	22.4	8.5	2.8	20.9	8.1	2.9
		59.0	34.9	10.3	3.1	36.0	11.2	3.6	35.3	11.0	4.0	28.8	9.2	3.3	27.0	8.8	3.1	25.2	8.4	3.2
	69.8	53.6	34.7	23.2	3.2	35.8	25.2	3.8	35.1	24.9	4.2	28.7	20.8	3.4	26.9	19.8	3.2	25.1	18.9	3.3
		59.0	35.6	19.0	3.3	36.7	20.6	3.9	35.9	20.4	4.2	29.3	17.0	3.5	27.5	16.2	3.3	25.7	15.4	3.4
		66.2	41.4	15.0	3.6	42.6	16.3	4.2	41.8	16.1	4.6	34.1	13.4	3.8	32.0	12.8	3.6	29.9	12.2	3.6
	75.2	60.8	37.2	23.8	3.3	38.3	25.9	3.9	37.5	25.6	4.2	30.6	21.3	3.5	28.7	20.4	3.3	26.8	19.4	3.4
		66.2	42.2	23.1	3.6	43.5	25.1	4.2	42.7	24.9	4.6	34.8	20.7	3.8	32.7	19.8	3.6	30.5	18.8	3.7
		73.4	41.4	10.9	3.7	42.7	11.8	4.4	41.8	11.7	4.8	34.1	9.7	4.0	32.0	9.3	3.7	29.9	8.8	3.8
	80.6	60.8	38.8	29.7	3.5	40.0	32.3	4.1	39.2	32.0	4.5	32.0	26.6	3.7	30.0	25.4	3.5	28.0	24.2	3.6
		66.2	43.1	29.5	3.6	44.4	32.0	4.3	43.5	31.7	4.7	35.5	26.4	3.8	33.3	25.2	3.6	31.1	24.0	3.7
		73.4	45.7	20.0	3.7	47.1	21.7	4.4	46.1	21.5	4.8	37.7	17.9	3.9	35.3	17.1	3.7	33.0	16.3	3.8
84.2	66.2	44.0	31.6	3.7	45.3	34.3	4.3	44.4	33.9	4.7	36.3	28.3	3.9	34.0	27.0	3.7	31.7	25.7	3.8	
	60.8	40.8	33.2	3.6	42.1	36.0	4.2	41.3	35.7	4.6	33.7	29.7	3.8	31.6	28.1	3.6	29.5	26.2	3.6	
	66.2	44.4	33.7	3.7	45.8	36.6	4.3	44.8	36.2	4.7	36.6	30.2	3.9	34.3	28.8	3.7	32.0	27.4	3.8	
86.0	73.4	46.6	27.6	3.7	48.0	30.0	4.4	47.1	29.7	4.8	38.4	24.7	4.0	36.0	23.6	3.7	33.6	22.5	3.8	
	60.8	42.9	35.9	3.6	44.3	39.0	4.3	43.4	38.6	4.7	35.4	31.5	3.8	33.2	29.5	3.6	31.0	27.6	3.7	
	66.2	45.7	37.9	3.7	47.1	41.1	4.4	46.1	40.7	4.8	37.7	33.5	3.9	35.3	31.4	3.7	33.0	29.3	3.8	
89.6	73.4	50.6	36.9	3.8	52.2	40.0	4.5	51.1	39.6	4.9	41.7	33.0	4.0	39.1	31.5	3.8	36.5	30.0	3.9	
	60.8	42.9	35.9	3.6	44.3	39.0	4.3	43.4	38.6	4.7	35.4	31.5	3.8	33.2	29.5	3.6	31.0	27.6	3.7	
	66.2	45.7	37.9	3.7	47.1	41.1	4.4	46.1	40.7	4.8	37.7	33.5	3.9	35.3	31.4	3.7	33.0	29.3	3.8	
1324	64.4	48.2	29.4	16.8	2.7	30.3	18.3	3.2	29.7	18.1	3.5	24.3	15.1	2.9	22.8	14.4	2.7	21.2	13.7	2.8
		53.6	30.5	11.0	2.8	31.5	11.9	3.3	30.8	11.8	3.6	25.2	9.8	3.0	23.6	9.4	2.8	22.0	8.9	2.9
		59.0	36.8	11.3	3.1	37.9	12.3	3.7	37.2	12.2	4.0	30.3	10.1	3.3	28.4	9.7	3.1	26.5	9.2	3.2
	69.8	53.6	36.6	25.6	3.3	37.7	27.7	3.8	37.0	27.4	4.2	30.2	22.9	3.5	28.3	21.8	3.3	26.4	20.8	3.3
		59.0	37.5	20.9	3.3	38.6	22.7	3.9	37.9	22.5	4.3	30.9	18.7	3.5	29.0	17.9	3.3	27.1	17.0	3.4
		66.2	43.6	16.5	3.6	44.9	17.9	4.2	44.0	17.8	4.6	36.0	14.8	3.8	33.7	14.1	3.6	31.5	13.4	3.7
	75.2	60.8	39.2	26.2	3.3	40.4	28.5	3.9	39.6	28.2	4.3	32.3	23.5	3.5	30.3	22.4	3.3	28.3	21.3	3.4
		66.2	44.5	25.5	3.6	45.9	27.6	4.3	45.0	27.4	4.7	36.7	22.8	3.8	34.4	21.8	3.6	32.1	20.7	3.7
		73.4	43.6	12.0	3.8	45.0	13.0	4.4	44.1	12.9	4.8	36.0	10.7	4.0	33.7	10.2	3.8	31.5	9.7	3.9
	80.6	60.8	40.9	32.8	3.6	42.1	35.5	4.2	41.3	35.2	4.6	33.7	29.3	3.8	31.6	28.0	3.6	29.5	26.6	3.6
		66.2	45.4	32.5	3.7	46.8	35.3	4.3	45.9	34.9	4.7	37.5	29.1	3.9	35.1	27.8	3.7	32.8	26.4	3.8
		73.4	48.1	22.0	3.7	49.6	23.9	4.4	48.6	23.7	4.8	39.7	19.7	4.0	37.2	18.8	3.7	34.7	17.9	3.8
84.2	66.2	46.3	34.8	3.7	47.7	37.8	4.4	46.8	37.4	4.8	38.2	31.1	3.9	35.8	29.7	3.7	33.4	28.3	3.8	
	60.8	43.0	36.6	3.6	44.4	39.7	4.2	43.5	39.3	4.6	35.5	32.7	3.8	33.3	30.9	3.6	31.1	28.9	3.7	
	66.2	46.8	37.2	3.7	48.2	40.3	4.4	47.3	39.9	4.8	38.6	33.2	3.9	36.2	31.7	3.7	33.8	30.2	3.8	
86.0	73.4	49.1	30.4	3.8	50.6	33.0	4.4	49.6	32.7	4.8	40.5	27.2	4.0	38.0	26.0	3.8	35.4	24.7	3.9	
	60.8	45.2	39.6	3.7	46.6	42.9	4.3	45.7	42.5	4.7	37.3	34.7	3.9	35.0	32.5	3.7	32.7	30.4	3.8	
	66.2	48.1	41.7	3.7	49.6	45.2	4.4	48.6	44.8	4.8	39.7	36.9	4.0	37.2	34.6	3.7	34.7	32.3	3.8	
89.6	73.4	50.6	38.5	3.8	52.2	41.8	4.5	51.1	41.4	4.9	41.7	34.5	4.0	39.1	32.9	3.8	36.5	31.3	3.9	
	64.4	48.2	30.0	18.5	2.7	31.0	20.1	3.2	30.3	19.8	3.5	24.8	16.5	2.9	23.2	15.8	2.7	21.7	15.0	2.8
		53.6	31.2	12.1	2.9	32.1	13.1	3.4	31.5	13.0	3.7	25.7	10.8	3.0	24.1	10.3	2.9	22.5	9.8	2.9
59.0		37.5	12.4	3.2	38.7	13.5	3.7	37.9	13.3	4.0	31.0	11.1	3.3	29.0	10.6	3.2	27.1	10.1	3.2	
69.8	53.6	37.4	28.0	3.3	38.5	30.4	3.9	37.7	30.1	4.2	30.8	25.1	3.5	28.9	24.0	3.3	27.0	22.8	3.4	
	59.0	38.3	22.9	3.4	39.4	24.9	4.0	38.6	24.6	4.3	31.5	20.5	3.6	29.6	19.6	3.4	27.6	18.6	3.5	
	66.2	44.5	18.1	3.6	45.9	19.7	4.3	44.9	19.5	4.7	36.7	16.2	3.8	34.4	15.5	3.6	32.1	14.7	3.7	
75.2	60.8	40.0	28.8	3.4	41.2	31.2	4.0	40.4	30.9	4.3	33.0	25.7	3.6	30.9	24.6	3.4	28.8	23.4	3.5	
	66.2	45.4	28.0	3.7	46.8	30.3	4.3	45.9	30.0	4.7	37.5	25.0	3.9	35.1	23.9	3.7	32.8	22.7	3.8	
	73.4	44.5	13.1	3.8	45.9	14.3	4.5	45.0	14.1	4.9	36.7	11.8	4.0	34.4	11.2	3.8	32.1	10.7	3.9	
80.6	60.8	41.7	35.9	3.6	43.0	39.0	4.2	42.1	38.6	4.6	34.4	32.1	3.8	32.2	30.7	3.6	30.1	29.2	3.7	
	66.2	46.3	35.7	3.7	47.8	38.7	4.4	46.8	38.3	4.8	38.2	31.9	3.9	35.8	30.5	3.7	33.4	29.0	3.8	
	73.4	49.1	24.2	3.8	50.6	26.2	4.4	49.6	26.0	4.8	40.5	21.6	4.0	38.0	20.7	3.8	35.4	19.7	3.9	
84.2	66.2	47.3	38.2	3.7	48.7	41.4	4.4	47.7	41.0	4.8	39.0	34.1	4.0	36.5	32.6	3.7	34.1	31.0	3.8	
	60.8	43.9	40.1	3.6	45.3	43.5	4.3	44.4	43.1	4.7	36.2	35.9	3.8	33.9	33.9	3.6	31.7	31.7	3.7	
	66.2	47.7	40.8	3.7	49.2	44.2	4.4	48.2	43.8	4.8	39.4	36.5	4.0	36.9	34.8	3.7	34.4	33.1	3.8	
86.0	73.4	50.1	33.4	3.8	51.7	36.2	4.5	50.6	35.9	4.9	41.3	29.9	4.0	38.7	28.5	3.8	36.2	27.1	3.9	
	60.8	46.2	43.4	3.7	47.6	47.1	4.4	46.6	46.6	4.8	38.1	38.1	3.9	35.7	35.7	3.7	33.3	33.3	3.8	
	66.2	49.1	45.7	3.8	50.6	49.6	4.4	49.6	49.1	4.8	40.5	40.5	4.0	38.0	38.0	3.8	35.4	35.4	3.9	
89.6	73.4	50.6	41.5	3.8	52.2	45.0	4.5	51.1	44.5	4.9	41.7	37.1	4.0	39.1	35.4	3.8	36.5	33.7	3.9	

AFR	Indoor temperature		Outdoor temperature DB (°F)																		
			86			95			102.2			109.4			114.8			118.4			
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
1619	64.4	48.2	30.6	13.6	2.8	31.6	21.1	3.3	30.9	14.6	3.5	25.3	12.1	2.9	23.7	11.6	2.8	22.1	11.0	2.8	
		53.6	31.8	8.9	2.9	32.8	13.7	3.4	32.1	9.5	3.7	26.2	7.9	3.1	24.6	7.6	2.9	22.9	7.2	3.0	
		59.0	38.3	9.1	3.2	39.5	14.2	3.7	38.7	9.8	4.1	31.6	8.2	3.4	29.6	7.8	3.2	27.6	7.4	3.3	
	69.8	53.6	38.1	20.6	3.3	39.3	32.0	3.9	38.5	22.1	4.3	31.4	18.4	3.5	29.5	17.6	3.3	27.5	16.7	3.4	
		59.0	39.0	16.8	3.4	40.2	26.1	4.0	39.4	18.1	4.4	32.2	15.1	3.6	30.2	14.4	3.4	28.2	13.7	3.5	
		66.2	45.4	13.3	3.7	46.8	20.7	4.3	45.8	14.3	4.7	37.4	11.9	3.9	35.1	11.4	3.7	32.7	10.8	3.8	
	75.2	60.8	40.8	21.1	3.4	42.0	32.8	4.0	41.2	22.7	4.4	33.6	18.9	3.6	31.5	18.1	3.4	29.4	17.2	3.5	
		66.2	46.3	20.5	3.7	47.7	31.9	4.4	46.8	22.1	4.8	38.2	18.4	3.9	35.8	17.5	3.7	33.4	16.7	3.8	
		73.4	45.4	9.7	3.9	46.8	15.0	4.5	45.9	10.4	4.9	37.4	8.6	4.1	35.1	8.3	3.9	32.8	7.8	3.9	
	80.6	60.8	42.5	26.4	3.6	43.9	41.0	4.3	43.0	28.4	4.7	35.1	23.6	3.8	32.9	22.6	3.6	30.7	21.5	3.7	
		66.2	47.3	26.2	3.7	48.7	40.6	4.4	47.7	28.1	4.8	39.0	23.4	4.0	36.5	22.4	3.7	34.1	21.3	3.8	
		73.4	50.1	17.8	3.8	51.6	27.6	4.5	50.6	19.1	4.9	41.3	15.9	4.0	38.7	15.2	3.8	36.2	14.4	3.9	
	84.2	66.2	48.2	28.0	3.8	49.7	43.5	4.4	48.7	30.1	4.8	39.8	25.1	4.0	37.3	24.0	3.8	34.8	22.8	3.9	
		60.8	44.8	29.5	3.7	46.2	45.8	4.3	45.2	31.7	4.7	36.9	26.4	3.9	34.6	24.9	3.7	32.3	23.3	3.8	
		66.2	48.7	29.9	3.8	50.2	46.5	4.4	49.2	32.2	4.8	40.1	26.8	4.0	37.6	25.6	3.8	35.1	24.3	3.9	
	86.0	73.4	51.1	24.5	3.9	52.7	38.1	4.5	51.6	26.3	4.9	42.2	21.9	4.1	39.5	21.0	3.9	36.9	19.9	3.9	
		60.8	47.1	31.9	3.7	48.5	49.5	4.4	47.6	34.2	4.8	38.8	28.0	4.0	36.4	26.2	3.7	34.0	24.5	3.8	
		66.2	50.1	33.6	3.8	51.6	52.1	4.5	50.6	36.1	4.9	41.3	29.7	4.0	38.7	27.9	3.8	36.2	26.0	3.9	
	1766	64.4	48.2	30.9	9.9	2.8	31.9	21.3	3.3	31.2	10.6	3.6	25.5	8.8	3.0	23.9	8.4	2.8	22.3	8.0	2.9
			53.6	32.1	6.4	2.9	33.1	13.9	3.4	32.4	6.9	3.7	26.5	5.8	3.1	24.8	5.5	2.9	23.2	5.2	3.0
			59.0	38.7	6.6	3.2	39.9	14.3	3.8	39.1	7.1	4.1	31.9	5.9	3.4	29.9	5.7	3.2	27.9	5.4	3.3
		69.8	53.6	38.5	15.0	3.4	39.7	32.3	4.0	38.9	16.1	4.3	31.7	13.4	3.6	29.8	12.8	3.4	27.8	12.2	3.5
			59.0	39.4	12.2	3.4	40.6	26.4	4.1	39.8	13.2	4.4	32.5	11.0	3.6	30.5	10.5	3.4	28.4	10.0	3.5
			66.2	45.8	9.7	3.7	47.2	20.9	4.4	46.3	10.4	4.8	37.8	8.7	3.9	35.4	8.3	3.7	33.1	7.9	3.8
75.2		60.8	41.2	15.4	3.4	42.4	33.1	4.1	41.6	16.5	4.4	33.9	13.7	3.6	31.8	13.1	3.4	29.7	12.5	3.5	
		66.2	46.8	14.9	3.7	48.2	32.2	4.4	47.3	16.0	4.8	38.6	13.3	4.0	36.2	12.8	3.7	33.8	12.1	3.8	
		73.4	45.8	7.0	3.9	47.3	15.1	4.6	46.3	7.5	5.0	37.8	6.3	4.1	35.4	6.0	3.9	33.1	5.7	4.0	
80.6		60.8	43.0	19.2	3.7	44.3	41.4	4.3	43.4	20.6	4.7	35.4	17.2	3.9	33.2	16.4	3.7	31.0	15.6	3.8	
		66.2	47.7	19.0	3.8	49.2	41.0	4.4	48.2	20.4	4.8	39.4	17.0	4.0	36.9	16.3	3.8	34.4	15.5	3.9	
		73.4	50.6	12.9	3.9	52.2	27.8	4.5	51.1	13.9	4.9	41.7	11.5	4.1	39.1	11.0	3.9	36.5	10.5	3.9	
84.2		66.2	48.7	20.4	3.8	50.2	44.0	4.5	49.2	21.9	4.9	40.1	18.2	4.0	37.6	17.4	3.8	35.1	16.6	3.9	
		60.8	45.2	21.4	3.7	46.6	46.2	4.4	45.7	23.0	4.7	37.3	19.2	3.9	35.0	18.1	3.7	32.6	16.9	3.8	
		66.2	49.2	21.8	3.8	50.7	46.9	4.5	49.7	23.4	4.9	40.5	19.5	4.0	38.0	18.6	3.8	35.5	17.7	3.9	
86.0		73.4	51.6	17.8	3.9	53.2	38.4	4.6	52.1	19.1	5.0	42.6	15.9	4.1	39.9	15.2	3.9	37.2	14.5	4.0	
		60.8	47.6	23.2	3.8	49.0	50.0	4.4	48.0	24.9	4.8	39.2	20.3	4.0	36.8	19.1	3.8	34.3	17.8	3.9	
		66.2	50.6	24.4	3.9	52.2	52.6	4.5	51.1	26.2	4.9	41.7	21.6	4.1	39.1	20.3	3.9	36.5	18.9	3.9	
89.6		73.4	50.6	21.5	3.8	52.2	46.3	4.5	51.1	23.1	4.9	41.7	19.2	4.0	39.1	18.4	3.8	36.5	17.5	3.9	

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD60NM3C1O Indoor Unit:GFH60K3CI

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			5			14			19.4			23			32		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1483	64.4	48.2	23.1	9.6	2.1	23.4	9.9	2.1	23.8	10.1	2.2	24.1	10.4	2.2	24.5	10.7	2.3
		53.6	23.9	6.3	2.2	24.3	6.4	2.2	24.7	6.6	2.3	25.0	6.8	2.3	25.4	7.0	2.4
		59.0	28.8	6.4	2.4	29.3	6.6	2.5	29.7	6.8	2.5	30.1	7.0	2.6	30.6	7.2	2.6
	69.8	53.6	28.7	14.5	2.5	29.1	15.0	2.6	29.6	15.4	2.6	30.0	15.8	2.7	30.5	16.3	2.7
		59.0	29.4	11.9	2.6	29.8	12.2	2.6	30.3	12.6	2.7	30.7	12.9	2.7	31.2	13.3	2.8
		66.2	34.2	9.4	2.8	34.7	9.7	2.8	35.2	10.0	2.9	35.7	10.2	2.9	36.3	10.5	3.0
	75.2	60.8	30.7	14.9	2.6	31.2	15.4	2.6	31.6	15.8	2.7	32.1	16.2	2.7	32.6	16.7	2.8
		66.2	34.9	14.5	2.8	35.4	14.9	2.9	35.9	15.3	2.9	36.5	15.8	3.0	37.0	16.2	3.0
		73.4	34.2	6.8	2.9	34.7	7.0	3.0	35.2	7.2	3.0	35.7	7.4	3.1	36.3	7.6	3.1
	80.6	60.8	32.0	18.6	2.8	32.5	19.2	2.8	33.0	19.7	2.9	33.5	20.3	2.9	34.0	20.9	3.0
		66.2	35.6	18.5	2.9	36.1	19.0	2.9	36.7	19.6	3.0	37.2	20.1	3.0	37.8	20.7	3.1
		73.4	37.7	12.5	2.9	38.3	12.9	3.0	38.9	13.3	3.0	39.5	13.7	3.1	40.0	14.0	3.1
	84.2	66.2	36.3	19.8	2.9	36.9	20.4	2.9	37.4	21.0	3.0	38.0	21.6	3.0	38.5	22.2	3.1
		60.8	33.7	20.8	2.8	34.2	21.4	2.8	34.8	22.0	2.9	35.3	22.6	2.9	35.8	23.3	3.0
		66.2	36.7	21.1	2.9	37.2	21.7	2.9	37.8	22.4	3.0	38.3	23.0	3.0	38.9	23.7	3.1
	86.0	73.4	38.5	17.3	2.9	39.1	17.8	3.0	39.7	18.3	3.0	40.3	18.8	3.1	40.8	19.4	3.2
		60.8	35.5	22.5	2.9	36.0	23.2	2.9	36.5	23.8	3.0	37.1	24.5	3.0	37.6	25.2	3.1
		66.2	37.7	23.7	2.9	38.3	24.4	3.0	38.9	25.1	3.0	39.5	25.8	3.1	40.0	26.5	3.1
89.6	73.4	41.8	23.1	3.0	42.4	23.8	3.1	43.1	24.5	3.1	43.7	25.2	3.2	44.3	25.9	3.2	
	60.8	37.4	24.8	2.9	37.9	25.5	2.9	38.5	26.2	3.0	39.1	27.0	3.0	39.6	27.7	3.1	
	66.2	39.8	26.1	2.9	40.4	26.9	3.0	41.0	27.6	3.0	41.6	28.4	3.1	42.2	29.2	3.2	
1669	64.4	48.2	24.3	10.5	2.1	24.7	10.9	2.2	25.0	11.2	2.2	25.4	11.5	2.2	25.8	11.8	2.3
		53.6	25.2	6.9	2.2	25.6	7.1	2.3	26.0	7.3	2.3	26.4	7.5	2.3	26.8	7.7	2.4
		59.0	30.4	7.1	2.4	30.8	7.3	2.5	31.3	7.5	2.5	31.8	7.7	2.6	32.2	7.9	2.6
	69.8	53.6	30.3	16.0	2.6	30.7	16.5	2.6	31.2	16.9	2.7	31.6	17.4	2.7	32.1	17.9	2.8
		59.0	31.0	13.1	2.6	31.4	13.5	2.7	31.9	13.9	2.7	32.4	14.3	2.8	32.9	14.7	2.8
		66.2	36.0	10.4	2.8	36.6	10.7	2.9	37.1	11.0	2.9	37.7	11.3	3.0	38.2	11.6	3.0
	75.2	60.8	32.4	16.4	2.6	32.8	16.9	2.7	33.3	17.4	2.7	33.8	17.9	2.8	34.3	18.4	2.8
		66.2	36.8	16.0	2.9	37.3	16.4	2.9	37.9	16.9	3.0	38.4	17.4	3.0	39.0	17.9	3.1
		73.4	36.0	7.5	3.0	36.6	7.7	3.0	37.1	7.9	3.1	37.7	8.2	3.1	38.2	8.4	3.2
	80.6	60.8	33.8	20.5	2.8	34.3	21.1	2.8	34.8	21.7	2.9	35.3	22.3	2.9	35.8	23.0	3.0
		66.2	37.5	20.3	2.9	38.1	20.9	2.9	38.7	21.5	3.0	39.2	22.2	3.0	39.8	22.8	3.1
		73.4	39.8	13.8	2.9	40.4	14.2	3.0	41.0	14.6	3.0	41.6	15.0	3.1	42.2	15.5	3.2
	84.2	66.2	38.3	21.8	2.9	38.8	22.4	3.0	39.4	23.1	3.0	40.0	23.7	3.1	40.6	24.4	3.1
		60.8	35.6	22.9	2.8	36.1	23.6	2.9	36.6	24.3	2.9	37.2	24.9	3.0	37.7	25.6	3.0
		66.2	38.6	23.3	2.9	39.2	23.9	3.0	39.8	24.6	3.0	40.4	25.3	3.1	41.0	26.0	3.1
	86.0	73.4	40.6	19.1	3.0	41.2	19.6	3.0	41.8	20.2	3.1	42.4	20.7	3.1	43.0	21.3	3.2
		60.8	37.4	24.8	2.9	37.9	25.5	2.9	38.5	26.2	3.0	39.1	27.0	3.0	39.6	27.7	3.1
		66.2	39.8	26.1	2.9	40.4	26.9	3.0	41.0	27.6	3.0	41.6	28.4	3.1	42.2	29.2	3.2
89.6	73.4	41.8	24.1	3.0	42.4	24.8	3.1	43.1	25.6	3.1	43.7	26.3	3.2	44.3	27.0	3.2	
	60.8	37.4	24.8	2.9	37.9	25.5	2.9	38.5	26.2	3.0	39.1	27.0	3.0	39.6	27.7	3.1	
	66.2	39.8	26.1	2.9	40.4	26.9	3.0	41.0	27.6	3.0	41.6	28.4	3.1	42.2	29.2	3.2	
1854	64.4	48.2	24.8	11.6	2.2	25.2	11.9	2.2	25.6	12.3	2.2	25.9	12.6	2.3	26.3	13.0	2.3
		53.6	25.7	7.6	2.3	26.1	7.8	2.3	26.5	8.0	2.3	26.9	8.2	2.4	27.3	8.5	2.4
		59.0	31.0	7.8	2.5	31.5	8.0	2.5	31.9	8.2	2.6	32.4	8.5	2.6	32.9	8.7	2.7
	69.8	53.6	30.9	17.6	2.6	31.3	18.1	2.6	31.8	18.6	2.7	32.3	19.1	2.7	32.7	19.7	2.8
		59.0	31.6	14.4	2.7	32.1	14.8	2.7	32.6	15.2	2.7	33.0	15.6	2.8	33.5	16.1	2.8
		66.2	36.8	11.4	2.9	37.3	11.7	2.9	37.9	12.0	3.0	38.4	12.4	3.0	39.0	12.7	3.1
	75.2	60.8	33.0	18.0	2.6	33.5	18.5	2.7	34.0	19.1	2.7	34.5	19.6	2.8	35.0	20.2	2.8
		66.2	37.5	17.5	2.9	38.1	18.0	2.9	38.7	18.5	3.0	39.2	19.1	3.0	39.8	19.6	3.1
		73.4	36.8	8.2	3.0	37.3	8.5	3.1	37.9	8.7	3.1	38.4	9.0	3.2	39.0	9.2	3.2
	80.6	60.8	34.5	22.5	2.8	35.0	23.2	2.9	35.5	23.8	2.9	36.0	24.5	3.0	36.5	25.2	3.0
		66.2	38.3	22.3	2.9	38.9	23.0	3.0	39.4	23.6	3.0	40.0	24.3	3.1	40.6	25.0	3.1
		73.4	40.6	15.1	3.0	41.2	15.6	3.0	41.8	16.0	3.1	42.4	16.5	3.1	43.0	17.0	3.2
	84.2	66.2	39.0	23.9	2.9	39.6	24.6	3.0	40.2	25.3	3.0	40.8	26.0	3.1	41.4	26.8	3.2
		60.8	36.3	25.1	2.9	36.8	25.9	2.9	37.4	26.6	3.0	37.9	27.4	3.0	38.5	28.1	3.1
		66.2	39.4	25.5	2.9	40.0	26.3	3.0	40.6	27.0	3.0	41.2	27.8	3.1	41.8	28.6	3.2
	86.0	73.4	41.4	20.9	3.0	42.0	21.5	3.1	42.7	22.1	3.1	43.3	22.8	3.2	43.9	23.4	3.2
		60.8	38.1	27.2	2.9	38.7	28.0	3.0	39.3	28.8	3.0	39.9	29.6	3.1	40.5	30.4	3.1
		66.2	40.6	28.6	3.0	41.2	29.5	3.0	41.8	30.3	3.1	42.4	31.2	3.1	43.0	32.1	3.2
89.6	73.4	41.8	26.0	3.0	42.4	26.7	3.1	43.1	27.5	3.1	43.7	28.3	3.2	44.3	29.1	3.2	

AFR	Indoor temperature		Outdoor temperature DB (°F)														
			5			14			19.4			23			32		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2039	64.4	48.2	25.3	8.5	2.2	25.7	8.7	2.2	26.1	9.0	2.3	26.5	9.3	2.3	26.8	9.5	2.3
		53.6	26.3	5.5	2.3	26.6	5.7	2.3	27.0	5.9	2.4	27.4	6.0	2.4	27.8	6.2	2.4
		59.0	31.6	5.7	2.5	32.1	5.9	2.5	32.6	6.0	2.6	33.1	6.2	2.6	33.5	6.4	2.7
	69.8	53.6	31.5	12.9	2.6	32.0	13.3	2.7	32.4	13.7	2.7	32.9	14.0	2.8	33.4	14.4	2.8
		59.0	32.2	10.5	2.7	32.7	10.9	2.7	33.2	11.2	2.8	33.7	11.5	2.8	34.2	11.8	2.9
		66.2	37.5	8.3	2.9	38.1	8.6	2.9	38.6	8.8	3.0	39.2	9.1	3.0	39.8	9.3	3.1
	75.2	60.8	33.7	13.2	2.7	34.2	13.6	2.7	34.7	14.0	2.8	35.2	14.4	2.8	35.7	14.8	2.9
		66.2	38.3	12.9	2.9	38.8	13.2	3.0	39.4	13.6	3.0	40.0	14.0	3.1	40.6	14.4	3.1
		73.4	37.5	6.0	3.0	38.1	6.2	3.1	38.6	6.4	3.1	39.2	6.6	3.2	39.8	6.8	3.2
	80.6	60.8	35.1	16.5	2.9	35.7	17.0	2.9	36.2	17.5	3.0	36.7	18.0	3.0	37.3	18.5	3.1
		66.2	39.0	16.4	2.9	39.6	16.9	3.0	40.2	17.4	3.0	40.8	17.9	3.1	41.4	18.4	3.2
		73.4	41.4	11.1	3.0	42.0	11.4	3.1	42.6	11.8	3.1	43.3	12.1	3.2	43.9	12.5	3.2
	84.2	66.2	39.8	17.6	3.0	40.4	18.1	3.0	41.0	18.6	3.1	41.6	19.1	3.1	42.2	19.7	3.2
		60.8	37.0	18.5	2.9	37.6	19.0	2.9	38.1	19.5	3.0	38.7	20.1	3.0	39.2	20.7	3.1
		66.2	40.2	18.7	3.0	40.8	19.3	3.0	41.4	19.9	3.1	42.0	20.4	3.1	42.7	21.0	3.2
	86.0	73.4	42.2	15.4	3.0	42.9	15.8	3.1	43.5	16.3	3.1	44.2	16.7	3.2	44.8	17.2	3.2
		60.8	38.9	20.0	2.9	39.5	20.6	3.0	40.1	21.1	3.0	40.7	21.7	3.1	41.3	22.4	3.2
		66.2	41.4	21.0	3.0	42.0	21.6	3.1	42.6	22.3	3.1	43.3	22.9	3.2	43.9	23.5	3.2
89.6	73.4	41.8	18.7	3.0	42.4	19.2	3.1	43.1	19.8	3.1	43.7	20.4	3.2	44.3	20.9	3.2	
	60.8	38.9	20.0	2.9	39.5	20.6	3.0	40.1	21.1	3.0	40.7	21.7	3.1	41.3	22.4	3.2	
	66.2	41.4	21.0	3.0	42.0	21.6	3.1	42.6	22.3	3.1	43.3	22.9	3.2	43.9	23.5	3.2	
2225	64.4	48.2	25.6	6.2	2.2	25.9	6.4	2.2	26.3	6.5	2.3	26.7	6.7	2.3	27.1	6.9	2.4
		53.6	26.5	4.0	2.3	26.9	4.2	2.3	27.3	4.3	2.4	27.7	4.4	2.4	28.1	4.5	2.5
		59.0	31.9	4.2	2.5	32.4	4.3	2.6	32.9	4.4	2.6	33.4	4.5	2.7	33.9	4.6	2.7
	69.8	53.6	31.8	9.4	2.6	32.3	9.6	2.7	32.8	9.9	2.7	33.2	10.2	2.8	33.7	10.5	2.8
		59.0	32.6	7.7	2.7	33.0	7.9	2.8	33.5	8.1	2.8	34.0	8.4	2.9	34.5	8.6	2.9
		66.2	37.9	6.1	2.9	38.4	6.2	3.0	39.0	6.4	3.0	39.6	6.6	3.1	40.1	6.8	3.1
	75.2	60.8	34.0	9.6	2.7	34.5	9.9	2.8	35.0	10.2	2.8	35.6	10.5	2.9	36.1	10.8	2.9
		66.2	38.6	9.3	2.9	39.2	9.6	3.0	39.8	9.9	3.0	40.4	10.2	3.1	41.0	10.5	3.2
		73.4	37.9	4.4	3.1	38.4	4.5	3.1	39.0	4.7	3.2	39.6	4.8	3.2	40.2	4.9	3.3
	80.6	60.8	35.5	12.0	2.9	36.0	12.4	2.9	36.6	12.7	3.0	37.1	13.1	3.0	37.6	13.5	3.1
		66.2	39.4	11.9	3.0	40.0	12.3	3.0	40.6	12.6	3.1	41.2	13.0	3.1	41.8	13.3	3.2
		73.4	41.8	8.1	3.0	42.4	8.3	3.1	43.1	8.6	3.1	43.7	8.8	3.2	44.3	9.1	3.2
	84.2	66.2	40.2	12.8	3.0	40.8	13.1	3.1	41.4	13.5	3.1	42.0	13.9	3.2	42.7	14.3	3.2
		60.8	37.4	13.4	2.9	37.9	13.8	3.0	38.5	14.2	3.0	39.1	14.6	3.1	39.6	15.0	3.1
		66.2	40.6	13.6	3.0	41.2	14.0	3.1	41.8	14.4	3.1	42.5	14.8	3.2	43.1	15.3	3.2
	86.0	73.4	42.6	11.2	3.1	43.3	11.5	3.1	43.9	11.8	3.2	44.6	12.2	3.2	45.2	12.5	3.3
		60.8	39.3	14.5	3.0	39.9	14.9	3.0	40.5	15.4	3.1	41.1	15.8	3.1	41.7	16.3	3.2
		66.2	41.8	15.3	3.0	42.4	15.7	3.1	43.1	16.2	3.1	43.7	16.7	3.2	44.3	17.1	3.2
89.6	73.4	41.8	13.5	3.0	42.4	13.8	3.1	43.1	14.2	3.1	43.7	14.7	3.2	44.3	15.1	3.2	

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AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			41			50			59			64.4			69.8			77		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1483	64.4	48.2	24.8	11.0	2.3	25.2	11.3	2.3	25.5	11.6	2.4	26.2	12.1	2.5	28.0	13.7	2.7	32.5	16.9	2.9
		53.6	25.7	7.2	2.4	26.1	7.4	2.4	26.5	7.6	2.5	27.2	7.9	2.6	29.0	8.9	2.8	33.7	11.0	3.0
		59.0	31.0	7.4	2.6	31.5	7.6	2.7	31.9	7.8	2.7	32.8	8.1	2.9	35.0	9.2	3.1	40.6	11.3	3.3
	69.8	53.6	30.9	16.7	2.8	31.3	17.2	2.8	31.8	17.6	2.9	32.6	18.3	3.0	34.8	20.8	3.2	40.5	25.6	3.5
		59.0	31.6	13.7	2.8	32.1	14.0	2.9	32.5	14.4	2.9	33.4	15.0	3.1	35.6	17.0	3.3	41.4	20.9	3.5
		66.2	36.8	10.8	3.0	37.3	11.1	3.1	37.8	11.4	3.1	38.8	11.9	3.3	41.4	13.5	3.6	48.2	16.6	3.8
	75.2	60.8	33.0	17.2	2.8	33.5	17.6	2.9	34.0	18.1	2.9	34.9	18.8	3.1	37.2	21.3	3.3	43.3	26.3	3.5
		66.2	37.5	16.7	3.1	38.1	17.1	3.1	38.6	17.6	3.2	39.6	18.3	3.3	42.3	20.7	3.6	49.2	25.5	3.8
		73.4	36.8	7.8	3.2	37.3	8.1	3.3	37.8	8.3	3.3	38.9	8.6	3.5	41.4	9.8	3.7	48.2	12.0	4.0
	80.6	60.8	34.5	21.4	3.0	35.0	22.0	3.1	35.4	22.6	3.1	36.4	23.5	3.3	38.8	26.7	3.5	45.2	32.8	3.8
		66.2	38.3	21.3	3.1	38.8	21.8	3.2	39.4	22.4	3.2	40.5	23.3	3.4	43.2	26.4	3.6	50.2	32.5	3.9
		73.4	40.6	14.4	3.2	41.2	14.8	3.2	41.7	15.2	3.3	42.9	15.8	3.4	45.7	17.9	3.7	53.2	22.1	4.0
	84.2	66.2	39.1	22.8	3.1	39.6	23.4	3.2	40.2	24.0	3.2	41.3	25.0	3.4	44.0	28.3	3.7	51.2	34.9	3.9
		60.8	36.3	23.9	3.0	36.8	24.6	3.1	37.3	25.2	3.1	38.3	26.3	3.3	40.9	29.8	3.6	47.5	36.6	3.8
		66.2	39.4	24.3	3.1	40.0	25.0	3.2	40.6	25.6	3.2	41.7	26.7	3.4	44.4	30.2	3.7	51.7	37.2	3.9
	86.0	73.4	41.4	19.9	3.2	42.0	20.4	3.3	42.6	21.0	3.3	43.8	21.8	3.5	46.7	24.8	3.7	54.3	30.5	4.0
		60.8	38.2	25.9	3.1	38.7	26.6	3.2	39.2	27.3	3.2	40.3	28.4	3.4	43.0	32.2	3.6	50.0	39.6	3.9
		66.2	40.6	27.3	3.2	41.2	28.0	3.2	41.7	28.8	3.3	42.9	29.9	3.4	45.7	33.9	3.7	53.2	41.7	4.0
89.6	73.4	45.0	26.6	3.3	45.6	27.3	3.3	46.2	28.0	3.4	47.5	29.2	3.5	50.7	33.1	3.8	58.9	40.7	4.1	
	48.2	26.2	12.1	2.3	26.5	12.5	2.4	26.9	12.8	2.4	27.6	13.3	2.5	29.5	15.1	2.7	34.3	18.6	2.9	
	53.6	27.1	7.9	2.4	27.5	8.1	2.5	27.9	8.4	2.5	28.7	8.7	2.6	30.6	9.8	2.8	35.5	12.1	3.0	
1669	64.4	59.0	32.7	8.2	2.7	33.2	8.4	2.7	33.6	8.6	2.8	34.5	8.9	2.9	36.8	10.1	3.1	42.8	12.5	3.3
		53.6	32.5	18.4	2.8	33.0	18.9	2.8	33.5	19.4	2.9	34.4	20.2	3.0	36.7	22.9	3.3	42.6	28.2	3.5
		59.0	33.3	15.1	2.9	33.8	15.5	2.9	34.3	15.9	3.0	35.2	16.5	3.1	37.5	18.7	3.3	43.6	23.1	3.6
	69.8	66.2	38.7	11.9	3.1	39.3	12.2	3.1	39.8	12.6	3.2	40.9	13.1	3.3	43.7	14.8	3.6	50.8	18.2	3.8
		60.8	34.8	18.9	2.9	35.3	19.4	2.9	35.8	19.9	3.0	36.8	20.7	3.1	39.2	23.5	3.3	45.6	28.9	3.6
		66.2	39.6	18.4	3.1	40.1	18.9	3.2	40.7	19.4	3.2	41.8	20.1	3.4	44.6	22.8	3.6	51.8	28.1	3.9
	75.2	73.4	38.8	8.6	3.2	39.3	8.9	3.3	39.9	9.1	3.3	40.9	9.5	3.5	43.7	10.7	3.8	50.8	13.2	4.0
		60.8	36.3	23.6	3.0	36.8	24.2	3.1	37.3	24.9	3.1	38.4	25.9	3.3	40.9	29.4	3.6	47.6	36.1	3.8
		66.2	40.4	23.4	3.1	40.9	24.0	3.2	41.5	24.7	3.2	42.6	25.7	3.4	45.5	29.1	3.7	52.9	35.8	3.9
	80.6	73.4	42.8	15.9	3.2	43.4	16.3	3.3	44.0	16.8	3.3	45.2	17.4	3.5	48.2	19.8	3.7	56.0	24.3	4.0
		66.2	41.2	25.1	3.2	41.7	25.8	3.2	42.3	26.4	3.3	43.5	27.5	3.4	46.4	31.2	3.7	53.9	38.4	4.0
		60.8	38.2	26.3	3.1	38.8	27.1	3.1	39.3	27.8	3.2	40.4	28.9	3.3	43.1	32.8	3.6	50.1	40.3	3.8
	86.0	66.2	41.6	26.8	3.2	42.2	27.5	3.2	42.7	28.2	3.3	43.9	29.4	3.4	46.8	33.3	3.7	54.5	41.0	4.0
		73.4	43.6	21.9	3.2	44.3	22.5	3.3	44.9	23.1	3.3	46.1	24.1	3.5	49.2	27.3	3.8	57.2	33.6	4.0
		60.8	40.2	28.5	3.1	40.8	29.3	3.2	41.3	30.1	3.2	42.5	31.3	3.4	45.3	35.5	3.7	52.7	43.6	3.9
	89.6	66.2	42.8	30.0	3.2	43.4	30.8	3.3	44.0	31.7	3.3	45.2	33.0	3.5	48.2	37.3	3.7	56.0	46.0	4.0
		73.4	45.0	27.8	3.3	45.6	28.5	3.3	46.2	29.3	3.4	47.5	30.5	3.5	50.7	34.5	3.8	58.9	42.5	4.1
		48.2	26.7	13.3	2.3	27.1	13.7	2.4	27.4	14.0	2.4	28.2	14.6	2.5	30.1	16.6	2.7	35.0	20.4	2.9
1854	64.4	53.6	27.7	8.7	2.5	28.1	8.9	2.5	28.5	9.2	2.5	29.2	9.5	2.7	31.2	10.8	2.9	36.3	13.3	3.1
		59.0	33.4	8.9	2.7	33.8	9.2	2.7	34.3	9.4	2.8	35.2	9.8	2.9	37.6	11.1	3.1	43.7	13.7	3.4
		53.6	33.2	20.2	2.8	33.7	20.7	2.9	34.1	21.3	2.9	35.1	22.2	3.1	37.4	25.1	3.3	43.5	30.9	3.5
	69.8	59.0	34.0	16.5	2.9	34.5	17.0	2.9	35.0	17.4	3.0	35.9	18.1	3.1	38.3	20.6	3.4	44.5	25.3	3.6
		66.2	39.5	13.1	3.1	40.1	13.4	3.2	40.6	13.8	3.2	41.8	14.3	3.4	44.5	16.3	3.6	51.8	20.0	3.9
		60.8	35.5	20.7	2.9	36.0	21.3	2.9	36.5	21.9	3.0	37.5	22.8	3.1	40.0	25.8	3.4	46.5	31.7	3.6
	75.2	66.2	40.4	20.1	3.1	40.9	20.7	3.2	41.5	21.2	3.2	42.6	22.1	3.4	45.5	25.0	3.7	52.9	30.8	3.9
		73.4	39.6	9.5	3.3	40.1	9.7	3.3	40.7	10.0	3.4	41.8	10.4	3.5	44.6	11.8	3.8	51.8	14.5	4.1
		60.8	37.1	25.9	3.1	37.6	26.6	3.1	38.1	27.3	3.2	39.2	28.4	3.3	41.8	32.2	3.6	48.5	39.6	3.8
	80.6	66.2	41.2	25.7	3.2	41.8	26.4	3.2	42.3	27.1	3.3	43.5	28.2	3.4	46.4	31.9	3.7	53.9	39.3	4.0
		73.4	43.7	17.4	3.2	44.3	17.9	3.3	44.9	18.4	3.3	46.1	19.1	3.5	49.2	21.7	3.8	57.2	26.7	4.0
		66.2	42.0	27.5	3.2	42.6	28.3	3.3	43.2	29.0	3.3	44.4	30.2	3.5	47.3	34.2	3.7	55.0	42.1	4.0
	86.0	60.8	39.0	28.9	3.1	39.6	29.7	3.2	40.1	30.5	3.2	41.2	31.7	3.4	44.0	36.0	3.6	51.1	44.3	3.9
		66.2	42.4	29.4	3.2	43.0	30.2	3.3	43.6	31.0	3.3	44.8	32.2	3.5	47.8	36.5	3.7	55.6	45.0	4.0
		73.4	44.5	24.1	3.3	45.2	24.7	3.3	45.8	25.4	3.4	47.0	26.4	3.5	50.2	29.9	3.8	58.3	36.8	4.1
	89.6	60.8	41.0	31.3	3.2	41.6	32.1	3.2	42.2	33.0	3.3	43.3	34.3	3.4	46.2	38.9	3.7	53.7	47.9	4.0
		66.2	43.7	32.9	3.2	44.3	33.8	3.3	44.9	34.8	3.3	46.1	36.2	3.5	49.2	41.0	3.8	57.2	50.4	4.0
		73.4	45.0	29.9	3.3	45.6	30.7	3.3	46.2	31.5	3.4	47.5	32.8	3.5	50.7	37.1	3.8	58.9	45.7	4.1

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			41			50			59			64.4			69.8			77		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2039	64.4	48.2	27.2	9.8	2.4	27.6	10.0	2.4	28.0	10.3	2.4	28.8	10.7	2.6	30.7	12.2	2.8	35.7	15.0	3.0
		53.6	28.2	6.4	2.5	28.6	6.6	2.5	29.0	6.7	2.6	29.8	7.0	2.7	31.8	7.9	2.9	37.0	9.8	3.1
		59.0	34.0	6.6	2.7	34.5	6.7	2.8	35.0	6.9	2.8	35.9	7.2	3.0	38.3	8.2	3.2	44.6	10.1	3.4
	69.8	53.6	33.9	14.8	2.9	34.4	15.2	2.9	34.8	15.6	3.0	35.8	16.3	3.1	38.2	18.5	3.3	44.4	22.7	3.6
		59.0	34.7	12.1	2.9	35.2	12.5	3.0	35.7	12.8	3.0	36.6	13.3	3.2	39.1	15.1	3.4	45.4	18.6	3.7
		66.2	40.3	9.6	3.1	40.9	9.9	3.2	41.5	10.1	3.2	42.6	10.5	3.4	45.4	11.9	3.7	52.8	14.7	3.9
	75.2	60.8	36.2	15.2	2.9	36.7	15.6	3.0	37.2	16.1	3.0	38.3	16.7	3.2	40.8	18.9	3.4	47.5	23.3	3.6
		66.2	41.2	14.8	3.2	41.7	15.2	3.2	42.3	15.6	3.3	43.5	16.2	3.4	46.4	18.4	3.7	53.9	22.6	4.0
		73.4	40.3	7.0	3.3	40.9	7.1	3.4	41.5	7.3	3.4	42.6	7.6	3.6	45.5	8.7	3.9	52.8	10.7	4.1
	80.6	60.8	37.8	19.0	3.1	38.3	19.5	3.2	38.9	20.1	3.2	39.9	20.9	3.4	42.6	23.7	3.6	49.5	29.1	3.9
		66.2	42.0	18.9	3.2	42.6	19.4	3.3	43.2	19.9	3.3	44.4	20.7	3.5	47.3	23.5	3.7	55.0	28.9	4.0
		73.4	44.5	12.8	3.3	45.2	13.1	3.3	45.8	13.5	3.4	47.0	14.0	3.5	50.2	15.9	3.8	58.3	19.6	4.1
	84.2	66.2	42.8	20.2	3.2	43.5	20.8	3.3	44.1	21.3	3.3	45.3	22.2	3.5	48.3	25.1	3.8	56.1	30.9	4.0
		60.8	39.8	21.2	3.1	40.4	21.8	3.2	40.9	22.4	3.2	42.0	23.3	3.4	44.9	26.4	3.7	52.1	32.5	3.9
		66.2	43.3	21.6	3.2	43.9	22.2	3.3	44.5	22.8	3.3	45.7	23.7	3.5	48.8	26.8	3.8	56.7	33.0	4.0
	86.0	73.4	45.4	17.7	3.3	46.1	18.1	3.4	46.7	18.6	3.4	48.0	19.4	3.6	51.2	22.0	3.9	59.5	27.0	4.1
		60.8	41.9	23.0	3.2	42.4	23.6	3.3	43.0	24.2	3.3	44.2	25.2	3.5	47.2	28.6	3.7	54.8	35.2	4.0
		66.2	44.5	24.2	3.3	45.2	24.9	3.3	45.8	25.5	3.4	47.0	26.6	3.5	50.2	30.1	3.8	58.3	37.0	4.1
89.6	73.4	45.0	21.5	3.3	45.6	22.1	3.3	46.2	22.7	3.4	47.5	23.6	3.5	50.7	26.7	3.8	58.9	32.9	4.1	
	48.2	27.5	7.1	2.4	27.9	7.3	2.4	28.3	7.5	2.5	29.0	7.8	2.6	31.0	8.8	2.8	36.0	10.9	3.0	
	53.6	28.5	4.6	2.5	28.9	4.8	2.5	29.3	4.9	2.6	30.1	5.1	2.7	32.1	5.8	2.9	37.4	7.1	3.1	
2225	64.4	59.0	34.4	4.8	2.8	34.8	4.9	2.8	35.3	5.0	2.8	36.3	5.2	3.0	38.7	5.9	3.2	45.0	7.3	3.4
		53.6	34.2	10.8	2.9	34.7	11.1	2.9	35.2	11.4	3.0	36.1	11.8	3.1	38.5	13.4	3.4	44.8	16.5	3.6
		59.0	35.0	8.8	3.0	35.5	9.1	3.0	36.0	9.3	3.0	37.0	9.7	3.2	39.5	11.0	3.4	45.9	13.5	3.7
	69.8	66.2	40.7	7.0	3.2	41.3	7.2	3.2	41.9	7.4	3.3	43.0	7.7	3.4	45.9	8.7	3.7	53.3	10.7	4.0
		60.8	36.6	11.1	2.9	37.1	11.4	3.0	37.6	11.7	3.0	38.6	12.2	3.2	41.2	13.8	3.4	47.9	16.9	3.7
		66.2	41.6	10.8	3.2	42.2	11.0	3.3	42.7	11.3	3.3	43.9	11.8	3.5	46.8	13.4	3.7	54.5	16.5	4.0
	75.2	73.4	40.7	5.1	3.3	41.3	5.2	3.4	41.9	5.3	3.4	43.0	5.6	3.6	45.9	6.3	3.9	53.4	7.7	4.2
		60.8	38.2	13.8	3.1	38.7	14.2	3.2	39.3	14.6	3.2	40.3	15.2	3.4	43.0	17.2	3.7	50.0	21.2	3.9
		66.2	42.4	13.7	3.2	43.0	14.1	3.3	43.6	14.5	3.3	44.8	15.1	3.5	47.8	17.1	3.8	55.6	21.0	4.0
	80.6	73.4	45.0	9.3	3.3	45.6	9.6	3.4	46.2	9.8	3.4	47.5	10.2	3.6	50.7	11.6	3.9	58.9	14.2	4.1
		66.2	43.3	14.7	3.3	43.9	15.1	3.3	44.5	15.5	3.4	45.7	16.1	3.5	48.8	18.3	3.8	56.7	22.5	4.1
		60.8	40.2	15.4	3.2	40.8	15.9	3.2	41.3	16.3	3.3	42.5	16.9	3.4	45.3	19.2	3.7	52.7	23.6	4.0
	86.0	66.2	43.7	15.7	3.3	44.3	16.1	3.3	44.9	16.5	3.4	46.2	17.2	3.5	49.2	19.5	3.8	57.2	24.0	4.1
		73.4	45.9	12.8	3.3	46.5	13.2	3.4	47.2	13.5	3.4	48.5	14.1	3.6	51.7	16.0	3.9	60.1	19.7	4.2
		60.8	42.3	16.7	3.2	42.9	17.2	3.3	43.5	17.6	3.3	44.6	18.3	3.5	47.6	20.8	3.8	55.4	25.6	4.0
	89.6	66.2	45.0	17.6	3.3	45.6	18.1	3.4	46.2	18.6	3.4	47.5	19.3	3.6	50.7	21.9	3.9	58.9	26.9	4.1
		73.4	45.0	15.5	3.3	45.6	15.9	3.3	46.2	16.3	3.4	47.5	17.0	3.5	50.7	19.3	3.8	58.9	23.7	4.1

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			86			95			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
1483	64.4	48.2	33.9	18.6	3.3	35.0	20.2	3.8	34.3	19.9	4.2	28.0	16.6	3.5	26.2	15.9	3.3	24.5	15.1	3.3
		53.6	35.2	12.1	3.4	36.3	13.2	4.0	35.5	13.0	4.4	29.0	10.8	3.6	27.2	10.4	3.4	25.4	9.9	3.5
		59.0	42.4	12.5	3.7	43.7	13.5	4.4	42.8	13.4	4.8	35.0	11.2	4.0	32.8	10.7	3.7	30.6	10.1	3.8
	69.8	53.6	42.2	28.2	3.9	43.5	30.6	4.6	42.6	30.3	5.0	34.8	25.2	4.2	32.6	24.1	3.9	30.5	22.9	4.0
		59.0	43.2	23.1	4.0	44.5	25.0	4.7	43.6	24.8	5.2	35.6	20.6	4.3	33.4	19.7	4.0	31.2	18.7	4.1
		66.2	50.2	18.2	4.3	51.8	19.8	5.1	50.8	19.6	5.5	41.4	16.3	4.6	38.8	15.6	4.3	36.3	14.8	4.4
	75.2	60.8	45.1	28.9	4.0	46.5	31.4	4.7	45.6	31.1	5.1	37.2	25.9	4.2	34.9	24.7	4.0	32.6	23.5	4.1
		66.2	51.3	28.1	4.4	52.9	30.5	5.1	51.8	30.2	5.6	42.3	25.1	4.6	39.6	24.0	4.4	37.0	22.8	4.5
		73.4	50.3	13.2	4.5	51.8	14.3	5.3	50.8	14.2	5.8	41.4	11.8	4.8	38.9	11.3	4.5	36.3	10.7	4.6
	80.6	60.8	47.1	36.1	4.3	48.5	39.2	5.0	47.6	38.8	5.5	38.8	32.3	4.5	36.4	30.9	4.3	34.0	29.4	4.4
		66.2	52.3	35.8	4.4	53.9	38.9	5.2	52.9	38.5	5.7	43.2	32.0	4.7	40.5	30.6	4.4	37.8	29.1	4.5
		73.4	55.5	24.3	4.5	57.2	26.4	5.3	56.0	26.1	5.8	45.7	21.7	4.8	42.9	20.8	4.5	40.0	19.8	4.6
	84.2	66.2	53.4	38.4	4.5	55.0	41.6	5.2	53.9	41.2	5.7	44.0	34.3	4.7	41.3	32.8	4.5	38.5	31.2	4.6
		60.8	49.6	40.3	4.3	51.1	43.8	5.1	50.1	43.3	5.5	40.9	36.1	4.6	38.3	34.1	4.3	35.8	31.8	4.4
		66.2	53.9	41.0	4.5	55.6	44.5	5.2	54.5	44.0	5.7	44.4	36.6	4.7	41.7	35.0	4.5	38.9	33.3	4.6
	86.0	73.4	56.6	33.6	4.5	58.3	36.4	5.3	57.2	36.0	5.8	46.7	30.0	4.8	43.8	28.7	4.5	40.8	27.3	4.6
		60.8	52.1	43.6	4.4	53.7	47.4	5.2	52.7	46.9	5.6	43.0	38.3	4.7	40.3	35.9	4.4	37.6	33.5	4.5
		66.2	55.5	46.0	4.5	57.2	49.9	5.3	56.0	49.4	5.8	45.7	40.7	4.8	42.9	38.2	4.5	40.0	35.6	4.6
89.6	73.4	61.4	44.8	4.6	63.3	48.6	5.4	62.1	48.1	5.9	50.7	40.1	4.9	47.5	38.3	4.6	44.3	36.4	4.7	
	60.8	52.1	43.6	4.4	53.7	47.4	5.2	52.7	46.9	5.6	43.0	38.3	4.7	40.3	35.9	4.4	37.6	33.5	4.5	
	66.2	55.5	46.0	4.5	57.2	49.9	5.3	56.0	49.4	5.8	45.7	40.7	4.8	42.9	38.2	4.5	40.0	35.6	4.6	
1669	64.4	48.2	35.7	20.5	3.3	36.8	22.2	3.9	36.1	22.0	4.2	29.5	18.3	3.5	27.6	17.5	3.3	25.8	16.6	3.4
		53.6	37.1	13.3	3.4	38.2	14.5	4.1	37.5	14.3	4.4	30.6	11.9	3.6	28.7	11.4	3.4	26.8	10.8	3.5
		59.0	44.7	13.7	3.8	46.0	14.9	4.5	45.1	14.8	4.9	36.8	12.3	4.0	34.5	11.7	3.8	32.2	11.2	3.9
	69.8	53.6	44.5	31.0	4.0	45.8	33.7	4.7	44.9	33.3	5.1	36.7	27.7	4.2	34.4	26.5	4.0	32.1	25.2	4.1
		59.0	45.5	25.4	4.1	46.9	27.5	4.8	46.0	27.3	5.2	37.5	22.7	4.3	35.2	21.7	4.1	32.9	20.6	4.2
		66.2	52.9	20.1	4.4	54.6	21.8	5.1	53.5	21.6	5.6	43.7	18.0	4.6	40.9	17.2	4.4	38.2	16.3	4.5
	75.2	60.8	47.6	31.9	4.1	49.0	34.6	4.8	48.0	34.2	5.2	39.2	28.5	4.3	36.8	27.2	4.1	34.3	25.9	4.1
		66.2	54.0	30.9	4.4	55.7	33.6	5.2	54.6	33.2	5.7	44.6	27.7	4.7	41.8	26.4	4.4	39.0	25.1	4.5
		73.4	53.0	14.6	4.6	54.6	15.8	5.4	53.5	15.6	5.9	43.7	13.0	4.9	40.9	12.4	4.6	38.2	11.8	4.7
	80.6	60.8	49.6	39.8	4.3	51.2	43.2	5.1	50.1	42.7	5.5	40.9	35.6	4.6	38.4	34.0	4.3	35.8	32.3	4.4
		66.2	55.1	39.5	4.5	56.8	42.8	5.2	55.7	42.4	5.7	45.5	35.3	4.7	42.6	33.7	4.5	39.8	32.1	4.6
		73.4	58.4	26.8	4.5	60.3	29.0	5.3	59.0	28.8	5.8	48.2	23.9	4.8	45.2	22.9	4.5	42.2	21.8	4.6
	84.2	66.2	56.2	42.3	4.5	58.0	45.9	5.3	56.8	45.4	5.8	46.4	37.8	4.8	43.5	36.1	4.5	40.6	34.3	4.6
		60.8	52.2	44.4	4.4	53.9	48.2	5.1	52.8	47.7	5.6	43.1	39.7	4.6	40.4	37.6	4.4	37.7	35.1	4.5
		66.2	56.8	45.1	4.5	58.5	49.0	5.3	57.4	48.5	5.8	46.8	40.3	4.8	43.9	38.6	4.5	41.0	36.7	4.6
	86.0	73.4	59.6	36.9	4.6	61.5	40.1	5.4	60.2	39.7	5.9	49.2	33.0	4.9	46.1	31.6	4.6	43.0	30.0	4.7
		60.8	54.9	48.0	4.4	56.6	52.1	5.2	55.5	51.6	5.7	45.3	42.1	4.7	42.5	39.5	4.4	39.6	36.9	4.6
		66.2	58.4	50.6	4.5	60.3	54.9	5.3	59.0	54.4	5.8	48.2	44.8	4.8	45.2	42.0	4.5	42.2	39.2	4.6
89.6	73.4	61.4	46.8	4.6	63.3	50.8	5.4	62.1	50.3	5.9	50.7	41.9	4.9	47.5	40.0	4.6	44.3	38.0	4.7	
	60.8	52.1	43.6	4.4	53.7	47.4	5.2	52.7	46.9	5.6	43.0	38.3	4.7	40.3	35.9	4.4	37.6	33.5	4.5	
	66.2	55.5	46.0	4.5	57.2	49.9	5.3	56.0	49.4	5.8	45.7	40.7	4.8	42.9	38.2	4.5	40.0	35.6	4.6	
1854	64.4	48.2	36.5	22.4	3.3	37.6	24.4	3.9	36.8	24.1	4.3	30.1	20.1	3.5	28.2	19.2	3.3	26.3	18.2	3.4
		53.6	37.8	14.6	3.5	39.0	15.9	4.1	38.2	15.7	4.5	31.2	13.1	3.7	29.2	12.5	3.5	27.3	11.9	3.6
		59.0	45.6	15.1	3.8	47.0	16.4	4.5	46.0	16.2	4.9	37.6	13.5	4.0	35.2	12.9	3.8	32.9	12.3	3.9
	69.8	53.6	45.4	34.0	4.0	46.8	36.9	4.7	45.8	36.6	5.1	37.4	30.4	4.2	35.1	29.1	4.0	32.7	27.7	4.1
		59.0	46.5	27.8	4.1	47.9	30.2	4.8	46.9	29.9	5.3	38.3	24.9	4.3	35.9	23.8	4.1	33.5	22.6	4.2
		66.2	54.0	22.0	4.4	55.7	23.9	5.2	54.6	23.7	5.7	44.5	19.7	4.7	41.8	18.8	4.4	39.0	17.9	4.5
	75.2	60.8	48.5	34.9	4.1	50.0	37.9	4.8	49.0	37.5	5.3	40.0	31.3	4.3	37.5	29.9	4.1	35.0	28.4	4.2
		66.2	55.1	33.9	4.5	56.8	36.8	5.2	55.7	36.5	5.7	45.5	30.4	4.7	42.6	29.0	4.5	39.8	27.6	4.6
		73.4	54.0	16.0	4.6	55.7	17.3	5.4	54.6	17.2	5.9	44.6	14.3	4.9	41.8	13.6	4.6	39.0	13.0	4.7
	80.6	60.8	50.6	43.6	4.4	52.2	47.4	5.1	51.2	46.9	5.6	41.8	39.0	4.6	39.2	37.3	4.4	36.5	35.5	4.5
		66.2	56.3	43.3	4.5	58.0	47.0	5.3	56.8	46.5	5.8	46.4	38.7	4.8	43.5	37.0	4.5	40.6	35.2	4.6
		73.4	59.6	29.4	4.6	61.5	31.9	5.4	60.3	31.5	5.9	49.2	26.3	4.9	46.1	25.1	4.6	43.0	23.9	4.7
	84.2	66.2	57.4	46.4	4.5	59.2	50.3	5.3	58.0	49.8	5.8	47.3	41.5	4.8	44.4	39.6	4.5	41.4	37.7	4.6
		60.8	53.3	48.7	4.4	55.0	52.9	5.2	53.9	52.3	5.6	44.0	43.6	4.7	41.2	41.2	4.4	38.5	38.5	4.5
		66.2	58.0	49.5	4.5	59.7	53.7	5.3	58.5	53.2	5.8	47.8	44.3	4.8	44.8	42.3	4.5	41.8	40.2	4.6
	86.0	73.4	60.8	40.5	4.6	62.7	44.0	5.4	61.5	43.5	5.9	50.2	36.3	4.9	47.0	34.6	4.6	43.9	33.0	4.7
		60.8	56.1	52.7	4.5	57.8	57.2	5.3	56.6	56.6	5.8	46.2	46.2	4.8	43.3	43.3	4.5	40.5	40.5	4.6
		66.2	59.6	55.5	4.6	61.5	60.3	5.4	60.3	59.6	5.9	49.2	49.2	4.9	46.1	46.1	4.6	43.0	43.0	4.7
89.6	73.4	61.4	50.3	4.6	63.3	54.6	5.4	62.1	54.1	5.9	50.7	45.0	4.9	47.5	43.0	4.6	44.3	40.9	4.7	

AFR	Indoor temperature		Outdoor temperature DB (°F)																	
			86			95			102.2			109.4			114.8			118.4		
	DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
2039	64.4	48.2	37.2	16.5	3.4	38.3	25.6	4.0	37.6	17.7	4.3	30.7	14.7	3.6	28.8	14.1	3.4	26.8	13.4	3.4
		53.6	38.6	10.8	3.5	39.8	16.7	4.1	39.0	11.6	4.5	31.8	9.6	3.7	29.8	9.2	3.5	27.8	8.7	3.6
		59.0	46.5	11.1	3.9	47.9	17.2	4.5	47.0	11.9	5.0	38.3	9.9	4.1	35.9	9.5	3.9	33.5	9.0	4.0
	69.8	53.6	46.3	25.0	4.1	47.7	38.8	4.8	46.8	26.9	5.2	38.2	22.4	4.3	35.8	21.4	4.1	33.4	20.3	4.1
		59.0	47.4	20.5	4.1	48.8	31.7	4.9	47.9	22.0	5.3	39.1	18.3	4.4	36.6	17.5	4.1	34.2	16.6	4.2
		66.2	55.1	16.2	4.5	56.8	25.1	5.2	55.7	17.4	5.7	45.4	14.5	4.7	42.6	13.8	4.5	39.8	13.1	4.6
	75.2	60.8	49.5	25.7	4.1	51.0	39.8	4.9	50.0	27.6	5.3	40.8	23.0	4.4	38.3	21.9	4.1	35.7	20.9	4.2
		66.2	56.2	24.9	4.5	58.0	38.7	5.3	56.8	26.8	5.8	46.4	22.3	4.8	43.5	21.3	4.5	40.6	20.3	4.6
		73.4	55.1	11.7	4.7	56.8	18.2	5.5	55.7	12.6	6.0	45.5	10.5	5.0	42.6	10.0	4.7	39.8	9.5	4.8
	80.6	60.8	51.7	32.1	4.4	53.2	49.8	5.2	52.2	34.4	5.6	42.6	28.7	4.7	39.9	27.4	4.4	37.3	26.1	4.5
		66.2	57.4	31.8	4.5	59.2	49.4	5.3	58.0	34.2	5.8	47.3	28.4	4.8	44.4	27.2	4.5	41.4	25.8	4.6
		73.4	60.8	21.6	4.6	62.7	33.5	5.4	61.5	23.2	5.9	50.2	19.3	4.9	47.0	18.4	4.6	43.9	17.5	4.7
	84.2	66.2	58.5	34.1	4.6	60.3	52.9	5.4	59.1	36.6	5.9	48.3	30.5	4.9	45.3	29.1	4.6	42.2	27.7	4.7
		60.8	54.4	35.8	4.4	56.1	55.6	5.2	54.9	38.4	5.7	44.9	32.0	4.7	42.0	30.3	4.4	39.2	28.3	4.6
		66.2	59.1	36.4	4.6	60.9	56.4	5.4	59.7	39.0	5.9	48.8	32.5	4.9	45.7	31.1	4.6	42.7	29.5	4.7
	86.0	73.4	62.1	29.8	4.7	64.0	46.2	5.5	62.7	32.0	6.0	51.2	26.6	5.0	48.0	25.4	4.7	44.8	24.2	4.8
		60.8	57.2	38.7	4.5	59.0	60.1	5.3	57.8	41.6	5.8	47.2	34.0	4.8	44.2	31.8	4.5	41.3	29.7	4.6
		66.2	60.8	40.8	4.6	62.7	63.3	5.4	61.5	43.8	5.9	50.2	36.1	4.9	47.0	33.9	4.6	43.9	31.6	4.7
	89.6	73.4	61.4	36.2	4.6	63.3	56.3	5.4	62.1	38.9	5.9	50.7	32.4	4.9	47.5	31.0	4.6	44.3	29.5	4.7
		48.2	37.6	12.0	3.4	38.7	25.8	4.0	37.9	12.9	4.3	31.0	10.7	3.6	29.0	10.2	3.4	27.1	9.7	3.5
		53.6	39.0	7.8	3.5	40.2	16.9	4.2	39.4	8.4	4.5	32.1	7.0	3.8	30.1	6.7	3.5	28.1	6.4	3.6
2225	64.4	59.0	46.9	8.1	3.9	48.4	17.4	4.6	47.4	8.6	5.0	38.7	7.2	4.1	36.3	6.9	3.9	33.9	6.5	4.0
		53.6	46.7	18.2	4.1	48.2	39.2	4.8	47.2	19.5	5.2	38.5	16.3	4.3	36.1	15.5	4.1	33.7	14.8	4.2
		59.0	47.8	14.9	4.2	49.3	32.1	4.9	48.3	16.0	5.4	39.5	13.3	4.4	37.0	12.7	4.2	34.5	12.1	4.3
	69.8	66.2	55.6	11.8	4.5	57.4	25.4	5.3	56.2	12.6	5.8	45.9	10.5	4.8	43.0	10.1	4.5	40.1	9.6	4.6
		60.8	50.0	18.7	4.2	51.5	40.2	4.9	50.5	20.0	5.4	41.2	16.7	4.4	38.6	15.9	4.2	36.1	15.2	4.3
		66.2	56.8	18.1	4.5	58.5	39.1	5.3	57.4	19.5	5.8	46.8	16.2	4.8	43.9	15.5	4.5	41.0	14.7	4.6
	75.2	73.4	55.7	8.5	4.7	57.4	18.4	5.6	56.2	9.2	6.1	45.9	7.6	5.0	43.0	7.3	4.7	40.2	6.9	4.8
		60.8	52.2	23.3	4.4	53.8	50.2	5.2	52.7	25.0	5.7	43.0	20.8	4.7	40.3	19.9	4.4	37.6	18.9	4.6
		66.2	58.0	23.1	4.6	59.7	49.8	5.4	58.5	24.8	5.9	47.8	20.7	4.9	44.8	19.8	4.6	41.8	18.8	4.7
	80.6	73.4	61.4	15.7	4.7	63.3	33.8	5.5	62.1	16.8	6.0	50.7	14.0	5.0	47.5	13.4	4.7	44.3	12.7	4.8
		66.2	59.1	24.8	4.6	60.9	53.4	5.4	59.7	26.6	5.9	48.8	22.1	4.9	45.7	21.2	4.6	42.7	20.1	4.7
		60.8	54.9	26.0	4.5	56.6	56.1	5.3	55.5	27.9	5.8	45.3	23.3	4.8	42.5	22.0	4.5	39.6	20.5	4.6
	84.2	66.2	59.7	26.4	4.6	61.5	57.0	5.4	60.3	28.4	5.9	49.2	23.6	4.9	46.2	22.6	4.6	43.1	21.5	4.7
		73.4	62.7	21.6	4.7	64.6	46.7	5.6	63.3	23.3	6.1	51.7	19.4	5.0	48.5	18.5	4.7	45.2	17.6	4.8
		60.8	57.7	28.2	4.6	59.5	60.7	5.4	58.3	30.2	5.9	47.6	24.7	4.9	44.6	23.1	4.6	41.7	21.6	4.7
	89.6	66.2	61.4	29.7	4.7	63.3	63.9	5.5	62.1	31.8	6.0	50.7	26.3	5.0	47.5	24.6	4.7	44.3	23.0	4.8
		73.4	61.4	26.1	4.6	63.3	56.3	5.4	62.1	28.0	5.9	50.7	23.3	4.9	47.5	22.3	4.6	44.3	21.2	4.7

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

4.5.3 GUHD*N*3C1O with GKH*K3CI

Outdoor Unit:GUHD12NK3C1O Indoor Unit:GKH12K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)															
				5			14			19.4			23			32			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	324	64.4	48.2	48.2	5.0	2.2	0.4	5.0	2.2	0.4	5.1	2.3	0.4	5.2	2.4	0.4	5.3	2.4	
			53.6	53.6	5.1	1.4	0.4	5.2	1.5	0.4	5.3	1.5	0.5	5.4	1.5	0.5	5.5	1.6	
			59.0	59.0	6.2	1.5	0.5	6.3	1.5	0.5	6.4	1.5	0.5	6.5	1.6	0.5	6.6	1.6	
		69.8	53.6	53.6	6.2	3.3	0.5	6.3	3.4	0.5	6.4	3.5	0.5	6.5	3.6	0.5	6.5	3.7	
			59.0	59.0	6.3	2.7	0.5	6.4	2.8	0.5	6.5	2.9	0.5	6.6	2.9	0.5	6.7	3.0	
			66.2	66.2	7.4	2.1	0.6	7.5	2.2	0.6	7.6	2.3	0.6	7.7	2.3	0.6	7.8	2.4	
		75.2	60.8	60.8	6.6	3.4	0.5	6.7	3.5	0.5	6.8	3.6	0.5	6.9	3.7	0.5	7.0	3.8	
			66.2	66.2	7.5	3.3	0.6	7.6	3.4	0.6	7.7	3.5	0.6	7.8	3.6	0.6	8.0	3.7	
			73.4	73.4	7.4	1.5	0.6	7.5	1.6	0.6	7.6	1.6	0.6	7.7	1.7	0.6	7.8	1.7	
		80.6	60.8	60.8	6.9	4.2	0.5	7.0	4.3	0.6	7.1	4.5	0.6	7.2	4.6	0.6	7.3	4.7	
			66.2	66.2	7.7	4.2	0.6	7.8	4.3	0.6	7.9	4.4	0.6	8.0	4.6	0.6	8.1	4.7	
			73.4	73.4	8.1	2.8	0.6	8.2	2.9	0.6	8.4	3.0	0.6	8.5	3.1	0.6	8.6	3.2	
	84.2	66.2	66.2	7.8	4.5	0.6	7.9	4.6	0.6	8.0	4.8	0.6	8.2	4.9	0.6	8.3	5.0		
		60.8	60.8	7.3	4.7	0.6	7.4	4.9	0.6	7.5	5.0	0.6	7.6	5.1	0.6	7.7	5.3		
		66.2	66.2	7.9	4.8	0.6	8.0	4.9	0.6	8.1	5.1	0.6	8.2	5.2	0.6	8.4	5.4		
	86.0	73.4	73.4	8.3	3.9	0.6	8.4	4.0	0.6	8.5	4.2	0.6	8.7	4.3	0.6	8.8	4.4		
		60.8	60.8	7.6	5.1	0.6	7.7	5.3	0.6	7.9	5.4	0.6	8.0	5.6	0.6	8.1	5.7		
		66.2	66.2	8.1	5.4	0.6	8.2	5.5	0.6	8.4	5.7	0.6	8.5	5.9	0.6	8.6	6.0		
	89.6	73.4	73.4	8.4	4.9	0.6	8.5	5.0	0.6	8.6	5.2	0.6	8.7	5.3	0.6	8.9	5.5		
		64.4	48.2	48.2	4.9	2.0	0.4	4.9	2.0	0.4	5.0	2.1	0.4	5.1	2.2	0.4	5.2	2.2	
		53.6	53.6	5.0	1.3	0.4	5.1	1.3	0.4	5.2	1.4	0.4	5.3	1.4	0.5	5.4	1.4		
	Medium	265	64.4	59.0	59.0	6.1	1.3	0.5	6.2	1.4	0.5	6.3	1.4	0.5	6.4	1.4	0.5	6.4	1.5
				53.6	53.6	6.1	3.0	0.5	6.1	3.1	0.5	6.2	3.2	0.5	6.3	3.3	0.5	6.4	3.4
				59.0	59.0	6.2	2.5	0.5	6.3	2.5	0.5	6.4	2.6	0.5	6.5	2.7	0.5	6.6	2.7
69.8			66.2	66.2	7.2	1.9	0.5	7.3	2.0	0.6	7.4	2.1	0.6	7.5	2.1	0.6	7.6	2.2	
			60.8	60.8	6.5	3.1	0.5	6.6	3.2	0.5	6.7	3.3	0.5	6.8	3.4	0.5	6.9	3.5	
			66.2	66.2	7.4	3.0	0.6	7.5	3.1	0.6	7.6	3.2	0.6	7.7	3.3	0.6	7.8	3.4	
75.2			73.4	73.4	7.2	1.4	0.6	7.3	1.4	0.6	7.4	1.5	0.6	7.5	1.5	0.6	7.6	1.6	
			60.8	60.8	6.8	3.8	0.5	6.9	4.0	0.6	7.0	4.1	0.6	7.1	4.2	0.6	7.2	4.3	
			66.2	66.2	7.5	3.8	0.6	7.6	3.9	0.6	7.7	4.0	0.6	7.8	4.2	0.6	8.0	4.3	
80.6			73.4	73.4	8.0	2.6	0.6	8.1	2.7	0.6	8.2	2.7	0.6	8.3	2.8	0.6	8.4	2.9	
			66.2	66.2	7.7	4.1	0.6	7.8	4.2	0.6	7.9	4.3	0.6	8.0	4.5	0.6	8.1	4.6	
			60.8	60.8	7.1	4.3	0.5	7.2	4.4	0.6	7.3	4.6	0.6	7.4	4.7	0.6	7.5	4.8	
86.0		66.2	66.2	7.7	4.4	0.6	7.8	4.5	0.6	8.0	4.6	0.6	8.1	4.8	0.6	8.2	4.9		
		73.4	73.4	8.1	3.6	0.6	8.2	3.7	0.6	8.4	3.8	0.6	8.5	3.9	0.6	8.6	4.0		
		60.8	60.8	7.5	4.6	0.6	7.6	4.8	0.6	7.7	4.9	0.6	7.8	5.1	0.6	7.9	5.2		
89.6		66.2	66.2	8.0	4.9	0.6	8.1	5.0	0.6	8.2	5.2	0.6	8.3	5.3	0.6	8.4	5.5		
		73.4	73.4	8.4	4.5	0.6	8.5	4.7	0.6	8.6	4.8	0.6	8.7	4.9	0.6	8.9	5.1		
		64.4	48.2	48.2	4.6	1.8	0.4	4.7	1.8	0.4	4.8	1.9	0.4	4.8	2.0	0.4	4.9	2.0	
Low		206	64.4	53.6	53.6	4.8	1.2	0.4	4.9	1.2	0.4	4.9	1.2	0.4	5.0	1.3	0.5	5.1	1.3
				59.0	59.0	5.8	1.2	0.5	5.9	1.2	0.5	5.9	1.3	0.5	6.0	1.3	0.5	6.1	1.4
				53.6	53.6	5.7	2.7	0.5	5.8	2.8	0.5	5.9	2.9	0.5	6.0	3.0	0.5	6.1	3.1
			69.8	59.0	59.0	5.9	2.2	0.5	6.0	2.3	0.5	6.1	2.4	0.5	6.1	2.4	0.5	6.2	2.5
				66.2	66.2	6.8	1.8	0.5	6.9	1.8	0.6	7.0	1.9	0.6	7.1	1.9	0.6	7.3	2.0
				60.8	60.8	6.1	2.8	0.5	6.2	2.9	0.5	6.3	3.0	0.5	6.4	3.0	0.5	6.5	3.1
	75.2		66.2	66.2	7.0	2.7	0.5	7.1	2.8	0.6	7.2	2.9	0.6	7.3	3.0	0.6	7.4	3.0	
			73.4	73.4	6.8	1.3	0.6	6.9	1.3	0.6	7.0	1.4	0.6	7.1	1.4	0.6	7.3	1.4	
			60.8	60.8	6.4	3.5	0.5	6.5	3.6	0.5	6.6	3.7	0.6	6.7	3.8	0.6	6.8	3.9	
	80.6		66.2	66.2	7.1	3.5	0.6	7.2	3.6	0.6	7.3	3.7	0.6	7.4	3.8	0.6	7.6	3.9	
			73.4	73.4	7.5	2.4	0.6	7.7	2.4	0.6	7.8	2.5	0.6	7.9	2.6	0.6	8.0	2.6	
			66.2	66.2	7.3	3.7	0.6	7.4	3.8	0.6	7.5	3.9	0.6	7.6	4.0	0.6	7.7	4.2	
	86.0	60.8	60.8	6.7	3.9	0.5	6.8	4.0	0.6	7.0	4.1	0.6	7.1	4.3	0.6	7.2	4.4		
		66.2	66.2	7.3	4.0	0.6	7.4	4.1	0.6	7.6	4.2	0.6	7.7	4.3	0.6	7.8	4.4		
		73.4	73.4	7.7	3.2	0.6	7.8	3.3	0.6	7.9	3.4	0.6	8.1	3.5	0.6	8.2	3.6		
	89.6	60.8	60.8	7.1	4.2	0.6	7.2	4.3	0.6	7.3	4.5	0.6	7.4	4.6	0.6	7.5	4.7		
		66.2	66.2	7.5	4.4	0.6	7.7	4.6	0.6	7.8	4.7	0.6	7.9	4.8	0.6	8.0	5.0		
		73.4	73.4	8.4	4.3	0.6	8.5	4.5	0.6	8.6	4.6	0.6	8.7	4.7	0.6	8.9	4.9		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																			
				41			50			59			64.4			69.8			77				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	324	64.4	48.2	0.4	5.3	2.5	0.5	5.4	2.6	0.5	5.5	2.6	0.5	5.6	2.7	0.5	6.0	3.1	0.5	7.0	3.8		
			53.6	0.5	5.5	1.6	0.5	5.6	1.7	0.5	5.7	1.7	0.5	5.8	1.8	0.5	6.2	2.0	0.6	7.3	2.5		
			59.0	0.5	6.7	1.7	0.5	6.8	1.7	0.5	6.9	1.8	0.5	7.0	1.8	0.6	7.5	2.1	0.6	8.7	2.6		
		69.8	53.6	0.5	6.6	3.8	0.6	6.7	3.9	0.6	6.8	4.0	0.6	7.0	4.2	0.6	7.5	4.7	0.6	8.7	5.8		
			59.0	0.6	6.8	3.1	0.6	6.9	3.2	0.6	7.0	3.3	0.6	7.2	3.4	0.6	7.7	3.9	0.7	8.9	4.7		
			66.2	0.6	7.9	2.5	0.6	8.0	2.5	0.6	8.1	2.6	0.6	8.4	2.7	0.7	8.9	3.1	0.7	10.4	3.8		
		75.2	60.8	0.6	7.1	3.9	0.6	7.2	4.0	0.6	7.3	4.1	0.6	7.5	4.3	0.6	8.0	4.8	0.7	9.3	6.0		
			66.2	0.6	8.1	3.8	0.6	8.2	3.9	0.6	8.3	4.0	0.6	8.5	4.1	0.7	9.1	4.7	0.7	10.6	5.8		
			73.4	0.6	7.9	1.8	0.6	8.0	1.8	0.6	8.1	1.9	0.7	8.4	2.0	0.7	8.9	2.2	0.7	10.4	2.7		
		80.6	60.8	0.6	7.4	4.9	0.6	7.5	5.0	0.6	7.6	5.1	0.6	7.8	5.3	0.6	8.4	6.0	0.7	9.7	7.4		
			66.2	0.6	8.2	4.8	0.6	8.4	5.0	0.6	8.5	5.1	0.6	8.7	5.3	0.7	9.3	6.0	0.7	10.8	7.4		
			73.4	0.6	8.7	3.3	0.6	8.9	3.4	0.6	9.0	3.4	0.7	9.2	3.6	0.7	9.8	4.1	0.7	11.4	5.0		
		84.2	66.2	0.6	8.4	5.2	0.6	8.5	5.3	0.6	8.6	5.4	0.6	8.9	5.7	0.7	9.5	6.4	0.7	11.0	7.9		
			60.8	0.6	7.8	5.4	0.6	7.9	5.6	0.6	8.0	5.7	0.6	8.2	6.0	0.7	8.8	6.7	0.7	10.2	8.3		
			66.2	0.6	8.5	5.5	0.6	8.6	5.7	0.6	8.7	5.8	0.6	9.0	6.0	0.7	9.6	6.9	0.7	11.1	8.4		
		86.0	73.4	0.6	8.9	4.5	0.6	9.0	4.6	0.6	9.2	4.8	0.7	9.4	5.0	0.7	10.0	5.6	0.7	11.7	6.9		
			60.8	0.6	8.2	5.9	0.6	8.3	6.0	0.6	8.4	6.2	0.6	8.7	6.4	0.7	9.2	7.3	0.7	10.7	9.0		
			66.2	0.6	8.7	6.2	0.6	8.9	6.4	0.6	9.0	6.5	0.7	9.2	6.8	0.7	9.8	7.7	0.7	11.4	9.5		
		89.6	73.4	0.6	9.0	5.6	0.6	9.1	5.8	0.6	9.2	5.9	0.7	9.5	6.1	0.7	10.1	7.0	0.7	11.8	8.6		
			60.8	0.6	8.2	5.9	0.6	8.3	6.0	0.6	8.4	6.2	0.6	8.7	6.4	0.7	9.2	7.3	0.7	10.7	9.0		
			66.2	0.6	8.7	6.2	0.6	8.9	6.4	0.6	9.0	6.5	0.7	9.2	6.8	0.7	9.8	7.7	0.7	11.4	9.5		
		Medium	265	64.4	48.2	0.4	5.2	2.3	0.5	5.3	2.3	0.5	5.4	2.4	0.5	5.5	2.5	0.5	5.9	2.8	0.5	6.9	3.5
					53.6	0.5	5.4	1.5	0.5	5.5	1.5	0.5	5.6	1.6	0.5	5.7	1.6	0.5	6.1	1.8	0.6	7.1	2.3
					59.0	0.5	6.5	1.5	0.5	6.6	1.6	0.5	6.7	1.6	0.5	6.9	1.7	0.6	7.4	1.9	0.6	8.6	2.3
69.8	53.6			0.5	6.5	3.5	0.5	6.6	3.5	0.6	6.7	3.6	0.6	6.9	3.8	0.6	7.3	4.3	0.6	8.5	5.3		
	59.0			0.5	6.7	2.8	0.6	6.8	2.9	0.6	6.9	3.0	0.6	7.0	3.1	0.6	7.5	3.5	0.7	8.7	4.3		
	66.2			0.6	7.7	2.2	0.6	7.9	2.3	0.6	8.0	2.4	0.6	8.2	2.5	0.6	8.7	2.8	0.7	10.2	3.4		
75.2	60.8			0.5	7.0	3.5	0.6	7.1	3.6	0.6	7.2	3.7	0.6	7.4	3.9	0.6	7.8	4.4	0.7	9.1	5.4		
	66.2			0.6	7.9	3.4	0.6	8.0	3.5	0.6	8.1	3.6	0.6	8.4	3.8	0.7	8.9	4.3	0.7	10.4	5.3		
	73.4			0.6	7.8	1.6	0.6	7.9	1.7	0.6	8.0	1.7	0.7	8.2	1.8	0.7	8.7	2.0	0.7	10.2	2.5		
80.6	60.8			0.6	7.3	4.4	0.6	7.4	4.5	0.6	7.5	4.7	0.6	7.7	4.9	0.6	8.2	5.5	0.7	9.5	6.8		
	66.2			0.6	8.1	4.4	0.6	8.2	4.5	0.6	8.3	4.6	0.6	8.5	4.8	0.7	9.1	5.5	0.7	10.6	6.7		
	73.4			0.6	8.6	3.0	0.6	8.7	3.1	0.6	8.8	3.1	0.6	9.0	3.3	0.7	9.6	3.7	0.7	11.2	4.6		
84.2	66.2			0.6	8.2	4.7	0.6	8.3	4.8	0.6	8.5	5.0	0.6	8.7	5.2	0.7	9.3	5.9	0.7	10.8	7.2		
	60.8			0.6	7.6	4.9	0.6	7.8	5.1	0.6	7.9	5.2	0.6	8.1	5.4	0.6	8.6	6.1	0.7	10.0	7.6		
	66.2			0.6	8.3	5.0	0.6	8.4	5.2	0.6	8.5	5.3	0.6	8.8	5.5	0.7	9.4	6.2	0.7	10.9	7.7		
86.0	73.4			0.6	8.7	4.1	0.6	8.9	4.2	0.6	9.0	4.3	0.7	9.2	4.5	0.7	9.8	5.1	0.7	11.4	6.3		
	60.8			0.6	8.0	5.3	0.6	8.2	5.5	0.6	8.3	5.6	0.6	8.5	5.9	0.7	9.1	6.7	0.7	10.5	8.2		
	66.2			0.6	8.6	5.6	0.6	8.7	5.8	0.6	8.8	5.9	0.6	9.0	6.2	0.7	9.6	7.0	0.7	11.2	8.6		
89.6	73.4			0.6	9.0	5.2	0.6	9.1	5.4	0.6	9.2	5.5	0.7	9.5	5.7	0.7	10.1	6.5	0.7	11.8	8.0		
	60.8			0.6	8.2	5.9	0.6	8.3	6.0	0.6	8.4	6.2	0.6	8.7	6.4	0.7	9.2	7.3	0.7	10.7	9.0		
	66.2			0.6	8.7	6.2	0.6	8.9	6.4	0.6	9.0	6.5	0.7	9.2	6.8	0.7	9.8	7.7	0.7	11.4	9.5		
Low	206			64.4	48.2	0.4	5.0	2.1	0.4	5.0	2.1	0.5	5.1	2.2	0.5	5.2	2.3	0.5	5.6	2.6	0.5	6.5	3.2
					53.6	0.5	5.1	1.3	0.5	5.2	1.4	0.5	5.3	1.4	0.5	5.4	1.5	0.5	5.8	1.7	0.5	6.7	2.1
					59.0	0.5	6.2	1.4	0.5	6.3	1.4	0.5	6.4	1.5	0.5	6.6	1.5	0.6	7.0	1.7	0.6	8.1	2.1
		69.8	53.6	0.5	6.2	3.1	0.5	6.3	3.2	0.5	6.4	3.3	0.6	6.5	3.4	0.6	7.0	3.9	0.6	8.1	4.8		
			59.0	0.5	6.3	2.6	0.6	6.4	2.6	0.6	6.5	2.7	0.6	6.7	2.8	0.6	7.1	3.2	0.6	8.3	3.9		
			66.2	0.6	7.4	2.0	0.6	7.5	2.1	0.6	7.6	2.1	0.6	7.8	2.2	0.6	8.3	2.5	0.7	9.6	3.1		
		75.2	60.8	0.5	6.6	3.2	0.6	6.7	3.3	0.6	6.8	3.4	0.6	7.0	3.5	0.6	7.4	4.0	0.6	8.7	4.9		
			66.2	0.6	7.5	3.1	0.6	7.6	3.2	0.6	7.7	3.3	0.6	7.9	3.4	0.6	8.5	3.9	0.7	9.8	4.8		
			73.4	0.6	7.4	1.5	0.6	7.5	1.5	0.6	7.6	1.6	0.6	7.8	1.6	0.7	8.3	1.8	0.7	9.6	2.3		
		80.6	60.8	0.6	6.9	4.0	0.6	7.0	4.1	0.6	7.1	4.2	0.6	7.3	4.4	0.6	7.8	5.0	0.7	9.0	6.2		
			66.2	0.6	7.7	4.0	0.6	7.8	4.1	0.6	7.9	4.2	0.6	8.1	4.4	0.7	8.6	5.0	0.7	10.0	6.1		
			73.4	0.6	8.1	2.7	0.6	8.2	2.8	0.6	8.3	2.9	0.6	8.6	3.0	0.7	9.1	3.4	0.7	10.6	4.1		
		84.2	66.2	0.6	7.8	4.3	0.6	7.9	4.4	0.6	8.0	4.5	0.6	8.3	4.7	0.7	8.8	5.3	0.7	10.2	6.5		
			60.8	0.6	7.3	4.5	0.6	7.4	4.6	0.6	7.5	4.7	0.6	7.7	4.9	0.6	8.2	5.6	0.7	9.5	6.9		
			66.2	0.6	7.9	4.6	0.6	8.0	4.7	0.6	8.1	4.8	0.6	8.3	5.0	0.7	8.9	5.7	0.7	10.3	7.0		
		86.0	73.4	0.6	8.3	3.7	0.6	8.4	3.8	0.6	8.5	3.9	0.6	8.8	4.1	0.7	9.3	4.6	0.7	10.9	5.7		
			60.8	0.6	7.6	4.9	0.6	7.7	5.0	0.6	7.8	5.1	0.6	8.1	5.3	0.7	8.6	6.0	0.7	10.0	7.4		
			66.2	0.6	8.1	5.1	0.6	8.2	5.3	0.6	8.3	5.4	0.6	8.6	5.6	0.7	9.1	6.4	0.7	10.6	7.8		
		89.6	73.4	0.6	9.0	5.0	0.6	9.1	5.1	0.6	9.2	5.3	0.7	9.5	5.5	0.7	10.1	6.2	0.7	11.8	7.6		

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Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																		
				86			95			102.2			109.4			114.8			118.4			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	324	64.4	48.2	0.6	7.3	4.2	0.6	7.5	4.6	0.8	7.4	4.5	0.8	6.0	3.8	0.7	5.6	3.6	0.6	5.3	3.4	
			53.6	0.6	7.6	2.7	0.7	7.8	3.0	0.8	7.6	3.0	0.9	6.2	2.5	0.7	5.8	2.3	0.7	5.5	2.2	
			59.0	0.7	9.1	2.8	0.7	9.4	3.1	0.9	9.2	3.0	1.0	7.5	2.5	0.8	7.0	2.4	0.7	6.6	2.3	
		69.8	53.6	0.7	9.1	6.4	0.8	9.4	6.9	0.9	9.2	6.9	1.0	7.5	5.7	0.8	7.0	5.5	0.8	6.5	5.2	
			59.0	0.7	9.3	5.2	0.8	9.6	5.7	0.9	9.4	5.6	1.0	7.7	4.7	0.8	7.2	4.5	0.8	6.7	4.2	
			66.2	0.8	10.8	4.1	0.9	11.1	4.5	1.0	10.9	4.4	1.1	8.9	3.7	0.9	8.4	3.5	0.9	7.8	3.4	
		75.2	60.8	0.7	9.7	6.6	0.8	10.0	7.1	0.9	9.8	7.0	1.0	8.0	5.9	0.8	7.5	5.6	0.8	7.0	5.3	
			66.2	0.8	11.0	6.4	0.9	11.4	6.9	1.0	11.1	6.8	1.1	9.1	5.7	0.9	8.5	5.4	0.9	8.0	5.2	
			73.4	0.8	10.8	3.0	0.9	11.1	3.3	1.1	10.9	3.2	1.2	8.9	2.7	1.0	8.4	2.6	0.9	7.8	2.4	
		80.6	60.8	0.7	10.1	8.2	0.8	10.4	8.9	1.0	10.2	8.8	1.1	8.4	7.3	0.9	7.8	7.0	0.8	7.3	6.7	
			66.2	0.8	11.3	8.1	0.9	11.6	8.8	1.0	11.4	8.7	1.1	9.3	7.3	0.9	8.7	6.9	0.9	8.1	6.6	
			73.4	0.8	11.9	5.5	0.9	12.3	6.0	1.1	12.1	5.9	1.1	9.8	4.9	0.9	9.2	4.7	0.9	8.6	4.5	
	84.2	66.2	0.8	11.5	8.7	0.9	11.8	9.4	1.0	11.6	9.3	1.1	9.5	7.8	0.9	8.9	7.4	0.9	8.3	7.1		
		60.8	0.8	10.7	9.1	0.9	11.0	9.9	1.0	10.8	9.8	1.1	8.8	8.2	0.9	8.2	7.8	0.9	7.7	7.4		
		66.2	0.8	11.6	9.3	0.9	11.9	10.1	1.0	11.7	10.0	1.1	9.6	8.3	0.9	9.0	7.9	0.9	8.4	7.5		
	86.0	73.4	0.8	12.2	7.6	0.9	12.5	8.3	1.1	12.3	8.2	1.2	10.0	6.8	1.0	9.4	6.5	0.9	8.8	6.2		
		60.8	0.8	11.2	9.9	0.9	11.6	10.7	1.0	11.3	10.6	1.1	9.2	8.8	0.9	8.7	8.5	0.9	8.1	8.0		
		66.2	0.8	11.9	10.4	0.9	12.3	11.3	1.1	12.1	11.2	1.1	9.8	9.3	0.9	9.2	8.9	0.9	8.6	8.5		
	89.6	73.4	0.8	12.3	9.4	0.9	12.7	10.2	1.1	12.4	10.1	1.2	10.1	8.4	1.0	9.5	8.1	0.9	8.9	7.7		
		60.8	0.8	11.2	9.9	0.9	11.6	10.7	1.0	11.3	10.6	1.1	9.2	8.8	0.9	8.7	8.5	0.9	8.1	8.0		
		66.2	0.8	11.9	10.4	0.9	12.3	11.3	1.1	12.1	11.2	1.1	9.8	9.3	0.9	9.2	8.9	0.9	8.6	8.5		
	Medium	265	64.4	48.2	0.6	7.1	3.8	0.6	7.4	4.2	0.8	7.2	4.1	0.8	5.9	3.4	0.7	5.5	3.3	0.6	5.2	3.1
				53.6	0.6	7.4	2.5	0.7	7.6	2.7	0.8	7.5	2.7	0.9	6.1	2.2	0.7	5.7	2.1	0.7	5.4	2.0
				59.0	0.7	8.9	2.6	0.7	9.2	2.8	0.9	9.0	2.8	0.9	7.4	2.3	0.8	6.9	2.2	0.7	6.4	2.1
69.8			53.6	0.7	8.9	5.8	0.8	9.2	6.3	0.9	9.0	6.3	1.0	7.3	5.2	0.8	6.9	5.0	0.8	6.4	4.7	
			59.0	0.7	9.1	4.8	0.8	9.4	5.2	0.9	9.2	5.1	1.0	7.5	4.3	0.8	7.0	4.1	0.8	6.6	3.9	
			66.2	0.7	10.6	3.8	0.8	10.9	4.1	1.0	10.7	4.0	1.1	8.7	3.4	0.9	8.2	3.2	0.8	7.6	3.1	
75.2			60.8	0.7	9.5	6.0	0.8	9.8	6.5	0.9	9.6	6.4	1.0	7.8	5.3	0.8	7.4	5.1	0.8	6.9	4.9	
			66.2	0.8	10.8	5.8	0.9	11.1	6.3	1.0	10.9	6.2	1.1	8.9	5.2	0.9	8.4	5.0	0.9	7.8	4.7	
			73.4	0.8	10.6	2.7	0.9	10.9	3.0	1.0	10.7	2.9	1.1	8.7	2.4	0.9	8.2	2.3	0.9	7.6	2.2	
80.6			60.8	0.7	9.9	7.5	0.8	10.2	8.1	1.0	10.0	8.0	1.1	8.2	6.7	0.9	7.7	6.4	0.8	7.2	6.1	
			66.2	0.8	11.0	7.4	0.9	11.4	8.0	1.0	11.1	8.0	1.1	9.1	6.6	0.9	8.5	6.3	0.9	8.0	6.0	
			73.4	0.8	11.7	5.0	0.9	12.1	5.5	1.0	11.8	5.4	1.1	9.6	4.5	0.9	9.0	4.3	0.9	8.4	4.1	
84.2		66.2	0.8	11.2	7.9	0.9	11.6	8.6	1.0	11.4	8.5	1.1	9.3	7.1	0.9	8.7	6.8	0.9	8.1	6.4		
		60.8	0.7	10.4	8.3	0.8	10.8	9.0	1.0	10.6	9.0	1.1	8.6	7.5	0.9	8.1	7.1	0.8	7.5	6.8		
		66.2	0.8	11.4	8.5	0.9	11.7	9.2	1.0	11.5	9.1	1.1	9.4	7.6	0.9	8.8	7.2	0.9	8.2	6.9		
86.0		73.4	0.8	11.9	6.9	0.9	12.3	7.5	1.1	12.0	7.4	1.1	9.8	6.2	0.9	9.2	5.9	0.9	8.6	5.6		
		60.8	0.8	11.0	9.0	0.9	11.3	9.8	1.0	11.1	9.7	1.1	9.1	8.1	0.9	8.5	7.7	0.9	7.9	7.3		
		66.2	0.8	11.7	9.5	0.9	12.1	10.3	1.0	11.8	10.2	1.1	9.6	8.5	0.9	9.0	8.1	0.9	8.4	7.7		
89.6		73.4	0.8	12.3	8.8	0.9	12.7	9.5	1.1	12.4	9.4	1.2	10.1	7.9	1.0	9.5	7.5	0.9	8.9	7.1		
		48.2	0.6	6.8	3.5	0.6	7.0	3.8	0.7	6.9	3.7	0.8	5.6	3.1	0.7	5.2	3.0	0.6	4.9	2.8		
		53.6	0.6	7.0	2.3	0.7	7.3	2.5	0.8	7.1	2.4	0.9	5.8	2.0	0.7	5.4	1.9	0.7	5.1	1.8		
Low		206	64.4	59.0	0.6	8.5	2.3	0.7	8.7	2.5	0.9	8.6	2.5	0.9	7.0	2.1	0.8	6.6	2.0	0.7	6.1	1.9
				53.6	0.7	8.4	5.3	0.8	8.7	5.7	0.9	8.5	5.7	1.0	7.0	4.7	0.8	6.5	4.5	0.8	6.1	4.3
				59.0	0.7	8.6	4.3	0.8	8.9	4.7	0.9	8.7	4.6	1.0	7.1	3.9	0.8	6.7	3.7	0.8	6.2	3.5
	69.8		66.2	0.7	10.0	3.4	0.8	10.4	3.7	1.0	10.2	3.7	1.1	8.3	3.1	0.9	7.8	2.9	0.8	7.3	2.8	
			60.8	0.7	9.0	5.4	0.8	9.3	5.9	0.9	9.1	5.8	1.0	7.4	4.9	0.8	7.0	4.6	0.8	6.5	4.4	
			66.2	0.7	10.3	5.3	0.8	10.6	5.7	1.0	10.4	5.7	1.1	8.5	4.7	0.9	7.9	4.5	0.8	7.4	4.3	
	75.2		73.4	0.8	10.1	2.5	0.9	10.4	2.7	1.0	10.2	2.7	1.1	8.3	2.2	0.9	7.8	2.1	0.9	7.3	2.0	
			60.8	0.7	9.4	6.8	0.8	9.7	7.4	1.0	9.5	7.3	1.1	7.8	6.1	0.9	7.3	5.8	0.8	6.8	5.5	
			66.2	0.8	10.5	6.7	0.9	10.8	7.3	1.0	10.6	7.2	1.1	8.6	6.0	0.9	8.1	5.7	0.9	7.6	5.5	
	80.6		73.4	0.8	11.1	4.6	0.9	11.4	5.0	1.0	11.2	4.9	1.1	9.1	4.1	0.9	8.6	3.9	0.9	8.0	3.7	
			66.2	0.8	10.7	7.2	0.9	11.0	7.8	1.0	10.8	7.7	1.1	8.8	6.4	0.9	8.3	6.2	0.9	7.7	5.9	
			60.8	0.7	9.9	7.6	0.8	10.2	8.2	1.0	10.0	8.1	1.1	8.2	6.8	0.9	7.7	6.5	0.8	7.2	6.2	
	84.2	66.2	0.8	10.8	7.7	0.9	11.1	8.3	1.0	10.9	8.3	1.1	8.9	6.9	0.9	8.3	6.6	0.9	7.8	6.2		
		73.4	0.8	11.3	6.3	0.9	11.7	6.8	1.0	11.4	6.8	1.1	9.3	5.6	0.9	8.8	5.4	0.9	8.2	5.1		
		60.8	0.8	10.4	8.2	0.9	10.7	8.9	1.0	10.5	8.8	1.1	8.6	7.3	0.9	8.1	7.0	0.9	7.5	6.7		
	86.0	66.2	0.8	11.1	8.6	0.9	11.4	9.4	1.0	11.2	9.3	1.1	9.1	7.7	0.9	8.6	7.4	0.9	8.0	7.0		
		73.4	0.8	12.3	8.4	0.9	12.7	9.1	1.1	12.4	9.0	1.2	10.1	7.5	1.0	9.5	7.2	0.9	8.9	6.8		

Outdoor Unit:GUHD18NK3C1O Indoor Unit:GKH18K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																
				5			14			19.4			23			32				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	695	64.4	48.2	7.7	3.4	0.7	7.9	3.5	0.7	8.0	3.6	0.7	8.1	3.7	0.7	8.2	3.8	0.7		
			53.6	8.0	2.2	0.7	8.1	2.3	0.7	8.3	2.3	0.7	8.4	2.4	0.7	8.5	2.5	0.8		
			59.0	9.7	2.3	0.8	9.8	2.3	0.8	10.0	2.4	0.8	10.1	2.5	0.8	10.3	2.5	0.8		
		69.8	53.6	9.6	5.1	0.8	9.8	5.3	0.8	9.9	5.4	0.8	10.1	5.6	0.9	10.2	5.7	0.9		
			59.0	9.9	4.2	0.8	10.0	4.3	0.8	10.2	4.4	0.9	10.3	4.6	0.9	10.5	4.7	0.9		
			66.2	11.5	3.3	0.9	11.6	3.4	0.9	11.8	3.5	0.9	12.0	3.6	0.9	12.2	3.7	1.0		
		75.2	60.8	10.3	5.3	0.8	10.4	5.4	0.8	10.6	5.6	0.9	10.8	5.7	0.9	10.9	5.9	0.9		
			66.2	11.7	5.1	0.9	11.9	5.3	0.9	12.1	5.4	0.9	12.2	5.6	0.9	12.4	5.7	1.0		
			73.4	11.5	2.4	0.9	11.6	2.5	1.0	11.8	2.6	1.0	12.0	2.6	1.0	12.2	2.7	1.0		
		80.6	60.8	10.7	6.6	0.9	10.9	6.8	0.9	11.1	7.0	0.9	11.2	7.2	0.9	11.4	7.4	0.9		
			66.2	11.9	6.5	0.9	12.1	6.7	0.9	12.3	6.9	0.9	12.5	7.1	1.0	12.7	7.3	1.0		
			73.4	12.7	4.4	0.9	12.8	4.6	0.9	13.0	4.7	1.0	13.2	4.8	1.0	13.4	5.0	1.0		
		84.2	66.2	12.2	7.0	0.9	12.4	7.2	0.9	12.5	7.4	0.9	12.7	7.6	1.0	12.9	7.8	1.0		
			60.8	11.3	7.4	0.9	11.5	7.6	0.9	11.7	7.8	0.9	11.8	8.0	0.9	12.0	8.2	1.0		
			66.2	12.3	7.5	0.9	12.5	7.7	0.9	12.7	7.9	0.9	12.9	8.1	1.0	13.0	8.4	1.0		
		86.0	73.4	12.9	6.1	0.9	13.1	6.3	1.0	13.3	6.5	1.0	13.5	6.7	1.0	13.7	6.8	1.0		
			60.8	11.9	8.0	0.9	12.1	8.2	0.9	12.3	8.4	0.9	12.4	8.7	1.0	12.6	8.9	1.0		
			66.2	12.7	8.4	0.9	12.8	8.6	0.9	13.0	8.9	1.0	13.2	9.1	1.0	13.4	9.4	1.0		
		89.6	73.4	13.0	7.6	0.9	13.2	7.8	1.0	13.4	8.0	1.0	13.6	8.3	1.0	13.8	8.5	1.0		
			60.8	11.7	8.4	0.9	11.9	8.6	0.9	12.1	8.8	0.9	12.3	9.0	1.0	12.5	9.2	1.0		
			66.2	12.4	8.4	0.9	12.6	8.6	0.9	12.8	8.8	0.9	13.0	9.0	1.0	13.2	9.2	1.0		
		Medium	636	64.4	48.2	7.6	3.1	0.7	7.7	3.2	0.7	7.8	3.3	0.7	7.9	3.4	0.7	8.0	3.5	0.7
					53.6	7.9	2.0	0.7	8.0	2.1	0.7	8.1	2.1	0.7	8.2	2.2	0.7	8.3	2.3	0.7
					59.0	9.5	2.1	0.8	9.6	2.1	0.8	9.8	2.2	0.8	9.9	2.3	0.8	10.0	2.3	0.8
69.8	53.6			9.4	4.7	0.8	9.6	4.8	0.8	9.7	5.0	0.8	9.9	5.1	0.8	10.0	5.2	0.9		
	59.0			9.7	3.8	0.8	9.8	3.9	0.8	9.9	4.1	0.8	10.1	4.2	0.9	10.2	4.3	0.9		
	66.2			11.2	3.0	0.9	11.4	3.1	0.9	11.6	3.2	0.9	11.7	3.3	0.9	11.9	3.4	0.9		
75.2	60.8			10.1	4.8	0.8	10.2	4.9	0.8	10.4	5.1	0.8	10.5	5.2	0.9	10.7	5.4	0.9		
	66.2			11.5	4.7	0.9	11.6	4.8	0.9	11.8	4.9	0.9	12.0	5.1	0.9	12.2	5.2	1.0		
	73.4			11.2	2.2	0.9	11.4	2.3	0.9	11.6	2.3	1.0	11.7	2.4	1.0	11.9	2.5	1.0		
80.6	60.8			10.5	6.0	0.9	10.7	6.2	0.9	10.8	6.4	0.9	11.0	6.5	0.9	11.2	6.7	0.9		
	66.2			11.7	6.0	0.9	11.9	6.1	0.9	12.1	6.3	0.9	12.2	6.5	0.9	12.4	6.7	1.0		
	73.4			12.4	4.0	0.9	12.6	4.2	0.9	12.8	4.3	0.9	13.0	4.4	1.0	13.1	4.5	1.0		
84.2	66.2			11.9	6.4	0.9	12.1	6.6	0.9	12.3	6.8	0.9	12.5	6.9	1.0	12.7	7.1	1.0		
	60.8			11.1	6.7	0.9	11.3	6.9	0.9	11.4	7.1	0.9	11.6	7.3	0.9	11.8	7.5	0.9		
	66.2			12.0	6.8	0.9	12.2	7.0	0.9	12.4	7.2	0.9	12.6	7.4	1.0	12.8	7.6	1.0		
86.0	73.4			12.6	5.6	0.9	12.8	5.7	0.9	13.0	5.9	1.0	13.2	6.1	1.0	13.4	6.2	1.0		
	60.8			11.7	7.2	0.9	11.8	7.5	0.9	12.0	7.7	0.9	12.2	7.9	0.9	12.4	8.1	1.0		
	66.2			12.4	7.6	0.9	12.6	7.9	0.9	12.8	8.1	0.9	13.0	8.3	1.0	13.1	8.5	1.0		
89.6	73.4			13.0	7.1	0.9	13.2	7.3	1.0	13.4	7.5	1.0	13.6	7.7	1.0	13.8	7.9	1.0		
	48.2			7.2	2.8	0.7	7.3	2.9	0.7	7.4	3.0	0.7	7.5	3.1	0.7	7.6	3.1	0.7		
	53.6			7.5	1.8	0.7	7.6	1.9	0.7	7.7	1.9	0.7	7.8	2.0	0.7	7.9	2.0	0.7		
69.8	59.0			9.0	1.9	0.8	9.1	1.9	0.8	9.3	2.0	0.8	9.4	2.1	0.8	9.5	2.1	0.8		
	53.6			9.0	4.3	0.8	9.1	4.4	0.8	9.2	4.5	0.8	9.4	4.6	0.8	9.5	4.8	0.9		
	59.0			9.2	3.5	0.8	9.3	3.6	0.8	9.4	3.7	0.8	9.6	3.8	0.9	9.7	3.9	0.9		
75.2	66.2	10.7	2.8	0.9	10.8	2.8	0.9	11.0	2.9	0.9	11.1	3.0	0.9	11.3	3.1	0.9				
	60.8	9.6	4.4	0.8	9.7	4.5	0.8	9.9	4.6	0.8	10.0	4.8	0.9	10.2	4.9	0.9				
	66.2	10.9	4.2	0.9	11.0	4.4	0.9	11.2	4.5	0.9	11.4	4.6	0.9	11.5	4.7	0.9				
80.6	73.4	10.7	2.0	0.9	10.8	2.1	0.9	11.0	2.1	0.9	11.1	2.2	1.0	11.3	2.2	1.0				
	60.8	10.0	5.4	0.9	10.1	5.6	0.9	10.3	5.8	0.9	10.4	5.9	0.9	10.6	6.1	0.9				
	66.2	11.1	5.4	0.9	11.3	5.6	0.9	11.4	5.7	0.9	11.6	5.9	0.9	11.8	6.1	1.0				
84.2	73.4	11.8	3.7	0.9	11.9	3.8	0.9	12.1	3.9	0.9	12.3	4.0	1.0	12.5	4.1	1.0				
	66.2	11.3	5.8	0.9	11.5	6.0	0.9	11.7	6.1	0.9	11.8	6.3	0.9	12.0	6.5	1.0				
	60.8	10.5	6.1	0.9	10.7	6.3	0.9	10.8	6.4	0.9	11.0	6.6	0.9	11.2	6.8	0.9				
86.0	66.2	11.4	6.2	0.9	11.6	6.4	0.9	11.8	6.5	0.9	12.0	6.7	0.9	12.1	6.9	1.0				
	73.4	12.0	5.1	0.9	12.2	5.2	0.9	12.4	5.4	0.9	12.5	5.5	1.0	12.7	5.7	1.0				
	60.8	11.1	6.6	0.9	11.2	6.8	0.9	11.4	7.0	0.9	11.6	7.2	0.9	11.7	7.4	1.0				
89.6	66.2	11.8	6.9	0.9	11.9	7.1	0.9	12.1	7.3	0.9	12.3	7.6	1.0	12.5	7.8	1.0				
	73.4	13.0	6.8	0.9	13.2	7.0	1.0	13.4	7.2	1.0	13.6	7.4	1.0	13.8	7.6	1.0				

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																			
				41			50			59			64.4			69.8			77				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	695	64.4	48.2	8.3	3.9	0.7	8.4	4.0	0.7	8.6	4.1	0.8	8.8	4.3	0.8	9.4	4.8	0.9	10.9	6.0	0.9		
			53.6	8.6	2.5	0.8	8.8	2.6	0.8	8.9	2.7	0.8	9.1	2.8	0.8	9.7	3.2	0.9	11.3	3.9	1.0		
			59.0	10.4	2.6	0.8	10.5	2.7	0.9	10.7	2.8	0.9	11.0	2.9	0.9	11.7	3.3	1.0	13.6	4.0	1.1		
		69.8	53.6	10.4	5.9	0.9	10.5	6.1	0.9	10.6	6.2	0.9	10.9	6.5	1.0	11.7	7.3	1.0	13.6	9.0	1.1		
			59.0	10.6	4.8	0.9	10.7	5.0	0.9	10.9	5.1	0.9	11.2	5.3	1.0	11.9	6.0	1.1	13.9	7.4	1.1		
			66.2	12.3	3.8	1.0	12.5	3.9	1.0	12.7	4.0	1.0	13.0	4.2	1.1	13.9	4.8	1.1	16.1	5.9	1.2		
		75.2	60.8	11.1	6.1	0.9	11.2	6.2	0.9	11.4	6.4	0.9	11.7	6.7	1.0	12.5	7.5	1.1	14.5	9.3	1.1		
			66.2	12.6	5.9	1.0	12.8	6.1	1.0	12.9	6.2	1.0	13.3	6.5	1.1	14.2	7.3	1.1	16.5	9.0	1.2		
			73.4	12.3	2.8	1.0	12.5	2.8	1.0	12.7	2.9	1.1	13.0	3.0	1.1	13.9	3.4	1.2	16.2	4.2	1.3		
		80.6	60.8	11.6	7.6	1.0	11.7	7.8	1.0	11.9	8.0	1.0	12.2	8.3	1.0	13.0	9.4	1.1	15.1	11.6	1.2		
			66.2	12.8	7.5	1.0	13.0	7.7	1.0	13.2	7.9	1.0	13.6	8.2	1.1	14.5	9.3	1.2	16.8	11.5	1.2		
			73.4	13.6	5.1	1.0	13.8	5.2	1.0	14.0	5.4	1.0	14.4	5.6	1.1	15.3	6.3	1.2	17.8	7.8	1.3		
		84.2	66.2	13.1	8.0	1.0	13.3	8.3	1.0	13.5	8.5	1.0	13.8	8.8	1.1	14.8	10.0	1.2	17.2	12.3	1.2		
			60.8	12.2	8.5	1.0	12.3	8.7	1.0	12.5	8.9	1.0	12.9	9.3	1.1	13.7	10.5	1.1	15.9	12.9	1.2		
			66.2	13.2	8.6	1.0	13.4	8.8	1.0	13.6	9.1	1.0	14.0	9.4	1.1	14.9	10.7	1.2	17.3	13.2	1.2		
		86.0	73.4	13.9	7.0	1.0	14.1	7.2	1.0	14.3	7.4	1.1	14.7	7.7	1.1	15.6	8.8	1.2	18.2	10.8	1.3		
			60.8	12.8	9.1	1.0	13.0	9.4	1.0	13.2	9.7	1.0	13.5	10.0	1.1	14.4	11.4	1.2	16.8	14.0	1.2		
			66.2	13.6	9.6	1.0	13.8	9.9	1.0	14.0	10.2	1.0	14.4	10.6	1.1	15.3	12.0	1.2	17.8	14.8	1.3		
		89.6	73.4	14.0	8.7	1.0	14.2	9.0	1.0	14.4	9.2	1.1	14.8	9.6	1.1	15.8	10.9	1.2	18.4	13.4	1.3		
			48.2	8.2	3.5	0.7	8.3	3.6	0.7	8.4	3.7	0.7	8.6	3.9	0.8	9.2	4.4	0.8	10.7	5.4	0.9		
			53.6	8.5	2.3	0.8	8.6	2.4	0.8	8.7	2.4	0.8	8.9	2.5	0.8	9.5	2.9	0.9	11.1	3.5	0.9		
Medium	636	64.4	59.0	10.2	2.4	0.8	10.3	2.5	0.8	10.5	2.5	0.9	10.8	2.6	0.9	11.5	3.0	1.0	13.3	3.7	1.0		
			53.6	10.1	5.4	0.9	10.3	5.5	0.9	10.4	5.7	0.9	10.7	5.9	0.9	11.4	6.7	1.0	13.3	8.2	1.1		
			59.0	10.4	4.4	0.9	10.5	4.5	0.9	10.7	4.6	0.9	11.0	4.8	1.0	11.7	5.5	1.0	13.6	6.7	1.1		
		69.8	66.2	12.1	3.5	1.0	12.2	3.6	1.0	12.4	3.7	1.0	12.8	3.8	1.0	13.6	4.3	1.1	15.8	5.3	1.2		
			60.8	10.9	5.5	0.9	11.0	5.7	0.9	11.2	5.8	0.9	11.5	6.1	1.0	12.2	6.9	1.0	14.2	8.5	1.1		
			66.2	12.3	5.4	1.0	12.5	5.5	1.0	12.7	5.7	1.0	13.0	5.9	1.1	13.9	6.7	1.1	16.2	8.2	1.2		
		75.2	73.4	12.1	2.5	1.0	12.3	2.6	1.0	12.4	2.7	1.0	12.8	2.8	1.1	13.6	3.1	1.2	15.8	3.9	1.3		
			60.8	11.3	6.9	1.0	11.5	7.1	1.0	11.6	7.3	1.0	12.0	7.6	1.0	12.8	8.6	1.1	14.8	10.6	1.2		
			66.2	12.6	6.8	1.0	12.8	7.0	1.0	12.9	7.2	1.0	13.3	7.5	1.1	14.2	8.5	1.1	16.5	10.5	1.2		
		80.6	73.4	13.3	4.6	1.0	13.5	4.8	1.0	13.7	4.9	1.0	14.1	5.1	1.1	15.0	5.8	1.2	17.5	7.1	1.2		
			66.2	12.8	7.3	1.0	13.0	7.5	1.0	13.2	7.7	1.0	13.6	8.0	1.1	14.5	9.1	1.2	16.8	11.2	1.2		
			60.8	11.9	7.7	1.0	12.1	7.9	1.0	12.3	8.1	1.0	12.6	8.5	1.0	13.4	9.6	1.1	15.6	11.8	1.2		
		86.0	66.2	13.0	7.8	1.0	13.1	8.0	1.0	13.3	8.3	1.0	13.7	8.6	1.1	14.6	9.7	1.2	17.0	12.0	1.2		
			73.4	13.6	6.4	1.0	13.8	6.6	1.0	14.0	6.8	1.0	14.4	7.0	1.1	15.3	8.0	1.2	17.8	9.8	1.3		
			60.8	12.5	8.3	1.0	12.7	8.6	1.0	12.9	8.8	1.0	13.2	9.2	1.1	14.1	10.4	1.1	16.4	12.8	1.2		
		89.6	66.2	13.3	8.8	1.0	13.5	9.0	1.0	13.7	9.3	1.0	14.1	9.6	1.1	15.0	10.9	1.2	17.5	13.4	1.2		
			73.4	14.0	8.1	1.0	14.2	8.3	1.0	14.4	8.6	1.1	14.8	8.9	1.1	15.8	10.1	1.2	18.4	12.4	1.3		
			48.2	7.7	3.2	0.7	7.8	3.3	0.7	8.0	3.4	0.7	8.2	3.5	0.8	8.7	4.0	0.8	10.1	4.9	0.9		
		Low	589	64.4	53.6	8.0	2.1	0.8	8.1	2.2	0.8	8.3	2.2	0.8	8.5	2.3	0.8	9.0	2.6	0.9	10.5	3.2	0.9
					59.0	9.7	2.2	0.8	9.8	2.2	0.8	9.9	2.3	0.9	10.2	2.4	0.9	10.9	2.7	1.0	12.7	3.3	1.0
					53.6	9.6	4.9	0.9	9.8	5.0	0.9	9.9	5.2	0.9	10.2	5.4	0.9	10.8	6.1	1.0	12.6	7.5	1.1
69.8	59.0			9.9	4.0	0.9	10.0	4.1	0.9	10.1	4.2	0.9	10.4	4.4	1.0	11.1	5.0	1.0	12.9	6.1	1.1		
	66.2			11.5	3.2	1.0	11.6	3.3	1.0	11.8	3.3	1.0	12.1	3.5	1.0	12.9	3.9	1.1	15.0	4.8	1.2		
	60.8			10.3	5.0	0.9	10.4	5.2	0.9	10.6	5.3	0.9	10.9	5.5	1.0	11.6	6.2	1.0	13.5	7.7	1.1		
75.2	66.2			11.7	4.9	1.0	11.9	5.0	1.0	12.0	5.1	1.0	12.4	5.4	1.0	13.2	6.1	1.1	15.3	7.5	1.2		
	73.4			11.5	2.3	1.0	11.6	2.4	1.0	11.8	2.4	1.0	12.1	2.5	1.1	12.9	2.9	1.2	15.0	3.5	1.2		
	60.8			10.7	6.3	0.9	10.9	6.4	1.0	11.0	6.6	1.0	11.4	6.9	1.0	12.1	7.8	1.1	14.1	9.6	1.2		
80.6	66.2			11.9	6.2	1.0	12.1	6.4	1.0	12.3	6.6	1.0	12.6	6.8	1.1	13.5	7.7	1.1	15.6	9.5	1.2		
	73.4			12.7	4.2	1.0	12.8	4.3	1.0	13.0	4.5	1.0	13.4	4.6	1.1	14.3	5.2	1.2	16.6	6.5	1.2		
	66.2			12.2	6.7	1.0	12.4	6.8	1.0	12.5	7.0	1.0	12.9	7.3	1.1	13.7	8.3	1.1	16.0	10.2	1.2		
84.2	60.8			11.3	7.0	1.0	11.5	7.2	1.0	11.6	7.4	1.0	12.0	7.7	1.0	12.7	8.7	1.1	14.8	10.7	1.2		
	66.2			12.3	7.1	1.0	12.5	7.3	1.0	12.6	7.5	1.0	13.0	7.8	1.1	13.9	8.8	1.1	16.1	10.9	1.2		
	73.4			12.9	5.8	1.0	13.1	6.0	1.0	13.3	6.1	1.0	13.6	6.4	1.1	14.6	7.2	1.2	16.9	8.9	1.2		
86.0	60.8			11.9	7.6	1.0	12.1	7.8	1.0	12.2	8.0	1.0	12.6	8.3	1.1	13.4	9.4	1.1	15.6	11.6	1.2		
	66.2			12.7	8.0	1.0	12.8	8.2	1.0	13.0	8.4	1.0	13.4	8.8	1.1	14.3	9.9	1.2	16.6	12.2	1.2		
	73.4			14.0	7.8	1.0	14.2	8.0	1.0	14.4	8.2	1.1	14.8	8.5	1.1	15.8	9.7	1.2	18.4	11.9	1.3		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																				
				86			95			102.2			109.4			114.8			118.4					
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI			
High	695	64.4	48.2	11.4	6.6	1.0	11.7	7.1	1.2	11.5	7.1	1.3	9.4	5.9	1.1	8.8	5.6	1.0	8.2	5.3	1.1			
			53.6	11.8	4.3	1.1	12.2	4.6	1.3	11.9	4.6	1.4	9.7	3.8	1.1	9.1	3.7	1.1	8.5	3.5	1.1			
			59.0	14.2	4.4	1.2	14.6	4.8	1.4	14.4	4.7	1.5	11.7	3.9	1.3	11.0	3.8	1.2	10.3	3.6	1.2			
		69.8	53.6	14.1	10.0	1.3	14.6	10.8	1.5	14.3	10.7	1.6	11.7	8.9	1.3	10.9	8.5	1.3	10.2	8.1	1.3			
			59.0	14.5	8.1	1.3	14.9	8.8	1.5	14.6	8.8	1.6	11.9	7.3	1.4	11.2	7.0	1.3	10.5	6.6	1.3			
			66.2	16.8	6.4	1.4	17.4	7.0	1.6	17.0	6.9	1.8	13.9	5.8	1.5	13.0	5.5	1.4	12.2	5.2	1.4			
		75.2	60.8	15.1	10.2	1.3	15.6	11.1	1.5	15.3	11.0	1.6	12.5	9.1	1.4	11.7	8.7	1.3	10.9	8.3	1.3			
			66.2	17.2	9.9	1.4	17.7	10.8	1.6	17.4	10.7	1.8	14.2	8.9	1.5	13.3	8.5	1.4	12.4	8.1	1.4			
			73.4	16.8	4.7	1.4	17.4	5.1	1.7	17.0	5.0	1.9	13.9	4.2	1.5	13.0	4.0	1.4	12.2	3.8	1.5			
		80.6	60.8	15.8	12.8	1.4	16.3	13.9	1.6	15.9	13.7	1.7	13.0	11.4	1.4	12.2	10.9	1.4	11.4	10.4	1.4			
			66.2	17.5	12.7	1.4	18.1	13.7	1.7	17.7	13.6	1.8	14.5	11.3	1.5	13.6	10.8	1.4	12.7	10.3	1.4			
			73.4	18.6	8.6	1.4	19.2	9.3	1.7	18.8	9.2	1.8	15.3	7.7	1.5	14.4	7.3	1.4	13.4	7.0	1.5			
		84.2	66.2	17.9	13.6	1.4	18.4	14.7	1.7	18.1	14.6	1.8	14.8	12.1	1.5	13.8	11.6	1.4	12.9	11.0	1.4			
			60.8	16.6	14.3	1.4	17.1	15.5	1.6	16.8	15.3	1.8	13.7	12.7	1.5	12.9	12.2	1.4	12.0	11.6	1.4			
			66.2	18.1	14.5	1.4	18.6	15.7	1.7	18.3	15.6	1.8	14.9	12.9	1.5	14.0	12.4	1.4	13.0	11.8	1.4			
		86.0	73.4	19.0	11.9	1.4	19.6	12.9	1.7	19.2	12.7	1.9	15.6	10.6	1.5	14.7	10.1	1.4	13.7	9.6	1.5			
			60.8	17.5	15.4	1.4	18.0	16.7	1.6	17.7	16.6	1.8	14.4	13.8	1.5	13.5	13.2	1.4	12.6	12.5	1.4			
			66.2	18.6	16.2	1.4	19.2	17.6	1.7	18.8	17.4	1.8	15.3	14.5	1.5	14.4	13.9	1.4	13.4	13.2	1.5			
		89.6	73.4	19.2	14.7	1.4	19.7	16.0	1.7	19.3	15.8	1.9	15.8	13.2	1.5	14.8	12.6	1.4	13.8	12.0	1.5			
			Medium	636	64.4	48.2	11.1	6.0	1.0	11.5	6.5	1.2	11.3	6.4	1.3	9.2	5.3	1.1	8.6	5.1	1.0	8.0	4.9	1.1
						53.6	11.6	3.9	1.1	11.9	4.2	1.3	11.7	4.2	1.4	9.5	3.5	1.1	8.9	3.3	1.1	8.3	3.2	1.1
59.0	13.9	4.0				1.2	14.4	4.4	1.4	14.1	4.3	1.5	11.5	3.6	1.2	10.8	3.4	1.2	10.0	3.3	1.2			
69.8	53.6	13.9			9.1	1.2	14.3	9.9	1.5	14.0	9.7	1.6	11.4	8.1	1.3	10.7	7.8	1.2	10.0	7.4	1.3			
	59.0	14.2			7.4	1.3	14.6	8.1	1.5	14.3	8.0	1.6	11.7	6.6	1.3	11.0	6.3	1.3	10.2	6.0	1.3			
	66.2	16.5			5.9	1.4	17.0	6.4	1.6	16.7	6.3	1.7	13.6	5.3	1.4	12.8	5.0	1.4	11.9	4.8	1.4			
75.2	60.8	14.8			9.3	1.3	15.3	10.1	1.5	15.0	10.0	1.6	12.2	8.3	1.3	11.5	8.0	1.3	10.7	7.6	1.3			
	66.2	16.8			9.0	1.4	17.4	9.8	1.6	17.0	9.7	1.8	13.9	8.1	1.5	13.0	7.7	1.4	12.2	7.4	1.4			
	73.4	16.5			4.3	1.4	17.0	4.6	1.7	16.7	4.6	1.8	13.6	3.8	1.5	12.8	3.6	1.4	11.9	3.5	1.5			
80.6	60.8	15.5			11.6	1.3	15.9	12.6	1.6	15.6	12.5	1.7	12.8	10.4	1.4	12.0	9.9	1.3	11.2	9.5	1.4			
	66.2	17.2			11.5	1.4	17.7	12.5	1.6	17.4	12.4	1.8	14.2	10.3	1.5	13.3	9.9	1.4	12.4	9.4	1.4			
	73.4	18.2			7.8	1.4	18.8	8.5	1.7	18.4	8.4	1.8	15.0	7.0	1.5	14.1	6.7	1.4	13.1	6.4	1.4			
84.2	66.2	17.5			12.4	1.4	18.1	13.4	1.6	17.7	13.3	1.8	14.5	11.1	1.5	13.6	10.6	1.4	12.7	10.0	1.4			
	60.8	16.3			13.0	1.4	16.8	14.1	1.6	16.5	14.0	1.7	13.4	11.6	1.4	12.6	11.1	1.4	11.8	10.6	1.4			
	66.2	17.7			13.2	1.4	18.3	14.3	1.6	17.9	14.2	1.8	14.6	11.8	1.5	13.7	11.3	1.4	12.8	10.7	1.4			
86.0	73.4	18.6			10.8	1.4	19.2	11.7	1.7	18.8	11.6	1.8	15.3	9.7	1.5	14.4	9.2	1.4	13.4	8.8	1.5			
	60.8	17.1			14.1	1.4	17.7	15.3	1.6	17.3	15.1	1.8	14.1	12.6	1.5	13.2	12.0	1.4	12.4	11.4	1.4			
	66.2	18.2			14.8	1.4	18.8	16.1	1.7	18.4	15.9	1.8	15.0	13.2	1.5	14.1	12.7	1.4	13.1	12.0	1.4			
89.6	73.4	19.2			13.7	1.4	19.7	14.9	1.7	19.3	14.7	1.9	15.8	12.2	1.5	14.8	11.7	1.4	13.8	11.1	1.5			
	Low	589			64.4	48.2	10.6	5.4	1.0	10.9	5.9	1.2	10.7	5.8	1.3	8.7	4.9	1.1	8.2	4.6	1.0	7.6	4.4	1.0
						53.6	11.0	3.5	1.1	11.3	3.8	1.3	11.1	3.8	1.4	9.0	3.2	1.1	8.5	3.0	1.1	7.9	2.9	1.1
59.0			13.2	3.7		1.2	13.6	4.0	1.4	13.3	3.9	1.5	10.9	3.3	1.2	10.2	3.1	1.2	9.5	3.0	1.2			
69.8			53.6	13.2	8.2	1.2	13.6	8.9	1.4	13.3	8.9	1.6	10.8	7.4	1.3	10.2	7.0	1.2	9.5	6.7	1.3			
			59.0	13.5	6.7	1.3	13.9	7.3	1.5	13.6	7.2	1.6	11.1	6.0	1.3	10.4	5.8	1.3	9.7	5.5	1.3			
			66.2	15.7	5.3	1.3	16.1	5.8	1.6	15.8	5.7	1.7	12.9	4.8	1.4	12.1	4.6	1.3	11.3	4.3	1.4			
75.2			60.8	14.1	8.5	1.3	14.5	9.2	1.5	14.2	9.1	1.6	11.6	7.6	1.3	10.9	7.2	1.3	10.2	6.9	1.3			
			66.2	16.0	8.2	1.4	16.5	8.9	1.6	16.2	8.8	1.7	13.2	7.3	1.4	12.4	7.0	1.4	11.5	6.7	1.4			
			73.4	15.7	3.9	1.4	16.2	4.2	1.7	15.8	4.2	1.8	12.9	3.5	1.5	12.1	3.3	1.4	11.3	3.1	1.4			
80.6			60.8	14.7	10.6	1.3	15.1	11.5	1.6	14.8	11.3	1.7	12.1	9.4	1.4	11.4	9.0	1.3	10.6	8.6	1.4			
			66.2	16.3	10.5	1.4	16.8	11.4	1.6	16.5	11.3	1.8	13.5	9.4	1.5	12.6	9.0	1.4	11.8	8.5	1.4			
			73.4	17.3	7.1	1.4	17.8	7.7	1.6	17.5	7.6	1.8	14.3	6.4	1.5	13.4	6.1	1.4	12.5	5.8	1.4			
84.2			66.2	16.6	11.2	1.4	17.2	12.2	1.6	16.8	12.1	1.8	13.7	10.0	1.5	12.9	9.6	1.4	12.0	9.1	1.4			
			60.8	15.5	11.8	1.3	15.9	12.8	1.6	15.6	12.7	1.7	12.7	10.5	1.4	12.0	10.1	1.3	11.2	9.6	1.4			
			66.2	16.8	12.0	1.4	17.3	13.0	1.6	17.0	12.9	1.8	13.9	10.7	1.5	13.0	10.2	1.4	12.1	9.7	1.4			
86.0			73.4	17.6	9.8	1.4	18.2	10.7	1.7	17.8	10.5	1.8	14.6	8.8	1.5	13.6	8.4	1.4	12.7	8.0	1.4			
			60.8	16.3	12.8	1.4	16.8	13.9	1.6	16.4	13.7	1.8	13.4	11.4	1.5	12.6	10.9	1.4	11.7	10.4	1.4			
			66.2	17.3	13.4	1.4	17.8	14.6	1.6	17.5	14.4	1.8	14.3	12.0	1.5	13.4	11.5	1.4	12.5	10.9	1.4			
89.6			73.4	19.2	13.1	1.4	19.7	14.2	1.7	19.3	14.1	1.9	15.8	11.7	1.5	14.8	11.2	1.4	13.8	10.7	1.5			

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD24NK3C1O Indoor Unit:GKH24K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																
				5			14			19.4			23			32				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	824	64.4	48.2	10.2	4.5	0.9	10.4	4.6	0.9	10.5	4.7	0.9	10.7	4.9	0.9	10.8	5.0	1.0		
			53.6	10.6	2.9	0.9	10.8	3.0	0.9	10.9	3.1	1.0	11.1	3.2	1.0	11.2	3.3	1.0		
			59.0	12.8	3.0	1.0	13.0	3.1	1.0	13.2	3.2	1.1	13.3	3.3	1.1	13.5	3.4	1.1		
		69.8	53.6	12.7	6.8	1.1	12.9	7.0	1.1	13.1	7.2	1.1	13.3	7.4	1.1	13.5	7.6	1.1		
			59.0	13.0	5.5	1.1	13.2	5.7	1.1	13.4	5.9	1.1	13.6	6.0	1.2	13.8	6.2	1.2		
			66.2	15.1	4.4	1.2	15.4	4.5	1.2	15.6	4.6	1.2	15.8	4.8	1.2	16.1	4.9	1.3		
		75.2	60.8	13.6	7.0	1.1	13.8	7.2	1.1	14.0	7.4	1.1	14.2	7.6	1.2	14.4	7.8	1.2		
			66.2	15.4	6.8	1.2	15.7	7.0	1.2	15.9	7.2	1.2	16.2	7.4	1.3	16.4	7.6	1.3		
			73.4	15.1	3.2	1.2	15.4	3.3	1.3	15.6	3.4	1.3	15.8	3.5	1.3	16.1	3.6	1.3		
		80.6	60.8	14.2	8.7	1.2	14.4	8.9	1.2	14.6	9.2	1.2	14.8	9.5	1.2	15.0	9.7	1.2		
			66.2	15.8	8.6	1.2	16.0	8.9	1.2	16.2	9.1	1.2	16.5	9.4	1.3	16.7	9.7	1.3		
			73.4	16.7	5.9	1.2	17.0	6.0	1.2	17.2	6.2	1.3	17.5	6.4	1.3	17.7	6.6	1.3		
		84.2	66.2	16.1	9.2	1.2	16.3	9.5	1.2	16.6	9.8	1.3	16.8	10.1	1.3	17.1	10.3	1.3		
			60.8	14.9	9.7	1.2	15.2	10.0	1.2	15.4	10.3	1.2	15.6	10.6	1.2	15.8	10.9	1.3		
			66.2	16.2	9.9	1.2	16.5	10.2	1.2	16.7	10.4	1.3	17.0	10.7	1.3	17.2	11.0	1.3		
		86.0	73.4	17.0	8.1	1.2	17.3	8.3	1.3	17.6	8.6	1.3	17.8	8.8	1.3	18.1	9.0	1.3		
			60.8	15.7	10.5	1.2	15.9	10.8	1.2	16.2	11.1	1.2	16.4	11.4	1.3	16.7	11.8	1.3		
			66.2	16.7	11.1	1.2	17.0	11.4	1.2	17.2	11.7	1.3	17.5	12.0	1.3	17.7	12.4	1.3		
		89.6	73.4	17.2	10.0	1.2	17.5	10.3	1.3	17.7	10.6	1.3	18.0	10.9	1.3	18.3	11.2	1.3		
			48.2	10.0	4.1	0.9	10.2	4.2	0.9	10.3	4.3	0.9	10.5	4.4	0.9	10.6	4.6	0.9		
53.6	10.4		2.7	0.9	10.5	2.7	0.9	10.7	2.8	1.0	10.9	2.9	1.0	11.0	3.0	1.0				
Medium	748	64.4	59.0	12.5	2.7	1.0	12.7	2.8	1.0	12.9	2.9	1.0	13.1	3.0	1.1	13.3	3.1	1.1		
			53.6	12.5	6.2	1.1	12.6	6.4	1.1	12.8	6.5	1.1	13.0	6.7	1.1	13.2	6.9	1.1		
			59.0	12.8	5.1	1.1	12.9	5.2	1.1	13.1	5.4	1.1	13.3	5.5	1.1	13.5	5.7	1.2		
		69.8	66.2	14.8	4.0	1.2	15.1	4.1	1.2	15.3	4.2	1.2	15.5	4.4	1.2	15.7	4.5	1.2		
			60.8	13.3	6.3	1.1	13.5	6.5	1.1	13.7	6.7	1.1	13.9	6.9	1.1	14.1	7.1	1.2		
			66.2	15.1	6.2	1.2	15.4	6.3	1.2	15.6	6.5	1.2	15.8	6.7	1.2	16.1	6.9	1.3		
		75.2	73.4	14.8	2.9	1.2	15.1	3.0	1.2	15.3	3.1	1.3	15.5	3.2	1.3	15.7	3.2	1.3		
			60.8	13.9	7.9	1.2	14.1	8.2	1.2	14.3	8.4	1.2	14.5	8.6	1.2	14.7	8.9	1.2		
			66.2	15.4	7.9	1.2	15.7	8.1	1.2	15.9	8.3	1.2	16.2	8.6	1.3	16.4	8.8	1.3		
		80.6	73.4	16.4	5.3	1.2	16.6	5.5	1.2	16.9	5.6	1.3	17.1	5.8	1.3	17.4	6.0	1.3		
			66.2	15.8	8.4	1.2	16.0	8.7	1.2	16.2	8.9	1.2	16.5	9.2	1.3	16.7	9.4	1.3		
			60.8	14.6	8.8	1.2	14.9	9.1	1.2	15.1	9.4	1.2	15.3	9.6	1.2	15.5	9.9	1.2		
		86.0	66.2	15.9	9.0	1.2	16.2	9.3	1.2	16.4	9.5	1.2	16.6	9.8	1.3	16.9	10.1	1.3		
			73.4	16.7	7.4	1.2	17.0	7.6	1.2	17.2	7.8	1.3	17.5	8.0	1.3	17.7	8.2	1.3		
			60.8	15.4	9.6	1.2	15.6	9.9	1.2	15.9	10.1	1.2	16.1	10.4	1.3	16.3	10.7	1.3		
		89.6	66.2	16.4	10.1	1.2	16.6	10.4	1.2	16.9	10.7	1.3	17.1	11.0	1.3	17.4	11.3	1.3		
			73.4	17.2	9.3	1.2	17.5	9.6	1.3	17.7	9.9	1.3	18.0	10.2	1.3	18.3	10.4	1.3		
			48.2	9.5	3.7	0.9	9.6	3.8	0.9	9.8	3.9	0.9	9.9	4.0	0.9	10.1	4.1	0.9		
		Low	689	64.4	53.6	9.9	2.4	0.9	10.0	2.5	0.9	10.2	2.6	0.9	10.3	2.6	1.0	10.5	2.7	1.0
					59.0	11.9	2.5	1.0	12.1	2.6	1.0	12.2	2.6	1.0	12.4	2.7	1.1	12.6	2.8	1.1
53.6	11.8				5.6	1.0	12.0	5.8	1.1	12.2	5.9	1.1	12.4	6.1	1.1	12.5	6.3	1.1		
69.8	59.0			12.1	4.6	1.1	12.3	4.7	1.1	12.5	4.9	1.1	12.7	5.0	1.1	12.8	5.1	1.1		
	66.2			14.1	3.6	1.2	14.3	3.7	1.2	14.5	3.8	1.2	14.7	4.0	1.2	14.9	4.1	1.2		
	60.8			12.6	5.8	1.1	12.8	5.9	1.1	13.0	6.1	1.1	13.2	6.3	1.1	13.4	6.5	1.1		
75.2	66.2			14.4	5.6	1.2	14.6	5.8	1.2	14.8	5.9	1.2	15.0	6.1	1.2	15.2	6.3	1.2		
	73.4			14.1	2.6	1.2	14.3	2.7	1.2	14.5	2.8	1.3	14.7	2.9	1.3	14.9	2.9	1.3		
	60.8			13.2	7.2	1.1	13.4	7.4	1.2	13.6	7.6	1.2	13.8	7.8	1.2	14.0	8.1	1.2		
80.6	66.2			14.7	7.1	1.2	14.9	7.3	1.2	15.1	7.6	1.2	15.3	7.8	1.2	15.5	8.0	1.3		
	73.4			15.5	4.8	1.2	15.8	5.0	1.2	16.0	5.1	1.2	16.2	5.3	1.3	16.5	5.4	1.3		
	60.8			13.9	8.0	1.2	14.1	8.3	1.2	14.3	8.5	1.2	14.5	8.8	1.2	14.7	9.0	1.2		
86.0	66.2			15.1	8.2	1.2	15.3	8.4	1.2	15.6	8.6	1.2	15.8	8.9	1.3	16.0	9.1	1.3		
	73.4			15.9	6.7	1.2	16.1	6.9	1.2	16.3	7.1	1.3	16.6	7.3	1.3	16.8	7.5	1.3		
	60.8			14.6	8.7	1.2	14.8	8.9	1.2	15.0	9.2	1.2	15.3	9.5	1.2	15.5	9.7	1.3		
89.6	66.2			15.5	9.2	1.2	15.8	9.4	1.2	16.0	9.7	1.2	16.2	10.0	1.3	16.5	10.3	1.3		
	73.4			17.2	8.9	1.2	17.5	9.2	1.3	17.7	9.5	1.3	18.0	9.7	1.3	18.3	10.0	1.3		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																			
				41			50			59			64.4			69.8			77				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	824	64.4	48.2	11.0	5.1	1.0	11.1	5.3	1.0	11.3	5.4	1.0	11.6	5.6	1.0	12.4	6.4	1.1	14.4	7.9	1.2		
			53.6	11.4	3.4	1.0	11.6	3.4	1.0	11.7	3.5	1.0	12.0	3.7	1.1	12.8	4.2	1.2	14.9	5.1	1.3		
			59.0	13.7	3.5	1.1	13.9	3.6	1.1	14.1	3.6	1.1	14.5	3.8	1.2	15.5	4.3	1.3	18.0	5.3	1.4		
		69.8	53.6	13.7	7.8	1.2	13.9	8.0	1.2	14.1	8.2	1.2	14.4	8.6	1.3	15.4	9.7	1.4	17.9	11.9	1.5		
			59.0	14.0	6.4	1.2	14.2	6.6	1.2	14.4	6.7	1.2	14.8	7.0	1.3	15.8	7.9	1.4	18.3	9.8	1.5		
			66.2	16.3	5.0	1.3	16.5	5.2	1.3	16.7	5.3	1.3	17.2	5.5	1.4	18.3	6.3	1.5	21.3	7.7	1.6		
		75.2	60.8	14.6	8.0	1.2	14.8	8.2	1.2	15.0	8.4	1.2	15.4	8.8	1.3	16.5	10.0	1.4	19.2	12.3	1.5		
			66.2	16.6	7.8	1.3	16.9	8.0	1.3	17.1	8.2	1.3	17.6	8.5	1.4	18.7	9.7	1.5	21.8	11.9	1.6		
			73.4	16.3	3.7	1.3	16.5	3.8	1.4	16.7	3.9	1.4	17.2	4.0	1.5	18.4	4.6	1.6	21.3	5.6	1.7		
		80.6	60.8	15.3	10.0	1.3	15.5	10.3	1.3	15.7	10.6	1.3	16.1	11.0	1.4	17.2	12.4	1.5	20.0	15.3	1.6		
			66.2	17.0	9.9	1.3	17.2	10.2	1.3	17.4	10.5	1.4	17.9	10.9	1.4	19.1	12.3	1.5	22.2	15.2	1.6		
			73.4	18.0	6.7	1.3	18.2	6.9	1.4	18.5	7.1	1.4	19.0	7.4	1.4	20.3	8.4	1.6	23.5	10.3	1.7		
		84.2	66.2	17.3	10.6	1.3	17.5	10.9	1.3	17.8	11.2	1.4	18.3	11.7	1.4	19.5	13.2	1.5	22.7	16.3	1.7		
			60.8	16.1	11.2	1.3	16.3	11.5	1.3	16.5	11.8	1.3	17.0	12.3	1.4	18.1	13.9	1.5	21.0	17.1	1.6		
			66.2	17.5	11.3	1.3	17.7	11.7	1.3	18.0	12.0	1.4	18.5	12.5	1.4	19.7	14.1	1.5	22.9	17.4	1.7		
		86.0	73.4	18.3	9.3	1.3	18.6	9.5	1.4	18.9	9.8	1.4	19.4	10.2	1.5	20.7	11.6	1.6	24.0	14.2	1.7		
			60.8	16.9	12.1	1.3	17.1	12.4	1.3	17.4	12.7	1.4	17.8	13.3	1.4	19.0	15.0	1.5	22.1	18.5	1.6		
			66.2	18.0	12.7	1.3	18.2	13.1	1.4	18.5	13.4	1.4	19.0	14.0	1.4	20.3	15.8	1.6	23.5	19.5	1.7		
		89.6	73.4	18.5	11.5	1.3	18.8	11.9	1.4	19.0	12.2	1.4	19.6	12.7	1.5	20.9	14.3	1.6	24.3	17.7	1.7		
			60.8	16.6	10.9	1.4	10.9	4.8	1.0	11.1	4.9	1.0	11.4	5.1	1.0	12.1	5.8	1.1	14.1	7.2	1.2		
			66.2	18.5	11.5	1.3	18.8	11.9	1.4	19.0	12.2	1.4	19.6	12.7	1.5	20.9	14.3	1.6	24.3	17.7	1.7		
		Medium	748	64.4	48.2	10.8	4.7	1.0	10.9	4.8	1.0	11.1	4.9	1.0	11.4	5.1	1.0	12.1	5.8	1.1	14.1	7.2	1.2
					53.6	11.2	3.1	1.0	11.3	3.1	1.0	11.5	3.2	1.0	11.8	3.4	1.1	12.6	3.8	1.2	14.6	4.7	1.3
					59.0	13.5	3.2	1.1	13.7	3.2	1.1	13.8	3.3	1.1	14.2	3.5	1.2	15.2	3.9	1.3	17.6	4.8	1.4
69.8	53.6			13.4	7.1	1.2	13.6	7.3	1.2	13.8	7.5	1.2	14.2	7.8	1.3	15.1	8.8	1.3	17.6	10.9	1.4		
	59.0			13.7	5.8	1.2	13.9	6.0	1.2	14.1	6.1	1.2	14.5	6.4	1.3	15.5	7.2	1.4	18.0	8.9	1.5		
	66.2			16.0	4.6	1.3	16.2	4.7	1.3	16.4	4.9	1.3	16.9	5.1	1.4	18.0	5.7	1.5	20.9	7.0	1.6		
75.2	60.8			14.3	7.3	1.2	14.5	7.5	1.2	14.7	7.7	1.2	15.1	8.0	1.3	16.1	9.1	1.4	18.8	11.2	1.5		
	66.2			16.3	7.1	1.3	16.5	7.3	1.3	16.7	7.5	1.3	17.2	7.8	1.4	18.4	8.8	1.5	21.3	10.9	1.6		
	73.4			16.0	3.3	1.3	16.2	3.4	1.4	16.4	3.5	1.4	16.9	3.7	1.4	18.0	4.1	1.6	20.9	5.1	1.7		
80.6	60.8			15.0	9.1	1.3	15.2	9.4	1.3	15.4	9.6	1.3	15.8	10.0	1.4	16.9	11.3	1.5	19.6	14.0	1.6		
	66.2			16.6	9.0	1.3	16.9	9.3	1.3	17.1	9.5	1.3	17.6	9.9	1.4	18.7	11.2	1.5	21.8	13.8	1.6		
	73.4			17.6	6.1	1.3	17.9	6.3	1.3	18.1	6.5	1.4	18.6	6.7	1.4	19.8	7.6	1.5	23.1	9.4	1.7		
84.2	66.2			17.0	9.7	1.3	17.2	10.0	1.3	17.4	10.2	1.4	17.9	10.6	1.4	19.1	12.0	1.5	22.2	14.8	1.6		
	60.8			15.7	10.2	1.3	16.0	10.5	1.3	16.2	10.7	1.3	16.6	11.2	1.4	17.7	12.7	1.5	20.6	15.6	1.6		
	66.2			17.1	10.3	1.3	17.4	10.6	1.3	17.6	10.9	1.4	18.1	11.3	1.4	19.3	12.9	1.5	22.4	15.8	1.6		
86.0	73.4			18.0	8.5	1.3	18.2	8.7	1.4	18.5	8.9	1.4	19.0	9.3	1.4	20.3	10.5	1.6	23.5	13.0	1.7		
	60.8			16.6	11.0	1.3	16.8	11.3	1.3	17.0	11.6	1.3	17.5	12.1	1.4	18.7	13.7	1.5	21.7	16.9	1.6		
	66.2			17.6	11.6	1.3	17.9	11.9	1.3	18.1	12.2	1.4	18.6	12.7	1.4	19.8	14.4	1.5	23.1	17.8	1.7		
89.6	73.4			18.5	10.7	1.3	18.8	11.0	1.4	19.0	11.3	1.4	19.6	11.8	1.5	20.9	13.3	1.6	24.3	16.4	1.7		
	60.8			16.6	10.9	1.4	10.9	4.8	1.0	11.1	4.9	1.0	11.4	5.1	1.0	12.1	5.8	1.1	14.1	7.2	1.2		
	66.2			18.5	11.5	1.3	18.8	11.9	1.4	19.0	12.2	1.4	19.6	12.7	1.5	20.9	14.3	1.6	24.3	17.7	1.7		
Low	689			64.4	48.2	10.2	4.3	0.9	10.4	4.4	1.0	10.5	4.5	1.0	10.8	4.7	1.0	11.5	5.3	1.1	13.4	6.5	1.2
					53.6	10.6	2.8	1.0	10.8	2.9	1.0	10.9	2.9	1.0	11.2	3.0	1.1	11.9	3.5	1.2	13.9	4.3	1.2
					59.0	12.8	2.9	1.1	13.0	2.9	1.1	13.1	3.0	1.1	13.5	3.1	1.2	14.4	3.6	1.3	16.7	4.4	1.4
		69.8	53.6	12.7	6.5	1.1	12.9	6.6	1.2	13.1	6.8	1.2	13.4	7.1	1.2	14.3	8.0	1.3	16.7	9.9	1.4		
			59.0	13.0	5.3	1.2	13.2	5.4	1.2	13.4	5.6	1.2	13.8	5.8	1.3	14.7	6.6	1.4	17.1	8.1	1.5		
			66.2	15.1	4.2	1.3	15.4	4.3	1.3	15.6	4.4	1.3	16.0	4.6	1.4	17.1	5.2	1.5	19.8	6.4	1.6		
		75.2	60.8	13.6	6.6	1.2	13.8	6.8	1.2	14.0	7.0	1.2	14.4	7.3	1.3	15.3	8.2	1.4	17.8	10.2	1.5		
			66.2	15.5	6.4	1.3	15.7	6.6	1.3	15.9	6.8	1.3	16.3	7.1	1.4	17.4	8.0	1.5	20.2	9.9	1.6		
			73.4	15.1	3.0	1.3	15.4	3.1	1.3	15.6	3.2	1.4	16.0	3.3	1.4	17.1	3.8	1.5	19.8	4.6	1.6		
		80.6	60.8	14.2	8.3	1.2	14.4	8.5	1.3	14.6	8.7	1.3	15.0	9.1	1.3	16.0	10.3	1.5	18.6	12.7	1.6		
			66.2	15.8	8.2	1.3	16.0	8.4	1.3	16.2	8.7	1.3	16.7	9.0	1.4	17.8	10.2	1.5	20.7	12.6	1.6		
			73.4	16.7	5.6	1.3	17.0	5.7	1.3	17.2	5.9	1.4	17.7	6.1	1.4	18.8	6.9	1.5	21.9	8.5	1.6		
		84.2	66.2	16.1	8.8	1.3	16.3	9.0	1.3	16.5	9.3	1.3	17.0	9.7	1.4	18.1	10.9	1.5	21.1	13.5	1.6		
			60.8	14.9	9.2	1.3	15.2	9.5	1.3	15.4	9.8	1.3	15.8	10.1	1.4	16.8	11.5	1.5	19.6	14.2	1.6		
			66.2	16.2	9.4	1.3	16.5	9.6	1.3	16.7	9.9	1.3	17.2	10.3	1.4	18.3	11.7	1.5	21.3	14.4	1.6		
		86.0	73.4	17.1	7.7	1.3	17.3	7.9	1.3	17.5	8.1	1.4	18.0	8.4	1.4	19.2	9.6	1.5	22.3	11.8	1.7		
			60.8	15.7	10.0	1.3	15.9	10.3	1.3	16.2	10.6	1.3	16.6	11.0	1.4	17.7	12.4	1.5	20.6	15.3	1.6		
			66.2	16.7	10.5	1.3	17.0	10.8	1.3	17.2	11.1	1.4	17.7	11.6	1.4	18.8	13.1	1.5	21.9	16.1	1.6		
		89.6	73.4	18.5	10.3	1.3	18.8	10.5	1.4	19.0	10.8	1.4	19.6	11.3	1.5	20.9	12.8	1.6	24.3	15.7	1.7		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																		
				86			95			102.2			109.4			114.8			118.4			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	824	64.4	48.2	15.0	8.7	1.4	15.5	9.4	1.6	15.2	9.3	1.8	12.4	7.8	1.5	11.6	7.4	1.4	10.8	7.0	1.4	
			53.6	15.6	5.7	1.4	16.1	6.1	1.7	15.7	6.1	1.8	12.8	5.1	1.5	12.0	4.8	1.4	11.2	4.6	1.5	
			59.0	18.8	5.8	1.6	19.3	6.3	1.9	19.0	6.3	2.0	15.5	5.2	1.7	14.5	5.0	1.6	13.5	4.7	1.6	
		69.8	53.6	18.7	13.2	1.7	19.3	14.3	1.9	18.9	14.1	2.1	15.4	11.8	1.7	14.4	11.2	1.7	13.5	10.7	1.7	
			59.0	19.1	10.8	1.7	19.7	11.7	2.0	19.3	11.6	2.2	15.8	9.6	1.8	14.8	9.2	1.7	13.8	8.7	1.7	
			66.2	22.2	8.5	1.8	22.9	9.2	2.1	22.5	9.1	2.3	18.3	7.6	1.9	17.2	7.3	1.8	16.1	6.9	1.9	
		75.2	60.8	20.0	13.5	1.7	20.6	14.7	2.0	20.2	14.5	2.2	16.5	12.1	1.8	15.4	11.5	1.7	14.4	11.0	1.7	
			66.2	22.7	13.1	1.8	23.4	14.2	2.2	22.9	14.1	2.4	18.7	11.7	1.9	17.6	11.2	1.8	16.4	10.7	1.9	
			73.4	22.3	6.2	1.9	22.9	6.7	2.2	22.5	6.6	2.4	18.4	5.5	2.0	17.2	5.3	1.9	16.1	5.0	2.0	
		80.6	60.8	20.9	16.9	1.8	21.5	18.3	2.1	21.1	18.1	2.3	17.2	15.1	1.9	16.1	14.4	1.8	15.0	13.7	1.8	
			66.2	23.2	16.7	1.9	23.9	18.2	2.2	23.4	18.0	2.4	19.1	15.0	2.0	17.9	14.3	1.9	16.7	13.6	1.9	
			73.4	24.6	11.3	1.9	25.3	12.3	2.2	24.8	12.2	2.4	20.3	10.1	2.0	19.0	9.7	1.9	17.7	9.2	1.9	
	84.2	66.2	23.6	17.9	1.9	24.4	19.4	2.2	23.9	19.2	2.4	19.5	16.0	2.0	18.3	15.3	1.9	17.1	14.6	1.9		
		60.8	22.0	18.8	1.8	22.6	20.4	2.1	22.2	20.2	2.3	18.1	16.8	1.9	17.0	16.1	1.8	15.8	15.3	1.9		
		66.2	23.9	19.1	1.9	24.6	20.8	2.2	24.1	20.5	2.4	19.7	17.1	2.0	18.5	16.3	1.9	17.2	15.5	1.9		
	86.0	73.4	25.1	15.7	1.9	25.8	17.0	2.2	25.3	16.8	2.4	20.7	14.0	2.0	19.4	13.4	1.9	18.1	12.7	2.0		
		60.8	23.1	20.4	1.9	23.8	22.1	2.2	23.3	21.9	2.4	19.0	18.2	2.0	17.8	17.4	1.9	16.7	16.6	1.9		
		66.2	24.6	21.5	1.9	25.3	23.3	2.2	24.8	23.0	2.4	20.3	19.2	2.0	19.0	18.3	1.9	17.7	17.4	1.9		
	89.6	73.4	25.3	19.4	1.9	26.1	21.1	2.2	25.6	20.9	2.4	20.9	17.4	2.0	19.6	16.6	1.9	18.3	15.8	2.0		
		48.2	14.7	7.9	1.4	15.2	8.6	1.6	14.9	8.5	1.7	12.1	7.1	1.4	11.4	6.8	1.4	10.6	6.4	1.4		
		53.6	15.3	5.2	1.4	15.7	5.6	1.7	15.4	5.5	1.8	12.6	4.6	1.5	11.8	4.4	1.4	11.0	4.2	1.5		
	Medium	748	64.4	59.0	18.4	5.3	1.6	19.0	5.8	1.8	18.6	5.7	2.0	15.2	4.7	1.7	14.2	4.5	1.6	13.3	4.3	1.6
				53.6	18.3	12.0	1.6	18.9	13.0	1.9	18.5	12.9	2.1	15.1	10.7	1.7	14.2	10.2	1.6	13.2	9.7	1.7
				59.0	18.7	9.8	1.7	19.3	10.6	2.0	18.9	10.5	2.1	15.5	8.8	1.8	14.5	8.4	1.7	13.5	8.0	1.7
69.8			66.2	21.8	7.8	1.8	22.5	8.4	2.1	22.0	8.3	2.3	18.0	6.9	1.9	16.9	6.6	1.8	15.7	6.3	1.8	
			60.8	19.6	12.3	1.7	20.2	13.4	2.0	19.8	13.2	2.1	16.1	11.0	1.8	15.1	10.5	1.7	14.1	10.0	1.7	
			66.2	22.3	12.0	1.8	22.9	13.0	2.1	22.5	12.8	2.3	18.4	10.7	1.9	17.2	10.2	1.8	16.1	9.7	1.9	
75.2			73.4	21.8	5.6	1.9	22.5	6.1	2.2	22.0	6.0	2.4	18.0	5.0	2.0	16.9	4.8	1.9	15.7	4.6	1.9	
			60.8	20.4	15.4	1.8	21.1	16.7	2.1	20.6	16.5	2.3	16.9	13.7	1.9	15.8	13.1	1.8	14.7	12.5	1.8	
			66.2	22.7	15.2	1.8	23.4	16.5	2.2	22.9	16.4	2.4	18.7	13.6	1.9	17.6	13.0	1.8	16.4	12.4	1.9	
80.6			73.4	24.1	10.3	1.9	24.8	11.2	2.2	24.3	11.1	2.4	19.8	9.2	2.0	18.6	8.8	1.9	17.4	8.4	1.9	
			84.2	66.2	23.2	16.3	1.9	23.9	17.7	2.2	23.4	17.5	2.4	19.1	14.6	2.0	17.9	14.0	1.9	16.7	13.3	1.9
			60.8	21.5	17.2	1.8	22.2	18.6	2.1	21.7	18.4	2.3	17.7	15.3	1.9	16.6	14.7	1.8	15.5	13.9	1.8	
86.0		66.2	23.4	17.4	1.9	24.1	18.9	2.2	23.6	18.7	2.4	19.3	15.6	2.0	18.1	14.9	1.9	16.9	14.2	1.9		
		73.4	24.6	14.3	1.9	25.3	15.5	2.2	24.8	15.3	2.4	20.3	12.8	2.0	19.0	12.2	1.9	17.7	11.6	1.9		
		60.8	22.6	18.6	1.8	23.3	20.1	2.2	22.9	19.9	2.4	18.7	16.6	1.9	17.5	15.9	1.8	16.3	15.1	1.9		
89.6		66.2	24.1	19.6	1.9	24.8	21.2	2.2	24.3	21.0	2.4	19.8	17.5	2.0	18.6	16.7	1.9	17.4	15.9	1.9		
		73.4	25.3	18.1	1.9	26.1	19.6	2.2	25.6	19.4	2.4	20.9	16.2	2.0	19.6	15.5	1.9	18.3	14.7	2.0		
		48.2	14.0	7.2	1.3	14.4	7.8	1.6	14.1	7.7	1.7	11.5	6.4	1.4	10.8	6.1	1.3	10.1	5.8	1.4		
Low		689	64.4	53.6	14.5	4.7	1.4	14.9	5.1	1.7	14.6	5.0	1.8	11.9	4.2	1.5	11.2	4.0	1.4	10.5	3.8	1.4
				59.0	17.5	4.8	1.5	18.0	5.2	1.8	17.6	5.2	2.0	14.4	4.3	1.6	13.5	4.1	1.5	12.6	3.9	1.6
				53.6	17.4	10.9	1.6	17.9	11.8	1.9	17.6	11.7	2.1	14.3	9.7	1.7	13.4	9.3	1.6	12.5	8.8	1.7
			69.8	59.0	17.8	8.9	1.7	18.3	9.7	1.9	18.0	9.6	2.1	14.7	8.0	1.8	13.8	7.6	1.7	12.8	7.2	1.7
				66.2	20.7	7.0	1.8	21.3	7.6	2.1	20.9	7.6	2.3	17.1	6.3	1.9	16.0	6.0	1.8	14.9	5.7	1.8
				60.8	18.6	11.2	1.7	19.2	12.1	1.9	18.8	12.0	2.1	15.3	10.0	1.8	14.4	9.6	1.7	13.4	9.1	1.7
	75.2		66.2	21.1	10.9	1.8	21.8	11.8	2.1	21.3	11.7	2.3	17.4	9.7	1.9	16.3	9.3	1.8	15.2	8.8	1.8	
			73.4	20.7	5.1	1.9	21.3	5.5	2.2	20.9	5.5	2.4	17.1	4.6	2.0	16.0	4.4	1.9	14.9	4.2	1.9	
			60.8	19.4	14.0	1.8	20.0	15.1	2.1	19.6	15.0	2.3	16.0	12.5	1.9	15.0	11.9	1.8	14.0	11.3	1.8	
	80.6		66.2	21.5	13.8	1.8	22.2	15.0	2.1	21.8	14.9	2.3	17.8	12.4	1.9	16.7	11.8	1.8	15.5	11.3	1.9	
			73.4	22.8	9.4	1.9	23.5	10.2	2.2	23.1	10.1	2.4	18.8	8.4	2.0	17.7	8.0	1.9	16.5	7.6	1.9	
			84.2	66.2	22.0	14.8	1.8	22.7	16.1	2.2	22.2	15.9	2.4	18.1	13.3	1.9	17.0	12.7	1.8	15.9	12.1	1.9
	86.0	60.8	20.4	15.6	1.8	21.0	16.9	2.1	20.6	16.7	2.3	16.8	13.9	1.9	15.8	13.3	1.8	14.7	12.7	1.8		
		66.2	22.2	15.8	1.8	22.9	17.2	2.2	22.4	17.0	2.4	18.3	14.2	1.9	17.2	13.5	1.8	16.0	12.9	1.9		
		73.4	23.3	13.0	1.9	24.0	14.1	2.2	23.5	13.9	2.4	19.2	11.6	2.0	18.0	11.1	1.9	16.8	10.5	1.9		
	89.6	60.8	21.5	16.9	1.8	22.1	18.3	2.1	21.7	18.1	2.3	17.7	15.1	1.9	16.6	14.4	1.8	15.5	13.7	1.9		
		66.2	22.8	17.8	1.9	23.5	19.3	2.2	23.1	19.1	2.4	18.8	15.9	2.0	17.7	15.2	1.9	16.5	14.4	1.9		
		73.4	25.3	17.3	1.9	26.1	18.8	2.2	25.6	18.6	2.4	20.9	15.5	2.0	19.6	14.8	1.9	18.3	14.1	2.0		

Outdoor Unit:GUHD30NK3C1O Indoor Unit:GKH30K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)															
		DB(°F)	WB(°F)	5			14			19.4			23			32			
				TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	977	64.4	48.2	10.2	4.5	0.9	10.4	4.6	0.9	10.5	4.7	0.9	10.7	4.9	0.9	10.8	5.0	1.0	
			53.6	10.6	2.9	0.9	10.8	3.0	0.9	10.9	3.1	1.0	11.1	3.2	1.0	11.2	3.3	1.0	
			59.0	12.8	3.0	1.0	13.0	3.1	1.0	13.2	3.2	1.1	13.3	3.3	1.1	13.5	3.4	1.1	
		69.8	53.6	12.7	6.8	1.1	12.9	7.0	1.1	13.1	7.2	1.1	13.3	7.4	1.1	13.5	7.6	1.1	
			59.0	13.0	5.5	1.1	13.2	5.7	1.1	13.4	5.9	1.1	13.6	6.0	1.2	13.8	6.2	1.2	
			66.2	15.1	4.4	1.2	15.4	4.5	1.2	15.6	4.6	1.2	15.8	4.8	1.2	16.1	4.9	1.3	
		75.2	60.8	13.6	7.0	1.1	13.8	7.2	1.1	14.0	7.4	1.1	14.2	7.6	1.2	14.4	7.8	1.2	
			66.2	15.4	6.8	1.2	15.7	7.0	1.2	15.9	7.2	1.2	16.2	7.4	1.3	16.4	7.6	1.3	
			73.4	15.1	3.2	1.2	15.4	3.3	1.3	15.6	3.4	1.3	15.8	3.5	1.3	16.1	3.6	1.3	
		80.6	60.8	14.2	8.7	1.2	14.4	8.9	1.2	14.6	9.2	1.2	14.8	9.5	1.2	15.0	9.7	1.2	
			66.2	15.8	8.6	1.2	16.0	8.9	1.2	16.2	9.1	1.2	16.5	9.4	1.3	16.7	9.7	1.3	
			73.4	16.7	5.9	1.2	17.0	6.0	1.2	17.2	6.2	1.3	17.5	6.4	1.3	17.7	6.6	1.3	
	84.2	66.2	16.1	9.2	1.2	16.3	9.5	1.2	16.6	9.8	1.3	16.8	10.1	1.3	17.1	10.3	1.3		
		60.8	14.9	9.7	1.2	15.2	10.0	1.2	15.4	10.3	1.2	15.6	10.6	1.2	15.8	10.9	1.3		
		66.2	16.2	9.9	1.2	16.5	10.2	1.2	16.7	10.4	1.3	17.0	10.7	1.3	17.2	11.0	1.3		
	86.0	60.8	17.0	8.1	1.2	17.3	8.3	1.3	17.6	8.6	1.3	17.8	8.8	1.3	18.1	9.0	1.3		
		66.2	17.0	8.1	1.2	17.3	8.3	1.3	17.6	8.6	1.3	17.8	8.8	1.3	18.1	9.0	1.3		
		73.4	17.0	8.1	1.2	17.3	8.3	1.3	17.6	8.6	1.3	17.8	8.8	1.3	18.1	9.0	1.3		
	89.6	60.8	15.7	10.5	1.2	15.9	10.8	1.2	16.2	11.1	1.2	16.4	11.4	1.3	16.7	11.8	1.3		
		66.2	16.7	11.1	1.2	17.0	11.4	1.2	17.2	11.7	1.3	17.5	12.0	1.3	17.7	12.4	1.3		
		73.4	17.2	10.0	1.2	17.5	10.3	1.3	17.7	10.6	1.3	18.0	10.9	1.3	18.3	11.2	1.3		
	Medium	924	64.4	48.2	10.0	4.1	0.9	10.2	4.2	0.9	10.3	4.3	0.9	10.5	4.4	0.9	10.6	4.6	0.9
				53.6	10.4	2.7	0.9	10.5	2.7	0.9	10.7	2.8	1.0	10.9	2.9	1.0	11.0	3.0	1.0
				59.0	12.5	2.7	1.0	12.7	2.8	1.0	12.9	2.9	1.0	13.1	3.0	1.1	13.3	3.1	1.1
69.8			53.6	12.5	6.2	1.1	12.6	6.4	1.1	12.8	6.5	1.1	13.0	6.7	1.1	13.2	6.9	1.1	
			59.0	12.8	5.1	1.1	12.9	5.2	1.1	13.1	5.4	1.1	13.3	5.5	1.1	13.5	5.7	1.2	
			66.2	14.8	4.0	1.2	15.1	4.1	1.2	15.3	4.2	1.2	15.5	4.4	1.2	15.7	4.5	1.2	
75.2			60.8	13.3	6.3	1.1	13.5	6.5	1.1	13.7	6.7	1.1	13.9	6.9	1.1	14.1	7.1	1.2	
			66.2	15.1	6.2	1.2	15.4	6.3	1.2	15.6	6.5	1.2	15.8	6.7	1.2	16.1	6.9	1.3	
			73.4	14.8	2.9	1.2	15.1	3.0	1.2	15.3	3.1	1.3	15.5	3.2	1.3	15.7	3.2	1.3	
80.6			60.8	13.9	7.9	1.2	14.1	8.2	1.2	14.3	8.4	1.2	14.5	8.6	1.2	14.7	8.9	1.2	
			66.2	15.4	7.9	1.2	15.7	8.1	1.2	15.9	8.3	1.2	16.2	8.6	1.3	16.4	8.8	1.3	
			73.4	16.4	5.3	1.2	16.6	5.5	1.2	16.9	5.6	1.3	17.1	5.8	1.3	17.4	6.0	1.3	
84.2		66.2	15.8	8.4	1.2	16.0	8.7	1.2	16.2	8.9	1.2	16.5	9.2	1.3	16.7	9.4	1.3		
		60.8	14.6	8.8	1.2	14.9	9.1	1.2	15.1	9.4	1.2	15.3	9.6	1.2	15.5	9.9	1.2		
		66.2	15.9	9.0	1.2	16.2	9.3	1.2	16.4	9.5	1.2	16.6	9.8	1.3	16.9	10.1	1.3		
86.0		60.8	16.7	7.4	1.2	17.0	7.6	1.2	17.2	7.8	1.3	17.5	8.0	1.3	17.7	8.2	1.3		
		66.2	16.7	7.4	1.2	17.0	7.6	1.2	17.2	7.8	1.3	17.5	8.0	1.3	17.7	8.2	1.3		
		73.4	16.7	7.4	1.2	17.0	7.6	1.2	17.2	7.8	1.3	17.5	8.0	1.3	17.7	8.2	1.3		
89.6		60.8	15.4	9.6	1.2	15.6	9.9	1.2	15.9	10.1	1.2	16.1	10.4	1.3	16.3	10.7	1.3		
		66.2	16.4	10.1	1.2	16.6	10.4	1.2	16.9	10.7	1.3	17.1	11.0	1.3	17.4	11.3	1.3		
		73.4	17.2	9.3	1.2	17.5	9.6	1.3	17.7	9.9	1.3	18.0	10.2	1.3	18.3	10.4	1.3		
Low		883	64.4	48.2	9.5	3.7	0.9	9.6	3.8	0.9	9.8	3.9	0.9	9.9	4.0	0.9	10.1	4.1	0.9
				53.6	9.9	2.4	0.9	10.0	2.5	0.9	10.2	2.6	0.9	10.3	2.6	1.0	10.5	2.7	1.0
				59.0	11.9	2.5	1.0	12.1	2.6	1.0	12.2	2.6	1.0	12.4	2.7	1.1	12.6	2.8	1.1
	69.8		53.6	11.8	5.6	1.0	12.0	5.8	1.1	12.2	5.9	1.1	12.4	6.1	1.1	12.5	6.3	1.1	
			59.0	12.1	4.6	1.1	12.3	4.7	1.1	12.5	4.9	1.1	12.7	5.0	1.1	12.8	5.1	1.1	
			66.2	14.1	3.6	1.2	14.3	3.7	1.2	14.5	3.8	1.2	14.7	4.0	1.2	14.9	4.1	1.2	
	75.2		60.8	12.6	5.8	1.1	12.8	5.9	1.1	13.0	6.1	1.1	13.2	6.3	1.1	13.4	6.5	1.1	
			66.2	14.4	5.6	1.2	14.6	5.8	1.2	14.8	5.9	1.2	15.0	6.1	1.2	15.2	6.3	1.2	
			73.4	14.1	2.6	1.2	14.3	2.7	1.2	14.5	2.8	1.3	14.7	2.9	1.3	14.9	2.9	1.3	
	80.6		60.8	13.2	7.2	1.1	13.4	7.4	1.2	13.6	7.6	1.2	13.8	7.8	1.2	14.0	8.1	1.2	
			66.2	14.7	7.1	1.2	14.9	7.3	1.2	15.1	7.6	1.2	15.3	7.8	1.2	15.5	8.0	1.3	
			73.4	15.5	4.8	1.2	15.8	5.0	1.2	16.0	5.1	1.2	16.2	5.3	1.3	16.5	5.4	1.3	
	84.2	66.2	15.0	7.6	1.2	15.2	7.9	1.2	15.4	8.1	1.2	15.6	8.3	1.3	15.9	8.6	1.3		
		60.8	13.9	8.0	1.2	14.1	8.3	1.2	14.3	8.5	1.2	14.5	8.8	1.2	14.7	9.0	1.2		
		66.2	15.1	8.2	1.2	15.3	8.4	1.2	15.6	8.6	1.2	15.8	8.9	1.3	16.0	9.1	1.3		
	86.0	60.8	15.9	6.7	1.2	16.1	6.9	1.2	16.3	7.1	1.3	16.6	7.3	1.3	16.8	7.5	1.3		
		66.2	15.9	6.7	1.2	16.1	6.9	1.2	16.3	7.1	1.3	16.6	7.3	1.3	16.8	7.5	1.3		
		73.4	15.9	6.7	1.2	16.1	6.9	1.2	16.3	7.1	1.3	16.6	7.3	1.3	16.8	7.5	1.3		
	89.6	60.8	14.6	8.7	1.2	14.8	8.9	1.2	15.0	9.2	1.2	15.3	9.5	1.2	15.5	9.7	1.3		
		66.2	15.5	9.2	1.2	15.8	9.4	1.2	16.0	9.7	1.2	16.2	10.0	1.3	16.5	10.3	1.3		
		73.4	17.2	8.9	1.2	17.5	9.2	1.3	17.7	9.5	1.3	18.0	9.7	1.3	18.3	10.0	1.3		

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Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																	
				41			50			59			64.4			69.8			77		
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
High	977	64.4	48.2	11.0	5.1	1.0	11.1	5.3	1.0	11.3	5.4	1.0	11.6	5.6	1.0	12.4	6.4	1.1	14.4	7.9	1.2
			53.6	11.4	3.4	1.0	11.6	3.4	1.0	11.7	3.5	1.0	12.0	3.7	1.1	12.8	4.2	1.2	14.9	5.1	1.3
			59.0	13.7	3.5	1.1	13.9	3.6	1.1	14.1	3.6	1.1	14.5	3.8	1.2	15.5	4.3	1.3	18.0	5.3	1.4
		69.8	53.6	13.7	7.8	1.2	13.9	8.0	1.2	14.1	8.2	1.2	14.4	8.6	1.3	15.4	9.7	1.4	17.9	11.9	1.5
			59.0	14.0	6.4	1.2	14.2	6.6	1.2	14.4	6.7	1.2	14.8	7.0	1.3	15.8	7.9	1.4	18.3	9.8	1.5
			66.2	16.3	5.0	1.3	16.5	5.2	1.3	16.7	5.3	1.3	17.2	5.5	1.4	18.3	6.3	1.5	21.3	7.7	1.6
		75.2	60.8	14.6	8.0	1.2	14.8	8.2	1.2	15.0	8.4	1.2	15.4	8.8	1.3	16.5	10.0	1.4	19.2	12.3	1.5
			66.2	16.6	7.8	1.3	16.9	8.0	1.3	17.1	8.2	1.3	17.6	8.5	1.4	18.7	9.7	1.5	21.8	11.9	1.6
			73.4	16.3	3.7	1.3	16.5	3.8	1.4	16.7	3.9	1.4	17.2	4.0	1.5	18.4	4.6	1.6	21.3	5.6	1.7
		80.6	60.8	15.3	10.0	1.3	15.5	10.3	1.3	15.7	10.6	1.3	16.1	11.0	1.4	17.2	12.4	1.5	20.0	15.3	1.6
			66.2	17.0	9.9	1.3	17.2	10.2	1.3	17.4	10.5	1.4	17.9	10.9	1.4	19.1	12.3	1.5	22.2	15.2	1.6
			73.4	18.0	6.7	1.3	18.2	6.9	1.4	18.5	7.1	1.4	19.0	7.4	1.4	20.3	8.4	1.6	23.5	10.3	1.7
		84.2	66.2	17.3	10.6	1.3	17.5	10.9	1.3	17.8	11.2	1.4	18.3	11.7	1.4	19.5	13.2	1.5	22.7	16.3	1.7
			60.8	16.1	11.2	1.3	16.3	11.5	1.3	16.5	11.8	1.3	17.0	12.3	1.4	18.1	13.9	1.5	21.0	17.1	1.6
			66.2	17.5	11.3	1.3	17.7	11.7	1.3	18.0	12.0	1.4	18.5	12.5	1.4	19.7	14.1	1.5	22.9	17.4	1.7
		86.0	73.4	18.3	9.3	1.3	18.6	9.5	1.4	18.9	9.8	1.4	19.4	10.2	1.5	20.7	11.6	1.6	24.0	14.2	1.7
			60.8	16.9	12.1	1.3	17.1	12.4	1.3	17.4	12.7	1.4	17.8	13.3	1.4	19.0	15.0	1.5	22.1	18.5	1.6
			66.2	18.0	12.7	1.3	18.2	13.1	1.4	18.5	13.4	1.4	19.0	14.0	1.4	20.3	15.8	1.6	23.5	19.5	1.7
		89.6	73.4	18.5	11.5	1.3	18.8	11.9	1.4	19.0	12.2	1.4	19.6	12.7	1.5	20.9	14.3	1.6	24.3	17.7	1.7
			60.8	15.7	10.2	1.3	16.0	10.5	1.3	16.2	10.7	1.3	16.6	11.2	1.4	17.7	12.7	1.5	20.6	15.6	1.6
			66.2	17.1	10.3	1.3	17.4	10.6	1.3	17.6	10.9	1.4	18.1	11.3	1.4	19.3	12.9	1.5	22.4	15.8	1.6
Medium	924	64.4	48.2	10.8	4.7	1.0	10.9	4.8	1.0	11.1	4.9	1.0	11.4	5.1	1.0	12.1	5.8	1.1	14.1	7.2	1.2
			53.6	11.2	3.1	1.0	11.3	3.1	1.0	11.5	3.2	1.0	11.8	3.4	1.1	12.6	3.8	1.2	14.6	4.7	1.3
			59.0	13.5	3.2	1.1	13.7	3.2	1.1	13.8	3.3	1.1	14.2	3.5	1.2	15.2	3.9	1.3	17.6	4.8	1.4
		69.8	53.6	13.4	7.1	1.2	13.6	7.3	1.2	13.8	7.5	1.2	14.2	7.8	1.3	15.1	8.8	1.3	17.6	10.9	1.4
			59.0	13.7	5.8	1.2	13.9	6.0	1.2	14.1	6.1	1.2	14.5	6.4	1.3	15.5	7.2	1.4	18.0	8.9	1.5
			66.2	16.0	4.6	1.3	16.2	4.7	1.3	16.4	4.9	1.3	16.9	5.1	1.4	18.0	5.7	1.5	20.9	7.0	1.6
		75.2	60.8	14.3	7.3	1.2	14.5	7.5	1.2	14.7	7.7	1.2	15.1	8.0	1.3	16.1	9.1	1.4	18.8	11.2	1.5
			66.2	16.3	7.1	1.3	16.5	7.3	1.3	16.7	7.5	1.3	17.2	7.8	1.4	18.4	8.8	1.5	21.3	10.9	1.6
			73.4	16.0	3.3	1.3	16.2	3.4	1.4	16.4	3.5	1.4	16.9	3.7	1.4	18.0	4.1	1.6	20.9	5.1	1.7
		80.6	60.8	15.0	9.1	1.3	15.2	9.4	1.3	15.4	9.6	1.3	15.8	10.0	1.4	16.9	11.3	1.5	19.6	14.0	1.6
			66.2	16.6	9.0	1.3	16.9	9.3	1.3	17.1	9.5	1.3	17.6	9.9	1.4	18.7	11.2	1.5	21.8	13.8	1.6
			73.4	17.6	6.1	1.3	17.9	6.3	1.3	18.1	6.5	1.4	18.6	6.7	1.4	19.8	7.6	1.5	23.1	9.4	1.7
		84.2	66.2	17.0	9.7	1.3	17.2	10.0	1.3	17.4	10.2	1.4	17.9	10.6	1.4	19.1	12.0	1.5	22.2	14.8	1.6
			60.8	15.7	10.2	1.3	16.0	10.5	1.3	16.2	10.7	1.3	16.6	11.2	1.4	17.7	12.7	1.5	20.6	15.6	1.6
			66.2	17.1	10.3	1.3	17.4	10.6	1.3	17.6	10.9	1.4	18.1	11.3	1.4	19.3	12.9	1.5	22.4	15.8	1.6
		86.0	73.4	18.0	8.5	1.3	18.2	8.7	1.4	18.5	8.9	1.4	19.0	9.3	1.4	20.3	10.5	1.6	23.5	13.0	1.7
			60.8	16.6	11.0	1.3	16.8	11.3	1.3	17.0	11.6	1.3	17.5	12.1	1.4	18.7	13.7	1.5	21.7	16.9	1.6
			66.2	17.6	11.6	1.3	17.9	11.9	1.3	18.1	12.2	1.4	18.6	12.7	1.4	19.8	14.4	1.5	23.1	17.8	1.7
		89.6	73.4	18.5	10.7	1.3	18.8	11.0	1.4	19.0	11.3	1.4	19.6	11.8	1.5	20.9	13.3	1.6	24.3	16.4	1.7
			48.2	10.2	4.3	0.9	10.4	4.4	1.0	10.5	4.5	1.0	10.8	4.7	1.0	11.5	5.3	1.1	13.4	6.5	1.2
			53.6	10.6	2.8	1.0	10.8	2.9	1.0	10.9	2.9	1.0	11.2	3.0	1.1	11.9	3.5	1.2	13.9	4.3	1.2
69.8	59.0	12.8	2.9	1.1	13.0	2.9	1.1	13.1	3.0	1.1	13.5	3.1	1.2	14.4	3.6	1.3	16.7	4.4	1.4		
	53.6	12.7	6.5	1.1	12.9	6.6	1.2	13.1	6.8	1.2	13.4	7.1	1.2	14.3	8.0	1.3	16.7	9.9	1.4		
	59.0	13.0	5.3	1.2	13.2	5.4	1.2	13.4	5.6	1.2	13.8	5.8	1.3	14.7	6.6	1.4	17.1	8.1	1.5		
75.2	66.2	15.1	4.2	1.3	15.4	4.3	1.3	15.6	4.4	1.3	16.0	4.6	1.4	17.1	5.2	1.5	19.8	6.4	1.6		
	60.8	13.6	6.6	1.2	13.8	6.8	1.2	14.0	7.0	1.2	14.4	7.3	1.3	15.3	8.2	1.4	17.8	10.2	1.5		
	66.2	15.5	6.4	1.3	15.7	6.6	1.3	15.9	6.8	1.3	16.3	7.1	1.4	17.4	8.0	1.5	20.2	9.9	1.6		
80.6	73.4	15.1	3.0	1.3	15.4	3.1	1.3	15.6	3.2	1.4	16.0	3.3	1.4	17.1	3.8	1.5	19.8	4.6	1.6		
	60.8	14.2	8.3	1.2	14.4	8.5	1.3	14.6	8.7	1.3	15.0	9.1	1.3	16.0	10.3	1.5	18.6	12.7	1.6		
	66.2	15.8	8.2	1.3	16.0	8.4	1.3	16.2	8.7	1.3	16.7	9.0	1.4	17.8	10.2	1.5	20.7	12.6	1.6		
84.2	73.4	16.7	5.6	1.3	17.0	5.7	1.3	17.2	5.9	1.4	17.7	6.1	1.4	18.8	6.9	1.5	21.9	8.5	1.6		
	66.2	16.1	8.8	1.3	16.3	9.0	1.3	16.5	9.3	1.3	17.0	9.7	1.4	18.1	10.9	1.5	21.1	13.5	1.6		
	60.8	14.9	9.2	1.3	15.2	9.5	1.3	15.4	9.8	1.3	15.8	10.1	1.4	16.8	11.5	1.5	19.6	14.2	1.6		
86.0	66.2	16.2	9.4	1.3	16.5	9.6	1.3	16.7	9.9	1.3	17.2	10.3	1.4	18.3	11.7	1.5	21.3	14.4	1.6		
	73.4	17.1	7.7	1.3	17.3	7.9	1.3	17.5	8.1	1.4	18.0	8.4	1.4	19.2	9.6	1.5	22.3	11.8	1.7		
	60.8	15.7	10.0	1.3	15.9	10.3	1.3	16.2	10.6	1.3	16.6	11.0	1.4	17.7	12.4	1.5	20.6	15.3	1.6		
89.6	66.2	16.7	10.5	1.3	17.0	10.8	1.3	17.2	11.1	1.4	17.7	11.6	1.4	18.8	13.1	1.5	21.9	16.1	1.6		
	73.4	18.5	10.3	1.3	18.8	10.5	1.4	19.0	10.8	1.4	19.6	11.3	1.5	20.9	12.8	1.6	24.3	15.7	1.7		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																	
				86			95			102.2			109.4			114.8			118.4		
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
High	977	64.4	48.2	15.0	8.7	1.4	15.5	9.4	1.6	15.2	9.3	1.8	12.4	7.8	1.5	11.6	7.4	1.4	10.8	7.0	1.4
			53.6	15.6	5.7	1.4	16.1	6.1	1.7	15.7	6.1	1.8	12.8	5.1	1.5	12.0	4.8	1.4	11.2	4.6	1.5
			59.0	18.8	5.8	1.6	19.3	6.3	1.9	19.0	6.3	2.0	15.5	5.2	1.7	14.5	5.0	1.6	13.5	4.7	1.6
		69.8	53.6	18.7	13.2	1.7	19.3	14.3	1.9	18.9	14.1	2.1	15.4	11.8	1.7	14.4	11.2	1.7	13.5	10.7	1.7
			59.0	19.1	10.8	1.7	19.7	11.7	2.0	19.3	11.6	2.2	15.8	9.6	1.8	14.8	9.2	1.7	13.8	8.7	1.7
			66.2	22.2	8.5	1.8	22.9	9.2	2.1	22.5	9.1	2.3	18.3	7.6	1.9	17.2	7.3	1.8	16.1	6.9	1.9
		75.2	60.8	20.0	13.5	1.7	20.6	14.7	2.0	20.2	14.5	2.2	16.5	12.1	1.8	15.4	11.5	1.7	14.4	11.0	1.7
			66.2	22.7	13.1	1.8	23.4	14.2	2.2	22.9	14.1	2.4	18.7	11.7	1.9	17.6	11.2	1.8	16.4	10.7	1.9
			73.4	22.3	6.2	1.9	22.9	6.7	2.2	22.5	6.6	2.4	18.4	5.5	2.0	17.2	5.3	1.9	16.1	5.0	2.0
		80.6	60.8	20.9	16.9	1.8	21.5	18.3	2.1	21.1	18.1	2.3	17.2	15.1	1.9	16.1	14.4	1.8	15.0	13.7	1.8
			66.2	23.2	16.7	1.9	23.9	18.2	2.2	23.4	18.0	2.4	19.1	15.0	2.0	17.9	14.3	1.9	16.7	13.6	1.9
			73.4	24.6	11.3	1.9	25.3	12.3	2.2	24.8	12.2	2.4	20.3	10.1	2.0	19.0	9.7	1.9	17.7	9.2	1.9
		84.2	66.2	23.6	17.9	1.9	24.4	19.4	2.2	23.9	19.2	2.4	19.5	16.0	2.0	18.3	15.3	1.9	17.1	14.6	1.9
			60.8	22.0	18.8	1.8	22.6	20.4	2.1	22.2	20.2	2.3	18.1	16.8	1.9	17.0	16.1	1.8	15.8	15.3	1.9
			66.2	23.9	19.1	1.9	24.6	20.8	2.2	24.1	20.5	2.4	19.7	17.1	2.0	18.5	16.3	1.9	17.2	15.5	1.9
		86.0	73.4	25.1	15.7	1.9	25.8	17.0	2.2	25.3	16.8	2.4	20.7	14.0	2.0	19.4	13.4	1.9	18.1	12.7	2.0
			60.8	23.1	20.4	1.9	23.8	22.1	2.2	23.3	21.9	2.4	19.0	18.2	2.0	17.8	17.4	1.9	16.7	16.6	1.9
			66.2	24.6	21.5	1.9	25.3	23.3	2.2	24.8	23.0	2.4	20.3	19.2	2.0	19.0	18.3	1.9	17.7	17.4	1.9
89.6	73.4	25.3	19.4	1.9	26.1	21.1	2.2	25.6	20.9	2.4	20.9	17.4	2.0	19.6	16.6	1.9	18.3	15.8	2.0		
	48.2	14.7	7.9	1.4	15.2	8.6	1.6	14.9	8.5	1.7	12.1	7.1	1.4	11.4	6.8	1.4	10.6	6.4	1.4		
	53.6	15.3	5.2	1.4	15.7	5.6	1.7	15.4	5.5	1.8	12.6	4.6	1.5	11.8	4.4	1.4	11.0	4.2	1.5		
Medium	924	64.4	59.0	18.4	5.3	1.6	19.0	5.8	1.8	18.6	5.7	2.0	15.2	4.7	1.7	14.2	4.5	1.6	13.3	4.3	1.6
			53.6	18.3	12.0	1.6	18.9	13.0	1.9	18.5	12.9	2.1	15.1	10.7	1.7	14.2	10.2	1.6	13.2	9.7	1.7
			59.0	18.7	9.8	1.7	19.3	10.6	2.0	18.9	10.5	2.1	15.5	8.8	1.8	14.5	8.4	1.7	13.5	8.0	1.7
		69.8	66.2	21.8	7.8	1.8	22.5	8.4	2.1	22.0	8.3	2.3	18.0	6.9	1.9	16.9	6.6	1.8	15.7	6.3	1.8
			60.8	19.6	12.3	1.7	20.2	13.4	2.0	19.8	13.2	2.1	16.1	11.0	1.8	15.1	10.5	1.7	14.1	10.0	1.7
			66.2	22.3	12.0	1.8	22.9	13.0	2.1	22.5	12.8	2.3	18.4	10.7	1.9	17.2	10.2	1.8	16.1	9.7	1.9
		75.2	73.4	21.8	5.6	1.9	22.5	6.1	2.2	22.0	6.0	2.4	18.0	5.0	2.0	16.9	4.8	1.9	15.7	4.6	1.9
			60.8	20.4	15.4	1.8	21.1	16.7	2.1	20.6	16.5	2.3	16.9	13.7	1.9	15.8	13.1	1.8	14.7	12.5	1.8
			66.2	22.7	15.2	1.8	23.4	16.5	2.2	22.9	16.4	2.4	18.7	13.6	1.9	17.6	13.0	1.8	16.4	12.4	1.9
		80.6	73.4	24.1	10.3	1.9	24.8	11.2	2.2	24.3	11.1	2.4	19.8	9.2	2.0	18.6	8.8	1.9	17.4	8.4	1.9
			66.2	23.2	16.3	1.9	23.9	17.7	2.2	23.4	17.5	2.4	19.1	14.6	2.0	17.9	14.0	1.9	16.7	13.3	1.9
			60.8	21.5	17.2	1.8	22.2	18.6	2.1	21.7	18.4	2.3	17.7	15.3	1.9	16.6	14.7	1.8	15.5	13.9	1.8
		86.0	66.2	23.4	17.4	1.9	24.1	18.9	2.2	23.6	18.7	2.4	19.3	15.6	2.0	18.1	14.9	1.9	16.9	14.2	1.9
			73.4	24.6	14.3	1.9	25.3	15.5	2.2	24.8	15.3	2.4	20.3	12.8	2.0	19.0	12.2	1.9	17.7	11.6	1.9
			60.8	22.6	18.6	1.8	23.3	20.1	2.2	22.9	19.9	2.4	18.7	16.6	1.9	17.5	15.9	1.8	16.3	15.1	1.9
		89.6	66.2	24.1	19.6	1.9	24.8	21.2	2.2	24.3	21.0	2.4	19.8	17.5	2.0	18.6	16.7	1.9	17.4	15.9	1.9
			73.4	25.3	18.1	1.9	26.1	19.6	2.2	25.6	19.4	2.4	20.9	16.2	2.0	19.6	15.5	1.9	18.3	14.7	2.0
			48.2	14.0	7.2	1.3	14.4	7.8	1.6	14.1	7.7	1.7	11.5	6.4	1.4	10.8	6.1	1.3	10.1	5.8	1.4
Low	883	64.4	53.6	14.5	4.7	1.4	14.9	5.1	1.7	14.6	5.0	1.8	11.9	4.2	1.5	11.2	4.0	1.4	10.5	3.8	1.4
			59.0	17.5	4.8	1.5	18.0	5.2	1.8	17.6	5.2	2.0	14.4	4.3	1.6	13.5	4.1	1.5	12.6	3.9	1.6
			53.6	17.4	10.9	1.6	17.9	11.8	1.9	17.6	11.7	2.1	14.3	9.7	1.7	13.4	9.3	1.6	12.5	8.8	1.7
		69.8	59.0	17.8	8.9	1.7	18.3	9.7	1.9	18.0	9.6	2.1	14.7	8.0	1.8	13.8	7.6	1.7	12.8	7.2	1.7
			66.2	20.7	7.0	1.8	21.3	7.6	2.1	20.9	7.6	2.3	17.1	6.3	1.9	16.0	6.0	1.8	14.9	5.7	1.8
			60.8	18.6	11.2	1.7	19.2	12.1	1.9	18.8	12.0	2.1	15.3	10.0	1.8	14.4	9.6	1.7	13.4	9.1	1.7
		75.2	66.2	21.1	10.9	1.8	21.8	11.8	2.1	21.3	11.7	2.3	17.4	9.7	1.9	16.3	9.3	1.8	15.2	8.8	1.8
			73.4	20.7	5.1	1.9	21.3	5.5	2.2	20.9	5.5	2.4	17.1	4.6	2.0	16.0	4.4	1.9	14.9	4.2	1.9
			60.8	19.4	14.0	1.8	20.0	15.1	2.1	19.6	15.0	2.3	16.0	12.5	1.9	15.0	11.9	1.8	14.0	11.3	1.8
		80.6	66.2	21.5	13.8	1.8	22.2	15.0	2.1	21.8	14.9	2.3	17.8	12.4	1.9	16.7	11.8	1.8	15.5	11.3	1.9
			73.4	22.8	9.4	1.9	23.5	10.2	2.2	23.1	10.1	2.4	18.8	8.4	2.0	17.7	8.0	1.9	16.5	7.6	1.9
			66.2	22.0	14.8	1.8	22.7	16.1	2.2	22.2	15.9	2.4	18.1	13.3	1.9	17.0	12.7	1.8	15.9	12.1	1.9
		84.2	60.8	20.4	15.6	1.8	21.0	16.9	2.1	20.6	16.7	2.3	16.8	13.9	1.9	15.8	13.3	1.8	14.7	12.7	1.8
			66.2	22.2	15.8	1.8	22.9	17.2	2.2	22.4	17.0	2.4	18.3	14.2	1.9	17.2	13.5	1.8	16.0	12.9	1.9
			73.4	23.3	13.0	1.9	24.0	14.1	2.2	23.5	13.9	2.4	19.2	11.6	2.0	18.0	11.1	1.9	16.8	10.5	1.9
		86.0	60.8	21.5	16.9	1.8	22.1	18.3	2.1	21.7	18.1	2.3	17.7	15.1	1.9	16.6	14.4	1.8	15.5	13.7	1.9
			66.2	22.8	17.8	1.9	23.5	19.3	2.2	23.1	19.1	2.4	18.8	15.9	2.0	17.7	15.2	1.9	16.5	14.4	1.9
			73.4	25.3	17.3	1.9	26.1	18.8	2.2	25.6	18.6	2.4	20.9	15.5	2.0	19.6	14.8	1.9	18.3	14.1	2.0

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD36NK3C10/GUHD36NM3C10 Indoor Unit:GKH36K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																
				5			14			19.4			23			32				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	977	64.4	48.2	14.6	6.4	1.3	14.8	6.6	1.3	15.0	6.8	1.4	15.3	7.0	1.4	15.5	7.1	1.4		
			53.6	15.1	4.2	1.4	15.4	4.3	1.4	15.6	4.4	1.4	15.8	4.5	1.4	16.1	4.7	1.5		
			59.0	18.2	4.3	1.5	18.5	4.4	1.5	18.8	4.5	1.6	19.1	4.7	1.6	19.3	4.8	1.6		
		69.8	53.6	18.2	9.7	1.6	18.4	10.0	1.6	18.7	10.3	1.6	19.0	10.6	1.7	19.3	10.8	1.7		
			59.0	18.6	7.9	1.6	18.9	8.2	1.6	19.2	8.4	1.7	19.4	8.6	1.7	19.7	8.9	1.7		
			66.2	21.6	6.3	1.7	21.9	6.5	1.8	22.3	6.6	1.8	22.6	6.8	1.8	22.9	7.0	1.9		
		75.2	60.8	19.4	9.9	1.6	19.7	10.2	1.6	20.0	10.5	1.7	20.3	10.8	1.7	20.6	11.1	1.7		
			66.2	22.1	9.7	1.7	22.4	9.9	1.8	22.7	10.2	1.8	23.1	10.5	1.8	23.4	10.8	1.9		
			73.4	21.6	4.5	1.8	22.0	4.7	1.9	22.3	4.8	1.9	22.6	4.9	1.9	22.9	5.1	1.9		
		80.6	60.8	20.3	12.4	1.7	20.6	12.8	1.7	20.9	13.2	1.8	21.2	13.5	1.8	21.5	13.9	1.8		
			66.2	22.5	12.3	1.8	22.9	12.7	1.8	23.2	13.0	1.8	23.5	13.4	1.9	23.9	13.8	1.9		
			73.4	23.9	8.4	1.8	24.2	8.6	1.8	24.6	8.9	1.9	25.0	9.1	1.9	25.3	9.4	1.9		
		84.2	66.2	23.0	13.2	1.8	23.3	13.6	1.8	23.7	14.0	1.8	24.0	14.4	1.9	24.4	14.8	1.9		
			60.8	21.3	13.9	1.7	21.7	14.3	1.8	22.0	14.7	1.8	22.3	15.1	1.8	22.6	15.5	1.9		
			66.2	23.2	14.1	1.8	23.5	14.5	1.8	23.9	14.9	1.8	24.2	15.3	1.9	24.6	15.8	1.9		
		86.0	73.4	24.4	11.5	1.8	24.7	11.9	1.9	25.1	12.2	1.9	25.5	12.6	1.9	25.8	12.9	2.0		
			60.8	22.4	15.0	1.8	22.8	15.4	1.8	23.1	15.9	1.8	23.5	16.3	1.9	23.8	16.8	1.9		
			66.2	23.9	15.8	1.8	24.2	16.3	1.8	24.6	16.7	1.9	25.0	17.2	1.9	25.3	17.7	1.9		
		89.6	73.4	24.6	14.3	1.8	25.0	14.7	1.9	25.3	15.2	1.9	25.7	15.6	1.9	26.1	16.0	2.0		
			60.8	22.4	15.0	1.8	22.8	15.4	1.8	23.1	15.9	1.8	23.5	16.3	1.9	23.8	16.8	1.9		
			66.2	23.9	15.8	1.8	24.2	16.3	1.8	24.6	16.7	1.9	25.0	17.2	1.9	25.3	17.7	1.9		
		Medium	924	64.4	48.2	14.3	5.8	1.3	14.5	6.0	1.3	14.7	6.2	1.3	15.0	6.3	1.4	15.2	6.5	1.4
					53.6	14.8	3.8	1.4	15.1	3.9	1.4	15.3	4.0	1.4	15.5	4.1	1.4	15.7	4.3	1.5
					59.0	17.9	3.9	1.5	18.1	4.0	1.5	18.4	4.1	1.5	18.7	4.3	1.6	19.0	4.4	1.6
69.8	53.6			17.8	8.8	1.6	18.1	9.1	1.6	18.3	9.4	1.6	18.6	9.6	1.6	18.9	9.9	1.7		
	59.0			18.2	7.2	1.6	18.5	7.4	1.6	18.8	7.6	1.7	19.0	7.9	1.7	19.3	8.1	1.7		
	66.2			21.2	5.7	1.7	21.5	5.9	1.7	21.8	6.1	1.8	22.1	6.2	1.8	22.5	6.4	1.8		
75.2	60.8			19.0	9.1	1.6	19.3	9.3	1.6	19.6	9.6	1.6	19.9	9.9	1.7	20.2	10.1	1.7		
	66.2			21.6	8.8	1.7	22.0	9.1	1.8	22.3	9.3	1.8	22.6	9.6	1.8	22.9	9.9	1.9		
	73.4			21.2	4.1	1.8	21.5	4.3	1.8	21.8	4.4	1.9	22.2	4.5	1.9	22.5	4.6	1.9		
80.6	60.8			19.9	11.3	1.7	20.2	11.7	1.7	20.5	12.0	1.8	20.8	12.3	1.8	21.1	12.7	1.8		
	66.2			22.1	11.2	1.7	22.4	11.6	1.8	22.7	11.9	1.8	23.1	12.2	1.8	23.4	12.6	1.9		
	73.4			23.4	7.6	1.8	23.7	7.8	1.8	24.1	8.1	1.8	24.5	8.3	1.9	24.8	8.5	1.9		
84.2	66.2			22.5	12.0	1.8	22.9	12.4	1.8	23.2	12.7	1.8	23.5	13.1	1.9	23.9	13.5	1.9		
	60.8			20.9	12.6	1.7	21.2	13.0	1.7	21.5	13.4	1.8	21.9	13.8	1.8	22.2	14.2	1.8		
	66.2			22.7	12.8	1.8	23.1	13.2	1.8	23.4	13.6	1.8	23.8	14.0	1.9	24.1	14.4	1.9		
86.0	73.4			23.9	10.5	1.8	24.2	10.8	1.8	24.6	11.1	1.9	25.0	11.5	1.9	25.3	11.8	1.9		
	60.8			22.0	13.7	1.7	22.3	14.1	1.8	22.7	14.5	1.8	23.0	14.9	1.8	23.3	15.3	1.9		
	66.2			23.4	14.4	1.8	23.7	14.8	1.8	24.1	15.3	1.8	24.5	15.7	1.9	24.8	16.1	1.9		
89.6	73.4			24.6	13.3	1.8	25.0	13.7	1.9	25.3	14.1	1.9	25.7	14.5	1.9	26.1	14.9	2.0		
	60.8			22.0	13.7	1.7	22.3	14.1	1.8	22.7	14.5	1.8	23.0	14.9	1.8	23.3	15.3	1.9		
	66.2			23.4	14.4	1.8	23.7	14.8	1.8	24.1	15.3	1.8	24.5	15.7	1.9	24.8	16.1	1.9		
Low	883			64.4	48.2	13.6	5.3	1.3	13.8	5.4	1.3	14.0	5.6	1.3	14.2	5.8	1.3	14.4	5.9	1.4
					53.6	14.1	3.4	1.3	14.3	3.6	1.4	14.5	3.7	1.4	14.7	3.8	1.4	14.9	3.9	1.4
					59.0	17.0	3.6	1.5	17.2	3.7	1.5	17.5	3.8	1.5	17.7	3.9	1.6	18.0	4.0	1.6
		69.8	53.6	16.9	8.0	1.5	17.1	8.3	1.6	17.4	8.5	1.6	17.7	8.7	1.6	17.9	9.0	1.7		
			59.0	17.3	6.6	1.6	17.6	6.8	1.6	17.8	6.9	1.6	18.1	7.1	1.7	18.3	7.3	1.7		
			66.2	20.1	5.2	1.7	20.4	5.3	1.7	20.7	5.5	1.8	21.0	5.7	1.8	21.3	5.8	1.8		
		75.2	60.8	18.1	8.2	1.6	18.3	8.5	1.6	18.6	8.7	1.6	18.9	9.0	1.7	19.2	9.2	1.7		
			66.2	20.5	8.0	1.7	20.8	8.2	1.7	21.1	8.5	1.8	21.5	8.7	1.8	21.8	9.0	1.8		
			73.4	20.1	3.8	1.8	20.4	3.9	1.8	20.7	4.0	1.8	21.0	4.1	1.9	21.3	4.2	1.9		
		80.6	60.8	18.8	10.3	1.7	19.1	10.6	1.7	19.4	10.9	1.7	19.7	11.2	1.8	20.0	11.5	1.8		
			66.2	20.9	10.2	1.7	21.3	10.5	1.8	21.6	10.8	1.8	21.9	11.1	1.8	22.2	11.4	1.9		
			73.4	22.2	6.9	1.8	22.5	7.1	1.8	22.9	7.3	1.8	23.2	7.5	1.9	23.5	7.7	1.9		
		84.2	66.2	21.4	10.9	1.7	21.7	11.2	1.8	22.0	11.6	1.8	22.3	11.9	1.8	22.7	12.2	1.9		
			60.8	19.8	11.5	1.7	20.1	11.8	1.7	20.4	12.2	1.8	20.7	12.5	1.8	21.0	12.9	1.8		
			66.2	21.6	11.7	1.7	21.9	12.0	1.8	22.2	12.3	1.8	22.6	12.7	1.8	22.9	13.1	1.9		
		86.0	73.4	22.6	9.6	1.8	23.0	9.8	1.8	23.3	10.1	1.8	23.7	10.4	1.9	24.0	10.7	1.9		
			60.8	20.9	12.4	1.7	21.2	12.8	1.8	21.5	13.2	1.8	21.8	13.5	1.8	22.1	13.9	1.9		
			66.2	22.2	13.1	1.8	22.5	13.5	1.8	22.9	13.9	1.8	23.2	14.2	1.9	23.5	14.6	1.9		
		89.6	73.4	24.6	12.7	1.8	25.0	13.1	1.9	25.3	13.5	1.9	25.7	13.9	1.9	26.1	14.3	2.0		
			60.8	20.9	12.4	1.7	21.2	12.8	1.8	21.5	13.2	1.8	21.8	13.5	1.8	22.1	13.9	1.9		
			66.2	22.2	13.1	1.8	22.5	13.5	1.8	22.9	13.9	1.8	23.2	14.2	1.9	23.5	14.6	1.9		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																		
				41			50			59			64.4			69.8			77			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	977	48.2		15.7	7.3	1.4	15.9	7.5	1.4	16.1	7.8	1.5	16.6	8.1	1.5	17.7	9.1	1.7	20.6	11.2	1.8	
		64.4	53.6	16.3	4.8	1.5	16.5	4.9	1.5	16.7	5.1	1.5	17.2	5.3	1.6	18.4	6.0	1.7	21.3	7.3	1.9	
			59.0	19.6	4.9	1.6	19.9	5.1	1.7	20.2	5.2	1.7	20.7	5.4	1.8	22.1	6.1	1.9	25.7	7.6	2.0	
			53.6	19.5	11.1	1.7	19.8	11.5	1.7	20.1	11.8	1.8	20.6	12.2	1.9	22.0	13.9	2.0	25.6	17.1	2.1	
			69.8	59.0	20.0	9.1	1.8	20.3	9.4	1.8	20.6	9.6	1.8	21.1	10.0	1.9	22.5	11.3	2.0	26.2	14.0	2.2
			66.2	23.3	7.2	1.9	23.6	7.4	1.9	23.9	7.6	2.0	24.6	7.9	2.0	26.2	9.0	2.2	30.5	11.0	2.4	
			60.8	20.9	11.4	1.8	21.2	11.8	1.8	21.5	12.1	1.8	22.1	12.6	1.9	23.5	14.2	2.0	27.4	17.5	2.2	
			75.2	66.2	23.7	11.1	1.9	24.1	11.4	1.9	24.4	11.7	2.0	25.1	12.2	2.1	26.8	13.8	2.2	31.1	17.0	2.4
			73.4	23.3	5.2	2.0	23.6	5.4	2.0	23.9	5.5	2.0	24.6	5.7	2.1	26.2	6.5	2.3	30.5	8.0	2.5	
		60.8	21.8	14.3	1.9	22.1	14.7	1.9	22.4	15.1	1.9	23.0	15.7	2.0	24.6	17.8	2.2	28.6	21.9	2.3		
		80.6	66.2	24.2	14.2	1.9	24.6	14.6	2.0	24.9	15.0	2.0	25.6	15.6	2.1	27.3	17.6	2.2	31.7	21.7	2.4	
		73.4	25.7	9.6	2.0	26.0	9.9	2.0	26.4	10.1	2.0	27.1	10.6	2.1	28.9	12.0	2.3	33.6	14.7	2.5		
		84.2	66.2	24.7	15.2	1.9	25.1	15.6	2.0	25.4	16.0	2.0	26.1	16.7	2.1	27.8	18.9	2.3	32.4	23.2	2.4	
		60.8	23.0	16.0	1.9	23.3	16.4	1.9	23.6	16.8	1.9	24.2	17.5	2.0	25.9	19.8	2.2	30.1	24.4	2.4		
		86.0	66.2	25.0	16.2	1.9	25.3	16.6	2.0	25.7	17.1	2.0	26.4	17.8	2.1	28.1	20.2	2.3	32.7	24.8	2.4	
		73.4	26.2	13.3	2.0	26.6	13.6	2.0	26.9	14.0	2.1	27.7	14.6	2.1	29.5	16.5	2.3	34.3	20.3	2.5		
		60.8	24.1	17.3	1.9	24.5	17.7	2.0	24.8	18.2	2.0	25.5	18.9	2.1	27.2	21.5	2.2	31.6	26.4	2.4		
		89.6	66.2	25.7	18.2	2.0	26.0	18.7	2.0	26.4	19.2	2.0	27.1	20.0	2.1	28.9	22.6	2.3	33.6	27.8	2.5	
	73.4	26.4	16.5	2.0	26.8	16.9	2.0	27.2	17.4	2.1	27.9	18.1	2.1	29.8	20.5	2.3	34.6	25.2	2.5			
Medium	924	48.2	15.4	6.7	1.4	15.6	6.9	1.4	15.8	7.1	1.5	16.3	7.3	1.5	17.3	8.3	1.6	20.2	10.3	1.8		
		64.4	53.6	16.0	4.4	1.5	16.2	4.5	1.5	16.4	4.6	1.5	16.9	4.8	1.6	18.0	5.4	1.7	20.9	6.7	1.8	
			59.0	19.2	4.5	1.6	19.5	4.6	1.6	19.8	4.7	1.7	20.3	4.9	1.8	21.7	5.6	1.9	25.2	6.9	2.0	
			53.6	19.1	10.2	1.7	19.4	10.4	1.7	19.7	10.7	1.8	20.2	11.2	1.8	21.6	12.6	2.0	25.1	15.6	2.1	
			69.8	59.0	19.6	8.3	1.7	19.9	8.5	1.8	20.2	8.8	1.8	20.7	9.1	1.9	22.1	10.3	2.0	25.7	12.7	2.2
			66.2	22.8	6.6	1.9	23.1	6.8	1.9	23.4	6.9	1.9	24.1	7.2	2.0	25.7	8.2	2.2	29.9	10.1	2.3	
			60.8	20.5	10.4	1.7	20.8	10.7	1.8	21.1	11.0	1.8	21.6	11.4	1.9	23.1	13.0	2.0	26.8	16.0	2.2	
			75.2	66.2	23.3	10.1	1.9	23.6	10.4	1.9	23.9	10.7	2.0	24.6	11.1	2.0	26.2	12.6	2.2	30.5	15.5	2.4
			73.4	22.8	4.8	2.0	23.1	4.9	2.0	23.4	5.0	2.0	24.1	5.2	2.1	25.7	5.9	2.3	29.9	7.3	2.5	
		60.8	21.4	13.0	1.8	21.7	13.4	1.9	22.0	13.7	1.9	22.6	14.3	2.0	24.1	16.2	2.2	28.0	19.9	2.3		
		80.6	66.2	23.7	12.9	1.9	24.1	13.3	1.9	24.4	13.6	2.0	25.1	14.2	2.1	26.8	16.1	2.2	31.1	19.8	2.4	
		73.4	25.2	8.8	1.9	25.5	9.0	2.0	25.9	9.2	2.0	26.6	9.6	2.1	28.4	10.9	2.3	33.0	13.4	2.4		
		84.2	66.2	24.2	13.8	1.9	24.6	14.2	2.0	24.9	14.6	2.0	25.6	15.2	2.1	27.3	17.2	2.2	31.7	21.2	2.4	
		60.8	22.5	14.5	1.9	22.8	14.9	1.9	23.1	15.3	1.9	23.8	16.0	2.0	25.3	18.1	2.2	29.5	22.3	2.3		
		86.0	66.2	24.5	14.8	1.9	24.8	15.2	2.0	25.1	15.6	2.0	25.8	16.2	2.1	27.6	18.4	2.2	32.0	22.6	2.4	
		73.4	25.7	12.1	2.0	26.0	12.4	2.0	26.4	12.8	2.0	27.1	13.3	2.1	28.9	15.0	2.3	33.6	18.5	2.5		
		60.8	23.7	15.7	1.9	24.0	16.2	1.9	24.3	16.6	2.0	25.0	17.3	2.1	26.7	19.6	2.2	31.0	24.1	2.4		
		89.6	66.2	25.2	16.6	1.9	25.5	17.0	2.0	25.9	17.5	2.0	26.6	18.2	2.1	28.4	20.6	2.3	33.0	25.4	2.4	
	73.4	26.4	15.3	2.0	26.8	15.7	2.0	27.2	16.2	2.1	27.9	16.8	2.1	29.8	19.1	2.3	34.6	23.5	2.5			
Low	883	48.2	14.6	6.1	1.4	14.8	6.2	1.4	15.0	6.4	1.4	15.4	6.7	1.5	16.4	7.6	1.6	19.1	9.3	1.7		
		64.4	53.6	15.1	4.0	1.5	15.4	4.1	1.5	15.6	4.2	1.5	16.0	4.4	1.6	17.1	4.9	1.7	19.8	6.1	1.8	
			59.0	18.2	4.1	1.6	18.5	4.2	1.6	18.8	4.3	1.7	19.3	4.5	1.7	20.6	5.1	1.9	23.9	6.3	2.0	
			53.6	18.2	9.2	1.7	18.4	9.5	1.7	18.7	9.7	1.7	19.2	10.1	1.8	20.5	11.5	2.0	23.8	14.1	2.1	
			69.8	59.0	18.6	7.5	1.7	18.9	7.8	1.7	19.1	8.0	1.8	19.6	8.3	1.9	21.0	9.4	2.0	24.4	11.6	2.2
			66.2	21.6	6.0	1.8	21.9	6.1	1.9	22.2	6.3	1.9	22.8	6.6	2.0	24.4	7.4	2.2	28.3	9.1	2.3	
			60.8	19.4	9.5	1.7	19.7	9.7	1.7	20.0	10.0	1.8	20.5	10.4	1.9	21.9	11.8	2.0	25.4	14.5	2.1	
			75.2	66.2	22.1	9.2	1.9	22.4	9.5	1.9	22.7	9.7	1.9	23.3	10.1	2.0	24.9	11.4	2.2	28.9	14.1	2.3
			73.4	21.6	4.3	1.9	21.9	4.4	2.0	22.2	4.6	2.0	22.9	4.7	2.1	24.4	5.4	2.3	28.3	6.6	2.4	
		60.8	20.3	11.8	1.8	20.6	12.2	1.9	20.8	12.5	1.9	21.4	13.0	2.0	22.8	14.7	2.1	26.6	18.1	2.3		
		80.6	66.2	22.5	11.7	1.9	22.8	12.1	1.9	23.2	12.4	2.0	23.8	12.9	2.0	25.4	14.6	2.2	29.5	18.0	2.4	
		73.4	23.9	8.0	1.9	24.2	8.2	2.0	24.6	8.4	2.0	25.2	8.7	2.1	26.9	9.9	2.2	31.3	12.2	2.4		
		84.2	66.2	23.0	12.6	1.9	23.3	12.9	1.9	23.6	13.3	2.0	24.3	13.8	2.1	25.9	15.6	2.2	30.1	19.2	2.4	
		60.8	21.3	13.2	1.8	21.6	13.6	1.9	22.0	13.9	1.9	22.6	14.5	2.0	24.1	16.4	2.2	28.0	20.2	2.3		
		86.0	66.2	23.2	13.4	1.9	23.5	13.8	1.9	23.9	14.2	2.0	24.5	14.7	2.1	26.1	16.7	2.2	30.4	20.5	2.4	
		73.4	24.4	11.0	1.9	24.7	11.3	2.0	25.1	11.6	2.0	25.7	12.1	2.1	27.5	13.7	2.3	31.9	16.8	2.4		
		60.8	22.4	14.3	1.9	22.8	14.7	1.9	23.1	15.1	1.9	23.7	15.7	2.0	25.3	17.8	2.2	29.4	21.9	2.4		
		89.6	66.2	23.9	15.0	1.9	24.2	15.5	2.0	24.6	15.9	2.0	25.2	16.5	2.1	26.9	18.7	2.2	31.3	23.0	2.4	
	73.4	26.4	14.7	2.0	26.8	15.1	2.0	27.2	15.5	2.1	27.9	16.1	2.1	29.8	18.2	2.3	34.6	22.5	2.5			

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																		
				86			95			102.2			109.4			114.8			118.4			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	977	64.4	48.2	21.4	12.4	2.0	22.1	13.4	2.4	21.7	13.3	2.6	17.7	11.1	2.1	16.6	10.6	2.0	15.5	10.1	2.1	
			53.6	22.3	8.1	2.1	22.9	8.8	2.5	22.5	8.7	2.7	18.4	7.2	2.2	17.2	6.9	2.1	16.1	6.6	2.2	
			59.0	26.8	8.3	2.3	27.6	9.0	2.7	27.1	8.9	3.0	22.1	7.4	2.5	20.7	7.1	2.3	19.3	6.8	2.4	
		69.8	53.6	26.7	18.8	2.4	27.5	20.4	2.9	27.0	20.2	3.1	22.0	16.8	2.6	20.6	16.1	2.4	19.3	15.3	2.5	
			59.0	27.3	15.4	2.5	28.2	16.7	2.9	27.6	16.5	3.2	22.5	13.7	2.6	21.1	13.1	2.5	19.7	12.5	2.5	
			66.2	31.8	12.2	2.7	32.8	13.2	3.1	32.1	13.1	3.4	26.2	10.9	2.8	24.6	10.4	2.7	22.9	9.9	2.7	
		75.2	60.8	28.5	19.3	2.5	29.4	20.9	2.9	28.8	20.7	3.2	23.5	17.2	2.6	22.1	16.5	2.5	20.6	15.7	2.5	
			66.2	32.4	18.7	2.7	33.4	20.3	3.2	32.8	20.1	3.5	26.8	16.8	2.9	25.1	16.0	2.7	23.4	15.2	2.8	
			73.4	31.8	8.8	2.8	32.8	9.6	3.3	32.1	9.5	3.6	26.2	7.9	3.0	24.6	7.5	2.8	22.9	7.2	2.9	
		80.6	60.8	29.8	24.1	2.6	30.7	26.1	3.1	30.1	25.9	3.4	24.6	21.5	2.8	23.0	20.6	2.6	21.5	19.6	2.7	
			66.2	33.1	23.9	2.7	34.1	25.9	3.2	33.4	25.7	3.5	27.3	21.4	2.9	25.6	20.4	2.7	23.9	19.4	2.8	
			73.4	35.1	16.2	2.8	36.2	17.6	3.3	35.4	17.4	3.6	28.9	14.5	2.9	27.1	13.9	2.8	25.3	13.2	2.8	
		84.2	66.2	33.8	25.6	2.8	34.8	27.8	3.2	34.1	27.5	3.5	27.8	22.9	2.9	26.1	21.9	2.8	24.4	20.8	2.8	
			60.8	31.4	26.9	2.7	32.3	29.2	3.1	31.7	28.9	3.4	25.9	24.0	2.8	24.2	23.0	2.7	22.6	21.9	2.7	
			66.2	34.1	27.3	2.8	35.1	29.6	3.2	34.4	29.3	3.5	28.1	24.4	2.9	26.4	23.3	2.8	24.6	22.2	2.8	
		86.0	73.4	35.8	22.4	2.8	36.9	24.3	3.3	36.2	24.0	3.6	29.5	20.0	3.0	27.7	19.1	2.8	25.8	18.2	2.9	
			60.8	33.0	29.1	2.7	34.0	31.6	3.2	33.3	31.3	3.5	27.2	26.0	2.9	25.5	24.9	2.7	23.8	23.7	2.8	
			66.2	35.1	30.6	2.8	36.2	33.3	3.3	35.4	32.9	3.6	28.9	27.4	2.9	27.1	26.2	2.8	25.3	24.9	2.8	
89.6	73.4	36.1	27.8	2.8	37.3	30.1	3.3	36.5	29.8	3.6	29.8	24.8	3.0	27.9	23.7	2.8	26.1	22.6	2.9			
	Medium	924	64.4	48.2	21.0	11.3	2.0	21.7	12.2	2.4	21.2	12.1	2.6	17.3	10.1	2.1	16.3	9.6	2.0	15.2	9.2	2.0
				53.6	21.8	7.4	2.1	22.5	8.0	2.5	22.0	7.9	2.7	18.0	6.6	2.2	16.9	6.3	2.1	15.7	6.0	2.1
59.0				26.3	7.6	2.3	27.1	8.2	2.7	26.5	8.1	2.9	21.7	6.8	2.4	20.3	6.5	2.3	19.0	6.2	2.4	
69.8			53.6	26.2	17.1	2.4	27.0	18.6	2.8	26.4	18.4	3.1	21.6	15.3	2.6	20.2	14.6	2.4	18.9	13.9	2.5	
			59.0	26.8	14.0	2.5	27.6	15.2	2.9	27.1	15.0	3.2	22.1	12.5	2.6	20.7	12.0	2.5	19.3	11.4	2.5	
			66.2	31.1	11.1	2.6	32.1	12.0	3.1	31.5	11.9	3.4	25.7	9.9	2.8	24.1	9.5	2.6	22.5	9.0	2.7	
75.2			60.8	28.0	17.6	2.5	28.8	19.1	2.9	28.3	18.9	3.2	23.1	15.7	2.6	21.6	15.0	2.5	20.2	14.3	2.5	
			66.2	31.8	17.1	2.7	32.8	18.5	3.1	32.1	18.3	3.4	26.2	15.3	2.8	24.6	14.6	2.7	22.9	13.9	2.7	
			73.4	31.2	8.0	2.8	32.1	8.7	3.3	31.5	8.6	3.6	25.7	7.2	2.9	24.1	6.9	2.8	22.5	6.5	2.8	
80.6			60.8	29.2	22.0	2.6	30.1	23.8	3.1	29.5	23.6	3.4	24.1	19.6	2.8	22.6	18.8	2.6	21.1	17.8	2.7	
			66.2	32.4	21.8	2.7	33.4	23.6	3.2	32.8	23.4	3.5	26.8	19.5	2.9	25.1	18.6	2.7	23.4	17.7	2.8	
			73.4	34.4	14.8	2.8	35.4	16.0	3.2	34.7	15.9	3.5	28.4	13.2	2.9	26.6	12.6	2.8	24.8	12.0	2.8	
84.2			66.2	33.1	23.3	2.7	34.1	25.3	3.2	33.4	25.1	3.5	27.3	20.9	2.9	25.6	19.9	2.7	23.9	19.0	2.8	
			60.8	30.7	24.5	2.6	31.7	26.6	3.1	31.1	26.3	3.4	25.3	21.9	2.8	23.8	20.9	2.6	22.2	19.9	2.7	
			66.2	33.4	24.9	2.7	34.4	27.0	3.2	33.8	26.7	3.5	27.6	22.3	2.9	25.8	21.3	2.7	24.1	20.2	2.8	
86.0			73.4	35.1	20.4	2.8	36.2	22.1	3.3	35.4	21.9	3.6	28.9	18.2	2.9	27.1	17.4	2.8	25.3	16.6	2.8	
			60.8	32.3	26.5	2.7	33.3	28.8	3.2	32.7	28.5	3.5	26.7	23.7	2.9	25.0	22.7	2.7	23.3	21.6	2.8	
			66.2	34.4	27.9	2.8	35.4	30.3	3.2	34.7	30.0	3.5	28.4	25.0	2.9	26.6	23.9	2.8	24.8	22.7	2.8	
89.6	73.4	36.1	25.8	2.8	37.3	28.0	3.3	36.5	27.8	3.6	29.8	23.1	3.0	27.9	22.1	2.8	26.1	21.0	2.9			
	Low	883	64.4	48.2	19.9	10.3	2.0	20.6	11.1	2.3	20.2	11.0	2.5	16.4	9.2	2.1	15.4	8.8	2.0	14.4	8.3	2.0
				53.6	20.7	6.7	2.1	21.3	7.3	2.4	20.9	7.2	2.7	17.1	6.0	2.2	16.0	5.7	2.1	14.9	5.4	2.1
59.0				24.9	6.9	2.3	25.7	7.5	2.7	25.2	7.4	2.9	20.6	6.2	2.4	19.3	5.9	2.3	18.0	5.6	2.3	
69.8			53.6	24.8	15.6	2.4	25.6	16.9	2.8	25.1	16.7	3.1	20.5	13.9	2.5	19.2	13.3	2.4	17.9	12.6	2.4	
			59.0	25.4	12.7	2.4	26.2	13.8	2.9	25.7	13.7	3.1	21.0	11.4	2.6	19.6	10.9	2.4	18.3	10.3	2.5	
			66.2	29.5	10.1	2.6	30.5	10.9	3.1	29.9	10.8	3.4	24.4	9.0	2.8	22.8	8.6	2.6	21.3	8.2	2.7	
75.2			60.8	26.5	16.0	2.4	27.4	17.3	2.9	26.8	17.1	3.1	21.9	14.3	2.6	20.5	13.6	2.4	19.2	13.0	2.5	
			66.2	30.2	15.5	2.6	31.1	16.8	3.1	30.5	16.7	3.4	24.9	13.9	2.8	23.3	13.3	2.6	21.8	12.6	2.7	
			73.4	29.6	7.3	2.8	30.5	7.9	3.2	29.9	7.8	3.5	24.4	6.5	2.9	22.9	6.2	2.8	21.3	5.9	2.8	
80.6			60.8	27.7	19.9	2.6	28.6	21.6	3.1	28.0	21.4	3.3	22.8	17.8	2.7	21.4	17.0	2.6	20.0	16.2	2.7	
			66.2	30.8	19.8	2.7	31.7	21.5	3.1	31.1	21.2	3.4	25.4	17.7	2.8	23.8	16.9	2.7	22.2	16.1	2.7	
			73.4	32.6	13.4	2.7	33.6	14.6	3.2	33.0	14.4	3.5	26.9	12.0	2.9	25.2	11.5	2.7	23.5	10.9	2.8	
84.2			66.2	31.4	21.2	2.7	32.4	23.0	3.2	31.7	22.8	3.5	25.9	18.9	2.9	24.3	18.1	2.7	22.7	17.2	2.8	
			60.8	29.2	22.3	2.6	30.1	24.2	3.1	29.5	23.9	3.4	24.1	19.9	2.8	22.6	19.0	2.6	21.0	18.1	2.7	
			66.2	31.7	22.6	2.7	32.7	24.5	3.2	32.0	24.3	3.5	26.1	20.2	2.9	24.5	19.3	2.7	22.9	18.4	2.8	
86.0			73.4	33.3	18.5	2.8	34.3	20.1	3.2	33.6	19.9	3.5	27.5	16.6	2.9	25.7	15.8	2.8	24.0	15.1	2.8	
			60.8	30.7	24.1	2.7	31.6	26.1	3.1	31.0	25.9	3.4	25.3	21.5	2.8	23.7	20.6	2.7	22.1	19.6	2.7	
			66.2	32.6	25.4	2.7	33.6	27.5	3.2	33.0	27.2	3.5	26.9	22.7	2.9	25.2	21.7	2.7	23.5	20.6	2.8	
89.6	73.4	36.1	24.7	2.8	37.3	26.8	3.3	36.5	26.6	3.6	29.8	22.1	3.0	27.9	21.1	2.8	26.1	20.1	2.9			

Outdoor Unit:GUHD42NK3C1O/GUHD42NM3C1O Indoor Unit:GKH42K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																
				5			14			19.4			23			32				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	977	64.4	48.2	16.1	7.0	1.4	16.3	7.2	1.4	16.5	7.4	1.4	16.8	7.7	1.5	17.0	7.9	1.5		
			53.6	16.7	4.6	1.5	16.9	4.7	1.5	17.2	4.9	1.5	17.4	5.0	1.5	17.7	5.1	1.6		
			59.0	20.1	4.7	1.6	20.4	4.9	1.6	20.7	5.0	1.7	21.0	5.1	1.7	21.3	5.3	1.7		
		69.8	53.6	20.0	10.7	1.7	20.3	11.0	1.7	20.6	11.3	1.7	20.9	11.6	1.8	21.2	11.9	1.8		
			59.0	20.5	8.7	1.7	20.8	9.0	1.7	21.1	9.2	1.8	21.4	9.5	1.8	21.7	9.8	1.8		
			66.2	23.8	6.9	1.8	24.1	7.1	1.9	24.5	7.3	1.9	24.9	7.5	1.9	25.2	7.7	2.0		
		75.2	60.8	21.4	10.9	1.7	21.7	11.3	1.7	22.0	11.6	1.8	22.3	11.9	1.8	22.7	12.2	1.8		
			66.2	24.3	10.6	1.9	24.6	10.9	1.9	25.0	11.3	1.9	25.4	11.6	2.0	25.7	11.9	2.0		
			73.4	23.8	5.0	1.9	24.2	5.1	2.0	24.5	5.3	2.0	24.9	5.4	2.0	25.2	5.6	2.1		
		80.6	60.8	22.3	13.7	1.8	22.6	14.1	1.9	23.0	14.5	1.9	23.3	14.9	1.9	23.6	15.3	2.0		
			66.2	24.8	13.6	1.9	25.1	14.0	1.9	25.5	14.4	2.0	25.9	14.8	2.0	26.3	15.2	2.0		
			73.4	26.3	9.2	1.9	26.7	9.5	2.0	27.1	9.7	2.0	27.5	10.0	2.0	27.8	10.3	2.1		
		84.2	66.2	25.3	14.5	1.9	25.6	14.9	1.9	26.0	15.4	2.0	26.4	15.8	2.0	26.8	16.3	2.0		
			60.8	23.5	15.3	1.8	23.8	15.7	1.9	24.2	16.2	1.9	24.5	16.6	1.9	24.9	17.1	2.0		
			66.2	25.5	15.5	1.9	25.9	16.0	1.9	26.3	16.4	2.0	26.7	16.9	2.0	27.1	17.3	2.0		
		86.0	73.4	26.8	12.7	1.9	27.2	13.1	2.0	27.6	13.4	2.0	28.0	13.8	2.0	28.4	14.2	2.1		
			60.8	24.7	16.5	1.9	25.1	17.0	1.9	25.4	17.5	2.0	25.8	18.0	2.0	26.2	18.5	2.0		
			66.2	26.3	17.4	1.9	26.7	17.9	2.0	27.1	18.4	2.0	27.5	18.9	2.0	27.8	19.5	2.1		
		89.6	73.4	27.0	15.8	1.9	27.5	16.2	2.0	27.9	16.7	2.0	28.3	17.2	2.0	28.7	17.6	2.1		
			48.2	15.7	6.4	1.4	16.0	6.6	1.4	16.2	6.8	1.4	16.4	7.0	1.5	16.7	7.2	1.5		
			53.6	16.3	4.2	1.4	16.6	4.3	1.5	16.8	4.4	1.5	17.1	4.6	1.5	17.3	4.7	1.5		
		Medium	924	64.4	59.0	19.7	4.3	1.6	20.0	4.4	1.6	20.3	4.6	1.6	20.6	4.7	1.7	20.9	4.8	1.7
					53.6	19.6	9.7	1.7	19.9	10.0	1.7	20.2	10.3	1.7	20.5	10.6	1.8	20.8	10.9	1.8
					59.0	20.0	7.9	1.7	20.3	8.2	1.7	20.6	8.4	1.8	21.0	8.7	1.8	21.3	8.9	1.8
69.8	66.2			23.3	6.3	1.8	23.7	6.5	1.9	24.0	6.7	1.9	24.4	6.8	1.9	24.7	7.0	2.0		
	60.8			20.9	10.0	1.7	21.3	10.3	1.7	21.6	10.6	1.8	21.9	10.9	1.8	22.2	11.2	1.8		
	66.2			23.8	9.7	1.8	24.2	10.0	1.9	24.5	10.3	1.9	24.9	10.5	1.9	25.2	10.8	2.0		
75.2	73.4			23.3	4.6	1.9	23.7	4.7	2.0	24.0	4.8	2.0	24.4	5.0	2.0	24.7	5.1	2.1		
	60.8			21.8	12.5	1.8	22.2	12.8	1.8	22.5	13.2	1.9	22.8	13.6	1.9	23.2	13.9	1.9		
	66.2			24.3	12.4	1.9	24.6	12.7	1.9	25.0	13.1	1.9	25.4	13.5	2.0	25.7	13.8	2.0		
80.6	73.4			25.7	8.4	1.9	26.1	8.6	1.9	26.5	8.9	2.0	26.9	9.1	2.0	27.3	9.4	2.0		
	66.2			24.8	13.2	1.9	25.1	13.6	1.9	25.5	14.0	2.0	25.9	14.4	2.0	26.3	14.8	2.0		
	60.8			23.0	13.9	1.8	23.4	14.3	1.9	23.7	14.7	1.9	24.0	15.1	1.9	24.4	15.6	2.0		
86.0	66.2			25.0	14.1	1.9	25.4	14.5	1.9	25.8	15.0	2.0	26.1	15.4	2.0	26.5	15.8	2.0		
	73.4			26.3	11.6	1.9	26.7	11.9	2.0	27.0	12.2	2.0	27.4	12.6	2.0	27.8	13.0	2.1		
	60.8			24.2	15.0	1.9	24.6	15.5	1.9	24.9	15.9	1.9	25.3	16.4	2.0	25.7	16.8	2.0		
89.6	66.2			25.7	15.8	1.9	26.1	16.3	1.9	26.5	16.8	2.0	26.9	17.3	2.0	27.3	17.7	2.0		
	73.4			27.0	14.7	1.9	27.5	15.1	2.0	27.9	15.5	2.0	28.3	16.0	2.0	28.7	16.4	2.1		
	48.2			14.9	5.8	1.4	15.2	6.0	1.4	15.4	6.2	1.4	15.6	6.3	1.4	15.8	6.5	1.5		
Low	883			64.4	53.6	15.5	3.8	1.4	15.7	3.9	1.5	16.0	4.0	1.5	16.2	4.1	1.5	16.4	4.2	1.5
					59.0	18.7	3.9	1.6	18.9	4.0	1.6	19.2	4.1	1.6	19.5	4.3	1.7	19.8	4.4	1.7
					53.6	18.6	8.8	1.6	18.9	9.1	1.7	19.1	9.3	1.7	19.4	9.6	1.7	19.7	9.9	1.8
				69.8	59.0	19.0	7.2	1.7	19.3	7.4	1.7	19.6	7.6	1.7	19.9	7.9	1.8	20.2	8.1	1.8
					66.2	22.1	5.7	1.8	22.5	5.9	1.8	22.8	6.0	1.9	23.1	6.2	1.9	23.5	6.4	1.9
					60.8	19.9	9.1	1.7	20.2	9.3	1.7	20.5	9.6	1.7	20.8	9.9	1.8	21.1	10.1	1.8
		75.2	66.2	22.6	8.8	1.8	22.9	9.1	1.9	23.3	9.3	1.9	23.6	9.6	1.9	23.9	9.8	2.0		
			73.4	22.1	4.1	1.9	22.5	4.3	1.9	22.8	4.4	2.0	23.1	4.5	2.0	23.5	4.6	2.0		
			60.8	20.7	11.3	1.8	21.0	11.6	1.8	21.4	12.0	1.9	21.7	12.3	1.9	22.0	12.7	1.9		
		80.6	66.2	23.0	11.2	1.8	23.4	11.5	1.9	23.7	11.9	1.9	24.1	12.2	1.9	24.4	12.6	2.0		
			73.4	24.4	7.6	1.9	24.8	7.8	1.9	25.2	8.1	2.0	25.5	8.3	2.0	25.9	8.5	2.0		
			66.2	23.5	12.0	1.9	23.9	12.4	1.9	24.2	12.7	1.9	24.6	13.1	2.0	24.9	13.5	2.0		
		84.2	60.8	21.8	12.6	1.8	22.2	13.0	1.8	22.5	13.4	1.9	22.8	13.8	1.9	23.2	14.1	1.9		
			66.2	23.7	12.8	1.9	24.1	13.2	1.9	24.4	13.6	1.9	24.8	14.0	2.0	25.2	14.4	2.0		
			73.4	24.9	10.5	1.9	25.3	10.8	1.9	25.7	11.1	2.0	26.0	11.4	2.0	26.4	11.8	2.0		
		86.0	60.8	23.0	13.7	1.8	23.3	14.1	1.9	23.6	14.5	1.9	24.0	14.9	1.9	24.3	15.3	2.0		
			66.2	24.4	14.4	1.9	24.8	14.8	1.9	25.2	15.2	2.0	25.5	15.7	2.0	25.9	16.1	2.0		
			73.4	27.0	14.0	1.9	27.5	14.4	2.0	27.9	14.9	2.0	28.3	15.3	2.0	28.7	15.7	2.1		

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Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																		
				41			50			59			64.4			69.8			77			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	977	64.4	48.2	17.3	8.1	1.5	17.5	8.3	1.5	17.8	8.5	1.6	18.2	8.9	1.6	19.5	10.1	1.8	22.6	12.4	1.9	
			53.6	17.9	5.3	1.6	18.2	5.4	1.6	18.4	5.6	1.6	18.9	5.8	1.7	20.2	6.6	1.9	23.5	8.1	2.0	
			59.0	21.6	5.4	1.7	21.9	5.6	1.8	22.2	5.7	1.8	22.8	6.0	1.9	24.3	6.8	2.0	28.3	8.3	2.2	
		69.8	53.6	21.5	12.3	1.8	21.8	12.6	1.9	22.1	12.9	1.9	22.7	13.5	2.0	24.2	15.3	2.1	28.1	18.8	2.3	
			59.0	22.0	10.0	1.9	22.3	10.3	1.9	22.6	10.6	1.9	23.2	11.0	2.0	24.8	12.5	2.2	28.8	15.4	2.3	
			66.2	25.6	7.9	2.0	25.9	8.2	2.0	26.3	8.4	2.1	27.0	8.7	2.2	28.8	9.9	2.4	33.5	12.1	2.5	
		75.2	60.8	23.0	12.6	1.9	23.3	12.9	1.9	23.6	13.3	1.9	24.3	13.8	2.0	25.9	15.7	2.2	30.1	19.3	2.3	
			66.2	26.1	12.2	2.0	26.5	12.6	2.1	26.9	12.9	2.1	27.6	13.4	2.2	29.4	15.2	2.4	34.2	18.7	2.5	
			73.4	25.6	5.8	2.1	26.0	5.9	2.2	26.3	6.1	2.2	27.0	6.3	2.3	28.8	7.2	2.5	33.5	8.8	2.6	
		80.6	60.8	24.0	15.7	2.0	24.3	16.1	2.0	24.7	16.6	2.1	25.3	17.3	2.2	27.0	19.6	2.3	31.4	24.1	2.5	
			66.2	26.6	15.6	2.1	27.0	16.0	2.1	27.4	16.4	2.1	28.1	17.1	2.2	30.0	19.4	2.4	34.9	23.9	2.6	
			73.4	28.2	10.6	2.1	28.6	10.9	2.1	29.0	11.2	2.2	29.8	11.6	2.3	31.8	13.2	2.4	37.0	16.2	2.6	
		84.2	66.2	27.2	16.7	2.1	27.6	17.2	2.1	27.9	17.6	2.1	28.7	18.3	2.2	30.6	20.8	2.4	35.6	25.6	2.6	
			60.8	25.3	17.6	2.0	25.6	18.0	2.0	26.0	18.5	2.1	26.7	19.3	2.2	28.5	21.8	2.3	33.1	26.9	2.5	
			66.2	27.4	17.8	2.1	27.8	18.3	2.1	28.2	18.8	2.1	29.0	19.6	2.2	30.9	22.2	2.4	36.0	27.3	2.6	
		86.0	73.4	28.8	14.6	2.1	29.2	15.0	2.2	29.6	15.4	2.2	30.4	16.0	2.3	32.5	18.2	2.5	37.7	22.4	2.6	
			60.8	26.6	19.0	2.1	26.9	19.5	2.1	27.3	20.0	2.1	28.0	20.8	2.2	29.9	23.6	2.4	34.8	29.1	2.6	
			66.2	28.2	20.0	2.1	28.6	20.5	2.1	29.0	21.1	2.2	29.8	22.0	2.3	31.8	24.9	2.4	37.0	30.6	2.6	
		89.6	73.4	29.1	18.1	2.1	29.5	18.6	2.2	29.9	19.1	2.2	30.7	19.9	2.3	32.8	22.5	2.5	38.1	27.8	2.6	
			64.4	48.2	16.9	7.4	1.5	17.2	7.6	1.5	17.4	7.8	1.6	17.9	8.1	1.6	19.1	9.2	1.8	22.2	11.3	1.9
				53.6	17.6	4.8	1.6	17.8	4.9	1.6	18.1	5.1	1.6	18.5	5.3	1.7	19.8	6.0	1.8	23.0	7.4	2.0
		59.0		21.2	5.0	1.7	21.5	5.1	1.8	21.7	5.2	1.8	22.3	5.4	1.9	23.8	6.2	2.0	27.7	7.6	2.2	
		69.8	53.6	21.1	11.2	1.8	21.4	11.5	1.8	21.7	11.8	1.9	22.2	12.3	2.0	23.7	13.9	2.1	27.6	17.1	2.3	
			59.0	21.6	9.1	1.9	21.9	9.4	1.9	22.2	9.6	1.9	22.8	10.0	2.0	24.3	11.4	2.2	28.2	14.0	2.3	
66.2	25.1		7.2	2.0	25.4	7.4	2.0	25.8	7.6	2.1	26.5	7.9	2.2	28.2	9.0	2.3	32.8	11.1	2.5			
75.2	60.8	22.5	11.5	1.9	22.8	11.8	1.9	23.2	12.1	1.9	23.8	12.6	2.0	25.4	14.3	2.2	29.5	17.6	2.3			
	66.2	25.6	11.1	2.0	26.0	11.4	2.0	26.3	11.8	2.1	27.0	12.2	2.2	28.8	13.9	2.4	33.5	17.1	2.5			
	73.4	25.1	5.2	2.1	25.4	5.4	2.1	25.8	5.5	2.2	26.5	5.8	2.3	28.3	6.5	2.4	32.9	8.0	2.6			
80.6	60.8	23.5	14.3	2.0	23.8	14.7	2.0	24.2	15.1	2.0	24.8	15.7	2.1	26.5	17.8	2.3	30.8	21.9	2.5			
	66.2	26.1	14.2	2.0	26.5	14.6	2.1	26.9	15.0	2.1	27.6	15.6	2.2	29.4	17.7	2.4	34.2	21.8	2.5			
	73.4	27.7	9.6	2.1	28.1	9.9	2.1	28.5	10.2	2.1	29.2	10.6	2.2	31.2	12.0	2.4	36.3	14.8	2.6			
84.2	66.2	26.6	15.2	2.1	27.0	15.6	2.1	27.4	16.1	2.1	28.1	16.7	2.2	30.0	18.9	2.4	34.9	23.3	2.6			
	60.8	24.7	16.0	2.0	25.1	16.4	2.0	25.4	16.9	2.1	26.1	17.6	2.2	27.9	19.9	2.3	32.4	24.5	2.5			
	66.2	26.9	16.2	2.1	27.3	16.7	2.1	27.7	17.1	2.1	28.4	17.8	2.2	30.3	20.2	2.4	35.2	24.9	2.6			
86.0	73.4	28.2	13.3	2.1	28.6	13.7	2.1	29.0	14.0	2.2	29.8	14.6	2.3	31.8	16.6	2.4	37.0	20.4	2.6			
	60.8	26.0	17.3	2.0	26.4	17.8	2.1	26.8	18.3	2.1	27.5	19.0	2.2	29.3	21.5	2.4	34.1	26.5	2.5			
	66.2	27.7	18.2	2.1	28.1	18.7	2.1	28.5	19.2	2.1	29.2	20.0	2.2	31.2	22.7	2.4	36.3	27.9	2.6			
89.6	73.4	29.1	16.9	2.1	29.5	17.3	2.2	29.9	17.8	2.2	30.7	18.5	2.3	32.8	21.0	2.5	38.1	25.8	2.6			
	64.4	48.2	16.1	6.7	1.5	16.3	6.9	1.5	16.5	7.1	1.5	17.0	7.3	1.6	18.1	8.3	1.7	21.0	10.2	1.9		
		53.6	16.7	4.4	1.6	16.9	4.5	1.6	17.1	4.6	1.6	17.6	4.8	1.7	18.8	5.4	1.8	21.8	6.7	1.9		
59.0		20.1	4.5	1.7	20.4	4.6	1.7	20.6	4.7	1.8	21.2	4.9	1.9	22.6	5.6	2.0	26.3	6.9	2.1			
69.8	53.6	20.0	10.2	1.8	20.3	10.4	1.8	20.5	10.7	1.9	21.1	11.1	1.9	22.5	12.6	2.1	26.2	15.5	2.2			
	59.0	20.5	8.3	1.8	20.7	8.5	1.9	21.0	8.8	1.9	21.6	9.1	2.0	23.1	10.3	2.1	26.8	12.7	2.3			
	66.2	23.8	6.6	2.0	24.1	6.7	2.0	24.5	6.9	2.0	25.1	7.2	2.1	26.8	8.2	2.3	31.2	10.1	2.5			
75.2	60.8	21.4	10.4	1.8	21.7	10.7	1.9	22.0	11.0	1.9	22.6	11.4	2.0	24.1	13.0	2.1	28.0	16.0	2.3			
	66.2	24.3	10.1	2.0	24.6	10.4	2.0	25.0	10.7	2.1	25.7	11.1	2.2	27.4	12.6	2.3	31.8	15.5	2.5			
	73.4	23.8	4.8	2.1	24.1	4.9	2.1	24.5	5.0	2.1	25.1	5.2	2.2	26.8	5.9	2.4	31.2	7.3	2.6			
80.6	60.8	22.3	13.0	2.0	22.6	13.4	2.0	22.9	13.7	2.0	23.6	14.3	2.1	25.1	16.2	2.3	29.2	19.9	2.4			
	66.2	24.8	12.9	2.0	25.1	13.3	2.0	25.5	13.6	2.1	26.2	14.2	2.2	27.9	16.1	2.4	32.5	19.8	2.5			
	73.4	26.3	8.8	2.1	26.6	9.0	2.1	27.0	9.2	2.1	27.7	9.6	2.2	29.6	10.9	2.4	34.4	13.4	2.6			
84.2	66.2	25.3	13.8	2.0	25.6	14.2	2.1	26.0	14.6	2.1	26.7	15.2	2.2	28.5	17.2	2.4	33.1	21.2	2.5			
	60.8	23.5	14.5	2.0	23.8	14.9	2.0	24.1	15.3	2.0	24.8	15.9	2.1	26.5	18.1	2.3	30.8	22.2	2.5			
	66.2	25.5	14.8	2.0	25.9	15.2	2.1	26.2	15.6	2.1	27.0	16.2	2.2	28.8	18.4	2.4	33.4	22.6	2.5			
86.0	73.4	26.8	12.1	2.1	27.2	12.4	2.1	27.6	12.7	2.1	28.3	13.3	2.2	30.2	15.0	2.4	35.1	18.5	2.6			
	60.8	24.7	15.7	2.0	25.0	16.1	2.0	25.4	16.6	2.1	26.1	17.2	2.2	27.8	19.5	2.3	32.3	24.1	2.5			
	66.2	26.3	16.6	2.1	26.6	17.0	2.1	27.0	17.5	2.1	27.7	18.2	2.2	29.6	20.6	2.4	34.4	25.3	2.6			
89.6	73.4	29.1	16.1	2.1	29.5	16.6	2.2	29.9	17.0	2.2	30.7	17.7	2.3	32.8	20.1	2.5	38.1	24.7	2.6			

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																			
				86			95			102.2			109.4			114.8			118.4				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	977	64.4	48.2	23.6	13.6	2.2	24.3	14.8	2.5	23.8	14.6	2.8	19.5	12.2	2.3	18.2	11.6	2.2	17.0	11.1	2.2		
			53.6	24.5	8.9	2.3	25.2	9.6	2.7	24.7	9.5	2.9	20.2	7.9	2.4	18.9	7.6	2.3	17.7	7.2	2.3		
			59.0	29.5	9.2	2.5	30.4	9.9	2.9	29.8	9.8	3.2	24.3	8.2	2.6	22.8	7.8	2.5	21.3	7.4	2.5		
		69.8	53.6	29.4	20.7	2.6	30.3	22.4	3.1	29.7	22.2	3.3	24.2	18.5	2.7	22.7	17.7	2.6	21.2	16.8	2.7		
			59.0	30.1	16.9	2.7	31.0	18.3	3.1	30.4	18.2	3.4	24.8	15.1	2.8	23.2	14.4	2.7	21.7	13.7	2.7		
			66.2	34.9	13.4	2.9	36.0	14.5	3.4	35.3	14.4	3.7	28.8	12.0	3.0	27.0	11.4	2.9	25.2	10.9	2.9		
		75.2	60.8	31.4	21.2	2.7	32.4	23.0	3.1	31.7	22.8	3.4	25.9	19.0	2.8	24.3	18.1	2.7	22.7	17.2	2.7		
			66.2	35.7	20.6	2.9	36.8	22.4	3.4	36.0	22.1	3.7	29.4	18.4	3.1	27.6	17.6	2.9	25.7	16.7	3.0		
			73.4	35.0	9.7	3.0	36.0	10.5	3.5	35.3	10.4	3.8	28.8	8.7	3.2	27.0	8.3	3.0	25.2	7.9	3.1		
		80.6	60.8	32.8	26.5	2.8	33.8	28.8	3.3	33.1	28.5	3.6	27.0	23.7	3.0	25.3	22.6	2.8	23.6	21.5	2.9		
			66.2	36.4	26.3	2.9	37.5	28.5	3.4	36.8	28.2	3.7	30.0	23.5	3.1	28.1	22.5	2.9	26.3	21.4	3.0		
			73.4	38.6	17.8	3.0	39.8	19.4	3.5	39.0	19.2	3.8	31.8	15.9	3.1	29.8	15.2	3.0	27.8	14.5	3.0		
		84.2	66.2	37.1	28.2	2.9	38.3	30.5	3.5	37.5	30.2	3.8	30.6	25.2	3.1	28.7	24.1	2.9	26.8	22.9	3.0		
			60.8	34.5	29.6	2.9	35.6	32.1	3.4	34.9	31.8	3.7	28.5	26.5	3.0	26.7	25.3	2.9	24.9	24.0	2.9		
			66.2	37.5	30.1	2.9	38.7	32.6	3.5	37.9	32.3	3.8	30.9	26.9	3.1	29.0	25.7	2.9	27.1	24.4	3.0		
		86.0	73.4	39.4	24.6	3.0	40.6	26.7	3.5	39.8	26.4	3.8	32.5	22.0	3.2	30.4	21.0	3.0	28.4	20.0	3.1		
			60.8	36.3	32.0	2.9	37.4	34.7	3.4	36.6	34.4	3.7	29.9	28.6	3.1	28.0	27.4	2.9	26.2	26.0	3.0		
			66.2	38.6	33.7	3.0	39.8	36.6	3.5	39.0	36.2	3.8	31.8	30.1	3.1	29.8	28.8	3.0	27.8	27.4	3.0		
		89.6	73.4	39.7	30.6	3.0	41.0	33.2	3.5	40.2	32.8	3.8	32.8	27.3	3.2	30.7	26.1	3.0	28.7	24.8	3.1		
			48.2	23.1	12.4	2.1	23.8	13.5	2.5	23.4	13.3	2.7	19.1	11.1	2.3	17.9	10.6	2.1	16.7	10.1	2.2		
			53.6	24.0	8.1	2.2	24.7	8.8	2.6	24.2	8.7	2.9	19.8	7.2	2.4	18.5	6.9	2.2	17.3	6.6	2.3		
		Medium	924	64.4	59.0	28.9	8.3	2.5	29.8	9.1	2.9	29.2	9.0	3.1	23.8	7.5	2.6	22.3	7.1	2.5	20.9	6.8	2.5
					53.6	28.8	18.8	2.6	29.7	20.4	3.0	29.1	20.2	3.3	23.7	16.8	2.7	22.2	16.1	2.6	20.8	15.3	2.6
					59.0	29.5	15.4	2.6	30.4	16.7	3.1	29.8	16.6	3.4	24.3	13.8	2.8	22.8	13.2	2.6	21.3	12.5	2.7
69.8	66.2			34.3	12.2	2.8	35.3	13.2	3.3	34.6	13.1	3.6	28.2	10.9	3.0	26.5	10.4	2.8	24.7	9.9	2.9		
	60.8			30.8	19.3	2.6	31.7	21.0	3.1	31.1	20.8	3.4	25.4	17.3	2.8	23.8	16.5	2.6	22.2	15.7	2.7		
	66.2			35.0	18.8	2.9	36.0	20.4	3.4	35.3	20.2	3.7	28.8	16.8	3.0	27.0	16.1	2.9	25.2	15.3	2.9		
75.2	73.4			34.3	8.8	3.0	35.3	9.6	3.5	34.6	9.5	3.8	28.3	7.9	3.1	26.5	7.6	3.0	24.7	7.2	3.0		
	60.8			32.1	24.1	2.8	33.1	26.2	3.3	32.4	25.9	3.6	26.5	21.6	3.0	24.8	20.6	2.8	23.2	19.6	2.9		
	66.2			35.7	24.0	2.9	36.8	26.0	3.4	36.0	25.7	3.7	29.4	21.4	3.1	27.6	20.5	2.9	25.7	19.5	3.0		
80.6	73.4			37.8	16.3	2.9	39.0	17.6	3.5	38.2	17.5	3.8	31.2	14.5	3.1	29.2	13.9	2.9	27.3	13.2	3.0		
	66.2			36.4	25.7	2.9	37.5	27.8	3.4	36.8	27.6	3.7	30.0	22.9	3.1	28.1	21.9	2.9	26.3	20.9	3.0		
	60.8			33.8	27.0	2.8	34.9	29.3	3.3	34.2	29.0	3.6	27.9	24.1	3.0	26.1	23.0	2.8	24.4	21.9	2.9		
84.2	66.2			36.7	27.4	2.9	37.9	29.7	3.4	37.1	29.4	3.7	30.3	24.5	3.1	28.4	23.4	2.9	26.5	22.3	3.0		
	73.4			38.6	22.4	3.0	39.8	24.3	3.5	39.0	24.1	3.8	31.8	20.1	3.1	29.8	19.2	3.0	27.8	18.2	3.0		
	60.8			35.5	29.2	2.9	36.6	31.7	3.4	35.9	31.3	3.7	29.3	26.1	3.1	27.5	24.9	2.9	25.7	23.7	2.9		
86.0	66.2			37.8	30.7	2.9	39.0	33.3	3.5	38.2	33.0	3.8	31.2	27.5	3.1	29.2	26.3	2.9	27.3	25.0	3.0		
	73.4			39.7	28.4	3.0	41.0	30.8	3.5	40.2	30.5	3.8	32.8	25.4	3.2	30.7	24.3	3.0	28.7	23.1	3.1		
	48.2			21.9	11.3	2.1	22.6	12.2	2.5	22.2	12.1	2.7	18.1	10.1	2.2	17.0	9.6	2.1	15.8	9.2	2.2		
Low	883			64.4	53.6	22.8	7.4	2.2	23.5	8.0	2.6	23.0	7.9	2.8	18.8	6.6	2.3	17.6	6.3	2.2	16.4	6.0	2.3
					59.0	27.4	7.6	2.4	28.3	8.2	2.9	27.7	8.1	3.1	22.6	6.8	2.6	21.2	6.5	2.4	19.8	6.2	2.5
					53.6	27.3	17.1	2.5	28.1	18.6	3.0	27.6	18.4	3.3	22.5	15.3	2.7	21.1	14.6	2.5	19.7	13.9	2.6
				69.8	59.0	28.0	14.0	2.6	28.8	15.2	3.1	28.2	15.0	3.3	23.1	12.5	2.8	21.6	12.0	2.6	20.2	11.4	2.7
					66.2	32.5	11.1	2.8	33.5	12.0	3.3	32.8	11.9	3.6	26.8	9.9	3.0	25.1	9.5	2.8	23.5	9.0	2.9
					60.8	29.2	17.6	2.6	30.1	19.1	3.1	29.5	18.9	3.3	24.1	15.7	2.8	22.6	15.0	2.6	21.1	14.3	2.7
		75.2	66.2	33.2	17.1	2.8	34.2	18.5	3.3	33.5	18.3	3.6	27.4	15.3	3.0	25.7	14.6	2.8	23.9	13.9	2.9		
			73.4	32.5	8.0	2.9	33.5	8.7	3.5	32.9	8.6	3.8	26.8	7.2	3.1	25.1	6.9	2.9	23.5	6.5	3.0		
			60.8	30.5	21.9	2.8	31.4	23.8	3.3	30.8	23.6	3.5	25.1	19.6	2.9	23.6	18.7	2.8	22.0	17.8	2.8		
		80.6	66.2	33.9	21.8	2.9	34.9	23.6	3.4	34.2	23.4	3.7	27.9	19.5	3.0	26.2	18.6	2.9	24.4	17.7	2.9		
			73.4	35.9	14.8	2.9	37.0	16.0	3.4	36.3	15.9	3.7	29.6	13.2	3.1	27.7	12.6	2.9	25.9	12.0	3.0		
			66.2	34.5	23.3	2.9	35.6	25.3	3.4	34.9	25.0	3.7	28.5	20.8	3.1	26.7	19.9	2.9	24.9	18.9	3.0		
		84.2	60.8	32.1	24.5	2.8	33.1	26.6	3.3	32.4	26.3	3.6	26.5	21.9	3.0	24.8	20.9	2.8	23.2	19.9	2.9		
			66.2	34.9	24.9	2.9	36.0	27.0	3.4	35.2	26.7	3.7	28.8	22.2	3.1	27.0	21.3	2.9	25.2	20.2	3.0		
			73.4	36.6	20.4	2.9	37.7	22.1	3.5	37.0	21.9	3.8	30.2	18.2	3.1	28.3	17.4	2.9	26.4	16.6	3.0		
		86.0	60.8	33.7	26.5	2.9	34.8	28.7	3.4	34.1	28.5	3.7	27.8	23.7	3.0	26.1	22.6	2.9	24.3	21.5	2.9		
			66.2	35.9	27.9	2.9	37.0	30.3	3.4	36.3	30.0	3.7	29.6	25.0	3.1	27.7	23.8	2.9	25.9	22.7	3.0		
			73.4	39.7	27.2	3.0	41.0	29.5	3.5	40.2	29.2	3.8	32.8	24.3	3.2	30.7	23.2	3.0	28.7	22.1	3.1		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

4.5.6 GUHD*N*3C1O with GTH*K3CI

Outdoor Unit:GUHD09NK3C1O Indoor Unit:GTH09K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)															
				5			14			19.4			23			32			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	383	64.4	48.2	4.4	2.0	0.3	4.4	2.0	0.4	4.5	2.1	0.4	4.6	2.2	0.4	4.6	2.2	0.4	
			53.6	4.5	1.3	0.4	4.6	1.3	0.4	4.7	1.4	0.4	4.7	1.4	0.4	4.8	1.5	0.4	
			59.0	5.5	1.3	0.4	5.6	1.4	0.4	5.6	1.4	0.4	5.7	1.5	0.4	5.8	1.5	0.4	
		69.8	53.6	5.4	3.0	0.4	5.5	3.1	0.4	5.6	3.2	0.4	5.7	3.3	0.4	5.8	3.4	0.5	
			59.0	5.6	2.5	0.4	5.7	2.5	0.4	5.7	2.6	0.4	5.8	2.7	0.5	5.9	2.8	0.5	
			66.2	6.5	2.0	0.5	6.6	2.0	0.5	6.7	2.1	0.5	6.8	2.1	0.5	6.9	2.2	0.5	
		75.2	60.8	5.8	3.1	0.4	5.9	3.2	0.4	6.0	3.3	0.4	6.1	3.4	0.5	6.2	3.5	0.5	
			66.2	6.6	3.0	0.5	6.7	3.1	0.5	6.8	3.2	0.5	6.9	3.3	0.5	7.0	3.4	0.5	
			73.4	6.5	1.4	0.5	6.6	1.5	0.5	6.7	1.5	0.5	6.8	1.5	0.5	6.9	1.6	0.5	
		80.6	60.8	6.1	3.9	0.5	6.2	4.0	0.5	6.3	4.1	0.5	6.4	4.2	0.5	6.4	4.3	0.5	
			66.2	6.8	3.8	0.5	6.9	4.0	0.5	7.0	4.1	0.5	7.1	4.2	0.5	7.2	4.3	0.5	
			73.4	7.2	2.6	0.5	7.3	2.7	0.5	7.4	2.8	0.5	7.5	2.8	0.5	7.6	2.9	0.5	
	84.2	66.2	6.9	4.1	0.5	7.0	4.2	0.5	7.1	4.4	0.5	7.2	4.5	0.5	7.3	4.6	0.5		
		60.8	6.4	4.3	0.5	6.5	4.5	0.5	6.6	4.6	0.5	6.7	4.7	0.5	6.8	4.8	0.5		
		86.0	66.2	7.0	4.4	0.5	7.1	4.5	0.5	7.2	4.7	0.5	7.3	4.8	0.5	7.4	4.9	0.5	
	86.0	73.4	7.3	3.6	0.5	7.4	3.7	0.5	7.5	3.8	0.5	7.6	3.9	0.5	7.7	4.0	0.5		
		60.8	6.7	4.7	0.5	6.8	4.8	0.5	6.9	5.0	0.5	7.0	5.1	0.5	7.1	5.2	0.5		
		89.6	66.2	7.2	4.9	0.5	7.3	5.1	0.5	7.4	5.2	0.5	7.5	5.4	0.5	7.6	5.5	0.5	
	89.6	73.4	7.4	4.5	0.5	7.5	4.6	0.5	7.6	4.7	0.5	7.7	4.9	0.5	7.8	5.0	0.5		
		324	64.4	48.2	4.3	1.8	0.3	4.4	1.9	0.4	4.4	1.9	0.4	4.5	2.0	0.4	4.6	2.0	0.4
				53.6	4.5	1.2	0.4	4.5	1.2	0.4	4.6	1.3	0.4	4.7	1.3	0.4	4.7	1.3	0.4
	59.0			5.4	1.2	0.4	5.4	1.3	0.4	5.5	1.3	0.4	5.6	1.3	0.4	5.7	1.4	0.4	
	69.8		53.6	5.3	2.8	0.4	5.4	2.8	0.4	5.5	2.9	0.4	5.6	3.0	0.4	5.7	3.1	0.4	
			59.0	5.5	2.3	0.4	5.5	2.3	0.4	5.6	2.4	0.4	5.7	2.5	0.4	5.8	2.5	0.5	
66.2			6.4	1.8	0.5	6.5	1.8	0.5	6.5	1.9	0.5	6.6	1.9	0.5	6.7	2.0	0.5		
75.2	60.8		5.7	2.8	0.4	5.8	2.9	0.4	5.9	3.0	0.4	6.0	3.1	0.4	6.1	3.2	0.5		
	66.2		6.5	2.7	0.5	6.6	2.8	0.5	6.7	2.9	0.5	6.8	3.0	0.5	6.9	3.1	0.5		
	73.4		6.4	1.3	0.5	6.5	1.3	0.5	6.6	1.4	0.5	6.6	1.4	0.5	6.7	1.4	0.5		
80.6	60.8		6.0	3.5	0.5	6.0	3.6	0.5	6.1	3.7	0.5	6.2	3.8	0.5	6.3	4.0	0.5		
	66.2		6.6	3.5	0.5	6.7	3.6	0.5	6.8	3.7	0.5	6.9	3.8	0.5	7.0	3.9	0.5		
	73.4		7.0	2.4	0.5	7.1	2.4	0.5	7.2	2.5	0.5	7.3	2.6	0.5	7.4	2.7	0.5		
84.2	66.2	6.8	3.8	0.5	6.9	3.9	0.5	7.0	4.0	0.5	7.1	4.1	0.5	7.2	4.2	0.5			
	60.8	6.3	3.9	0.5	6.4	4.1	0.5	6.5	4.2	0.5	6.6	4.3	0.5	6.7	4.4	0.5			
	86.0	66.2	6.8	4.0	0.5	6.9	4.1	0.5	7.0	4.2	0.5	7.1	4.4	0.5	7.2	4.5	0.5		
86.0	73.4	7.2	3.3	0.5	7.3	3.4	0.5	7.4	3.5	0.5	7.5	3.6	0.5	7.6	3.7	0.5			
	60.8	6.6	4.3	0.5	6.7	4.4	0.5	6.8	4.5	0.5	6.9	4.6	0.5	7.0	4.8	0.5			
	89.6	66.2	7.0	4.5	0.5	7.1	4.6	0.5	7.2	4.8	0.5	7.3	4.9	0.5	7.4	5.0	0.5		
89.6	73.4	7.4	4.2	0.5	7.5	4.3	0.5	7.6	4.4	0.5	7.7	4.5	0.5	7.8	4.7	0.5			
	265	64.4	48.2	4.1	1.6	0.3	4.1	1.7	0.3	4.2	1.7	0.4	4.3	1.8	0.4	4.3	1.8	0.4	
			53.6	4.2	1.1	0.4	4.3	1.1	0.4	4.4	1.1	0.4	4.4	1.2	0.4	4.5	1.2	0.4	
59.0			5.1	1.1	0.4	5.2	1.1	0.4	5.2	1.2	0.4	5.3	1.2	0.4	5.4	1.2	0.4		
69.8		53.6	5.1	2.5	0.4	5.1	2.6	0.4	5.2	2.6	0.4	5.3	2.7	0.4	5.4	2.8	0.4		
		59.0	5.2	2.0	0.4	5.3	2.1	0.4	5.3	2.2	0.4	5.4	2.2	0.4	5.5	2.3	0.5		
		66.2	6.0	1.6	0.5	6.1	1.7	0.5	6.2	1.7	0.5	6.3	1.8	0.5	6.4	1.8	0.5		
75.2		60.8	5.4	2.6	0.4	5.5	2.6	0.4	5.6	2.7	0.4	5.7	2.8	0.4	5.7	2.9	0.5		
		66.2	6.2	2.5	0.5	6.3	2.6	0.5	6.3	2.6	0.5	6.4	2.7	0.5	6.5	2.8	0.5		
		73.4	6.0	1.2	0.5	6.1	1.2	0.5	6.2	1.2	0.5	6.3	1.3	0.5	6.4	1.3	0.5		
80.6		60.8	5.7	3.2	0.4	5.7	3.3	0.5	5.8	3.4	0.5	5.9	3.5	0.5	6.0	3.6	0.5		
		66.2	6.3	3.2	0.5	6.4	3.3	0.5	6.5	3.4	0.5	6.6	3.5	0.5	6.7	3.6	0.5		
		73.4	6.7	2.2	0.5	6.8	2.2	0.5	6.9	2.3	0.5	7.0	2.3	0.5	7.1	2.4	0.5		
84.2	66.2	6.4	3.4	0.5	6.5	3.5	0.5	6.6	3.6	0.5	6.7	3.7	0.5	6.8	3.8	0.5			
	60.8	6.0	3.6	0.5	6.0	3.7	0.5	6.1	3.8	0.5	6.2	3.9	0.5	6.3	4.0	0.5			
	86.0	66.2	6.5	3.6	0.5	6.6	3.7	0.5	6.7	3.9	0.5	6.8	4.0	0.5	6.9	4.1	0.5		
86.0	73.4	6.8	3.0	0.5	6.9	3.1	0.5	7.0	3.2	0.5	7.1	3.2	0.5	7.2	3.3	0.5			
	60.8	6.3	3.9	0.5	6.4	4.0	0.5	6.4	4.1	0.5	6.5	4.2	0.5	6.6	4.3	0.5			
	89.6	66.2	6.7	4.1	0.5	6.8	4.2	0.5	6.9	4.3	0.5	7.0	4.4	0.5	7.1	4.6	0.5		
89.6	73.4	7.4	4.0	0.5	7.5	4.1	0.5	7.6	4.2	0.5	7.7	4.3	0.5	7.8	4.5	0.5			

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																			
				41			50			59			64.4			69.8			77				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	383	64.4	48.2	4.7	2.3	0.4	4.8	2.4	0.4	4.8	2.4	0.4	5.0	2.5	0.4	5.3	2.8	0.4	6.2	3.5	0.5		
			53.6	4.9	1.5	0.4	5.0	1.5	0.4	5.0	1.6	0.4	5.2	1.6	0.4	5.5	1.9	0.5	6.4	2.3	0.5		
			59.0	5.9	1.5	0.4	6.0	1.6	0.4	6.1	1.6	0.5	6.2	1.7	0.5	6.6	1.9	0.5	7.7	2.4	0.5		
		69.8	53.6	5.9	3.5	0.5	5.9	3.6	0.5	6.0	3.7	0.5	6.2	3.8	0.5	6.6	4.3	0.5	7.7	5.3	0.6		
			59.0	6.0	2.8	0.5	6.1	2.9	0.5	6.2	3.0	0.5	6.3	3.1	0.5	6.8	3.5	0.5	7.9	4.4	0.6		
			66.2	7.0	2.2	0.5	7.1	2.3	0.5	7.2	2.4	0.5	7.4	2.5	0.5	7.9	2.8	0.6	9.1	3.4	0.6		
		75.2	60.8	6.3	3.6	0.5	6.4	3.7	0.5	6.4	3.8	0.5	6.6	3.9	0.5	7.1	4.4	0.5	8.2	5.5	0.6		
			66.2	7.1	3.5	0.5	7.2	3.6	0.5	7.3	3.7	0.5	7.5	3.8	0.6	8.0	4.3	0.6	9.3	5.3	0.6		
			73.4	7.0	1.6	0.5	7.1	1.7	0.5	7.2	1.7	0.5	7.4	1.8	0.6	7.9	2.0	0.6	9.1	2.5	0.7		
		80.6	60.8	6.5	4.5	0.5	6.6	4.6	0.5	6.7	4.7	0.5	6.9	4.9	0.5	7.4	5.5	0.6	8.6	6.8	0.6		
			66.2	7.3	4.4	0.5	7.4	4.5	0.5	7.5	4.7	0.5	7.7	4.9	0.6	8.2	5.5	0.6	9.5	6.8	0.6		
			73.4	7.7	3.0	0.5	7.8	3.1	0.5	7.9	3.2	0.5	8.1	3.3	0.6	8.7	3.7	0.6	10.1	4.6	0.7		
		84.2	66.2	7.4	4.7	0.5	7.5	4.9	0.5	7.6	5.0	0.5	7.8	5.2	0.6	8.4	5.9	0.6	9.7	7.2	0.6		
			60.8	6.9	5.0	0.5	7.0	5.1	0.5	7.1	5.2	0.5	7.3	5.5	0.5	7.8	6.2	0.6	9.0	7.6	0.6		
			66.2	7.5	5.1	0.5	7.6	5.2	0.5	7.7	5.3	0.5	7.9	5.5	0.6	8.4	6.3	0.6	9.8	7.7	0.6		
		86.0	73.4	7.9	4.1	0.5	8.0	4.3	0.5	8.1	4.4	0.5	8.3	4.5	0.6	8.9	5.1	0.6	10.3	6.3	0.7		
			60.8	7.2	5.4	0.5	7.3	5.5	0.5	7.4	5.7	0.5	7.6	5.9	0.6	8.2	6.7	0.6	9.5	8.2	0.6		
			66.2	7.7	5.7	0.5	7.8	5.8	0.5	7.9	6.0	0.5	8.1	6.2	0.6	8.7	7.1	0.6	10.1	8.7	0.7		
		89.6	73.4	7.9	5.1	0.5	8.0	5.3	0.5	8.2	5.4	0.5	8.4	5.6	0.6	8.9	6.4	0.6	10.4	7.9	0.7		
			48.2	4.6	2.1	0.4	4.7	2.1	0.4	4.7	2.2	0.4	4.9	2.3	0.4	5.2	2.6	0.4	6.0	3.2	0.5		
			53.6	4.8	1.4	0.4	4.9	1.4	0.4	4.9	1.4	0.4	5.1	1.5	0.4	5.4	1.7	0.5	6.3	2.1	0.5		
		Medium	324	64.4	59.0	5.8	1.4	0.4	5.9	1.4	0.4	5.9	1.5	0.4	6.1	1.5	0.5	6.5	1.7	0.5	7.6	2.1	0.5
					53.6	5.7	3.2	0.5	5.8	3.3	0.5	5.9	3.3	0.5	6.1	3.5	0.5	6.5	3.9	0.5	7.5	4.9	0.6
					59.0	5.9	2.6	0.5	6.0	2.7	0.5	6.0	2.7	0.5	6.2	2.8	0.5	6.6	3.2	0.5	7.7	4.0	0.6
69.8	66.2			6.8	2.1	0.5	6.9	2.1	0.5	7.0	2.2	0.5	7.2	2.2	0.5	7.7	2.5	0.6	9.0	3.1	0.6		
	60.8			6.1	3.3	0.5	6.2	3.3	0.5	6.3	3.4	0.5	6.5	3.6	0.5	6.9	4.0	0.5	8.0	5.0	0.6		
	66.2			7.0	3.2	0.5	7.1	3.2	0.5	7.2	3.3	0.5	7.4	3.5	0.5	7.9	3.9	0.6	9.1	4.8	0.6		
75.2	73.4			6.8	1.5	0.5	6.9	1.5	0.5	7.0	1.6	0.5	7.2	1.6	0.6	7.7	1.8	0.6	9.0	2.3	0.7		
	60.8			6.4	4.1	0.5	6.5	4.2	0.5	6.6	4.3	0.5	6.8	4.5	0.5	7.2	5.1	0.6	8.4	6.2	0.6		
	66.2			7.1	4.0	0.5	7.2	4.1	0.5	7.3	4.3	0.5	7.5	4.4	0.6	8.0	5.0	0.6	9.3	6.2	0.6		
80.6	73.4			7.5	2.7	0.5	7.7	2.8	0.5	7.8	2.9	0.5	8.0	3.0	0.6	8.5	3.4	0.6	9.9	4.2	0.6		
	66.2			7.3	4.3	0.5	7.4	4.4	0.5	7.5	4.6	0.5	7.7	4.7	0.6	8.2	5.4	0.6	9.5	6.6	0.6		
	60.8			6.7	4.5	0.5	6.8	4.7	0.5	6.9	4.8	0.5	7.1	5.0	0.5	7.6	5.6	0.6	8.8	6.9	0.6		
86.0	66.2			7.3	4.6	0.5	7.4	4.7	0.5	7.5	4.9	0.5	7.7	5.1	0.6	8.3	5.7	0.6	9.6	7.1	0.6		
	73.4			7.7	3.8	0.5	7.8	3.9	0.5	7.9	4.0	0.5	8.1	4.1	0.6	8.7	4.7	0.6	10.1	5.8	0.7		
	60.8			7.1	4.9	0.5	7.2	5.0	0.5	7.3	5.2	0.5	7.5	5.4	0.6	8.0	6.1	0.6	9.3	7.5	0.6		
89.6	66.2			7.5	5.2	0.5	7.7	5.3	0.5	7.8	5.5	0.5	8.0	5.7	0.6	8.5	6.4	0.6	9.9	7.9	0.6		
	73.4			7.9	4.8	0.5	8.0	4.9	0.5	8.2	5.0	0.5	8.4	5.2	0.6	8.9	5.9	0.6	10.4	7.3	0.7		
	48.2			4.4	1.9	0.4	4.4	1.9	0.4	4.5	2.0	0.4	4.6	2.1	0.4	4.9	2.4	0.4	5.7	2.9	0.5		
Low	265			64.4	53.6	4.5	1.2	0.4	4.6	1.3	0.4	4.7	1.3	0.4	4.8	1.4	0.4	5.1	1.5	0.5	6.0	1.9	0.5
					59.0	5.5	1.3	0.4	5.6	1.3	0.4	5.6	1.3	0.4	5.8	1.4	0.5	6.2	1.6	0.5	7.2	2.0	0.5
					53.6	5.5	2.9	0.4	5.5	3.0	0.5	5.6	3.0	0.5	5.8	3.2	0.5	6.1	3.6	0.5	7.1	4.4	0.6
				69.8	59.0	5.6	2.4	0.5	5.7	2.4	0.5	5.7	2.5	0.5	5.9	2.6	0.5	6.3	2.9	0.5	7.3	3.6	0.6
					66.2	6.5	1.9	0.5	6.6	1.9	0.5	6.7	2.0	0.5	6.9	2.0	0.5	7.3	2.3	0.6	8.5	2.9	0.6
					60.8	5.8	3.0	0.5	5.9	3.0	0.5	6.0	3.1	0.5	6.2	3.2	0.5	6.6	3.7	0.5	7.6	4.5	0.6
		75.2	66.2	6.6	2.9	0.5	6.7	2.9	0.5	6.8	3.0	0.5	7.0	3.1	0.5	7.5	3.6	0.6	8.7	4.4	0.6		
			73.4	6.5	1.3	0.5	6.6	1.4	0.5	6.7	1.4	0.5	6.9	1.5	0.6	7.3	1.7	0.6	8.5	2.1	0.6		
			60.8	6.1	3.7	0.5	6.2	3.8	0.5	6.3	3.9	0.5	6.4	4.0	0.5	6.9	4.6	0.6	8.0	5.6	0.6		
		80.6	66.2	6.8	3.7	0.5	6.9	3.8	0.5	6.9	3.9	0.5	7.1	4.0	0.5	7.6	4.6	0.6	8.9	5.6	0.6		
			73.4	7.2	2.5	0.5	7.3	2.6	0.5	7.4	2.6	0.5	7.6	2.7	0.6	8.1	3.1	0.6	9.4	3.8	0.6		
			66.2	6.9	3.9	0.5	7.0	4.0	0.5	7.1	4.1	0.5	7.3	4.3	0.6	7.8	4.9	0.6	9.0	6.0	0.6		
		84.2	60.8	6.4	4.1	0.5	6.5	4.2	0.5	6.6	4.3	0.5	6.8	4.5	0.5	7.2	5.1	0.6	8.4	6.3	0.6		
			66.2	7.0	4.2	0.5	7.1	4.3	0.5	7.2	4.4	0.5	7.4	4.6	0.6	7.8	5.2	0.6	9.1	6.4	0.6		
			73.4	7.3	3.4	0.5	7.4	3.5	0.5	7.5	3.6	0.5	7.7	3.8	0.6	8.2	4.3	0.6	9.6	5.2	0.6		
		86.0	60.8	6.7	4.5	0.5	6.8	4.6	0.5	6.9	4.7	0.5	7.1	4.9	0.5	7.6	5.5	0.6	8.8	6.8	0.6		
			66.2	7.2	4.7	0.5	7.3	4.8	0.5	7.4	5.0	0.5	7.6	5.2	0.6	8.1	5.8	0.6	9.4	7.2	0.6		
			73.4	7.9	4.6	0.5	8.0	4.7	0.5	8.2	4.8	0.5	8.4	5.0	0.6	8.9	5.7	0.6	10.4	7.0	0.7		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																			
				86			95			102.2			109.4			114.8			118.4				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	383	64.4	48.2	6.4	3.9	0.5	6.6	4.2	0.6	6.5	4.1	0.7	5.3	3.5	0.6	5.0	3.3	0.5	4.6	3.1	0.6		
			53.6	6.7	2.5	0.6	6.9	2.7	0.7	6.7	2.7	0.7	5.5	2.3	0.6	5.2	2.2	0.6	4.8	2.0	0.6		
			59.0	8.0	2.6	0.6	8.3	2.8	0.7	8.1	2.8	0.8	6.6	2.3	0.7	6.2	2.2	0.6	5.8	2.1	0.6		
		69.8	53.6	8.0	5.9	0.6	8.3	6.4	0.8	8.1	6.3	0.8	6.6	5.2	0.7	6.2	5.0	0.6	5.8	4.8	0.7		
			59.0	8.2	4.8	0.7	8.5	5.2	0.8	8.3	5.1	0.9	6.8	4.3	0.7	6.3	4.1	0.7	5.9	3.9	0.7		
			66.2	9.5	3.8	0.7	9.8	4.1	0.8	9.6	4.1	0.9	7.9	3.4	0.8	7.4	3.2	0.7	6.9	3.1	0.7		
		75.2	60.8	8.6	6.0	0.7	8.8	6.5	0.8	8.7	6.5	0.9	7.1	5.4	0.7	6.6	5.1	0.7	6.2	4.9	0.7		
			66.2	9.7	5.8	0.7	10.0	6.3	0.8	9.8	6.3	0.9	8.0	5.2	0.8	7.5	5.0	0.7	7.0	4.7	0.7		
			73.4	9.5	2.7	0.8	9.8	3.0	0.9	9.6	3.0	1.0	7.9	2.5	0.8	7.4	2.3	0.8	6.9	2.2	0.8		
		80.6	60.8	8.9	7.5	0.7	9.2	8.2	0.8	9.0	8.1	0.9	7.4	6.7	0.7	6.9	6.4	0.7	6.4	6.1	0.7		
			66.2	9.9	7.5	0.7	10.2	8.1	0.9	10.0	8.0	0.9	8.2	6.7	0.8	7.7	6.4	0.7	7.2	6.1	0.7		
			73.4	10.5	5.1	0.7	10.9	5.5	0.9	10.6	5.4	1.0	8.7	4.5	0.8	8.1	4.3	0.7	7.6	4.1	0.8		
		84.2	66.2	10.1	8.0	0.7	10.4	8.7	0.9	10.2	8.6	0.9	8.4	7.1	0.8	7.8	6.8	0.7	7.3	6.5	0.8		
			60.8	9.4	8.4	0.7	9.7	9.1	0.8	9.5	9.0	0.9	7.8	7.5	0.8	7.3	7.2	0.7	6.8	6.8	0.7		
			66.2	10.2	8.5	0.7	10.5	9.2	0.9	10.3	9.2	0.9	8.4	7.6	0.8	7.9	7.3	0.7	7.4	6.9	0.8		
		86.0	73.4	10.7	7.0	0.8	11.1	7.6	0.9	10.8	7.5	1.0	8.9	6.2	0.8	8.3	6.0	0.8	7.7	5.7	0.8		
			60.8	9.9	9.1	0.7	10.2	9.8	0.9	10.0	9.7	0.9	8.2	8.1	0.8	7.6	7.8	0.7	7.1	7.4	0.7		
			66.2	10.5	9.6	0.7	10.9	10.4	0.9	10.6	10.3	1.0	8.7	8.5	0.8	8.1	8.2	0.7	7.6	7.8	0.8		
		89.6	73.4	10.8	8.7	0.8	11.2	9.4	0.9	11.0	9.3	1.0	8.9	7.7	0.8	8.4	7.4	0.8	7.8	7.0	0.8		
			48.2	6.3	3.5	0.5	6.5	3.8	0.6	6.4	3.8	0.7	5.2	3.1	0.6	4.9	3.0	0.5	4.6	2.9	0.5		
			53.6	6.5	2.3	0.6	6.7	2.5	0.7	6.6	2.5	0.7	5.4	2.1	0.6	5.1	2.0	0.6	4.7	1.9	0.6		
		Medium	324	64.4	59.0	7.9	2.4	0.6	8.1	2.6	0.7	8.0	2.5	0.8	6.5	2.1	0.6	6.1	2.0	0.6	5.7	1.9	0.6
					53.6	7.8	5.3	0.6	8.1	5.8	0.8	7.9	5.7	0.8	6.5	4.8	0.7	6.1	4.6	0.6	5.7	4.3	0.7
					59.0	8.0	4.4	0.7	8.3	4.7	0.8	8.1	4.7	0.8	6.6	3.9	0.7	6.2	3.7	0.7	5.8	3.6	0.7
69.8	66.2			9.3	3.5	0.7	9.6	3.7	0.8	9.4	3.7	0.9	7.7	3.1	0.7	7.2	3.0	0.7	6.7	2.8	0.7		
	60.8			8.4	5.5	0.7	8.7	5.9	0.8	8.5	5.9	0.8	6.9	4.9	0.7	6.5	4.7	0.7	6.1	4.5	0.7		
	66.2			9.5	5.3	0.7	9.8	5.8	0.8	9.6	5.7	0.9	7.9	4.8	0.8	7.4	4.6	0.7	6.9	4.3	0.7		
75.2	73.4			9.3	2.5	0.7	9.6	2.7	0.9	9.4	2.7	1.0	7.7	2.2	0.8	7.2	2.1	0.7	6.7	2.0	0.8		
	60.8			8.8	6.8	0.7	9.0	7.4	0.8	8.8	7.4	0.9	7.2	6.1	0.7	6.8	5.9	0.7	6.3	5.6	0.7		
	66.2			9.7	6.8	0.7	10.0	7.4	0.8	9.8	7.3	0.9	8.0	6.1	0.8	7.5	5.8	0.7	7.0	5.5	0.7		
80.6	73.4			10.3	4.6	0.7	10.6	5.0	0.9	10.4	4.9	0.9	8.5	4.1	0.8	8.0	3.9	0.7	7.4	3.7	0.8		
	66.2			9.9	7.3	0.7	10.2	7.9	0.9	10.0	7.8	0.9	8.2	6.5	0.8	7.7	6.2	0.7	7.2	5.9	0.7		
	60.8			9.2	7.6	0.7	9.5	8.3	0.8	9.3	8.2	0.9	7.6	6.8	0.7	7.1	6.5	0.7	6.7	6.2	0.7		
86.0	66.2			10.0	7.8	0.7	10.3	8.4	0.9	10.1	8.3	0.9	8.3	6.9	0.8	7.7	6.6	0.7	7.2	6.3	0.7		
	73.4			10.5	6.4	0.7	10.8	6.9	0.9	10.6	6.8	1.0	8.7	5.7	0.8	8.1	5.4	0.7	7.6	5.2	0.8		
	60.8			9.7	8.3	0.7	10.0	9.0	0.8	9.8	8.9	0.9	8.0	7.4	0.8	7.5	7.1	0.7	7.0	6.7	0.7		
89.6	66.2			10.3	8.7	0.7	10.6	9.5	0.9	10.4	9.4	0.9	8.5	7.8	0.8	8.0	7.4	0.7	7.4	7.1	0.8		
	73.4			10.8	8.1	0.8	11.2	8.7	0.9	11.0	8.7	1.0	8.9	7.2	0.8	8.4	6.9	0.8	7.8	6.5	0.8		
	48.2			6.0	3.2	0.5	6.2	3.5	0.6	6.0	3.4	0.7	4.9	2.9	0.6	4.6	2.7	0.5	4.3	2.6	0.5		
Low	265			64.4	53.6	6.2	2.1	0.6	6.4	2.3	0.6	6.3	2.2	0.7	5.1	1.9	0.6	4.8	1.8	0.6	4.5	1.7	0.6
					59.0	7.5	2.1	0.6	7.7	2.3	0.7	7.6	2.3	0.8	6.2	1.9	0.6	5.8	1.8	0.6	5.4	1.7	0.6
					53.6	7.4	4.9	0.6	7.7	5.3	0.7	7.5	5.2	0.8	6.1	4.3	0.7	5.8	4.1	0.6	5.4	3.9	0.7
				69.8	59.0	7.6	4.0	0.7	7.9	4.3	0.8	7.7	4.3	0.8	6.3	3.5	0.7	5.9	3.4	0.7	5.5	3.2	0.7
					66.2	8.9	3.1	0.7	9.1	3.4	0.8	9.0	3.4	0.9	7.3	2.8	0.7	6.9	2.7	0.7	6.4	2.6	0.7
					60.8	8.0	5.0	0.7	8.2	5.4	0.8	8.0	5.3	0.8	6.6	4.5	0.7	6.2	4.3	0.7	5.7	4.0	0.7
		75.2	66.2	9.0	4.8	0.7	9.3	5.2	0.8	9.1	5.2	0.9	7.5	4.3	0.7	7.0	4.1	0.7	6.5	3.9	0.7		
			73.4	8.9	2.3	0.7	9.1	2.5	0.9	9.0	2.4	0.9	7.3	2.0	0.8	6.9	1.9	0.7	6.4	1.8	0.8		
			60.8	8.3	6.2	0.7	8.6	6.7	0.8	8.4	6.7	0.9	6.9	5.6	0.7	6.4	5.3	0.7	6.0	5.1	0.7		
		80.6	66.2	9.2	6.2	0.7	9.5	6.7	0.8	9.3	6.6	0.9	7.6	5.5	0.8	7.1	5.3	0.7	6.7	5.0	0.7		
			73.4	9.8	4.2	0.7	10.1	4.5	0.9	9.9	4.5	0.9	8.1	3.7	0.8	7.6	3.6	0.7	7.1	3.4	0.7		
			66.2	9.4	6.6	0.7	9.7	7.2	0.8	9.5	7.1	0.9	7.8	5.9	0.8	7.3	5.6	0.7	6.8	5.4	0.7		
		84.2	60.8	8.8	6.9	0.7	9.0	7.5	0.8	8.8	7.5	0.9	7.2	6.2	0.7	6.8	5.9	0.7	6.3	5.6	0.7		
			66.2	9.5	7.1	0.7	9.8	7.7	0.8	9.6	7.6	0.9	7.8	6.3	0.8	7.4	6.0	0.7	6.9	5.7	0.7		
			73.4	10.0	5.8	0.7	10.3	6.3	0.9	10.1	6.2	0.9	8.2	5.2	0.8	7.7	4.9	0.7	7.2	4.7	0.8		
		86.0	60.8	9.2	7.5	0.7	9.5	8.2	0.8	9.3	8.1	0.9	7.6	6.7	0.8	7.1	6.4	0.7	6.6	6.1	0.7		
			66.2	9.8	7.9	0.7	10.1	8.6	0.9	9.9	8.5	0.9	8.1	7.1	0.8	7.6	6.8	0.7	7.1	6.4	0.7		
			73.4	10.8	7.7	0.8	11.2	8.4	0.9	11.0	8.3	1.0	8.9	6.9	0.8	8.4	6.6	0.8	7.8	6.3	0.8		

Outdoor Unit:GUHD12NK3C1O Indoor Unit:GTH12K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)															
				5			14			19.4			23			32			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	412	64.4	48.2	5.0	2.3	0.4	5.0	2.3	0.4	5.1	2.4	0.4	5.2	2.5	0.5	5.3	2.5	0.5	
			53.6	5.1	1.5	0.5	5.2	1.5	0.5	5.3	1.6	0.5	5.4	1.6	0.5	5.5	1.6	0.5	
		69.8	59.0	6.2	1.5	0.5	6.3	1.6	0.5	6.4	1.6	0.5	6.5	1.7	0.5	6.6	1.7	0.5	
			53.6	6.2	3.4	0.5	6.3	3.5	0.5	6.4	3.6	0.5	6.5	3.7	0.5	6.5	3.8	0.6	
		75.2	59.0	6.3	2.8	0.5	6.4	2.9	0.5	6.5	3.0	0.6	6.6	3.1	0.6	6.7	3.1	0.6	
			66.2	7.4	2.2	0.6	7.5	2.3	0.6	7.6	2.3	0.6	7.7	2.4	0.6	7.8	2.5	0.6	
		80.6	60.8	6.6	3.5	0.5	6.7	3.6	0.5	6.8	3.7	0.5	6.9	3.8	0.6	7.0	3.9	0.6	
			66.2	7.5	3.4	0.6	7.6	3.5	0.6	7.7	3.6	0.6	7.8	3.7	0.6	8.0	3.8	0.6	
		84.2	73.4	7.4	1.6	0.6	7.5	1.7	0.6	7.6	1.7	0.6	7.7	1.7	0.6	7.8	1.8	0.6	
			60.8	6.9	4.4	0.6	7.0	4.5	0.6	7.1	4.6	0.6	7.2	4.8	0.6	7.3	4.9	0.6	
		86.0	66.2	7.7	4.4	0.6	7.8	4.5	0.6	7.9	4.6	0.6	8.0	4.7	0.6	8.1	4.9	0.6	
			73.4	8.1	3.0	0.6	8.2	3.0	0.6	8.4	3.1	0.6	8.5	3.2	0.6	8.6	3.3	0.6	
	89.6	66.2	7.8	4.7	0.6	7.9	4.8	0.6	8.0	4.9	0.6	8.2	5.1	0.6	8.3	5.2	0.6		
		60.8	7.3	4.9	0.6	7.4	5.0	0.6	7.5	5.2	0.6	7.6	5.3	0.6	7.7	5.5	0.6		
	Medium	353	64.4	66.2	7.9	5.0	0.6	8.0	5.1	0.6	8.1	5.3	0.6	8.2	5.4	0.6	8.4	5.6	0.6
				73.4	8.3	4.1	0.6	8.4	4.2	0.6	8.5	4.3	0.6	8.7	4.4	0.6	8.8	4.6	0.6
			69.8	60.8	7.6	5.3	0.6	7.7	5.5	0.6	7.9	5.6	0.6	8.0	5.8	0.6	8.1	5.9	0.6
				66.2	8.1	5.6	0.6	8.2	5.7	0.6	8.4	5.9	0.6	8.5	6.1	0.6	8.6	6.3	0.6
			75.2	73.4	8.4	5.1	0.6	8.5	5.2	0.6	8.6	5.4	0.6	8.7	5.5	0.6	8.9	5.7	0.6
				48.2	4.9	2.1	0.4	4.9	2.1	0.4	5.0	2.2	0.4	5.1	2.2	0.4	5.2	2.3	0.5
		294	64.4	53.6	5.0	1.3	0.4	5.1	1.4	0.5	5.2	1.4	0.5	5.3	1.5	0.5	5.4	1.5	0.5
				59.0	6.1	1.4	0.5	6.2	1.4	0.5	6.3	1.5	0.5	6.4	1.5	0.5	6.4	1.5	0.5
			69.8	53.6	6.1	3.1	0.5	6.1	3.2	0.5	6.2	3.3	0.5	6.3	3.4	0.5	6.4	3.5	0.6
				59.0	6.2	2.6	0.5	6.3	2.6	0.5	6.4	2.7	0.5	6.5	2.8	0.6	6.6	2.9	0.6
75.2			66.2	7.2	2.0	0.6	7.3	2.1	0.6	7.4	2.1	0.6	7.5	2.2	0.6	7.6	2.3	0.6	
			60.8	6.5	3.2	0.5	6.6	3.3	0.5	6.7	3.4	0.5	6.8	3.5	0.6	6.9	3.6	0.6	
80.6	66.2	7.4	3.1	0.6	7.5	3.2	0.6	7.6	3.3	0.6	7.7	3.4	0.6	7.8	3.5	0.6			
	73.4	7.2	1.5	0.6	7.3	1.5	0.6	7.4	1.6	0.6	7.5	1.6	0.6	7.6	1.6	0.6			
84.2	60.8	6.8	4.0	0.6	6.9	4.1	0.6	7.0	4.2	0.6	7.1	4.4	0.6	7.2	4.5	0.6			
	66.2	7.5	4.0	0.6	7.6	4.1	0.6	7.7	4.2	0.6	7.8	4.3	0.6	8.0	4.4	0.6			
86.0	73.4	8.0	2.7	0.6	8.1	2.8	0.6	8.2	2.9	0.6	8.3	2.9	0.6	8.4	3.0	0.6			
	66.2	7.7	4.3	0.6	7.8	4.4	0.6	7.9	4.5	0.6	8.0	4.6	0.6	8.1	4.8	0.6			
89.6	60.8	7.1	4.5	0.6	7.2	4.6	0.6	7.3	4.7	0.6	7.4	4.9	0.6	7.5	5.0	0.6			
	66.2	7.7	4.5	0.6	7.8	4.7	0.6	8.0	4.8	0.6	8.1	4.9	0.6	8.2	5.1	0.6			
Low	294	64.4	73.4	8.1	3.7	0.6	8.2	3.8	0.6	8.4	3.9	0.6	8.5	4.0	0.6	8.6	4.2	0.6	
			60.8	7.5	4.8	0.6	7.6	5.0	0.6	7.7	5.1	0.6	7.8	5.3	0.6	7.9	5.4	0.6	
		69.8	66.2	8.0	5.1	0.6	8.1	5.2	0.6	8.2	5.4	0.6	8.3	5.5	0.6	8.4	5.7	0.6	
			73.4	8.4	4.7	0.6	8.5	4.8	0.6	8.6	5.0	0.6	8.7	5.1	0.6	8.9	5.3	0.6	
		75.2	48.2	4.6	1.9	0.4	4.7	1.9	0.4	4.8	2.0	0.4	4.8	2.0	0.4	4.9	2.1	0.5	
			53.6	4.8	1.2	0.4	4.9	1.3	0.4	4.9	1.3	0.5	5.0	1.3	0.5	5.1	1.4	0.5	
		80.6	59.0	5.8	1.3	0.5	5.9	1.3	0.5	5.9	1.3	0.5	6.0	1.4	0.5	6.1	1.4	0.5	
			53.6	5.7	2.8	0.5	5.8	2.9	0.5	5.9	3.0	0.5	6.0	3.1	0.5	6.1	3.2	0.5	
		84.2	59.0	5.9	2.3	0.5	6.0	2.4	0.5	6.1	2.5	0.5	6.1	2.5	0.5	6.2	2.6	0.6	
			66.2	6.8	1.8	0.6	6.9	1.9	0.6	7.0	1.9	0.6	7.1	2.0	0.6	7.3	2.1	0.6	
		86.0	60.8	6.1	2.9	0.5	6.2	3.0	0.5	6.3	3.1	0.5	6.4	3.2	0.5	6.5	3.3	0.6	
			66.2	7.0	2.8	0.6	7.1	2.9	0.6	7.2	3.0	0.6	7.3	3.1	0.6	7.4	3.2	0.6	
	89.6	73.4	6.8	1.3	0.6	6.9	1.4	0.6	7.0	1.4	0.6	7.1	1.4	0.6	7.3	1.5	0.6		
		60.8	6.4	3.6	0.6	6.5	3.7	0.6	6.6	3.8	0.6	6.7	4.0	0.6	6.8	4.1	0.6		
	353	64.4	66.2	7.1	3.6	0.6	7.2	3.7	0.6	7.3	3.8	0.6	7.4	3.9	0.6	7.6	4.0	0.6	
			73.4	7.5	2.4	0.6	7.7	2.5	0.6	7.8	2.6	0.6	7.9	2.7	0.6	8.0	2.7	0.6	
		69.8	66.2	7.3	3.9	0.6	7.4	4.0	0.6	7.5	4.1	0.6	7.6	4.2	0.6	7.7	4.3	0.6	
			60.8	6.7	4.1	0.6	6.8	4.2	0.6	7.0	4.3	0.6	7.1	4.4	0.6	7.2	4.5	0.6	
		75.2	66.2	7.3	4.1	0.6	7.4	4.2	0.6	7.6	4.4	0.6	7.7	4.5	0.6	7.8	4.6	0.6	
			73.4	7.7	3.4	0.6	7.8	3.5	0.6	7.9	3.6	0.6	8.1	3.7	0.6	8.2	3.8	0.6	
		80.6	60.8	7.1	4.4	0.6	7.2	4.5	0.6	7.3	4.6	0.6	7.4	4.8	0.6	7.5	4.9	0.6	
			66.2	7.5	4.6	0.6	7.7	4.8	0.6	7.8	4.9	0.6	7.9	5.0	0.6	8.0	5.2	0.6	
		84.2	73.4	8.4	4.5	0.6	8.5	4.6	0.6	8.6	4.8	0.6	8.7	4.9	0.6	8.9	5.0	0.6	
			60.8	7.1	4.4	0.6	7.2	4.5	0.6	7.3	4.6	0.6	7.4	4.8	0.6	7.5	4.9	0.6	
89.6		66.2	7.5	4.6	0.6	7.7	4.8	0.6	7.8	4.9	0.6	7.9	5.0	0.6	8.0	5.2	0.6		
		73.4	8.4	4.5	0.6	8.5	4.6	0.6	8.6	4.8	0.6	8.7	4.9	0.6	8.9	5.0	0.6		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																			
				41			50			59			64.4			69.8			77				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	412	64.4	48.2	5.3	2.6	0.5	5.4	2.7	0.5	5.5	2.7	0.5	5.6	2.8	0.5	6.0	3.2	0.5	7.0	4.0	0.6		
			53.6	5.5	1.7	0.5	5.6	1.7	0.5	5.7	1.8	0.5	5.8	1.9	0.5	6.2	2.1	0.6	7.3	2.6	0.6		
			59.0	6.7	1.7	0.5	6.8	1.8	0.5	6.9	1.8	0.6	7.0	1.9	0.6	7.5	2.2	0.6	8.7	2.7	0.7		
		69.8	53.6	6.6	3.9	0.6	6.7	4.0	0.6	6.8	4.2	0.6	7.0	4.3	0.6	7.5	4.9	0.7	8.7	6.0	0.7		
			59.0	6.8	3.2	0.6	6.9	3.3	0.6	7.0	3.4	0.6	7.2	3.5	0.6	7.7	4.0	0.7	8.9	4.9	0.7		
			66.2	7.9	2.5	0.6	8.0	2.6	0.6	8.1	2.7	0.6	8.4	2.8	0.7	8.9	3.2	0.7	10.4	3.9	0.8		
		75.2	60.8	7.1	4.0	0.6	7.2	4.2	0.6	7.3	4.3	0.6	7.5	4.4	0.6	8.0	5.0	0.7	9.3	6.2	0.7		
			66.2	8.1	3.9	0.6	8.2	4.0	0.6	8.3	4.1	0.7	8.5	4.3	0.7	9.1	4.9	0.7	10.6	6.0	0.8		
			73.4	7.9	1.8	0.7	8.0	1.9	0.7	8.1	1.9	0.7	8.4	2.0	0.7	8.9	2.3	0.8	10.4	2.8	0.8		
		80.6	60.8	7.4	5.1	0.6	7.5	5.2	0.6	7.6	5.3	0.6	7.8	5.5	0.7	8.4	6.3	0.7	9.7	7.7	0.8		
			66.2	8.2	5.0	0.6	8.4	5.1	0.6	8.5	5.3	0.7	8.7	5.5	0.7	9.3	6.2	0.7	10.8	7.7	0.8		
			73.4	8.7	3.4	0.6	8.9	3.5	0.7	9.0	3.6	0.7	9.2	3.7	0.7	9.8	4.2	0.8	11.4	5.2	0.8		
		84.2	66.2	8.4	5.4	0.6	8.5	5.5	0.7	8.6	5.7	0.7	8.9	5.9	0.7	9.5	6.7	0.7	11.0	8.2	0.8		
			60.8	7.8	5.6	0.6	7.9	5.8	0.6	8.0	5.9	0.6	8.2	6.2	0.7	8.8	7.0	0.7	10.2	8.6	0.8		
			66.2	8.5	5.7	0.6	8.6	5.9	0.7	8.7	6.0	0.7	9.0	6.3	0.7	9.6	7.1	0.7	11.1	8.8	0.8		
		86.0	73.4	8.9	4.7	0.7	9.0	4.8	0.7	9.2	4.9	0.7	9.4	5.1	0.7	10.0	5.8	0.8	11.7	7.2	0.8		
			60.8	8.2	6.1	0.6	8.3	6.3	0.6	8.4	6.4	0.7	8.7	6.7	0.7	9.2	7.6	0.7	10.7	9.3	0.8		
			66.2	8.7	6.4	0.6	8.9	6.6	0.7	9.0	6.8	0.7	9.2	7.1	0.7	9.8	8.0	0.8	11.4	9.8	0.8		
		89.6	73.4	9.0	5.8	0.7	9.1	6.0	0.7	9.2	6.1	0.7	9.5	6.4	0.7	10.1	7.2	0.8	11.8	8.9	0.8		
			48.2	5.2	2.4	0.5	5.3	2.4	0.5	5.4	2.5	0.5	5.5	2.6	0.5	5.9	2.9	0.5	6.9	3.6	0.6		
			53.6	5.4	1.5	0.5	5.5	1.6	0.5	5.6	1.6	0.5	5.7	1.7	0.5	6.1	1.9	0.6	7.1	2.4	0.6		
		Medium	353	64.4	59.0	6.5	1.6	0.5	6.6	1.6	0.5	6.7	1.7	0.6	6.9	1.7	0.6	7.4	2.0	0.6	8.6	2.4	0.7
					53.6	6.5	3.6	0.6	6.6	3.7	0.6	6.7	3.8	0.6	6.9	3.9	0.6	7.3	4.5	0.7	8.5	5.5	0.7
					59.0	6.7	2.9	0.6	6.8	3.0	0.6	6.9	3.1	0.6	7.0	3.2	0.6	7.5	3.7	0.7	8.7	4.5	0.7
69.8	66.2			7.7	2.3	0.6	7.9	2.4	0.6	8.0	2.5	0.6	8.2	2.5	0.7	8.7	2.9	0.7	10.2	3.6	0.8		
	60.8			7.0	3.7	0.6	7.1	3.8	0.6	7.2	3.9	0.6	7.4	4.0	0.6	7.8	4.6	0.7	9.1	5.6	0.7		
	66.2			7.9	3.6	0.6	8.0	3.7	0.6	8.1	3.8	0.6	8.4	3.9	0.7	8.9	4.5	0.7	10.4	5.5	0.8		
75.2	73.4			7.8	1.7	0.6	7.9	1.7	0.7	8.0	1.8	0.7	8.2	1.8	0.7	8.7	2.1	0.8	10.2	2.6	0.8		
	60.8			7.3	4.6	0.6	7.4	4.7	0.6	7.5	4.9	0.6	7.7	5.1	0.7	8.2	5.7	0.7	9.5	7.0	0.8		
	66.2			8.1	4.6	0.6	8.2	4.7	0.6	8.3	4.8	0.7	8.5	5.0	0.7	9.1	5.7	0.7	10.6	7.0	0.8		
80.6	73.4			8.6	3.1	0.6	8.7	3.2	0.7	8.8	3.3	0.7	9.0	3.4	0.7	9.6	3.9	0.7	11.2	4.7	0.8		
	66.2			8.2	4.9	0.6	8.3	5.0	0.6	8.5	5.2	0.7	8.7	5.4	0.7	9.3	6.1	0.7	10.8	7.5	0.8		
	60.8			7.6	5.1	0.6	7.8	5.3	0.6	7.9	5.4	0.6	8.1	5.6	0.7	8.6	6.4	0.7	10.0	7.9	0.8		
86.0	66.2			8.3	5.2	0.6	8.4	5.4	0.6	8.5	5.5	0.7	8.8	5.7	0.7	9.4	6.5	0.7	10.9	8.0	0.8		
	73.4			8.7	4.3	0.6	8.9	4.4	0.7	9.0	4.5	0.7	9.2	4.7	0.7	9.8	5.3	0.8	11.4	6.5	0.8		
	60.8			8.0	5.6	0.6	8.2	5.7	0.6	8.3	5.9	0.6	8.5	6.1	0.7	9.1	6.9	0.7	10.5	8.5	0.8		
89.6	66.2			8.6	5.9	0.6	8.7	6.0	0.7	8.8	6.2	0.7	9.0	6.4	0.7	9.6	7.3	0.7	11.2	9.0	0.8		
	73.4			9.0	5.4	0.7	9.1	5.6	0.7	9.2	5.7	0.7	9.5	5.9	0.7	10.1	6.7	0.8	11.8	8.3	0.8		
	48.2			5.0	2.1	0.5	5.0	2.2	0.5	5.1	2.3	0.5	5.2	2.4	0.5	5.6	2.7	0.5	6.5	3.3	0.6		
Low	294			64.4	53.6	5.1	1.4	0.5	5.2	1.4	0.5	5.3	1.5	0.5	5.4	1.5	0.5	5.8	1.7	0.6	6.7	2.1	0.6
					59.0	6.2	1.4	0.5	6.3	1.5	0.5	6.4	1.5	0.5	6.6	1.6	0.6	7.0	1.8	0.6	8.1	2.2	0.7
					53.6	6.2	3.3	0.6	6.3	3.4	0.6	6.4	3.4	0.6	6.5	3.6	0.6	7.0	4.1	0.6	8.1	5.0	0.7
				69.8	59.0	6.3	2.7	0.6	6.4	2.7	0.6	6.5	2.8	0.6	6.7	2.9	0.6	7.1	3.3	0.7	8.3	4.1	0.7
					66.2	7.4	2.1	0.6	7.5	2.2	0.6	7.6	2.2	0.6	7.8	2.3	0.7	8.3	2.6	0.7	9.6	3.2	0.8
					60.8	6.6	3.3	0.6	6.7	3.4	0.6	6.8	3.5	0.6	7.0	3.7	0.6	7.4	4.2	0.7	8.7	5.1	0.7
		75.2	66.2	7.5	3.3	0.6	7.6	3.3	0.6	7.7	3.4	0.6	7.9	3.6	0.7	8.5	4.0	0.7	9.8	5.0	0.8		
			73.4	7.4	1.5	0.6	7.5	1.6	0.7	7.6	1.6	0.7	7.8	1.7	0.7	8.3	1.9	0.7	9.6	2.3	0.8		
			60.8	6.9	4.2	0.6	7.0	4.3	0.6	7.1	4.4	0.6	7.3	4.6	0.7	7.8	5.2	0.7	9.0	6.4	0.8		
		80.6	66.2	7.7	4.1	0.6	7.8	4.3	0.6	7.9	4.4	0.6	8.1	4.6	0.7	8.6	5.2	0.7	10.0	6.3	0.8		
			73.4	8.1	2.8	0.6	8.2	2.9	0.6	8.3	3.0	0.7	8.6	3.1	0.7	9.1	3.5	0.7	10.6	4.3	0.8		
			66.2	7.8	4.4	0.6	7.9	4.6	0.6	8.0	4.7	0.6	8.3	4.9	0.7	8.8	5.5	0.7	10.2	6.8	0.8		
		84.2	60.8	7.3	4.7	0.6	7.4	4.8	0.6	7.5	4.9	0.6	7.7	5.1	0.7	8.2	5.8	0.7	9.5	7.1	0.8		
			66.2	7.9	4.7	0.6	8.0	4.9	0.6	8.1	5.0	0.6	8.3	5.2	0.7	8.9	5.9	0.7	10.3	7.3	0.8		
			73.4	8.3	3.9	0.6	8.4	4.0	0.7	8.5	4.1	0.7	8.8	4.3	0.7	9.3	4.8	0.7	10.9	5.9	0.8		
		86.0	60.8	7.6	5.0	0.6	7.7	5.2	0.6	7.8	5.3	0.6	8.1	5.5	0.7	8.6	6.3	0.7	10.0	7.7	0.8		
			66.2	8.1	5.3	0.6	8.2	5.5	0.6	8.3	5.6	0.7	8.6	5.8	0.7	9.1	6.6	0.7	10.6	8.1	0.8		
			73.4	9.0	5.2	0.7	9.1	5.3	0.7	9.2	5.5	0.7	9.5	5.7	0.7	10.1	6.4	0.8	11.8	7.9	0.8		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																			
				86			95			102.2			109.4			114.8			118.4				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	412	64.4	48.2	7.3	4.4	0.7	7.5	4.7	0.8	7.4	4.7	0.9	6.0	3.9	0.7	5.6	3.7	0.7	5.3	3.6	0.7		
			53.6	7.6	2.9	0.7	7.8	3.1	0.8	7.6	3.1	0.9	6.2	2.6	0.7	5.8	2.4	0.7	5.5	2.3	0.7		
			59.0	9.1	2.9	0.8	9.4	3.2	0.9	9.2	3.2	1.0	7.5	2.6	0.8	7.0	2.5	0.8	6.6	2.4	0.8		
		69.8	53.6	9.1	6.6	0.8	9.4	7.2	0.9	9.2	7.1	1.0	7.5	5.9	0.8	7.0	5.7	0.8	6.5	5.4	0.8		
			59.0	9.3	5.4	0.8	9.6	5.9	1.0	9.4	5.8	1.1	7.7	4.9	0.9	7.2	4.6	0.8	6.7	4.4	0.8		
			66.2	10.8	4.3	0.9	11.1	4.7	1.0	10.9	4.6	1.1	8.9	3.8	0.9	8.4	3.7	0.9	7.8	3.5	0.9		
		75.2	60.8	9.7	6.8	0.8	10.0	7.4	1.0	9.8	7.3	1.1	8.0	6.1	0.9	7.5	5.8	0.8	7.0	5.5	0.8		
			66.2	11.0	6.6	0.9	11.4	7.2	1.0	11.1	7.1	1.1	9.1	5.9	0.9	8.5	5.7	0.9	8.0	5.4	0.9		
			73.4	10.8	3.1	0.9	11.1	3.4	1.1	10.9	3.3	1.2	8.9	2.8	1.0	8.4	2.7	0.9	7.8	2.5	0.9		
		80.6	60.8	10.1	8.5	0.9	10.4	9.2	1.0	10.2	9.1	1.1	8.4	7.6	0.9	7.8	7.3	0.9	7.3	6.9	0.9		
			66.2	11.3	8.4	0.9	11.6	9.2	1.1	11.4	9.1	1.2	9.3	7.6	1.0	8.7	7.2	0.9	8.1	6.9	0.9		
			73.4	11.9	5.7	0.9	12.3	6.2	1.1	12.1	6.2	1.2	9.8	5.1	1.0	9.2	4.9	0.9	8.6	4.7	0.9		
		84.2	66.2	11.5	9.0	0.9	11.8	9.8	1.1	11.6	9.7	1.2	9.5	8.1	1.0	8.9	7.7	0.9	8.3	7.4	0.9		
			60.8	10.7	9.5	0.9	11.0	10.3	1.0	10.8	10.2	1.1	8.8	8.5	0.9	8.2	8.1	0.9	7.7	7.7	0.9		
			66.2	11.6	9.7	0.9	11.9	10.5	1.1	11.7	10.4	1.2	9.6	8.6	1.0	9.0	8.3	0.9	8.4	7.8	0.9		
		86.0	73.4	12.2	7.9	0.9	12.5	8.6	1.1	12.3	8.5	1.2	10.0	7.1	1.0	9.4	6.8	0.9	8.8	6.4	0.9		
			60.8	11.2	10.3	0.9	11.6	11.2	1.1	11.3	11.0	1.2	9.2	9.2	1.0	8.7	8.8	0.9	8.1	8.4	0.9		
			66.2	11.9	10.8	0.9	12.3	11.8	1.1	12.1	11.6	1.2	9.8	9.7	1.0	9.2	9.3	0.9	8.6	8.8	0.9		
		89.6	73.4	12.3	9.8	0.9	12.7	10.7	1.1	12.4	10.5	1.2	10.1	8.8	1.0	9.5	8.4	0.9	8.9	8.0	0.9		
			48.2	7.1	4.0	0.7	7.4	4.3	0.8	7.2	4.3	0.8	5.9	3.6	0.7	5.5	3.4	0.7	5.2	3.2	0.7		
			53.6	7.4	2.6	0.7	7.6	2.8	0.8	7.5	2.8	0.9	6.1	2.3	0.7	5.7	2.2	0.7	5.4	2.1	0.7		
		Medium	353	64.4	59.0	8.9	2.7	0.8	9.2	2.9	0.9	9.0	2.9	1.0	7.4	2.4	0.8	6.9	2.3	0.8	6.4	2.2	0.8
					53.6	8.9	6.1	0.8	9.2	6.6	0.9	9.0	6.5	1.0	7.3	5.4	0.8	6.9	5.2	0.8	6.4	4.9	0.8
					59.0	9.1	5.0	0.8	9.4	5.4	1.0	9.2	5.3	1.0	7.5	4.4	0.9	7.0	4.2	0.8	6.6	4.0	0.8
69.8	66.2			10.6	3.9	0.9	10.9	4.2	1.0	10.7	4.2	1.1	8.7	3.5	0.9	8.2	3.3	0.9	7.6	3.2	0.9		
	60.8			9.5	6.2	0.8	9.8	6.7	1.0	9.6	6.7	1.0	7.8	5.6	0.9	7.4	5.3	0.8	6.9	5.0	0.8		
	66.2			10.8	6.0	0.9	11.1	6.5	1.0	10.9	6.5	1.1	8.9	5.4	0.9	8.4	5.2	0.9	7.8	4.9	0.9		
75.2	73.4			10.6	2.8	0.9	10.9	3.1	1.1	10.7	3.0	1.2	8.7	2.5	1.0	8.2	2.4	0.9	7.6	2.3	0.9		
	60.8			9.9	7.8	0.9	10.2	8.4	1.0	10.0	8.3	1.1	8.2	6.9	0.9	7.7	6.6	0.9	7.2	6.3	0.9		
	66.2			11.0	7.7	0.9	11.4	8.4	1.0	11.1	8.3	1.1	9.1	6.9	0.9	8.5	6.6	0.9	8.0	6.3	0.9		
80.6	73.4			11.7	5.2	0.9	12.1	5.7	1.1	11.8	5.6	1.2	9.6	4.7	1.0	9.0	4.5	0.9	8.4	4.2	0.9		
	66.2			11.2	8.2	0.9	11.6	8.9	1.1	11.4	8.9	1.2	9.3	7.4	1.0	8.7	7.0	0.9	8.1	6.7	0.9		
	60.8			10.4	8.7	0.9	10.8	9.4	1.0	10.6	9.3	1.1	8.6	7.7	0.9	8.1	7.4	0.9	7.5	7.0	0.9		
86.0	66.2			11.4	8.8	0.9	11.7	9.5	1.1	11.5	9.5	1.2	9.4	7.9	1.0	8.8	7.5	0.9	8.2	7.2	0.9		
	73.4			11.9	7.2	0.9	12.3	7.8	1.1	12.0	7.7	1.2	9.8	6.4	1.0	9.2	6.2	0.9	8.6	5.9	0.9		
	60.8			11.0	9.4	0.9	11.3	10.2	1.0	11.1	10.1	1.1	9.1	8.4	0.9	8.5	8.0	0.9	7.9	7.6	0.9		
89.6	66.2			11.7	9.9	0.9	12.1	10.7	1.1	11.8	10.6	1.2	9.6	8.8	1.0	9.0	8.4	0.9	8.4	8.0	0.9		
	73.4			12.3	9.1	0.9	12.7	9.9	1.1	12.4	9.8	1.2	10.1	8.2	1.0	9.5	7.8	0.9	8.9	7.4	0.9		
	48.2			6.8	3.6	0.7	7.0	3.9	0.8	6.9	3.9	0.8	5.6	3.2	0.7	5.2	3.1	0.7	4.9	2.9	0.7		
Low	294			64.4	53.6	7.0	2.4	0.7	7.3	2.6	0.8	7.1	2.5	0.9	5.8	2.1	0.7	5.4	2.0	0.7	5.1	1.9	0.7
					59.0	8.5	2.4	0.7	8.7	2.6	0.9	8.6	2.6	1.0	7.0	2.2	0.8	6.6	2.1	0.7	6.1	2.0	0.8
					53.6	8.4	5.5	0.8	8.7	6.0	0.9	8.5	5.9	1.0	7.0	4.9	0.8	6.5	4.7	0.8	6.1	4.5	0.8
				69.8	59.0	8.6	4.5	0.8	8.9	4.9	0.9	8.7	4.8	1.0	7.1	4.0	0.9	6.7	3.8	0.8	6.2	3.7	0.8
					66.2	10.0	3.6	0.9	10.4	3.9	1.0	10.2	3.8	1.1	8.3	3.2	0.9	7.8	3.0	0.9	7.3	2.9	0.9
					60.8	9.0	5.6	0.8	9.3	6.1	0.9	9.1	6.1	1.0	7.4	5.0	0.9	7.0	4.8	0.8	6.5	4.6	0.8
		75.2	66.2	10.3	5.5	0.9	10.6	5.9	1.0	10.4	5.9	1.1	8.5	4.9	0.9	7.9	4.7	0.9	7.4	4.5	0.9		
			73.4	10.1	2.6	0.9	10.4	2.8	1.1	10.2	2.8	1.2	8.3	2.3	1.0	7.8	2.2	0.9	7.3	2.1	0.9		
			60.8	9.4	7.0	0.9	9.7	7.6	1.0	9.5	7.6	1.1	7.8	6.3	0.9	7.3	6.0	0.9	6.8	5.7	0.9		
		80.6	66.2	10.5	7.0	0.9	10.8	7.6	1.0	10.6	7.5	1.1	8.6	6.3	0.9	8.1	6.0	0.9	7.6	5.7	0.9		
			73.4	11.1	4.7	0.9	11.4	5.1	1.1	11.2	5.1	1.2	9.1	4.2	1.0	8.6	4.1	0.9	8.0	3.9	0.9		
			66.2	10.7	7.5	0.9	11.0	8.1	1.0	10.8	8.0	1.1	8.8	6.7	0.9	8.3	6.4	0.9	7.7	6.1	0.9		
		84.2	60.8	9.9	7.9	0.9	10.2	8.5	1.0	10.0	8.5	1.1	8.2	7.0	0.9	7.7	6.7	0.9	7.2	6.4	0.9		
			66.2	10.8	8.0	0.9	11.1	8.7	1.0	10.9	8.6	1.1	8.9	7.1	0.9	8.3	6.8	0.9	7.8	6.5	0.9		
			73.4	11.3	6.5	0.9	11.7	7.1	1.1	11.4	7.0	1.2	9.3	5.9	1.0	8.8	5.6	0.9	8.2	5.3	0.9		
		86.0	60.8	10.4	8.5	0.9	10.7	9.2	1.0	10.5	9.1	1.1	8.6	7.6	0.9	8.1	7.3	0.9	7.5	6.9	0.9		
			66.2	11.1	9.0	0.9	11.4	9.7	1.1	11.2	9.6	1.2	9.1	8.0	1.0	8.6	7.7	0.9	8.0	7.3	0.9		
			73.4	12.3	8.7	0.9	12.7	9.5	1.1	12.4	9.4	1.2	10.1	7.8	1.0	9.5	7.5	0.9	8.9	7.1	0.9		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD18NK3C1O Indoor Unit:GTH18K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																
				5			14			19.4			23			32				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	530	64.4	48.2	7.7	3.5	0.7	7.9	3.6	0.7	8.0	3.7	0.7	8.1	3.8	0.7	8.2	3.9	0.7		
			53.6	8.0	2.3	0.7	8.1	2.4	0.7	8.3	2.4	0.7	8.4	2.5	0.7	8.5	2.6	0.8		
			59.0	9.7	2.4	0.8	9.8	2.4	0.8	10.0	2.5	0.8	10.1	2.6	0.8	10.3	2.6	0.8		
		69.8	53.6	9.6	5.3	0.8	9.8	5.5	0.8	9.9	5.7	0.8	10.1	5.8	0.9	10.2	6.0	0.9		
			59.0	9.9	4.4	0.8	10.0	4.5	0.8	10.2	4.6	0.9	10.3	4.8	0.9	10.5	4.9	0.9		
			66.2	11.5	3.5	0.9	11.6	3.6	0.9	11.8	3.7	0.9	12.0	3.8	0.9	12.2	3.9	1.0		
		75.2	60.8	10.3	5.5	0.8	10.4	5.6	0.8	10.6	5.8	0.9	10.8	6.0	0.9	10.9	6.1	0.9		
			66.2	11.7	5.3	0.9	11.9	5.5	0.9	12.1	5.6	0.9	12.2	5.8	0.9	12.4	6.0	1.0		
			73.4	11.5	2.5	0.9	11.6	2.6	1.0	11.8	2.7	1.0	12.0	2.7	1.0	12.2	2.8	1.0		
		80.6	60.8	10.7	6.8	0.9	10.9	7.0	0.9	11.1	7.2	0.9	11.2	7.5	0.9	11.4	7.7	0.9		
			66.2	11.9	6.8	0.9	12.1	7.0	0.9	12.3	7.2	0.9	12.5	7.4	1.0	12.7	7.6	1.0		
			73.4	12.7	4.6	0.9	12.8	4.7	0.9	13.0	4.9	1.0	13.2	5.0	1.0	13.4	5.2	1.0		
		84.2	66.2	12.2	7.3	0.9	12.4	7.5	0.9	12.5	7.7	0.9	12.7	7.9	1.0	12.9	8.1	1.0		
			86.0	60.8	11.3	7.6	0.9	11.5	7.9	0.9	11.7	8.1	0.9	11.8	8.3	0.9	12.0	8.6	1.0	
				66.2	12.3	7.8	0.9	12.5	8.0	0.9	12.7	8.2	0.9	12.9	8.5	1.0	13.0	8.7	1.0	
		73.4		12.9	6.4	0.9	13.1	6.5	1.0	13.3	6.7	1.0	13.5	6.9	1.0	13.7	7.1	1.0		
		89.6	60.8	11.9	8.3	0.9	12.1	8.5	0.9	12.3	8.8	0.9	12.4	9.0	1.0	12.6	9.3	1.0		
			66.2	12.7	8.7	0.9	12.8	9.0	0.9	13.0	9.2	1.0	13.2	9.5	1.0	13.4	9.7	1.0		
			73.4	13.0	7.9	0.9	13.2	8.1	1.0	13.4	8.4	1.0	13.6	8.6	1.0	13.8	8.8	1.0		
		Medium	471	64.4	48.2	7.6	3.2	0.7	7.7	3.3	0.7	7.8	3.4	0.7	7.9	3.5	0.7	8.0	3.6	0.7
					53.6	7.9	2.1	0.7	8.0	2.2	0.7	8.1	2.2	0.7	8.2	2.3	0.7	8.3	2.3	0.7
					59.0	9.5	2.2	0.8	9.6	2.2	0.8	9.8	2.3	0.8	9.9	2.3	0.8	10.0	2.4	0.8
				69.8	53.6	9.4	4.9	0.8	9.6	5.0	0.8	9.7	5.2	0.8	9.9	5.3	0.8	10.0	5.4	0.9
					59.0	9.7	4.0	0.8	9.8	4.1	0.8	9.9	4.2	0.8	10.1	4.3	0.9	10.2	4.5	0.9
66.2	11.2				3.1	0.9	11.4	3.2	0.9	11.6	3.3	0.9	11.7	3.4	0.9	11.9	3.5	0.9		
75.2	60.8			10.1	5.0	0.8	10.2	5.1	0.8	10.4	5.3	0.8	10.5	5.4	0.9	10.7	5.6	0.9		
	66.2			11.5	4.9	0.9	11.6	5.0	0.9	11.8	5.1	0.9	12.0	5.3	0.9	12.2	5.4	1.0		
	73.4			11.2	2.3	0.9	11.4	2.3	0.9	11.6	2.4	1.0	11.7	2.5	1.0	11.9	2.6	1.0		
80.6	60.8			10.5	6.2	0.9	10.7	6.4	0.9	10.8	6.6	0.9	11.0	6.8	0.9	11.2	7.0	0.9		
	66.2			11.7	6.2	0.9	11.9	6.4	0.9	12.1	6.6	0.9	12.2	6.7	0.9	12.4	6.9	1.0		
	73.4			12.4	4.2	0.9	12.6	4.3	0.9	12.8	4.4	0.9	13.0	4.6	1.0	13.1	4.7	1.0		
84.2	66.2			11.9	6.6	0.9	12.1	6.8	0.9	12.3	7.0	0.9	12.5	7.2	1.0	12.7	7.4	1.0		
	86.0			60.8	11.1	7.0	0.9	11.3	7.2	0.9	11.4	7.4	0.9	11.6	7.6	0.9	11.8	7.8	0.9	
				66.2	12.0	7.1	0.9	12.2	7.3	0.9	12.4	7.5	0.9	12.6	7.7	1.0	12.8	7.9	1.0	
73.4				12.6	5.8	0.9	12.8	6.0	0.9	13.0	6.1	1.0	13.2	6.3	1.0	13.4	6.5	1.0		
89.6	60.8			11.7	7.5	0.9	11.8	7.8	0.9	12.0	8.0	0.9	12.2	8.2	0.9	12.4	8.4	1.0		
	66.2			12.4	7.9	0.9	12.6	8.2	0.9	12.8	8.4	0.9	13.0	8.6	1.0	13.1	8.9	1.0		
	73.4			13.0	7.3	0.9	13.2	7.6	1.0	13.4	7.8	1.0	13.6	8.0	1.0	13.8	8.2	1.0		
Low	412			64.4	48.2	7.2	2.9	0.7	7.3	3.0	0.7	7.4	3.1	0.7	7.5	3.2	0.7	7.6	3.3	0.7
					53.6	7.5	1.9	0.7	7.6	2.0	0.7	7.7	2.0	0.7	7.8	2.1	0.7	7.9	2.1	0.7
					59.0	9.0	2.0	0.8	9.1	2.0	0.8	9.3	2.1	0.8	9.4	2.1	0.8	9.5	2.2	0.8
				69.8	53.6	9.0	4.4	0.8	9.1	4.5	0.8	9.2	4.7	0.8	9.4	4.8	0.8	9.5	4.9	0.9
					59.0	9.2	3.6	0.8	9.3	3.7	0.8	9.4	3.8	0.8	9.6	3.9	0.9	9.7	4.0	0.9
		66.2	10.7		2.9	0.9	10.8	2.9	0.9	11.0	3.0	0.9	11.1	3.1	0.9	11.3	3.2	0.9		
		75.2	60.8	9.6	4.5	0.8	9.7	4.7	0.8	9.9	4.8	0.8	10.0	4.9	0.9	10.2	5.1	0.9		
			66.2	10.9	4.4	0.9	11.0	4.5	0.9	11.2	4.7	0.9	11.4	4.8	0.9	11.5	4.9	0.9		
			73.4	10.7	2.1	0.9	10.8	2.1	0.9	11.0	2.2	0.9	11.1	2.3	1.0	11.3	2.3	1.0		
		80.6	60.8	10.0	5.7	0.9	10.1	5.8	0.9	10.3	6.0	0.9	10.4	6.2	0.9	10.6	6.3	0.9		
			66.2	11.1	5.6	0.9	11.3	5.8	0.9	11.4	6.0	0.9	11.6	6.1	0.9	11.8	6.3	1.0		
			73.4	11.8	3.8	0.9	11.9	3.9	0.9	12.1	4.0	0.9	12.3	4.2	1.0	12.5	4.3	1.0		
		84.2	66.2	11.3	6.0	0.9	11.5	6.2	0.9	11.7	6.4	0.9	11.8	6.6	0.9	12.0	6.7	1.0		
			86.0	60.8	10.5	6.3	0.9	10.7	6.5	0.9	10.8	6.7	0.9	11.0	6.9	0.9	11.2	7.1	0.9	
				66.2	11.4	6.4	0.9	11.6	6.6	0.9	11.8	6.8	0.9	12.0	7.0	0.9	12.1	7.2	1.0	
		73.4		12.0	5.3	0.9	12.2	5.4	0.9	12.4	5.6	0.9	12.5	5.7	1.0	12.7	5.9	1.0		
		89.6	60.8	11.1	6.8	0.9	11.2	7.0	0.9	11.4	7.2	0.9	11.6	7.5	0.9	11.7	7.7	1.0		
			66.2	11.8	7.2	0.9	11.9	7.4	0.9	12.1	7.6	0.9	12.3	7.8	1.0	12.5	8.1	1.0		
			73.4	13.0	7.0	0.9	13.2	7.2	1.0	13.4	7.4	1.0	13.6	7.6	1.0	13.8	7.9	1.0		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																			
				41			50			59			64.4			69.8			77				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	530	64.4	48.2	8.3	4.0	0.7	8.4	4.2	0.7	8.6	4.3	0.8	8.8	4.4	0.8	9.4	5.0	0.9	10.9	6.2	0.9		
			53.6	8.6	2.6	0.8	8.8	2.7	0.8	8.9	2.8	0.8	9.1	2.9	0.8	9.7	3.3	0.9	11.3	4.0	1.0		
			59.0	10.4	2.7	0.8	10.5	2.8	0.9	10.7	2.9	0.9	11.0	3.0	0.9	11.7	3.4	1.0	13.6	4.2	1.1		
		69.8	53.6	10.4	6.1	0.9	10.5	6.3	0.9	10.6	6.5	0.9	10.9	6.7	1.0	11.7	7.6	1.0	13.6	9.4	1.1		
			59.0	10.6	5.0	0.9	10.7	5.2	0.9	10.9	5.3	0.9	11.2	5.5	1.0	11.9	6.2	1.1	13.9	7.7	1.1		
			66.2	12.3	4.0	1.0	12.5	4.1	1.0	12.7	4.2	1.0	13.0	4.4	1.1	13.9	4.9	1.1	16.1	6.1	1.2		
		75.2	60.8	11.1	6.3	0.9	11.2	6.5	0.9	11.4	6.7	0.9	11.7	6.9	1.0	12.5	7.8	1.1	14.5	9.7	1.1		
			66.2	12.6	6.1	1.0	12.8	6.3	1.0	12.9	6.5	1.0	13.3	6.7	1.1	14.2	7.6	1.1	16.5	9.4	1.2		
			73.4	12.3	2.9	1.0	12.5	3.0	1.0	12.7	3.0	1.1	13.0	3.2	1.1	13.9	3.6	1.2	16.2	4.4	1.3		
		80.6	60.8	11.6	7.9	1.0	11.7	8.1	1.0	11.9	8.3	1.0	12.2	8.6	1.0	13.0	9.8	1.1	15.1	12.1	1.2		
			66.2	12.8	7.8	1.0	13.0	8.0	1.0	13.2	8.2	1.0	13.6	8.6	1.1	14.5	9.7	1.2	16.8	12.0	1.2		
			73.4	13.6	5.3	1.0	13.8	5.4	1.0	14.0	5.6	1.0	14.4	5.8	1.1	15.3	6.6	1.2	17.8	8.1	1.3		
		84.2	66.2	13.1	8.4	1.0	13.3	8.6	1.0	13.5	8.8	1.0	13.8	9.2	1.1	14.8	10.4	1.2	17.2	12.8	1.2		
			60.8	12.2	8.8	1.0	12.3	9.0	1.0	12.5	9.3	1.0	12.9	9.6	1.1	13.7	10.9	1.1	15.9	13.5	1.2		
			66.2	13.2	8.9	1.0	13.4	9.2	1.0	13.6	9.4	1.0	14.0	9.8	1.1	14.9	11.1	1.2	17.3	13.7	1.2		
		86.0	73.4	13.9	7.3	1.0	14.1	7.5	1.0	14.3	7.7	1.1	14.7	8.0	1.1	15.6	9.1	1.2	18.2	11.2	1.3		
			60.8	12.8	9.5	1.0	13.0	9.8	1.0	13.2	10.0	1.0	13.5	10.4	1.1	14.4	11.8	1.2	16.8	14.6	1.2		
			66.2	13.6	10.0	1.0	13.8	10.3	1.0	14.0	10.6	1.0	14.4	11.0	1.1	15.3	12.5	1.2	17.8	15.3	1.3		
		89.6	73.4	14.0	9.1	1.0	14.2	9.3	1.0	14.4	9.6	1.1	14.8	10.0	1.1	15.8	11.3	1.2	18.4	13.9	1.3		
			48.2	8.2	3.7	0.7	8.3	3.8	0.7	8.4	3.9	0.7	8.6	4.0	0.8	9.2	4.6	0.8	10.7	5.6	0.9		
			53.6	8.5	2.4	0.8	8.6	2.5	0.8	8.7	2.5	0.8	8.9	2.6	0.8	9.5	3.0	0.9	11.1	3.7	0.9		
Medium	471	64.4	59.0	10.2	2.5	0.8	10.3	2.5	0.8	10.5	2.6	0.9	10.8	2.7	0.9	11.5	3.1	1.0	13.3	3.8	1.0		
			53.6	10.1	5.6	0.9	10.3	5.8	0.9	10.4	5.9	0.9	10.7	6.1	0.9	11.4	7.0	1.0	13.3	8.6	1.1		
			59.0	10.4	4.6	0.9	10.5	4.7	0.9	10.7	4.8	0.9	11.0	5.0	1.0	11.7	5.7	1.0	13.6	7.0	1.1		
		69.8	66.2	12.1	3.6	1.0	12.2	3.7	1.0	12.4	3.8	1.0	12.8	4.0	1.0	13.6	4.5	1.1	15.8	5.5	1.2		
			60.8	10.9	5.7	0.9	11.0	5.9	0.9	11.2	6.1	0.9	11.5	6.3	1.0	12.2	7.1	1.0	14.2	8.8	1.1		
			66.2	12.3	5.6	1.0	12.5	5.7	1.0	12.7	5.9	1.0	13.0	6.1	1.1	13.9	6.9	1.1	16.2	8.5	1.2		
		75.2	73.4	12.1	2.6	1.0	12.3	2.7	1.0	12.4	2.8	1.0	12.8	2.9	1.1	13.6	3.3	1.2	15.8	4.0	1.3		
			60.8	11.3	7.2	1.0	11.5	7.4	1.0	11.6	7.6	1.0	12.0	7.9	1.0	12.8	8.9	1.1	14.8	11.0	1.2		
			66.2	12.6	7.1	1.0	12.8	7.3	1.0	12.9	7.5	1.0	13.3	7.8	1.1	14.2	8.9	1.1	16.5	10.9	1.2		
		80.6	73.4	13.3	4.8	1.0	13.5	5.0	1.0	13.7	5.1	1.0	14.1	5.3	1.1	15.0	6.0	1.2	17.5	7.4	1.2		
			66.2	12.8	7.6	1.0	13.0	7.8	1.0	13.2	8.0	1.0	13.6	8.4	1.1	14.5	9.5	1.2	16.8	11.7	1.2		
			60.8	11.9	8.0	1.0	12.1	8.2	1.0	12.3	8.5	1.0	12.6	8.8	1.0	13.4	10.0	1.1	15.6	12.3	1.2		
		86.0	66.2	13.0	8.1	1.0	13.1	8.4	1.0	13.3	8.6	1.0	13.7	8.9	1.1	14.6	10.1	1.2	17.0	12.5	1.2		
			73.4	13.6	6.7	1.0	13.8	6.8	1.0	14.0	7.0	1.0	14.4	7.3	1.1	15.3	8.3	1.2	17.8	10.2	1.3		
			60.8	12.5	8.7	1.0	12.7	8.9	1.0	12.9	9.1	1.0	13.2	9.5	1.1	14.1	10.8	1.1	16.4	13.3	1.2		
		89.6	66.2	13.3	9.1	1.0	13.5	9.4	1.0	13.7	9.6	1.0	14.1	10.0	1.1	15.0	11.4	1.2	17.5	14.0	1.2		
			73.4	14.0	8.4	1.0	14.2	8.7	1.0	14.4	8.9	1.1	14.8	9.3	1.1	15.8	10.5	1.2	18.4	12.9	1.3		
			48.2	7.7	3.4	0.7	7.8	3.4	0.7	8.0	3.5	0.7	8.2	3.7	0.8	8.7	4.2	0.8	10.1	5.1	0.9		
		Low	412	64.4	53.6	8.0	2.2	0.8	8.1	2.2	0.8	8.3	2.3	0.8	8.5	2.4	0.8	9.0	2.7	0.9	10.5	3.3	0.9
					59.0	9.7	2.3	0.8	9.8	2.3	0.8	9.9	2.4	0.9	10.2	2.5	0.9	10.9	2.8	1.0	12.7	3.4	1.0
					53.6	9.6	5.1	0.9	9.8	5.2	0.9	9.9	5.4	0.9	10.2	5.6	0.9	10.8	6.3	1.0	12.6	7.8	1.1
69.8	59.0			9.9	4.2	0.9	10.0	4.3	0.9	10.1	4.4	0.9	10.4	4.6	1.0	11.1	5.2	1.0	12.9	6.4	1.1		
	66.2			11.5	3.3	1.0	11.6	3.4	1.0	11.8	3.5	1.0	12.1	3.6	1.0	12.9	4.1	1.1	15.0	5.0	1.2		
	60.8			10.3	5.2	0.9	10.4	5.4	0.9	10.6	5.5	0.9	10.9	5.7	1.0	11.6	6.5	1.0	13.5	8.0	1.1		
75.2	66.2			11.7	5.1	1.0	11.9	5.2	1.0	12.0	5.3	1.0	12.4	5.6	1.0	13.2	6.3	1.1	15.3	7.8	1.2		
	73.4			11.5	2.4	1.0	11.6	2.4	1.0	11.8	2.5	1.0	12.1	2.6	1.1	12.9	3.0	1.2	15.0	3.7	1.2		
	60.8			10.7	6.5	0.9	10.9	6.7	1.0	11.0	6.9	1.0	11.4	7.2	1.0	12.1	8.1	1.1	14.1	10.0	1.2		
80.6	66.2			11.9	6.5	1.0	12.1	6.6	1.0	12.3	6.8	1.0	12.6	7.1	1.1	13.5	8.0	1.1	15.6	9.9	1.2		
	73.4			12.7	4.4	1.0	12.8	4.5	1.0	13.0	4.6	1.0	13.4	4.8	1.1	14.3	5.5	1.2	16.6	6.7	1.2		
	66.2			12.2	6.9	1.0	12.4	7.1	1.0	12.5	7.3	1.0	12.9	7.6	1.1	13.7	8.6	1.1	16.0	10.6	1.2		
84.2	60.8			11.3	7.3	1.0	11.5	7.5	1.0	11.6	7.7	1.0	12.0	8.0	1.0	12.7	9.0	1.1	14.8	11.1	1.2		
	66.2			12.3	7.4	1.0	12.5	7.6	1.0	12.6	7.8	1.0	13.0	8.1	1.1	13.9	9.2	1.1	16.1	11.3	1.2		
	73.4			12.9	6.1	1.0	13.1	6.2	1.0	13.3	6.4	1.0	13.6	6.6	1.1	14.6	7.5	1.2	16.9	9.3	1.2		
86.0	60.8			11.9	7.9	1.0	12.1	8.1	1.0	12.2	8.3	1.0	12.6	8.6	1.1	13.4	9.8	1.1	15.6	12.1	1.2		
	66.2			12.7	8.3	1.0	12.8	8.5	1.0	13.0	8.7	1.0	13.4	9.1	1.1	14.3	10.3	1.2	16.6	12.7	1.2		
	73.4			14.0	8.1	1.0	14.2	8.3	1.0	14.4	8.5	1.1	14.8	8.9	1.1	15.8	10.1	1.2	18.4	12.4	1.3		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																				
				86			95			102.2			109.4			114.8			118.4					
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI			
High	530	64.4	48.2	11.4	6.8	1.0	11.7	7.4	1.2	11.5	7.3	1.3	9.4	6.1	1.1	8.8	5.8	1.0	8.2	5.5	1.1			
			53.6	11.8	4.5	1.1	12.2	4.8	1.3	11.9	4.8	1.4	9.7	4.0	1.1	9.1	3.8	1.1	8.5	3.6	1.1			
			59.0	14.2	4.6	1.2	14.6	5.0	1.4	14.4	4.9	1.5	11.7	4.1	1.3	11.0	3.9	1.2	10.3	3.7	1.2			
		69.8	53.6	14.1	10.4	1.3	14.6	11.2	1.5	14.3	11.1	1.6	11.7	9.3	1.3	10.9	8.8	1.3	10.2	8.4	1.3			
			59.0	14.5	8.5	1.3	14.9	9.2	1.5	14.6	9.1	1.6	11.9	7.6	1.4	11.2	7.2	1.3	10.5	6.9	1.3			
			66.2	16.8	6.7	1.4	17.4	7.3	1.6	17.0	7.2	1.8	13.9	6.0	1.5	13.0	5.7	1.4	12.2	5.4	1.4			
		75.2	60.8	15.1	10.6	1.3	15.6	11.5	1.5	15.3	11.4	1.6	12.5	9.5	1.4	11.7	9.1	1.3	10.9	8.6	1.3			
			66.2	17.2	10.3	1.4	17.7	11.2	1.6	17.4	11.1	1.8	14.2	9.2	1.5	13.3	8.8	1.4	12.4	8.4	1.4			
			73.4	16.8	4.9	1.4	17.4	5.3	1.7	17.0	5.2	1.9	13.9	4.3	1.5	13.0	4.1	1.4	12.2	3.9	1.5			
		80.6	60.8	15.8	13.3	1.4	16.3	14.4	1.6	15.9	14.3	1.7	13.0	11.9	1.4	12.2	11.3	1.4	11.4	10.8	1.4			
			66.2	17.5	13.2	1.4	18.1	14.3	1.7	17.7	14.1	1.8	14.5	11.8	1.5	13.6	11.3	1.4	12.7	10.7	1.4			
			73.4	18.6	8.9	1.4	19.2	9.7	1.7	18.8	9.6	1.8	15.3	8.0	1.5	14.4	7.6	1.4	13.4	7.3	1.5			
		84.2	66.2	17.9	14.1	1.4	18.4	15.3	1.7	18.1	15.1	1.8	14.8	12.6	1.5	13.8	12.0	1.4	12.9	11.5	1.4			
			60.8	16.6	14.8	1.4	17.1	16.1	1.6	16.8	15.9	1.8	13.7	13.2	1.5	12.9	12.7	1.4	12.0	12.0	1.4			
			66.2	18.1	15.1	1.4	18.6	16.3	1.7	18.3	16.2	1.8	14.9	13.5	1.5	14.0	12.9	1.4	13.0	12.2	1.4			
		86.0	73.4	19.0	12.3	1.4	19.6	13.4	1.7	19.2	13.2	1.9	15.6	11.0	1.5	14.7	10.5	1.4	13.7	10.0	1.5			
			60.8	17.5	16.0	1.4	18.0	17.4	1.6	17.7	17.2	1.8	14.4	14.3	1.5	13.5	13.7	1.4	12.6	13.0	1.4			
			66.2	18.6	16.9	1.4	19.2	18.3	1.7	18.8	18.1	1.8	15.3	15.1	1.5	14.4	14.4	1.4	13.4	13.7	1.5			
		89.6	73.4	19.2	15.3	1.4	19.7	16.6	1.7	19.3	16.4	1.9	15.8	13.7	1.5	14.8	13.1	1.4	13.8	12.4	1.5			
			Medium	471	64.4	48.2	11.1	6.2	1.0	11.5	6.7	1.2	11.3	6.7	1.3	9.2	5.6	1.1	8.6	5.3	1.0	8.0	5.1	1.1
						53.6	11.6	4.1	1.1	11.9	4.4	1.3	11.7	4.4	1.4	9.5	3.6	1.1	8.9	3.5	1.1	8.3	3.3	1.1
59.0	13.9	4.2				1.2	14.4	4.5	1.4	14.1	4.5	1.5	11.5	3.7	1.2	10.8	3.6	1.2	10.0	3.4	1.2			
69.8	53.6	13.9			9.4	1.2	14.3	10.2	1.5	14.0	10.1	1.6	11.4	8.4	1.3	10.7	8.1	1.2	10.0	7.7	1.3			
	59.0	14.2			7.7	1.3	14.6	8.4	1.5	14.3	8.3	1.6	11.7	6.9	1.3	11.0	6.6	1.3	10.2	6.3	1.3			
	66.2	16.5			6.1	1.4	17.0	6.6	1.6	16.7	6.6	1.7	13.6	5.5	1.4	12.8	5.2	1.4	11.9	5.0	1.4			
75.2	60.8	14.8			9.7	1.3	15.3	10.5	1.5	15.0	10.4	1.6	12.2	8.7	1.3	11.5	8.3	1.3	10.7	7.9	1.3			
	66.2	16.8			9.4	1.4	17.4	10.2	1.6	17.0	10.1	1.8	13.9	8.4	1.5	13.0	8.0	1.4	12.2	7.6	1.4			
	73.4	16.5			4.4	1.4	17.0	4.8	1.7	16.7	4.8	1.8	13.6	4.0	1.5	12.8	3.8	1.4	11.9	3.6	1.5			
80.6	60.8	15.5			12.1	1.3	15.9	13.1	1.6	15.6	13.0	1.7	12.8	10.8	1.4	12.0	10.3	1.3	11.2	9.8	1.4			
	66.2	17.2			12.0	1.4	17.7	13.0	1.6	17.4	12.9	1.8	14.2	10.7	1.5	13.3	10.3	1.4	12.4	9.8	1.4			
	73.4	18.2			8.1	1.4	18.8	8.8	1.7	18.4	8.7	1.8	15.0	7.3	1.5	14.1	7.0	1.4	13.1	6.6	1.4			
84.2	66.2	17.5			12.9	1.4	18.1	13.9	1.6	17.7	13.8	1.8	14.5	11.5	1.5	13.6	11.0	1.4	12.7	10.4	1.4			
	60.8	16.3			13.5	1.4	16.8	14.7	1.6	16.5	14.5	1.7	13.4	12.1	1.4	12.6	11.5	1.4	11.8	11.0	1.4			
	66.2	17.7			13.7	1.4	18.3	14.9	1.6	17.9	14.7	1.8	14.6	12.3	1.5	13.7	11.7	1.4	12.8	11.1	1.4			
86.0	73.4	18.6			11.2	1.4	19.2	12.2	1.7	18.8	12.1	1.8	15.3	10.0	1.5	14.4	9.6	1.4	13.4	9.1	1.5			
	60.8	17.1			14.6	1.4	17.7	15.9	1.6	17.3	15.7	1.8	14.1	13.1	1.5	13.2	12.5	1.4	12.4	11.9	1.4			
	66.2	18.2			15.4	1.4	18.8	16.7	1.7	18.4	16.5	1.8	15.0	13.8	1.5	14.1	13.2	1.4	13.1	12.5	1.4			
89.6	73.4	19.2			14.2	1.4	19.7	15.4	1.7	19.3	15.3	1.9	15.8	12.7	1.5	14.8	12.2	1.4	13.8	11.6	1.5			
	Low	412			64.4	48.2	10.6	5.6	1.0	10.9	6.1	1.2	10.7	6.1	1.3	8.7	5.0	1.1	8.2	4.8	1.0	7.6	4.6	1.0
						53.6	11.0	3.7	1.1	11.3	4.0	1.3	11.1	4.0	1.4	9.0	3.3	1.1	8.5	3.1	1.1	7.9	3.0	1.1
59.0			13.2	3.8		1.2	13.6	4.1	1.4	13.3	4.1	1.5	10.9	3.4	1.2	10.2	3.2	1.2	9.5	3.1	1.2			
69.8			53.6	13.2	8.6	1.2	13.6	9.3	1.4	13.3	9.2	1.6	10.8	7.7	1.3	10.2	7.3	1.2	9.5	7.0	1.3			
			59.0	13.5	7.0	1.3	13.9	7.6	1.5	13.6	7.5	1.6	11.1	6.3	1.3	10.4	6.0	1.3	9.7	5.7	1.3			
			66.2	15.7	5.5	1.3	16.1	6.0	1.6	15.8	6.0	1.7	12.9	5.0	1.4	12.1	4.7	1.3	11.3	4.5	1.4			
75.2			60.8	14.1	8.8	1.3	14.5	9.5	1.5	14.2	9.4	1.6	11.6	7.9	1.3	10.9	7.5	1.3	10.2	7.1	1.3			
			66.2	16.0	8.5	1.4	16.5	9.3	1.6	16.2	9.2	1.7	13.2	7.6	1.4	12.4	7.3	1.4	11.5	6.9	1.4			
			73.4	15.7	4.0	1.4	16.2	4.4	1.7	15.8	4.3	1.8	12.9	3.6	1.5	12.1	3.4	1.4	11.3	3.3	1.4			
80.6			60.8	14.7	11.0	1.3	15.1	11.9	1.6	14.8	11.8	1.7	12.1	9.8	1.4	11.4	9.4	1.3	10.6	8.9	1.4			
			66.2	16.3	10.9	1.4	16.8	11.8	1.6	16.5	11.7	1.8	13.5	9.7	1.5	12.6	9.3	1.4	11.8	8.9	1.4			
			73.4	17.3	7.4	1.4	17.8	8.0	1.6	17.5	7.9	1.8	14.3	6.6	1.5	13.4	6.3	1.4	12.5	6.0	1.4			
84.2			66.2	16.6	11.7	1.4	17.2	12.7	1.6	16.8	12.5	1.8	13.7	10.4	1.5	12.9	10.0	1.4	12.0	9.5	1.4			
			60.8	15.5	12.3	1.3	15.9	13.3	1.6	15.6	13.2	1.7	12.7	11.0	1.4	12.0	10.5	1.3	11.2	10.0	1.4			
			66.2	16.8	12.5	1.4	17.3	13.5	1.6	17.0	13.4	1.8	13.9	11.1	1.5	13.0	10.6	1.4	12.1	10.1	1.4			
86.0			73.4	17.6	10.2	1.4	18.2	11.1	1.7	17.8	11.0	1.8	14.6	9.1	1.5	13.6	8.7	1.4	12.7	8.3	1.4			
			60.8	16.3	13.3	1.4	16.8	14.4	1.6	16.4	14.3	1.8	13.4	11.9	1.5	12.6	11.3	1.4	11.7	10.8	1.4			
			66.2	17.3	14.0	1.4	17.8	15.2	1.6	17.5	15.0	1.8	14.3	12.5	1.5	13.4	11.9	1.4	12.5	11.4	1.4			
89.6			73.4	19.2	13.6	1.4	19.7	14.8	1.7	19.3	14.6	1.9	15.8	12.2	1.5	14.8	11.6	1.4	13.8	11.1	1.5			

Outdoor Unit:GUHD24NK3C1O Indoor Unit:GTH24K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)															
				5			14			19.4			23			32			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	706	64.4	48.2	10.2	4.6	0.9	10.4	4.8	0.9	10.5	4.9	0.9	10.7	5.1	0.9	10.8	5.2	1.0	
			53.6	10.6	3.0	0.9	10.8	3.1	0.9	10.9	3.2	1.0	11.1	3.3	1.0	11.2	3.4	1.0	
			59.0	12.8	3.1	1.0	13.0	3.2	1.0	13.2	3.3	1.1	13.3	3.4	1.1	13.5	3.5	1.1	
		69.8	53.6	12.7	7.1	1.1	12.9	7.3	1.1	13.1	7.5	1.1	13.3	7.7	1.1	13.5	7.9	1.1	
			59.0	13.0	5.8	1.1	13.2	5.9	1.1	13.4	6.1	1.1	13.6	6.3	1.2	13.8	6.5	1.2	
			66.2	15.1	4.6	1.2	15.4	4.7	1.2	15.6	4.8	1.2	15.8	5.0	1.2	16.1	5.1	1.3	
		75.2	60.8	13.6	7.2	1.1	13.8	7.4	1.1	14.0	7.7	1.1	14.2	7.9	1.2	14.4	8.1	1.2	
			66.2	15.4	7.0	1.2	15.7	7.2	1.2	15.9	7.4	1.2	16.2	7.7	1.3	16.4	7.9	1.3	
			73.4	15.1	3.3	1.2	15.4	3.4	1.3	15.6	3.5	1.3	15.8	3.6	1.3	16.1	3.7	1.3	
		80.6	60.8	14.2	9.0	1.2	14.4	9.3	1.2	14.6	9.6	1.2	14.8	9.8	1.2	15.0	10.1	1.2	
			66.2	15.8	9.0	1.2	16.0	9.2	1.2	16.2	9.5	1.2	16.5	9.8	1.3	16.7	10.0	1.3	
			73.4	16.7	6.1	1.2	17.0	6.3	1.2	17.2	6.4	1.3	17.5	6.6	1.3	17.7	6.8	1.3	
	84.2	66.2	16.1	9.6	1.2	16.3	9.9	1.2	16.6	10.2	1.3	16.8	10.5	1.3	17.1	10.8	1.3		
		86.0	60.8	14.9	10.1	1.2	15.2	10.4	1.2	15.4	10.7	1.2	15.6	11.0	1.2	15.8	11.3	1.3	
			66.2	16.2	10.3	1.2	16.5	10.6	1.2	16.7	10.9	1.3	17.0	11.2	1.3	17.2	11.5	1.3	
	73.4		17.0	8.4	1.2	17.3	8.6	1.3	17.6	8.9	1.3	17.8	9.1	1.3	18.1	9.4	1.3		
	89.6	60.8	15.7	10.9	1.2	15.9	11.2	1.2	16.2	11.6	1.2	16.4	11.9	1.3	16.7	12.2	1.3		
		66.2	16.7	11.5	1.2	17.0	11.8	1.2	17.2	12.2	1.3	17.5	12.5	1.3	17.7	12.9	1.3		
		73.4	17.2	10.4	1.2	17.5	10.7	1.3	17.7	11.0	1.3	18.0	11.4	1.3	18.3	11.7	1.3		
	Medium	618	64.4	48.2	10.0	4.2	0.9	10.2	4.4	0.9	10.3	4.5	0.9	10.5	4.6	0.9	10.6	4.7	0.9
				53.6	10.4	2.8	0.9	10.5	2.8	0.9	10.7	2.9	1.0	10.9	3.0	1.0	11.0	3.1	1.0
				59.0	12.5	2.8	1.0	12.7	2.9	1.0	12.9	3.0	1.0	13.1	3.1	1.1	13.3	3.2	1.1
			69.8	53.6	12.5	6.4	1.1	12.6	6.6	1.1	12.8	6.8	1.1	13.0	7.0	1.1	13.2	7.2	1.1
				59.0	12.8	5.3	1.1	12.9	5.4	1.1	13.1	5.6	1.1	13.3	5.7	1.1	13.5	5.9	1.2
66.2				14.8	4.2	1.2	15.1	4.3	1.2	15.3	4.4	1.2	15.5	4.5	1.2	15.7	4.7	1.2	
75.2			60.8	13.3	6.6	1.1	13.5	6.8	1.1	13.7	7.0	1.1	13.9	7.2	1.1	14.1	7.4	1.2	
			66.2	15.1	6.4	1.2	15.4	6.6	1.2	15.6	6.8	1.2	15.8	7.0	1.2	16.1	7.2	1.3	
			73.4	14.8	3.0	1.2	15.1	3.1	1.2	15.3	3.2	1.3	15.5	3.3	1.3	15.7	3.4	1.3	
80.6			60.8	13.9	8.2	1.2	14.1	8.5	1.2	14.3	8.7	1.2	14.5	9.0	1.2	14.7	9.2	1.2	
			66.2	15.4	8.2	1.2	15.7	8.4	1.2	15.9	8.7	1.2	16.2	8.9	1.3	16.4	9.1	1.3	
			73.4	16.4	5.5	1.2	16.6	5.7	1.2	16.9	5.9	1.3	17.1	6.0	1.3	17.4	6.2	1.3	
84.2		66.2	15.8	8.8	1.2	16.0	9.0	1.2	16.2	9.3	1.2	16.5	9.5	1.3	16.7	9.8	1.3		
		86.0	60.8	14.6	9.2	1.2	14.9	9.5	1.2	15.1	9.7	1.2	15.3	10.0	1.2	15.5	10.3	1.2	
			66.2	15.9	9.3	1.2	16.2	9.6	1.2	16.4	9.9	1.2	16.6	10.2	1.3	16.9	10.5	1.3	
73.4			16.7	7.7	1.2	17.0	7.9	1.2	17.2	8.1	1.3	17.5	8.3	1.3	17.7	8.6	1.3		
89.6		60.8	15.4	10.0	1.2	15.6	10.2	1.2	15.9	10.5	1.2	16.1	10.8	1.3	16.3	11.1	1.3		
		66.2	16.4	10.5	1.2	16.6	10.8	1.2	16.9	11.1	1.3	17.1	11.4	1.3	17.4	11.7	1.3		
		73.4	17.2	9.7	1.2	17.5	10.0	1.3	17.7	10.3	1.3	18.0	10.6	1.3	18.3	10.9	1.3		
Low		530	64.4	48.2	9.5	3.8	0.9	9.6	4.0	0.9	9.8	4.1	0.9	9.9	4.2	0.9	10.1	4.3	0.9
				53.6	9.9	2.5	0.9	10.0	2.6	0.9	10.2	2.7	0.9	10.3	2.7	1.0	10.5	2.8	1.0
				59.0	11.9	2.6	1.0	12.1	2.7	1.0	12.2	2.7	1.0	12.4	2.8	1.1	12.6	2.9	1.1
			69.8	53.6	11.8	5.8	1.0	12.0	6.0	1.1	12.2	6.2	1.1	12.4	6.4	1.1	12.5	6.5	1.1
				59.0	12.1	4.8	1.1	12.3	4.9	1.1	12.5	5.1	1.1	12.7	5.2	1.1	12.8	5.3	1.1
	66.2			14.1	3.8	1.2	14.3	3.9	1.2	14.5	4.0	1.2	14.7	4.1	1.2	14.9	4.2	1.2	
	75.2		60.8	12.6	6.0	1.1	12.8	6.2	1.1	13.0	6.3	1.1	13.2	6.5	1.1	13.4	6.7	1.1	
			66.2	14.4	5.8	1.2	14.6	6.0	1.2	14.8	6.2	1.2	15.0	6.3	1.2	15.2	6.5	1.2	
			73.4	14.1	2.7	1.2	14.3	2.8	1.2	14.5	2.9	1.3	14.7	3.0	1.3	14.9	3.1	1.3	
	80.6		60.8	13.2	7.5	1.1	13.4	7.7	1.2	13.6	7.9	1.2	13.8	8.1	1.2	14.0	8.4	1.2	
			66.2	14.7	7.4	1.2	14.9	7.6	1.2	15.1	7.9	1.2	15.3	8.1	1.2	15.5	8.3	1.3	
			73.4	15.5	5.0	1.2	15.8	5.2	1.2	16.0	5.3	1.2	16.2	5.5	1.3	16.5	5.6	1.3	
	84.2	66.2	15.0	7.9	1.2	15.2	8.2	1.2	15.4	8.4	1.2	15.6	8.7	1.3	15.9	8.9	1.3		
		86.0	60.8	13.9	8.4	1.2	14.1	8.6	1.2	14.3	8.8	1.2	14.5	9.1	1.2	14.7	9.4	1.2	
			66.2	15.1	8.5	1.2	15.3	8.7	1.2	15.6	9.0	1.2	15.8	9.2	1.3	16.0	9.5	1.3	
	73.4		15.9	6.9	1.2	16.1	7.2	1.2	16.3	7.4	1.3	16.6	7.6	1.3	16.8	7.8	1.3		
	89.6	60.8	14.6	9.0	1.2	14.8	9.3	1.2	15.0	9.6	1.2	15.3	9.8	1.2	15.5	10.1	1.3		
		66.2	15.5	9.5	1.2	15.8	9.8	1.2	16.0	10.1	1.2	16.2	10.4	1.3	16.5	10.7	1.3		
		73.4	17.2	9.3	1.2	17.5	9.5	1.3	17.7	9.8	1.3	18.0	10.1	1.3	18.3	10.4	1.3		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																			
				41			50			59			64.4			69.8			77				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	706	64.4	48.2	11.0	5.3	1.0	11.1	5.5	1.0	11.3	5.6	1.0	11.6	5.9	1.0	12.4	6.6	1.1	14.4	8.2	1.2		
			53.6	11.4	3.5	1.0	11.6	3.6	1.0	11.7	3.7	1.0	12.0	3.8	1.1	12.8	4.3	1.2	14.9	5.3	1.3		
			59.0	13.7	3.6	1.1	13.9	3.7	1.1	14.1	3.8	1.1	14.5	3.9	1.2	15.5	4.5	1.3	18.0	5.5	1.4		
		69.8	53.6	13.7	8.1	1.2	13.9	8.3	1.2	14.1	8.6	1.2	14.4	8.9	1.3	15.4	10.1	1.4	17.9	12.4	1.5		
			59.0	14.0	6.6	1.2	14.2	6.8	1.2	14.4	7.0	1.2	14.8	7.3	1.3	15.8	8.3	1.4	18.3	10.2	1.5		
			66.2	16.3	5.2	1.3	16.5	5.4	1.3	16.7	5.5	1.3	17.2	5.8	1.4	18.3	6.5	1.5	21.3	8.0	1.6		
		75.2	60.8	14.6	8.3	1.2	14.8	8.6	1.2	15.0	8.8	1.2	15.4	9.1	1.3	16.5	10.4	1.4	19.2	12.7	1.5		
			66.2	16.6	8.1	1.3	16.9	8.3	1.3	17.1	8.5	1.3	17.6	8.9	1.4	18.7	10.1	1.5	21.8	12.4	1.6		
			73.4	16.3	3.8	1.3	16.5	3.9	1.4	16.7	4.0	1.4	17.2	4.2	1.5	18.4	4.7	1.6	21.3	5.8	1.7		
		80.6	60.8	15.3	10.4	1.3	15.5	10.7	1.3	15.7	11.0	1.3	16.1	11.4	1.4	17.2	12.9	1.5	20.0	15.9	1.6		
			66.2	17.0	10.3	1.3	17.2	10.6	1.3	17.4	10.9	1.4	17.9	11.3	1.4	19.1	12.8	1.5	22.2	15.8	1.6		
			73.4	18.0	7.0	1.3	18.2	7.2	1.4	18.5	7.4	1.4	19.0	7.7	1.4	20.3	8.7	1.6	23.5	10.7	1.7		
		84.2	66.2	17.3	11.0	1.3	17.5	11.3	1.3	17.8	11.7	1.4	18.3	12.1	1.4	19.5	13.7	1.5	22.7	16.9	1.7		
			60.8	16.1	11.6	1.3	16.3	11.9	1.3	16.5	12.2	1.3	17.0	12.7	1.4	18.1	14.4	1.5	21.0	17.8	1.6		
			66.2	17.5	11.8	1.3	17.7	12.1	1.3	18.0	12.4	1.4	18.5	12.9	1.4	19.7	14.7	1.5	22.9	18.1	1.7		
		86.0	73.4	18.3	9.7	1.3	18.6	9.9	1.4	18.9	10.2	1.4	19.4	10.6	1.5	20.7	12.0	1.6	24.0	14.8	1.7		
			60.8	16.9	12.6	1.3	17.1	12.9	1.3	17.4	13.3	1.4	17.8	13.8	1.4	19.0	15.6	1.5	22.1	19.2	1.6		
			66.2	18.0	13.2	1.3	18.2	13.6	1.4	18.5	14.0	1.4	19.0	14.5	1.4	20.3	16.5	1.6	23.5	20.3	1.7		
		89.6	73.4	18.5	12.0	1.3	18.8	12.3	1.4	19.0	12.7	1.4	19.6	13.2	1.5	20.9	14.9	1.6	24.3	18.4	1.7		
			48.2	10.8	4.9	1.0	10.9	5.0	1.0	11.1	5.1	1.0	11.4	5.3	1.0	12.1	6.1	1.1	14.1	7.5	1.2		
53.6	11.2		3.2	1.0	11.3	3.3	1.0	11.5	3.4	1.0	11.8	3.5	1.1	12.6	4.0	1.2	14.6	4.9	1.3				
Medium	618	64.4	59.0	13.5	3.3	1.1	13.7	3.4	1.1	13.8	3.5	1.1	14.2	3.6	1.2	15.2	4.1	1.3	17.6	5.0	1.4		
			53.6	13.4	7.4	1.2	13.6	7.6	1.2	13.8	7.8	1.2	14.2	8.1	1.3	15.1	9.2	1.3	17.6	11.3	1.4		
			59.0	13.7	6.0	1.2	13.9	6.2	1.2	14.1	6.4	1.2	14.5	6.6	1.3	15.5	7.5	1.4	18.0	9.3	1.5		
		69.8	66.2	16.0	4.8	1.3	16.2	4.9	1.3	16.4	5.0	1.3	16.9	5.2	1.4	18.0	5.9	1.5	20.9	7.3	1.6		
			60.8	14.3	7.6	1.2	14.5	7.8	1.2	14.7	8.0	1.2	15.1	8.3	1.3	16.1	9.4	1.4	18.8	11.6	1.5		
			66.2	16.3	7.4	1.3	16.5	7.6	1.3	16.7	7.8	1.3	17.2	8.1	1.4	18.4	9.2	1.5	21.3	11.3	1.6		
		75.2	73.4	16.0	3.5	1.3	16.2	3.6	1.4	16.4	3.7	1.4	16.9	3.8	1.4	18.0	4.3	1.6	20.9	5.3	1.7		
			60.8	15.0	9.5	1.3	15.2	9.7	1.3	15.4	10.0	1.3	15.8	10.4	1.4	16.9	11.8	1.5	19.6	14.5	1.6		
			66.2	16.6	9.4	1.3	16.9	9.7	1.3	17.1	9.9	1.3	17.6	10.3	1.4	18.7	11.7	1.5	21.8	14.4	1.6		
		80.6	73.4	17.6	6.4	1.3	17.9	6.6	1.3	18.1	6.7	1.4	18.6	7.0	1.4	19.8	7.9	1.5	23.1	9.8	1.7		
			66.2	17.0	10.1	1.3	17.2	10.3	1.3	17.4	10.6	1.4	17.9	11.1	1.4	19.1	12.5	1.5	22.2	15.4	1.6		
			60.8	15.7	10.6	1.3	16.0	10.9	1.3	16.2	11.2	1.3	16.6	11.6	1.4	17.7	13.2	1.5	20.6	16.2	1.6		
		86.0	66.2	17.1	10.7	1.3	17.4	11.0	1.3	17.6	11.3	1.4	18.1	11.8	1.4	19.3	13.4	1.5	22.4	16.5	1.6		
			73.4	18.0	8.8	1.3	18.2	9.0	1.4	18.5	9.3	1.4	19.0	9.7	1.4	20.3	10.9	1.6	23.5	13.5	1.7		
			60.8	16.6	11.4	1.3	16.8	11.8	1.3	17.0	12.1	1.3	17.5	12.6	1.4	18.7	14.2	1.5	21.7	17.5	1.6		
		89.6	66.2	17.6	12.1	1.3	17.9	12.4	1.3	18.1	12.7	1.4	18.6	13.2	1.4	19.8	15.0	1.5	23.1	18.5	1.7		
			73.4	18.5	11.2	1.3	18.8	11.5	1.4	19.0	11.8	1.4	19.6	12.2	1.5	20.9	13.9	1.6	24.3	17.1	1.7		
			48.2	10.2	4.4	0.9	10.4	4.5	1.0	10.5	4.7	1.0	10.8	4.9	1.0	11.5	5.5	1.1	13.4	6.8	1.2		
		Low	530	64.4	53.6	10.6	2.9	1.0	10.8	3.0	1.0	10.9	3.0	1.0	11.2	3.2	1.1	11.9	3.6	1.2	13.9	4.4	1.2
					59.0	12.8	3.0	1.1	13.0	3.1	1.1	13.1	3.1	1.1	13.5	3.3	1.2	14.4	3.7	1.3	16.7	4.6	1.4
53.6	12.7				6.7	1.1	12.9	6.9	1.2	13.1	7.1	1.2	13.4	7.4	1.2	14.3	8.4	1.3	16.7	10.3	1.4		
69.8	59.0			13.0	5.5	1.2	13.2	5.6	1.2	13.4	5.8	1.2	13.8	6.0	1.3	14.7	6.8	1.4	17.1	8.4	1.5		
	66.2			15.1	4.3	1.3	15.4	4.5	1.3	15.6	4.6	1.3	16.0	4.8	1.4	17.1	5.4	1.5	19.8	6.7	1.6		
	60.8			13.6	6.9	1.2	13.8	7.1	1.2	14.0	7.3	1.2	14.4	7.6	1.3	15.3	8.6	1.4	17.8	10.6	1.5		
75.2	66.2			15.5	6.7	1.3	15.7	6.9	1.3	15.9	7.1	1.3	16.3	7.3	1.4	17.4	8.3	1.5	20.2	10.2	1.6		
	73.4			15.1	3.1	1.3	15.4	3.2	1.3	15.6	3.3	1.4	16.0	3.5	1.4	17.1	3.9	1.5	19.8	4.8	1.6		
	60.8			14.2	8.6	1.2	14.4	8.8	1.3	14.6	9.1	1.3	15.0	9.4	1.3	16.0	10.7	1.5	18.6	13.2	1.6		
80.6	66.2			15.8	8.5	1.3	16.0	8.8	1.3	16.2	9.0	1.3	16.7	9.4	1.4	17.8	10.6	1.5	20.7	13.1	1.6		
	73.4			16.7	5.8	1.3	17.0	6.0	1.3	17.2	6.1	1.4	17.7	6.4	1.4	18.8	7.2	1.5	21.9	8.9	1.6		
	84.2			66.2	16.1	9.1	1.3	16.3	9.4	1.3	16.5	9.6	1.3	17.0	10.0	1.4	18.1	11.4	1.5	21.1	14.0	1.6	
86.0	60.8			14.9	9.6	1.3	15.2	9.9	1.3	15.4	10.1	1.3	15.8	10.5	1.4	16.8	12.0	1.5	19.6	14.7	1.6		
	66.2			16.2	9.8	1.3	16.5	10.0	1.3	16.7	10.3	1.3	17.2	10.7	1.4	18.3	12.1	1.5	21.3	14.9	1.6		
	73.4			17.1	8.0	1.3	17.3	8.2	1.3	17.5	8.4	1.4	18.0	8.8	1.4	19.2	9.9	1.5	22.3	12.2	1.7		
89.6	60.8			15.7	10.4	1.3	15.9	10.7	1.3	16.2	11.0	1.3	16.6	11.4	1.4	17.7	12.9	1.5	20.6	15.9	1.6		
	66.2			16.7	11.0	1.3	17.0	11.2	1.3	17.2	11.6	1.4	17.7	12.0	1.4	18.8	13.6	1.5	21.9	16.8	1.6		
	73.4			18.5	10.7	1.3	18.8	11.0	1.4	19.0	11.3	1.4	19.6	11.7	1.5	20.9	13.3	1.6	24.3	16.3	1.7		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																	
				86			95			102.2			109.4			114.8			118.4		
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
High	706	64.4	48.2	15.0	9.0	1.4	15.5	9.8	1.6	15.2	9.7	1.8	12.4	8.1	1.5	11.6	7.7	1.4	10.8	7.3	1.4
			53.6	15.6	5.9	1.4	16.1	6.4	1.7	15.7	6.3	1.8	12.8	5.3	1.5	12.0	5.0	1.4	11.2	4.8	1.5
			59.0	18.8	6.1	1.6	19.3	6.6	1.9	19.0	6.5	2.0	15.5	5.4	1.7	14.5	5.2	1.6	13.5	4.9	1.6
		69.8	53.6	18.7	13.7	1.7	19.3	14.8	1.9	18.9	14.7	2.1	15.4	12.2	1.7	14.4	11.7	1.7	13.5	11.1	1.7
			59.0	19.1	11.2	1.7	19.7	12.1	2.0	19.3	12.0	2.2	15.8	10.0	1.8	14.8	9.6	1.7	13.8	9.1	1.7
			66.2	22.2	8.8	1.8	22.9	9.6	2.1	22.5	9.5	2.3	18.3	7.9	1.9	17.2	7.6	1.8	16.1	7.2	1.9
		75.2	60.8	20.0	14.0	1.7	20.6	15.2	2.0	20.2	15.1	2.2	16.5	12.6	1.8	15.4	12.0	1.7	14.4	11.4	1.7
			66.2	22.7	13.6	1.8	23.4	14.8	2.2	22.9	14.6	2.4	18.7	12.2	1.9	17.6	11.6	1.8	16.4	11.1	1.9
			73.4	22.3	6.4	1.9	22.9	7.0	2.2	22.5	6.9	2.4	18.4	5.7	2.0	17.2	5.5	1.9	16.1	5.2	2.0
		80.6	60.8	20.9	17.5	1.8	21.5	19.0	2.1	21.1	18.8	2.3	17.2	15.7	1.9	16.1	15.0	1.8	15.0	14.2	1.8
			66.2	23.2	17.4	1.9	23.9	18.9	2.2	23.4	18.7	2.4	19.1	15.5	2.0	17.9	14.9	1.9	16.7	14.1	1.9
			73.4	24.6	11.8	1.9	25.3	12.8	2.2	24.8	12.7	2.4	20.3	10.5	2.0	19.0	10.1	1.9	17.7	9.6	1.9
		84.2	66.2	23.6	18.6	1.9	24.4	20.2	2.2	23.9	20.0	2.4	19.5	16.7	2.0	18.3	15.9	1.9	17.1	15.1	1.9
			60.8	22.0	19.6	1.8	22.6	21.2	2.1	22.2	21.0	2.3	18.1	17.5	1.9	17.0	16.7	1.8	15.8	15.9	1.9
			66.2	23.9	19.9	1.9	24.6	21.6	2.2	24.1	21.4	2.4	19.7	17.8	2.0	18.5	17.0	1.9	17.2	16.2	1.9
		86.0	73.4	25.1	16.3	1.9	25.8	17.7	2.2	25.3	17.5	2.4	20.7	14.6	2.0	19.4	13.9	1.9	18.1	13.2	2.0
			60.8	23.1	21.2	1.9	23.8	23.0	2.2	23.3	22.7	2.4	19.0	18.9	2.0	17.8	18.1	1.9	16.7	17.2	1.9
			66.2	24.6	22.3	1.9	25.3	24.2	2.2	24.8	24.0	2.4	20.3	19.9	2.0	19.0	19.1	1.9	17.7	18.1	1.9
		89.6	73.4	25.3	20.2	1.9	26.1	21.9	2.2	25.6	21.7	2.4	20.9	18.1	2.0	19.6	17.3	1.9	18.3	16.4	2.0
			60.8	23.1	21.2	1.9	23.8	23.0	2.2	23.3	22.7	2.4	19.0	18.9	2.0	17.8	18.1	1.9	16.7	17.2	1.9
66.2	24.6		22.3	1.9	25.3	24.2	2.2	24.8	24.0	2.4	20.3	19.9	2.0	19.0	19.1	1.9	17.7	18.1	1.9		
Medium	618	64.4	48.2	14.7	8.2	1.4	15.2	8.9	1.6	14.9	8.8	1.7	12.1	7.3	1.4	11.4	7.0	1.4	10.6	6.7	1.4
			53.6	15.3	5.4	1.4	15.7	5.8	1.7	15.4	5.8	1.8	12.6	4.8	1.5	11.8	4.6	1.4	11.0	4.4	1.5
			59.0	18.4	5.5	1.6	19.0	6.0	1.8	18.6	5.9	2.0	15.2	4.9	1.7	14.2	4.7	1.6	13.2	4.5	1.6
		69.8	53.6	18.3	12.5	1.6	18.9	13.5	1.9	18.5	13.4	2.1	15.1	11.1	1.7	14.2	10.6	1.6	13.2	10.1	1.7
			59.0	18.7	10.2	1.7	19.3	11.1	2.0	18.9	10.9	2.1	15.5	9.1	1.8	14.5	8.7	1.7	13.5	8.3	1.7
			66.2	21.8	8.1	1.8	22.5	8.7	2.1	22.0	8.7	2.3	18.0	7.2	1.9	16.9	6.9	1.8	15.7	6.6	1.8
		75.2	60.8	19.6	12.8	1.7	20.2	13.9	2.0	19.8	13.7	2.1	16.1	11.4	1.8	15.1	10.9	1.7	14.1	10.4	1.7
			66.2	22.3	12.4	1.8	22.9	13.5	2.1	22.5	13.3	2.3	18.4	11.1	1.9	17.2	10.6	1.8	16.1	10.1	1.9
			73.4	21.8	5.8	1.9	22.5	6.3	2.2	22.0	6.3	2.4	18.0	5.2	2.0	16.9	5.0	1.9	15.7	4.8	1.9
		80.6	60.8	20.4	16.0	1.8	21.1	17.3	2.1	20.6	17.2	2.3	16.9	14.3	1.9	15.8	13.7	1.8	14.7	13.0	1.8
			66.2	22.7	15.8	1.8	23.4	17.2	2.2	22.9	17.0	2.4	18.7	14.2	1.9	17.6	13.5	1.8	16.4	12.9	1.9
			73.4	24.1	10.8	1.9	24.8	11.7	2.2	24.3	11.5	2.4	19.8	9.6	2.0	18.6	9.2	1.9	17.4	8.7	1.9
		84.2	66.2	23.2	17.0	1.9	23.9	18.4	2.2	23.4	18.2	2.4	19.1	15.2	2.0	17.9	14.5	1.9	16.7	13.8	1.9
			60.8	21.5	17.8	1.8	22.2	19.4	2.1	21.7	19.2	2.3	17.7	15.9	1.9	16.6	15.2	1.8	15.5	14.5	1.8
			66.2	23.4	18.1	1.9	24.1	19.7	2.2	23.6	19.5	2.4	19.3	16.2	2.0	18.1	15.5	1.9	16.9	14.7	1.9
		86.0	73.4	24.6	14.8	1.9	25.3	16.1	2.2	24.8	15.9	2.4	20.3	13.3	2.0	19.0	12.7	1.9	17.7	12.1	1.9
			60.8	22.6	19.3	1.8	23.3	20.9	2.2	22.9	20.7	2.4	18.7	17.3	1.9	17.5	16.5	1.8	16.3	15.7	1.9
			66.2	24.1	20.3	1.9	24.8	22.1	2.2	24.3	21.8	2.4	19.8	18.2	2.0	18.6	17.4	1.9	17.4	16.5	1.9
		89.6	73.4	25.3	18.8	1.9	26.1	20.4	2.2	25.6	20.2	2.4	20.9	16.8	2.0	19.6	16.1	1.9	18.3	15.3	2.0
			48.2	14.0	7.5	1.3	14.4	8.1	1.6	14.1	8.0	1.7	11.5	6.7	1.4	10.8	6.4	1.3	10.1	6.1	1.4
53.6	14.5		4.9	1.4	14.9	5.3	1.7	14.6	5.2	1.8	11.9	4.4	1.5	11.2	4.2	1.4	10.5	4.0	1.4		
Low	530	64.4	59.0	17.5	5.0	1.5	18.0	5.4	1.8	17.6	5.4	2.0	14.4	4.5	1.6	13.5	4.3	1.5	12.6	4.1	1.6
			53.6	17.4	11.3	1.6	17.9	12.3	1.9	17.6	12.2	2.1	14.3	10.1	1.7	13.4	9.7	1.6	12.5	9.2	1.7
			59.0	17.8	9.3	1.7	18.3	10.0	1.9	18.0	9.9	2.1	14.7	8.3	1.8	13.8	7.9	1.7	12.8	7.5	1.7
		69.8	66.2	20.7	7.3	1.8	21.3	7.9	2.1	20.9	7.9	2.3	17.1	6.5	1.9	16.0	6.3	1.8	14.9	6.0	1.8
			60.8	18.6	11.6	1.7	19.2	12.6	1.9	18.8	12.5	2.1	15.3	10.4	1.8	14.4	9.9	1.7	13.4	9.4	1.7
			66.2	21.1	11.3	1.8	21.8	12.2	2.1	21.3	12.1	2.3	17.4	10.1	1.9	16.3	9.6	1.8	15.2	9.2	1.8
		75.2	73.4	20.7	5.3	1.9	21.3	5.8	2.2	20.9	5.7	2.4	17.1	4.7	2.0	16.0	4.5	1.9	14.9	4.3	1.9
			60.8	19.4	14.5	1.8	20.0	15.7	2.1	19.6	15.6	2.3	16.0	13.0	1.9	15.0	12.4	1.8	14.0	11.8	1.8
			66.2	21.5	14.4	1.8	22.2	15.6	2.1	21.8	15.5	2.3	17.8	12.9	1.9	16.7	12.3	1.8	15.5	11.7	1.9
		80.6	73.4	22.8	9.8	1.9	23.5	10.6	2.2	23.1	10.5	2.4	18.8	8.7	2.0	17.7	8.3	1.9	16.5	7.9	1.9
			66.2	22.0	15.4	1.8	22.7	16.7	2.2	22.2	16.6	2.4	18.1	13.8	1.9	17.0	13.2	1.8	15.9	12.5	1.9
			60.8	20.4	16.2	1.8	21.0	17.6	2.1	20.6	17.4	2.3	16.8	14.5	1.9	15.8	13.8	1.8	14.7	13.2	1.8
		86.0	66.2	22.2	16.5	1.8	22.9	17.9	2.2	22.4	17.7	2.4	18.3	14.7	1.9	17.2	14.1	1.8	16.0	13.4	1.9
			73.4	23.3	13.5	1.9	24.0	14.6	2.2	23.5	14.5	2.4	19.2	12.0	2.0	18.0	11.5	1.9	16.8	11.0	1.9
			60.8	21.5	17.5	1.8	22.1	19.0	2.1	21.7	18.8	2.3	17.7	15.7	1.9	16.6	15.0	1.8	15.5	14.2	1.9
		89.6	66.2	22.8	18.5	1.9	23.5	20.0	2.2	23.1	19.8	2.4	18.8	16.5	2.0	17.7	15.8	1.9	16.5	15.0	1.9
			73.4	25.3	18.0	1.9	26.1	19.5	2.2	25.6	19.3	2.4	20.9	16.1	2.0	19.6	15.4	1.9	18.3	14.6	2.0

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD30NK3C1O Indoor Unit:GTH30K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)															
				5			14			19.4			23			32			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	942	64.4	48.2	12.8	5.8	1.1	13.0	6.0	1.1	13.2	6.2	1.2	13.4	6.4	1.2	13.6	6.5	1.2	
			53.6	13.3	3.8	1.2	13.5	3.9	1.2	13.7	4.0	1.2	13.9	4.2	1.2	14.1	4.3	1.3	
			59.0	16.1	3.9	1.3	16.3	4.0	1.3	16.5	4.2	1.3	16.8	4.3	1.4	17.0	4.4	1.4	
		69.8	53.6	16.0	8.9	1.3	16.2	9.1	1.4	16.5	9.4	1.4	16.7	9.7	1.4	16.9	9.9	1.4	
			59.0	16.4	7.3	1.4	16.6	7.5	1.4	16.9	7.7	1.4	17.1	7.9	1.4	17.4	8.1	1.5	
			66.2	19.0	5.7	1.5	19.3	5.9	1.5	19.6	6.1	1.5	19.9	6.2	1.6	20.2	6.4	1.6	
		75.2	60.8	17.1	9.1	1.4	17.3	9.4	1.4	17.6	9.6	1.4	17.9	9.9	1.4	18.1	10.2	1.5	
			66.2	19.4	8.8	1.5	19.7	9.1	1.5	20.0	9.4	1.5	20.3	9.6	1.6	20.6	9.9	1.6	
			73.4	19.0	4.2	1.6	19.3	4.3	1.6	19.6	4.4	1.6	19.9	4.5	1.6	20.2	4.7	1.7	
		80.6	60.8	17.8	11.4	1.5	18.1	11.7	1.5	18.4	12.0	1.5	18.6	12.4	1.5	18.9	12.7	1.6	
			66.2	19.8	11.3	1.5	20.1	11.6	1.5	20.4	11.9	1.6	20.7	12.3	1.6	21.0	12.6	1.6	
			73.4	21.0	7.6	1.5	21.3	7.9	1.6	21.6	8.1	1.6	22.0	8.3	1.6	22.3	8.6	1.6	
	84.2	66.2	20.2	12.1	1.5	20.5	12.4	1.5	20.8	12.8	1.6	21.1	13.1	1.6	21.4	13.5	1.6		
		60.8	18.8	12.7	1.5	19.1	13.1	1.5	19.3	13.4	1.5	19.6	13.8	1.6	19.9	14.2	1.6		
		66.2	20.4	12.9	1.5	20.7	13.3	1.5	21.0	13.6	1.6	21.3	14.0	1.6	21.6	14.4	1.6		
	86.0	73.4	21.4	10.6	1.6	21.8	10.9	1.6	22.1	11.2	1.6	22.4	11.5	1.6	22.7	11.8	1.7		
		60.8	19.7	13.7	1.5	20.0	14.1	1.5	20.3	14.5	1.6	20.6	14.9	1.6	20.9	15.4	1.6		
		66.2	21.0	14.5	1.5	21.3	14.9	1.6	21.6	15.3	1.6	22.0	15.7	1.6	22.3	16.2	1.6		
	89.6	73.4	21.6	13.1	1.6	22.0	13.5	1.6	22.3	13.9	1.6	22.6	14.3	1.6	22.9	14.7	1.7		
		60.8	19.4	12.5	1.5	19.6	12.9	1.5	19.9	13.2	1.5	20.2	13.6	1.6	20.5	14.0	1.6		
		66.2	20.6	13.2	1.5	20.9	13.6	1.5	21.2	14.0	1.6	21.5	14.3	1.6	21.8	14.8	1.6		
	Medium	853	64.4	48.2	12.6	5.3	1.1	12.8	5.5	1.1	13.0	5.6	1.1	13.2	5.8	1.2	13.3	6.0	1.2
				53.6	13.1	3.5	1.2	13.3	3.6	1.2	13.5	3.7	1.2	13.6	3.8	1.2	13.8	3.9	1.2
				59.0	15.7	3.6	1.3	16.0	3.7	1.3	16.2	3.8	1.3	16.4	3.9	1.3	16.7	4.0	1.4
69.8			53.6	15.7	8.1	1.3	15.9	8.3	1.4	16.1	8.6	1.4	16.4	8.8	1.4	16.6	9.0	1.4	
			59.0	16.0	6.6	1.4	16.3	6.8	1.4	16.5	7.0	1.4	16.8	7.2	1.4	17.0	7.4	1.5	
			66.2	18.6	5.2	1.5	18.9	5.4	1.5	19.2	5.5	1.5	19.5	5.7	1.5	19.8	5.9	1.6	
75.2			60.8	16.7	8.3	1.4	17.0	8.5	1.4	17.3	8.8	1.4	17.5	9.0	1.4	17.8	9.3	1.5	
			66.2	19.0	8.1	1.5	19.3	8.3	1.5	19.6	8.5	1.5	19.9	8.8	1.6	20.2	9.0	1.6	
			73.4	18.7	3.8	1.5	18.9	3.9	1.6	19.2	4.0	1.6	19.5	4.1	1.6	19.8	4.2	1.6	
80.6			60.8	17.5	10.4	1.4	17.7	10.7	1.5	18.0	11.0	1.5	18.3	11.3	1.5	18.5	11.6	1.6	
			66.2	19.4	10.3	1.5	19.7	10.6	1.5	20.0	10.9	1.5	20.3	11.2	1.6	20.6	11.5	1.6	
			73.4	20.6	7.0	1.5	20.9	7.2	1.5	21.2	7.4	1.6	21.5	7.6	1.6	21.8	7.8	1.6	
84.2		66.2	19.8	11.0	1.5	20.1	11.3	1.5	20.4	11.7	1.6	20.7	12.0	1.6	21.0	12.3	1.6		
		60.8	18.4	11.6	1.5	18.7	11.9	1.5	19.0	12.2	1.5	19.2	12.6	1.5	19.5	12.9	1.6		
		66.2	20.0	11.7	1.5	20.3	12.1	1.5	20.6	12.4	1.6	20.9	12.8	1.6	21.2	13.1	1.6		
86.0		73.4	21.0	9.6	1.5	21.3	9.9	1.6	21.6	10.2	1.6	22.0	10.5	1.6	22.3	10.8	1.6		
		60.8	19.4	12.5	1.5	19.6	12.9	1.5	19.9	13.2	1.5	20.2	13.6	1.6	20.5	14.0	1.6		
		66.2	20.6	13.2	1.5	20.9	13.6	1.5	21.2	14.0	1.6	21.5	14.3	1.6	21.8	14.8	1.6		
89.6		73.4	21.6	12.2	1.6	22.0	12.5	1.6	22.3	12.9	1.6	22.6	13.3	1.6	22.9	13.6	1.7		
		60.8	19.4	12.5	1.5	19.6	12.9	1.5	19.9	13.2	1.5	20.2	13.6	1.6	20.5	14.0	1.6		
		66.2	20.6	13.2	1.5	20.9	13.6	1.5	21.2	14.0	1.6	21.5	14.3	1.6	21.8	14.8	1.6		
Low		765	64.4	48.2	11.9	4.8	1.1	12.1	5.0	1.1	12.3	5.1	1.1	12.5	5.3	1.2	12.7	5.4	1.2
				53.6	12.4	3.2	1.1	12.6	3.2	1.2	12.8	3.3	1.2	13.0	3.4	1.2	13.1	3.5	1.2
				59.0	14.9	3.2	1.3	15.2	3.3	1.3	15.4	3.4	1.3	15.6	3.5	1.3	15.8	3.6	1.3
	69.8		53.6	14.9	7.3	1.3	15.1	7.6	1.3	15.3	7.8	1.4	15.5	8.0	1.4	15.8	8.2	1.4	
			59.0	15.2	6.0	1.3	15.4	6.2	1.4	15.7	6.4	1.4	15.9	6.5	1.4	16.1	6.7	1.4	
			66.2	17.7	4.7	1.4	18.0	4.9	1.5	18.2	5.0	1.5	18.5	5.2	1.5	18.8	5.3	1.6	
	75.2		60.8	15.9	7.5	1.3	16.1	7.8	1.4	16.4	8.0	1.4	16.6	8.2	1.4	16.9	8.4	1.4	
			66.2	18.1	7.3	1.5	18.3	7.5	1.5	18.6	7.7	1.5	18.9	8.0	1.5	19.2	8.2	1.6	
			73.4	17.7	3.4	1.5	18.0	3.5	1.5	18.2	3.6	1.6	18.5	3.7	1.6	18.8	3.9	1.6	
	80.6		60.8	16.6	9.4	1.4	16.8	9.7	1.5	17.1	10.0	1.5	17.3	10.2	1.5	17.6	10.5	1.5	
			66.2	18.4	9.3	1.5	18.7	9.6	1.5	19.0	9.9	1.5	19.3	10.2	1.6	19.5	10.4	1.6	
			73.4	19.5	6.3	1.5	19.8	6.5	1.5	20.1	6.7	1.6	20.4	6.9	1.6	20.7	7.1	1.6	
	84.2	66.2	18.8	10.0	1.5	19.1	10.3	1.5	19.4	10.6	1.5	19.7	10.9	1.6	19.9	11.2	1.6		
		60.8	17.5	10.5	1.4	17.7	10.8	1.5	18.0	11.1	1.5	18.3	11.4	1.5	18.5	11.8	1.6		
		66.2	19.0	10.7	1.5	19.3	11.0	1.5	19.6	11.3	1.5	19.8	11.6	1.6	20.1	11.9	1.6		
	86.0	73.4	19.9	8.7	1.5	20.2	9.0	1.5	20.5	9.3	1.6	20.8	9.5	1.6	21.1	9.8	1.6		
		60.8	18.4	11.4	1.5	18.6	11.7	1.5	18.9	12.0	1.5	19.2	12.4	1.6	19.5	12.7	1.6		
		66.2	19.5	12.0	1.5	19.8	12.3	1.5	20.1	12.7	1.6	20.4	13.0	1.6	20.7	13.4	1.6		
	89.6	73.4	21.6	11.7	1.6	22.0	12.0	1.6	22.3	12.3	1.6	22.6	12.7	1.6	22.9	13.1	1.7		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																			
				41			50			59			64.4			69.8			77				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	942	64.4	48.2	13.8	6.7	1.2	14.0	6.9	1.2	14.2	7.1	1.3	14.6	7.4	1.3	15.6	8.4	1.4	18.1	10.3	1.5		
			53.6	14.3	4.4	1.3	14.5	4.5	1.3	14.7	4.6	1.3	15.1	4.8	1.4	16.1	5.5	1.5	18.8	6.7	1.6		
			59.0	17.3	4.5	1.4	17.5	4.6	1.4	17.8	4.8	1.4	18.2	5.0	1.5	19.5	5.6	1.6	22.6	6.9	1.7		
		69.8	53.6	17.2	10.2	1.5	17.4	10.5	1.5	17.7	10.8	1.5	18.2	11.2	1.6	19.4	12.7	1.7	22.5	15.6	1.8		
			59.0	17.6	8.3	1.5	17.8	8.6	1.5	18.1	8.8	1.5	18.6	9.2	1.6	19.8	10.4	1.7	23.1	12.8	1.9		
			66.2	20.5	6.6	1.6	20.8	6.8	1.6	21.0	7.0	1.7	21.6	7.2	1.7	23.1	8.2	1.9	26.8	10.1	2.0		
		75.2	60.8	18.4	10.5	1.5	18.6	10.8	1.5	18.9	11.0	1.5	19.4	11.5	1.6	20.7	13.0	1.7	24.1	16.0	1.9		
			66.2	20.9	10.2	1.6	21.2	10.4	1.7	21.5	10.7	1.7	22.1	11.2	1.8	23.5	12.6	1.9	27.4	15.6	2.0		
			73.4	20.5	4.8	1.7	20.8	4.9	1.7	21.1	5.0	1.7	21.6	5.2	1.8	23.1	5.9	2.0	26.8	7.3	2.1		
		80.6	60.8	19.2	13.1	1.6	19.5	13.4	1.6	19.7	13.8	1.6	20.3	14.3	1.7	21.6	16.3	1.9	25.1	20.0	2.0		
			66.2	21.3	13.0	1.6	21.6	13.3	1.7	21.9	13.7	1.7	22.5	14.2	1.8	24.0	16.1	1.9	27.9	19.9	2.1		
			73.4	22.6	8.8	1.7	22.9	9.0	1.7	23.2	9.3	1.7	23.9	9.7	1.8	25.5	10.9	2.0	29.6	13.5	2.1		
		84.2	66.2	21.7	13.9	1.7	22.1	14.3	1.7	22.4	14.7	1.7	23.0	15.2	1.8	24.5	17.3	1.9	28.5	21.3	2.1		
			60.8	20.2	14.6	1.6	20.5	15.0	1.6	20.8	15.4	1.7	21.3	16.0	1.7	22.8	18.2	1.9	26.5	22.3	2.0		
			66.2	22.0	14.8	1.7	22.3	15.2	1.7	22.6	15.6	1.7	23.2	16.3	1.8	24.7	18.4	1.9	28.8	22.7	2.1		
		86.0	73.4	23.1	12.1	1.7	23.4	12.5	1.7	23.7	12.8	1.8	24.4	13.3	1.8	26.0	15.1	2.0	30.2	18.6	2.1		
			60.8	21.2	15.8	1.6	21.5	16.2	1.7	21.8	16.7	1.7	22.4	17.3	1.8	23.9	19.6	1.9	27.8	24.2	2.1		
			66.2	22.6	16.6	1.7	22.9	17.1	1.7	23.2	17.5	1.7	23.9	18.3	1.8	25.5	20.7	2.0	29.6	25.5	2.1		
		89.6	73.4	23.3	15.1	1.7	23.6	15.5	1.7	23.9	15.9	1.8	24.6	16.5	1.8	26.2	18.8	2.0	30.5	23.1	2.1		
			48.2	13.5	6.1	1.2	13.7	6.3	1.2	13.9	6.5	1.2	14.3	6.7	1.3	15.3	7.6	1.4	17.7	9.4	1.5		
			53.6	14.0	4.0	1.3	14.2	4.1	1.3	14.4	4.2	1.3	14.8	4.4	1.4	15.8	5.0	1.5	18.4	6.1	1.6		
		Medium	853	64.4	59.0	16.9	4.1	1.4	17.2	4.2	1.4	17.4	4.3	1.4	17.9	4.5	1.5	19.1	5.1	1.6	22.2	6.3	1.7
					53.6	16.8	9.3	1.5	17.1	9.5	1.5	17.3	9.8	1.5	17.8	10.2	1.6	19.0	11.6	1.7	22.1	14.2	1.8
					59.0	17.2	7.6	1.5	17.5	7.8	1.5	17.7	8.0	1.5	18.2	8.3	1.6	19.4	9.5	1.7	22.6	11.6	1.9
69.8	66.2			20.1	6.0	1.6	20.3	6.2	1.6	20.6	6.3	1.6	21.2	6.6	1.7	22.6	7.5	1.9	26.3	9.2	2.0		
	60.8			18.0	9.5	1.5	18.3	9.8	1.5	18.5	10.1	1.5	19.0	10.5	1.6	20.3	11.9	1.7	23.6	14.6	1.9		
	66.2			20.5	9.3	1.6	20.8	9.5	1.6	21.1	9.8	1.7	21.6	10.2	1.7	23.1	11.5	1.9	26.8	14.2	2.0		
75.2	73.4			20.1	4.4	1.7	20.3	4.5	1.7	20.6	4.6	1.7	21.2	4.8	1.8	22.6	5.4	2.0	26.3	6.7	2.1		
	60.8			18.8	11.9	1.6	19.1	12.2	1.6	19.3	12.6	1.6	19.9	13.1	1.7	21.2	14.8	1.8	24.6	18.2	2.0		
	66.2			20.9	11.8	1.6	21.2	12.1	1.7	21.5	12.5	1.7	22.1	13.0	1.8	23.5	14.7	1.9	27.4	18.1	2.0		
80.6	73.4			22.1	8.0	1.7	22.5	8.2	1.7	22.8	8.5	1.7	23.4	8.8	1.8	25.0	10.0	1.9	29.0	12.3	2.1		
	66.2			21.3	12.7	1.6	21.6	13.0	1.7	21.9	13.4	1.7	22.5	13.9	1.8	24.0	15.7	1.9	27.9	19.4	2.1		
	60.8			19.8	13.3	1.6	20.1	13.7	1.6	20.4	14.0	1.6	20.9	14.6	1.7	22.3	16.5	1.9	25.9	20.4	2.0		
86.0	66.2			21.5	13.5	1.6	21.8	13.9	1.7	22.1	14.3	1.7	22.7	14.8	1.8	24.2	16.8	1.9	28.2	20.7	2.1		
	73.4			22.6	11.1	1.7	22.9	11.4	1.7	23.2	11.7	1.7	23.9	12.1	1.8	25.5	13.8	2.0	29.6	16.9	2.1		
	60.8			20.8	14.4	1.6	21.1	14.8	1.7	21.4	15.2	1.7	22.0	15.8	1.8	23.5	17.9	1.9	27.3	22.0	2.0		
89.6	66.2			22.1	15.2	1.7	22.5	15.6	1.7	22.8	16.0	1.7	23.4	16.6	1.8	25.0	18.9	1.9	29.0	23.2	2.1		
	73.4			23.3	14.0	1.7	23.6	14.4	1.7	23.9	14.8	1.8	24.6	15.4	1.8	26.2	17.4	2.0	30.5	21.5	2.1		
	48.2			12.8	5.6	1.2	13.0	5.7	1.2	13.2	5.9	1.2	13.6	6.1	1.3	14.5	6.9	1.4	16.8	8.5	1.5		
Low	765			64.4	53.6	13.3	3.6	1.2	13.5	3.7	1.3	13.7	3.8	1.3	14.1	4.0	1.4	15.0	4.5	1.5	17.5	5.6	1.6
					59.0	16.1	3.7	1.4	16.3	3.8	1.4	16.5	3.9	1.4	17.0	4.1	1.5	18.1	4.7	1.6	21.0	5.7	1.7
					53.6	16.0	8.4	1.4	16.2	8.7	1.5	16.4	8.9	1.5	16.9	9.3	1.6	18.0	10.5	1.7	20.9	12.9	1.8
				69.8	59.0	16.4	6.9	1.5	16.6	7.1	1.5	16.8	7.3	1.5	17.3	7.6	1.6	18.4	8.6	1.7	21.4	10.6	1.8
					66.2	19.0	5.5	1.6	19.3	5.6	1.6	19.6	5.8	1.6	20.1	6.0	1.7	21.4	6.8	1.8	24.9	8.4	2.0
					60.8	17.1	8.7	1.5	17.3	8.9	1.5	17.6	9.1	1.5	18.1	9.5	1.6	19.3	10.8	1.7	22.4	13.3	1.8
		75.2	66.2	19.4	8.4	1.6	19.7	8.6	1.6	20.0	8.9	1.6	20.5	9.2	1.7	21.9	10.5	1.9	25.4	12.9	2.0		
			73.4	19.0	4.0	1.7	19.3	4.1	1.7	19.6	4.2	1.7	20.1	4.3	1.8	21.5	4.9	1.9	24.9	6.1	2.1		
			60.8	17.8	10.8	1.6	18.1	11.1	1.6	18.3	11.4	1.6	18.8	11.9	1.7	20.1	13.5	1.8	23.4	16.6	2.0		
		80.6	66.2	19.8	10.7	1.6	20.1	11.0	1.6	20.4	11.3	1.7	20.9	11.8	1.7	22.3	13.4	1.9	26.0	16.4	2.0		
			73.4	21.0	7.3	1.6	21.3	7.5	1.7	21.6	7.7	1.7	22.2	8.0	1.8	23.7	9.1	1.9	27.5	11.1	2.1		
			84.2	66.2	20.2	11.5	1.6	20.5	11.8	1.7	20.8	12.1	1.7	21.4	12.6	1.8	22.8	14.3	1.9	26.5	17.6	2.0	
		86.0	60.8	18.8	12.1	1.6	19.1	12.4	1.6	19.3	12.7	1.6	19.8	13.3	1.7	21.2	15.0	1.8	24.6	18.5	2.0		
			66.2	20.4	12.3	1.6	20.7	12.6	1.7	21.0	12.9	1.7	21.6	13.5	1.8	23.0	15.3	1.9	26.7	18.8	2.0		
			73.4	21.4	10.1	1.7	21.7	10.3	1.7	22.0	10.6	1.7	22.6	11.0	1.8	24.2	12.5	1.9	28.1	15.4	2.1		
		89.6	60.8	19.8	13.1	1.6	20.0	13.4	1.6	20.3	13.8	1.7	20.9	14.3	1.7	22.3	16.3	1.9	25.9	20.0	2.0		
			66.2	21.0	13.8	1.6	21.3	14.1	1.7	21.6	14.5	1.7	22.2	15.1	1.8	23.7	17.1	1.9	27.5	21.1	2.1		
			73.4	23.3	13.4	1.7	23.6	13.8	1.7	23.9	14.2	1.8	24.6	14.7	1.8	26.2	16.7	2.0	30.5	20.5	2.1		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																			
				86			95			102.2			109.4			114.8			118.4				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	942	64.4	48.2	18.9	11.3	1.7	19.5	12.3	2.0	19.1	12.2	2.2	15.6	10.1	1.8	14.6	9.7	1.7	13.6	9.2	1.8		
			53.6	19.6	7.4	1.8	20.2	8.0	2.1	19.8	7.9	2.3	16.1	6.6	1.9	15.1	6.3	1.8	14.1	6.0	1.8		
			59.0	23.6	7.6	2.0	24.3	8.3	2.3	23.8	8.2	2.5	19.5	6.8	2.1	18.2	6.5	2.0	17.0	6.2	2.0		
		69.8	53.6	23.5	17.2	2.1	24.2	18.7	2.4	23.7	18.5	2.7	19.4	15.4	2.2	18.2	14.7	2.1	16.9	14.0	2.1		
			59.0	24.0	14.1	2.1	24.8	15.3	2.5	24.3	15.1	2.7	19.8	12.6	2.2	18.6	12.0	2.1	17.4	11.4	2.2		
			66.2	28.0	11.1	2.3	28.8	12.1	2.7	28.2	11.9	2.9	23.1	9.9	2.4	21.6	9.5	2.3	20.2	9.0	2.3		
		75.2	60.8	25.1	17.6	2.1	25.9	19.1	2.5	25.4	19.0	2.7	20.7	15.8	2.2	19.4	15.1	2.1	18.1	14.3	2.2		
			66.2	28.5	17.1	2.3	29.4	18.6	2.7	28.8	18.4	3.0	23.5	15.3	2.4	22.1	14.6	2.3	20.6	13.9	2.4		
			73.4	28.0	8.1	2.4	28.8	8.7	2.8	28.3	8.7	3.1	23.1	7.2	2.5	21.6	6.9	2.4	20.2	6.6	2.5		
		80.6	60.8	26.2	22.0	2.3	27.0	23.9	2.7	26.5	23.7	2.9	21.6	19.7	2.4	20.3	18.8	2.3	18.9	17.9	2.3		
			66.2	29.1	21.9	2.3	30.0	23.7	2.7	29.4	23.5	3.0	24.0	19.5	2.5	22.5	18.7	2.3	21.0	17.8	2.4		
			73.4	30.9	14.8	2.4	31.8	16.1	2.8	31.2	15.9	3.0	25.5	13.3	2.5	23.9	12.7	2.4	22.3	12.1	2.4		
		84.2	66.2	29.7	23.4	2.4	30.6	25.4	2.8	30.0	25.1	3.0	24.5	20.9	2.5	23.0	20.0	2.4	21.4	19.0	2.4		
			60.8	27.6	24.6	2.3	28.5	26.7	2.7	27.9	26.4	2.9	22.8	22.0	2.4	21.3	21.0	2.3	19.9	20.0	2.3		
			66.2	30.0	25.0	2.4	30.9	27.1	2.8	30.3	26.8	3.0	24.7	22.3	2.5	23.2	21.4	2.4	21.6	20.3	2.4		
		86.0	73.4	31.5	20.5	2.4	32.5	22.2	2.8	31.8	22.0	3.1	26.0	18.3	2.5	24.4	17.5	2.4	22.7	16.6	2.5		
			60.8	29.0	26.6	2.3	29.9	28.9	2.7	29.3	28.6	3.0	23.9	23.8	2.5	22.4	22.7	2.3	20.9	21.6	2.4		
			66.2	30.9	28.0	2.4	31.8	30.4	2.8	31.2	30.1	3.0	25.5	25.1	2.5	23.9	24.0	2.4	22.3	22.8	2.4		
		89.6	73.4	31.8	25.4	2.4	32.8	27.6	2.8	32.1	27.3	3.1	26.2	22.7	2.5	24.6	21.7	2.4	22.9	20.7	2.5		
			48.2	18.5	10.3	1.7	19.1	11.2	2.0	18.7	11.1	2.2	15.3	9.2	1.8	14.3	8.8	1.7	13.3	8.4	1.7		
			53.6	19.2	6.7	1.8	19.8	7.3	2.1	19.4	7.2	2.3	15.8	6.0	1.9	14.8	5.8	1.8	13.8	5.5	1.8		
Medium	853	64.4	59.0	23.1	6.9	2.0	23.8	7.5	2.3	23.4	7.5	2.5	19.1	6.2	2.1	17.9	5.9	2.0	16.7	5.6	2.0		
			53.6	23.0	15.7	2.1	23.7	17.0	2.4	23.3	16.8	2.6	19.0	14.0	2.2	17.8	13.4	2.1	16.6	12.7	2.1		
			59.0	23.6	12.8	2.1	24.3	13.9	2.5	23.8	13.8	2.7	19.4	11.5	2.2	18.2	11.0	2.1	17.0	10.4	2.2		
		69.8	66.2	27.4	10.1	2.3	28.2	11.0	2.7	27.7	10.9	2.9	22.6	9.1	2.4	21.2	8.7	2.3	19.8	8.2	2.3		
			60.8	24.6	16.1	2.1	25.4	17.5	2.5	24.9	17.3	2.7	20.3	14.4	2.2	19.0	13.7	2.1	17.8	13.1	2.1		
			66.2	28.0	15.6	2.3	28.8	16.9	2.7	28.3	16.8	2.9	23.1	14.0	2.4	21.6	13.3	2.3	20.2	12.7	2.3		
		75.2	73.4	27.4	7.3	2.4	28.3	8.0	2.8	27.7	7.9	3.0	22.6	6.6	2.5	21.2	6.3	2.4	19.8	6.0	2.4		
			60.8	25.7	20.1	2.2	26.5	21.8	2.6	26.0	21.6	2.9	21.2	18.0	2.4	19.9	17.2	2.2	18.5	16.3	2.3		
			66.2	28.5	19.9	2.3	29.4	21.6	2.7	28.8	21.4	3.0	23.5	17.8	2.4	22.1	17.0	2.3	20.6	16.2	2.4		
		80.6	73.4	30.3	13.5	2.4	31.2	14.7	2.8	30.6	14.5	3.0	25.0	12.1	2.5	23.4	11.5	2.4	21.8	11.0	2.4		
			66.2	29.1	21.3	2.3	30.0	23.2	2.7	29.4	22.9	3.0	24.0	19.1	2.5	22.5	18.2	2.3	21.0	17.3	2.4		
			60.8	27.0	22.4	2.3	27.9	24.3	2.7	27.3	24.1	2.9	22.3	20.0	2.4	20.9	19.2	2.3	19.5	18.2	2.3		
		86.0	66.2	29.4	22.8	2.3	30.3	24.7	2.7	29.7	24.5	3.0	24.2	20.4	2.5	22.7	19.5	2.3	21.2	18.5	2.4		
			73.4	30.9	18.7	2.4	31.8	20.2	2.8	31.2	20.0	3.0	25.5	16.7	2.5	23.9	15.9	2.4	22.3	15.2	2.4		
			60.8	28.4	24.3	2.3	29.3	26.3	2.7	28.7	26.1	3.0	23.5	21.7	2.4	22.0	20.7	2.3	20.5	19.7	2.4		
		89.6	66.2	30.3	25.6	2.4	31.2	27.7	2.8	30.6	27.4	3.0	25.0	22.8	2.5	23.4	21.8	2.4	21.8	20.8	2.4		
			73.4	31.8	23.6	2.4	32.8	25.6	2.8	32.1	25.4	3.1	26.2	21.1	2.5	24.6	20.2	2.4	22.9	19.2	2.5		
			48.2	17.6	9.4	1.7	18.1	10.2	2.0	17.7	10.1	2.2	14.5	8.4	1.8	13.6	8.0	1.7	12.7	7.6	1.7		
		Low	765	64.4	53.6	18.2	6.1	1.8	18.8	6.6	2.1	18.4	6.6	2.3	15.0	5.5	1.9	14.1	5.2	1.8	13.1	5.0	1.8
					59.0	21.9	6.3	1.9	22.6	6.8	2.3	22.2	6.8	2.5	18.1	5.6	2.1	17.0	5.4	1.9	15.8	5.1	2.0
					53.6	21.8	14.2	2.0	22.5	15.4	2.4	22.1	15.3	2.6	18.0	12.7	2.2	16.9	12.2	2.0	15.8	11.6	2.1
69.8	59.0			22.4	11.6	2.1	23.1	12.6	2.4	22.6	12.5	2.7	18.4	10.4	2.2	17.3	9.9	2.1	16.1	9.5	2.1		
	66.2			26.0	9.2	2.2	26.8	10.0	2.6	26.3	9.9	2.9	21.4	8.2	2.4	20.1	7.9	2.2	18.8	7.5	2.3		
	60.8			23.4	14.6	2.1	24.1	15.8	2.4	23.6	15.7	2.7	19.3	13.1	2.2	18.1	12.5	2.1	16.9	11.9	2.1		
75.2	66.2			26.5	14.2	2.3	27.4	15.4	2.7	26.8	15.2	2.9	21.9	12.7	2.4	20.5	12.1	2.3	19.2	11.5	2.3		
	73.4			26.0	6.7	2.3	26.8	7.2	2.8	26.3	7.2	3.0	21.5	6.0	2.5	20.1	5.7	2.3	18.8	5.4	2.4		
	60.8			24.4	18.2	2.2	25.1	19.8	2.6	24.6	19.6	2.8	20.1	16.3	2.3	18.8	15.6	2.2	17.6	14.8	2.3		
80.6	66.2			27.1	18.1	2.3	27.9	19.6	2.7	27.4	19.4	2.9	22.3	16.2	2.4	20.9	15.5	2.3	19.5	14.7	2.3		
	73.4			28.7	12.3	2.3	29.6	13.3	2.7	29.0	13.2	3.0	23.7	11.0	2.5	22.2	10.5	2.3	20.7	10.0	2.4		
	66.2			27.6	19.4	2.3	28.5	21.0	2.7	27.9	20.8	3.0	22.8	17.3	2.4	21.4	16.6	2.3	19.9	15.7	2.4		
84.2	60.8			25.7	20.4	2.2	26.5	22.1	2.6	25.9	21.9	2.9	21.2	18.2	2.4	19.8	17.4	2.2	18.5	16.6	2.3		
	66.2			27.9	20.7	2.3	28.8	22.4	2.7	28.2	22.2	3.0	23.0	18.5	2.4	21.6	17.7	2.3	20.1	16.8	2.4		
	73.4			29.3	16.9	2.4	30.2	18.4	2.8	29.6	18.2	3.0	24.2	15.1	2.5	22.6	14.5	2.4	21.1	13.8	2.4		
86.0	60.8			27.0	22.0	2.3	27.8	23.9	2.7	27.3	23.7	2.9	22.3	19.7	2.4	20.9	18.8	2.3	19.5	17.9	2.3		
	66.2			28.7	23.2	2.3	29.6	25.2	2.7	29.0	24.9	3.0	23.7	20.7	2.5	22.2	19.8	2.3	20.7	18.9	2.4		
	73.4			31.8	22.6	2.4	32.8	24.5	2.8	32.1	24.3	3.1	26.2	20.2	2.5	24.6	19.3	2.4	22.9	18.4	2.5		

Outdoor Unit:GUHD36NK3C10/GUHD36NM3C10 Indoor Unit:GTH36K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																
				5			14			19.4			23			32				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1177	64.4	48.2	15.3	7.0	1.3	15.6	7.2	1.4	15.8	7.4	1.4	16.0	7.6	1.4	16.3	7.8	1.4		
			53.6	15.9	4.5	1.4	16.1	4.7	1.4	16.4	4.8	1.4	16.6	5.0	1.5	16.9	5.1	1.5		
			59.0	19.2	4.7	1.5	19.4	4.8	1.6	19.7	5.0	1.6	20.0	5.1	1.6	20.3	5.2	1.6		
		69.8	53.6	19.1	10.6	1.6	19.4	10.9	1.6	19.6	11.2	1.7	19.9	11.5	1.7	20.2	11.8	1.7		
			59.0	19.5	8.7	1.6	19.8	8.9	1.7	20.1	9.2	1.7	20.4	9.4	1.7	20.7	9.7	1.8		
			66.2	22.7	6.8	1.8	23.0	7.0	1.8	23.4	7.2	1.8	23.7	7.5	1.9	24.1	7.7	1.9		
		75.2	60.8	20.4	10.9	1.6	20.7	11.2	1.7	21.0	11.5	1.7	21.3	11.8	1.7	21.6	12.2	1.8		
			66.2	23.2	10.5	1.8	23.5	10.9	1.8	23.9	11.2	1.8	24.2	11.5	1.9	24.6	11.8	1.9		
			73.4	22.7	5.0	1.9	23.1	5.1	1.9	23.4	5.3	1.9	23.7	5.4	2.0	24.1	5.6	2.0		
		80.6	60.8	21.3	13.6	1.7	21.6	14.0	1.8	21.9	14.4	1.8	22.2	14.8	1.8	22.6	15.2	1.9		
			66.2	23.6	13.4	1.8	24.0	13.8	1.8	24.4	14.2	1.9	24.7	14.6	1.9	25.1	15.1	1.9		
			73.4	25.1	9.1	1.8	25.4	9.4	1.9	25.8	9.7	1.9	26.2	9.9	1.9	26.6	10.2	2.0		
		84.2	66.2	24.1	14.4	1.8	24.5	14.8	1.8	24.8	15.3	1.9	25.2	15.7	1.9	25.6	16.1	1.9		
			60.8	22.4	15.1	1.8	22.7	15.6	1.8	23.1	16.0	1.8	23.4	16.5	1.9	23.8	16.9	1.9		
			66.2	24.4	15.4	1.8	24.7	15.8	1.8	25.1	16.3	1.9	25.5	16.7	1.9	25.8	17.2	1.9		
		86.0	73.4	25.6	12.6	1.9	26.0	13.0	1.9	26.3	13.3	1.9	26.7	13.7	2.0	27.1	14.1	2.0		
			60.8	23.6	16.4	1.8	23.9	16.9	1.8	24.3	17.3	1.9	24.6	17.8	1.9	25.0	18.3	1.9		
			66.2	25.1	17.3	1.8	25.4	17.8	1.9	25.8	18.3	1.9	26.2	18.8	1.9	26.6	19.3	2.0		
		89.6	73.4	25.8	15.6	1.9	26.2	16.1	1.9	26.6	16.6	1.9	27.0	17.0	2.0	27.4	17.5	2.0		
			60.8	22.4	15.1	1.8	22.7	15.6	1.8	23.1	16.0	1.8	23.4	16.5	1.9	23.8	16.9	1.9		
			66.2	24.4	15.4	1.8	24.7	15.8	1.8	25.1	16.3	1.9	25.5	16.7	1.9	25.8	17.2	1.9		
		Medium	959	64.4	48.2	15.0	6.4	1.3	15.2	6.5	1.3	15.5	6.7	1.4	15.7	6.9	1.4	15.9	7.1	1.4
					53.6	15.6	4.1	1.4	15.8	4.3	1.4	16.1	4.4	1.4	16.3	4.5	1.5	16.5	4.6	1.5
					59.0	18.8	4.3	1.5	19.1	4.4	1.5	19.3	4.5	1.6	19.6	4.6	1.6	19.9	4.8	1.6
69.8	53.6			18.7	9.6	1.6	19.0	9.9	1.6	19.3	10.2	1.6	19.5	10.5	1.7	19.8	10.8	1.7		
	59.0			19.1	7.9	1.6	19.4	8.1	1.7	19.7	8.3	1.7	20.0	8.6	1.7	20.3	8.8	1.7		
	66.2			22.2	6.2	1.7	22.6	6.4	1.8	22.9	6.6	1.8	23.3	6.8	1.8	23.6	7.0	1.9		
75.2	60.8			20.0	9.9	1.6	20.3	10.2	1.7	20.6	10.5	1.7	20.9	10.8	1.7	21.2	11.1	1.7		
	66.2			22.7	9.6	1.8	23.1	9.9	1.8	23.4	10.2	1.8	23.7	10.5	1.9	24.1	10.8	1.9		
	73.4			22.3	4.5	1.8	22.6	4.7	1.9	22.9	4.8	1.9	23.3	4.9	1.9	23.6	5.1	2.0		
80.6	60.8			20.9	12.4	1.7	21.2	12.7	1.8	21.5	13.1	1.8	21.8	13.5	1.8	22.1	13.8	1.9		
	66.2			23.2	12.3	1.8	23.5	12.6	1.8	23.9	13.0	1.8	24.2	13.3	1.9	24.6	13.7	1.9		
	73.4			24.6	8.3	1.8	24.9	8.6	1.8	25.3	8.8	1.9	25.7	9.1	1.9	26.1	9.3	1.9		
84.2	66.2			23.6	13.1	1.8	24.0	13.5	1.8	24.4	13.9	1.9	24.7	14.3	1.9	25.1	14.7	1.9		
	60.8			22.0	13.8	1.7	22.3	14.2	1.8	22.6	14.6	1.8	23.0	15.0	1.8	23.3	15.4	1.9		
	66.2			23.9	14.0	1.8	24.2	14.4	1.8	24.6	14.8	1.9	25.0	15.3	1.9	25.3	15.7	1.9		
86.0	73.4			25.1	11.5	1.8	25.4	11.8	1.9	25.8	12.2	1.9	26.2	12.5	1.9	26.6	12.8	2.0		
	60.8			23.1	14.9	1.8	23.4	15.4	1.8	23.8	15.8	1.8	24.1	16.3	1.9	24.5	16.7	1.9		
	66.2			24.6	15.7	1.8	24.9	16.2	1.8	25.3	16.6	1.9	25.7	17.1	1.9	26.1	17.6	1.9		
89.6	73.4			25.8	14.5	1.9	26.2	15.0	1.9	26.6	15.4	1.9	27.0	15.8	2.0	27.4	16.3	2.0		
	60.8			23.1	14.9	1.8	23.4	15.4	1.8	23.8	15.8	1.8	24.1	16.3	1.9	24.5	16.7	1.9		
	66.2			24.6	15.7	1.8	24.9	16.2	1.8	25.3	16.6	1.9	25.7	17.1	1.9	26.1	17.6	1.9		
Low	895			64.4	48.2	14.2	5.8	1.3	14.5	5.9	1.3	14.7	6.1	1.4	14.9	6.3	1.4	15.1	6.5	1.4
					53.6	14.8	3.8	1.4	15.0	3.9	1.4	15.2	4.0	1.4	15.5	4.1	1.4	15.7	4.2	1.5
					59.0	17.8	3.9	1.5	18.1	4.0	1.5	18.4	4.1	1.6	18.6	4.2	1.6	18.9	4.3	1.6
		69.8	53.6	17.7	8.8	1.6	18.0	9.0	1.6	18.3	9.3	1.6	18.5	9.5	1.7	18.8	9.8	1.7		
			59.0	18.2	7.2	1.6	18.4	7.4	1.6	18.7	7.6	1.7	19.0	7.8	1.7	19.3	8.0	1.7		
			66.2	21.1	5.7	1.7	21.4	5.8	1.8	21.8	6.0	1.8	22.1	6.2	1.8	22.4	6.3	1.9		
		75.2	60.8	19.0	9.0	1.6	19.3	9.2	1.6	19.5	9.5	1.7	19.8	9.8	1.7	20.1	10.1	1.7		
			66.2	21.6	8.7	1.7	21.9	9.0	1.8	22.2	9.2	1.8	22.5	9.5	1.8	22.9	9.8	1.9		
			73.4	21.1	4.1	1.8	21.4	4.2	1.8	21.8	4.3	1.9	22.1	4.5	1.9	22.4	4.6	1.9		
		80.6	60.8	19.8	11.2	1.7	20.1	11.5	1.7	20.4	11.9	1.8	20.7	12.2	1.8	21.0	12.6	1.8		
			66.2	22.0	11.1	1.8	22.3	11.5	1.8	22.7	11.8	1.8	23.0	12.1	1.9	23.3	12.5	1.9		
			73.4	23.3	7.6	1.8	23.7	7.8	1.8	24.0	8.0	1.9	24.4	8.2	1.9	24.7	8.5	1.9		
		84.2	66.2	22.4	11.9	1.8	22.8	12.3	1.8	23.1	12.6	1.8	23.4	13.0	1.9	23.8	13.3	1.9		
			60.8	20.8	12.5	1.7	21.2	12.9	1.8	21.5	13.3	1.8	21.8	13.6	1.8	22.1	14.0	1.9		
			66.2	22.6	12.7	1.8	23.0	13.1	1.8	23.3	13.5	1.8	23.7	13.9	1.9	24.0	14.2	1.9		
		86.0	73.4	23.8	10.4	1.8	24.1	10.7	1.8	24.5	11.0	1.9	24.9	11.4	1.9	25.2	11.7	1.9		
			60.8	21.9	13.6	1.8	22.2	14.0	1.8	22.6	14.4	1.8	22.9	14.8	1.9	23.2	15.2	1.9		
			66.2	23.3	14.3	1.8	23.7	14.7	1.8	24.0	15.1	1.9	24.4	15.5	1.9	24.7	16.0	1.9		
		89.6	73.4	25.8	13.9	1.9	26.2	14.3	1.9	26.6	14.7	1.9	27.0	15.2	2.0	27.4	15.6	2.0		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																	
				41			50			59			64.4			69.8			77		
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
High	1177	64.4	48.2	16.5	8.0	1.5	16.7	8.2	1.5	16.9	8.5	1.5	17.4	8.8	1.6	18.6	10.0	1.7	21.6	12.3	1.8
			53.6	17.1	5.2	1.5	17.3	5.4	1.5	17.6	5.5	1.6	18.1	5.7	1.6	19.3	6.5	1.8	22.4	8.0	1.9
			59.0	20.6	5.4	1.7	20.9	5.5	1.7	21.2	5.7	1.7	21.8	5.9	1.8	23.2	6.7	1.9	27.0	8.3	2.1
		69.8	53.6	20.5	12.2	1.7	20.8	12.5	1.8	21.1	12.8	1.8	21.7	13.4	1.9	23.1	15.1	2.0	26.9	18.6	2.2
			59.0	21.0	10.0	1.8	21.3	10.2	1.8	21.6	10.5	1.8	22.2	10.9	1.9	23.7	12.4	2.1	27.5	15.2	2.2
			66.2	24.4	7.9	1.9	24.8	8.1	2.0	25.1	8.3	2.0	25.8	8.6	2.1	27.5	9.8	2.2	32.0	12.1	2.4
		75.2	60.8	21.9	12.5	1.8	22.2	12.8	1.8	22.6	13.2	1.8	23.2	13.7	1.9	24.7	15.5	2.1	28.7	19.1	2.2
			66.2	24.9	12.1	1.9	25.3	12.5	2.0	25.6	12.8	2.0	26.3	13.3	2.1	28.1	15.1	2.3	32.7	18.6	2.4
			73.4	24.4	5.7	2.0	24.8	5.9	2.1	25.1	6.0	2.1	25.8	6.3	2.2	27.5	7.1	2.4	32.0	8.7	2.5
		80.6	60.8	22.9	15.6	1.9	23.2	16.0	1.9	23.5	16.5	2.0	24.2	17.1	2.1	25.8	19.4	2.2	30.0	23.9	2.4
			66.2	25.4	15.5	2.0	25.8	15.9	2.0	26.2	16.3	2.0	26.9	17.0	2.1	28.7	19.2	2.3	33.3	23.7	2.5
			73.4	27.0	10.5	2.0	27.3	10.8	2.0	27.7	11.1	2.1	28.5	11.5	2.2	30.4	13.1	2.3	35.3	16.1	2.5
		84.2	66.2	25.9	16.6	2.0	26.3	17.0	2.0	26.7	17.5	2.0	27.4	18.2	2.1	29.2	20.6	2.3	34.0	25.4	2.5
			60.8	24.1	17.4	1.9	24.4	17.9	2.0	24.8	18.4	2.0	25.5	19.1	2.1	27.2	21.7	2.2	31.6	26.7	2.4
			66.2	26.2	17.7	2.0	26.6	18.2	2.0	26.9	18.7	2.0	27.7	19.4	2.1	29.5	22.0	2.3	34.3	27.1	2.5
		86.0	73.4	27.5	14.5	2.0	27.9	14.9	2.1	28.3	15.3	2.1	29.1	15.9	2.2	31.0	18.0	2.4	36.0	22.2	2.5
			60.8	25.3	18.8	2.0	25.7	19.4	2.0	26.1	19.9	2.0	26.8	20.7	2.1	28.6	23.4	2.3	33.2	28.8	2.5
			66.2	27.0	19.8	2.0	27.3	20.4	2.0	27.7	20.9	2.1	28.5	21.8	2.2	30.4	24.7	2.3	35.3	30.4	2.5
89.6	73.4	27.8	18.0	2.0	28.2	18.5	2.1	28.6	19.0	2.1	29.3	19.7	2.2	31.3	22.4	2.4	36.4	27.5	2.5		
	48.2	16.2	7.3	1.4	16.4	7.5	1.5	16.6	7.7	1.5	17.1	8.0	1.6	18.2	9.1	1.7	21.2	11.2	1.8		
	53.6	16.8	4.8	1.5	17.0	4.9	1.5	17.2	5.0	1.6	17.7	5.2	1.6	18.9	5.9	1.8	22.0	7.3	1.9		
Medium	959	64.4	59.0	20.2	4.9	1.7	20.5	5.0	1.7	20.8	5.2	1.7	21.3	5.4	1.8	22.8	6.1	1.9	26.4	7.5	2.1
			53.6	20.1	11.1	1.7	20.4	11.4	1.8	20.7	11.7	1.8	21.2	12.2	1.9	22.6	13.8	2.0	26.3	17.0	2.2
			59.0	20.6	9.1	1.8	20.9	9.3	1.8	21.2	9.6	1.8	21.7	10.0	1.9	23.2	11.3	2.1	27.0	13.9	2.2
		69.8	66.2	23.9	7.2	1.9	24.3	7.4	1.9	24.6	7.6	2.0	25.3	7.9	2.1	27.0	8.9	2.2	31.3	11.0	2.4
			60.8	21.5	11.4	1.8	21.8	11.7	1.8	22.1	12.0	1.8	22.7	12.5	1.9	24.2	14.2	2.1	28.2	17.4	2.2
			66.2	24.4	11.1	1.9	24.8	11.4	2.0	25.1	11.7	2.0	25.8	12.1	2.1	27.5	13.8	2.2	32.0	16.9	2.4
		75.2	73.4	23.9	5.2	2.0	24.3	5.3	2.0	24.6	5.5	2.1	25.3	5.7	2.2	27.0	6.5	2.3	31.4	8.0	2.5
			60.8	22.4	14.2	1.9	22.8	14.6	1.9	23.1	15.0	1.9	23.7	15.6	2.0	25.3	17.7	2.2	29.4	21.8	2.4
			66.2	24.9	14.1	1.9	25.3	14.5	2.0	25.6	14.9	2.0	26.3	15.5	2.1	28.1	17.5	2.3	32.7	21.6	2.4
		80.6	73.4	26.4	9.6	2.0	26.8	9.8	2.0	27.2	10.1	2.0	27.9	10.5	2.1	29.8	11.9	2.3	34.6	14.6	2.5
			66.2	25.4	15.1	2.0	25.8	15.5	2.0	26.1	15.9	2.0	26.9	16.6	2.1	28.6	18.8	2.3	33.3	23.1	2.5
			60.8	23.6	15.9	1.9	24.0	16.3	1.9	24.3	16.7	2.0	25.0	17.4	2.1	26.6	19.7	2.2	30.9	24.3	2.4
		86.0	66.2	25.7	16.1	2.0	26.0	16.6	2.0	26.4	17.0	2.0	27.1	17.7	2.1	28.9	20.1	2.3	33.6	24.7	2.5
			73.4	27.0	13.2	2.0	27.3	13.6	2.0	27.7	13.9	2.1	28.5	14.5	2.2	30.4	16.4	2.3	35.3	20.2	2.5
			60.8	24.8	17.2	1.9	25.2	17.6	2.0	25.5	18.1	2.0	26.2	18.8	2.1	28.0	21.4	2.3	32.5	26.3	2.4
		89.6	66.2	26.4	18.1	2.0	26.8	18.6	2.0	27.2	19.1	2.0	27.9	19.9	2.1	29.8	22.5	2.3	34.6	27.7	2.5
			73.4	27.8	16.7	2.0	28.2	17.2	2.1	28.6	17.6	2.1	29.3	18.4	2.2	31.3	20.8	2.4	36.4	25.6	2.5
			48.2	15.3	6.6	1.4	15.5	6.8	1.4	15.8	7.0	1.5	16.2	7.3	1.5	17.3	8.3	1.7	20.1	10.2	1.8
Low	895	64.4	53.6	15.9	4.3	1.5	16.1	4.4	1.5	16.4	4.6	1.5	16.8	4.8	1.6	17.9	5.4	1.7	20.8	6.6	1.9
			59.0	19.2	4.5	1.6	19.4	4.6	1.7	19.7	4.7	1.7	20.2	4.9	1.8	21.6	5.5	1.9	25.1	6.8	2.0
			53.6	19.1	10.1	1.7	19.3	10.3	1.7	19.6	10.6	1.8	20.2	11.1	1.9	21.5	12.5	2.0	25.0	15.4	2.1
		69.8	59.0	19.5	8.2	1.8	19.8	8.5	1.8	20.1	8.7	1.8	20.6	9.0	1.9	22.0	10.2	2.0	25.6	12.6	2.2
			66.2	22.7	6.5	1.9	23.0	6.7	1.9	23.3	6.9	1.9	24.0	7.2	2.0	25.6	8.1	2.2	29.7	10.0	2.4
			60.8	20.4	10.3	1.8	20.7	10.6	1.8	21.0	10.9	1.8	21.6	11.3	1.9	23.0	12.9	2.0	26.7	15.8	2.2
		75.2	66.2	23.2	10.0	1.9	23.5	10.3	1.9	23.8	10.6	2.0	24.5	11.0	2.1	26.1	12.5	2.2	30.4	15.4	2.4
			73.4	22.7	4.7	2.0	23.0	4.9	2.0	23.4	5.0	2.0	24.0	5.2	2.1	25.6	5.9	2.3	29.8	7.2	2.5
			60.8	21.3	12.9	1.9	21.6	13.3	1.9	21.9	13.6	1.9	22.5	14.2	2.0	24.0	16.1	2.2	27.9	19.8	2.3
		80.6	66.2	23.7	12.8	1.9	24.0	13.2	2.0	24.3	13.5	2.0	25.0	14.1	2.1	26.7	15.9	2.2	31.0	19.6	2.4
			73.4	25.1	8.7	2.0	25.4	8.9	2.0	25.8	9.2	2.0	26.5	9.5	2.1	28.3	10.8	2.3	32.8	13.3	2.5
			66.2	24.1	13.7	1.9	24.5	14.1	2.0	24.8	14.5	2.0	25.5	15.1	2.1	27.2	17.1	2.3	31.6	21.0	2.4
		86.0	60.8	22.4	14.4	1.9	22.7	14.8	1.9	23.0	15.2	1.9	23.7	15.8	2.0	25.3	17.9	2.2	29.4	22.1	2.4
			66.2	24.4	14.6	1.9	24.7	15.0	2.0	25.1	15.4	2.0	25.7	16.1	2.1	27.5	18.2	2.3	31.9	22.4	2.4
			73.4	25.6	12.0	2.0	25.9	12.3	2.0	26.3	12.7	2.0	27.0	13.2	2.1	28.8	14.9	2.3	33.5	18.4	2.5
		89.6	60.8	23.6	15.6	1.9	23.9	16.0	2.0	24.2	16.5	2.0	24.9	17.1	2.1	26.6	19.4	2.2	30.9	23.9	2.4
			66.2	25.1	16.4	2.0	25.4	16.9	2.0	25.8	17.3	2.0	26.5	18.0	2.1	28.3	20.4	2.3	32.8	25.1	2.5
			73.4	27.8	16.0	2.0	28.2	16.4	2.1	28.6	16.9	2.1	29.3	17.6	2.2	31.3	19.9	2.4	36.4	24.5	2.5

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																			
				86			95			102.2			109.4			114.8			118.4				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1177	64.4	48.2	22.5	13.5	2.1	23.2	14.7	2.4	22.8	14.5	2.6	18.6	12.1	2.2	17.4	11.6	2.1	16.3	11.0	2.1		
			53.6	23.4	8.8	2.1	24.1	9.6	2.5	23.6	9.5	2.8	19.3	7.9	2.3	18.1	7.5	2.1	16.9	7.2	2.2		
			59.0	28.1	9.1	2.4	29.0	9.9	2.8	28.4	9.8	3.0	23.2	8.1	2.5	21.8	7.8	2.4	20.3	7.4	2.4		
		69.8	53.6	28.0	20.5	2.5	28.9	22.3	2.9	28.3	22.0	3.2	23.1	18.3	2.6	21.7	17.5	2.5	20.2	16.7	2.5		
			59.0	28.7	16.8	2.5	29.6	18.2	3.0	29.0	18.0	3.2	23.7	15.0	2.7	22.2	14.3	2.5	20.7	13.6	2.6		
			66.2	33.4	13.3	2.7	34.4	14.4	3.2	33.7	14.3	3.5	27.5	11.9	2.9	25.8	11.3	2.7	24.1	10.8	2.8		
		75.2	60.8	30.0	21.1	2.5	30.9	22.8	3.0	30.3	22.6	3.2	24.7	18.8	2.7	23.2	18.0	2.5	21.6	17.1	2.6		
			66.2	34.1	20.4	2.8	35.1	22.2	3.2	34.4	22.0	3.5	28.1	18.3	2.9	26.3	17.5	2.8	24.6	16.6	2.8		
			73.4	33.4	9.6	2.9	34.4	10.4	3.4	33.7	10.3	3.7	27.5	8.6	3.0	25.8	8.2	2.9	24.1	7.8	2.9		
		80.6	60.8	31.3	26.3	2.7	32.2	28.5	3.2	31.6	28.2	3.5	25.8	23.5	2.9	24.2	22.5	2.7	22.6	21.4	2.8		
			66.2	34.8	26.1	2.8	35.8	28.3	3.3	35.1	28.0	3.6	28.7	23.3	2.9	26.9	22.3	2.8	25.1	21.2	2.8		
			73.4	36.8	17.7	2.8	38.0	19.2	3.3	37.2	19.0	3.6	30.4	15.8	3.0	28.5	15.1	2.8	26.6	14.4	2.9		
		84.2	66.2	35.4	27.9	2.8	36.5	30.3	3.3	35.8	30.0	3.6	29.2	25.0	3.0	27.4	23.9	2.8	25.6	22.7	2.9		
			60.8	32.9	29.4	2.7	33.9	31.9	3.2	33.3	31.5	3.5	27.2	26.2	2.9	25.5	25.1	2.7	23.8	23.9	2.8		
			66.2	35.8	29.8	2.8	36.9	32.4	3.3	36.2	32.0	3.6	29.5	26.7	3.0	27.7	25.5	2.8	25.8	24.2	2.9		
		86.0	73.4	37.6	24.4	2.9	38.7	26.5	3.4	38.0	26.2	3.7	31.0	21.8	3.0	29.1	20.9	2.9	27.1	19.8	2.9		
			60.8	34.6	31.8	2.8	35.7	34.5	3.3	35.0	34.1	3.6	28.6	28.4	2.9	26.8	27.1	2.8	25.0	25.8	2.8		
			66.2	36.8	33.5	2.8	38.0	36.3	3.3	37.2	35.9	3.6	30.4	29.9	3.0	28.5	28.6	2.8	26.6	27.2	2.9		
		89.6	73.4	37.9	30.3	2.9	39.1	32.9	3.4	38.3	32.6	3.7	31.3	27.1	3.0	29.3	25.9	2.9	27.4	24.6	2.9		
			60.8	34.6	31.8	2.8	35.7	34.5	3.3	35.0	34.1	3.6	28.6	28.4	2.9	26.8	27.1	2.8	25.0	25.8	2.8		
			66.2	36.8	33.5	2.8	38.0	36.3	3.3	37.2	35.9	3.6	30.4	29.9	3.0	28.5	28.6	2.8	26.6	27.2	2.9		
		Medium	959	64.4	48.2	22.1	12.3	2.0	22.8	13.4	2.4	22.3	13.2	2.6	18.2	11.0	2.2	17.1	10.5	2.0	15.9	10.0	2.1
					53.6	22.9	8.0	2.1	23.6	8.7	2.5	23.1	8.6	2.7	18.9	7.2	2.3	17.7	6.9	2.1	16.5	6.5	2.2
					59.0	27.6	8.3	2.3	28.4	9.0	2.8	27.9	8.9	3.0	22.8	7.4	2.5	21.3	7.1	2.3	19.9	6.7	2.4
69.8	53.6			27.5	18.7	2.5	28.3	20.3	2.9	27.7	20.1	3.1	22.6	16.7	2.6	21.2	16.0	2.5	19.8	15.2	2.5		
	59.0			28.1	15.3	2.5	29.0	16.6	3.0	28.4	16.4	3.2	23.2	13.7	2.7	21.7	13.1	2.5	20.3	12.4	2.6		
	66.2			32.7	12.1	2.7	33.7	13.1	3.2	33.0	13.0	3.5	27.0	10.8	2.9	25.3	10.3	2.7	23.6	9.8	2.8		
75.2	60.8			29.4	19.2	2.5	30.3	20.8	2.9	29.7	20.6	3.2	24.2	17.2	2.7	22.7	16.4	2.5	21.2	15.6	2.6		
	66.2			33.4	18.6	2.7	34.4	20.2	3.2	33.7	20.0	3.5	27.5	16.7	2.9	25.8	15.9	2.7	24.1	15.1	2.8		
	73.4			32.7	8.8	2.8	33.7	9.5	3.3	33.0	9.4	3.6	27.0	7.8	3.0	25.3	7.5	2.8	23.6	7.1	2.9		
80.6	60.8			30.7	24.0	2.7	31.6	26.0	3.1	31.0	25.7	3.4	25.3	21.4	2.8	23.7	20.5	2.7	22.1	19.5	2.7		
	66.2			34.1	23.8	2.8	35.1	25.8	3.2	34.4	25.5	3.5	28.1	21.3	2.9	26.3	20.3	2.8	24.6	19.3	2.8		
	73.4			36.1	16.1	2.8	37.2	17.5	3.3	36.5	17.3	3.6	29.8	14.4	3.0	27.9	13.8	2.8	26.1	13.1	2.9		
84.2	66.2			34.7	25.5	2.8	35.8	27.6	3.3	35.1	27.3	3.6	28.6	22.8	2.9	26.9	21.8	2.8	25.1	20.7	2.8		
	60.8			32.3	26.8	2.7	33.3	29.0	3.2	32.6	28.7	3.5	26.6	23.9	2.9	25.0	22.9	2.7	23.3	21.7	2.8		
	66.2			35.1	27.2	2.8	36.2	29.5	3.3	35.4	29.2	3.6	28.9	24.3	2.9	27.1	23.2	2.8	25.3	22.1	2.8		
86.0	73.4			36.8	22.3	2.8	38.0	24.2	3.3	37.2	23.9	3.6	30.4	19.9	3.0	28.5	19.0	2.8	26.6	18.1	2.9		
	60.8			33.9	28.9	2.8	35.0	31.4	3.2	34.3	31.1	3.5	28.0	25.9	2.9	26.2	24.7	2.8	24.5	23.5	2.8		
	66.2			36.1	30.5	2.8	37.2	33.1	3.3	36.5	32.7	3.6	29.8	27.3	3.0	27.9	26.1	2.8	26.1	24.8	2.9		
89.6	73.4			37.9	28.2	2.9	39.1	30.6	3.4	38.3	30.3	3.7	31.3	25.2	3.0	29.3	24.1	2.9	27.4	22.9	2.9		
	60.8			34.6	31.8	2.8	35.7	34.5	3.3	35.0	34.1	3.6	28.6	28.4	2.9	26.8	27.1	2.8	25.0	25.8	2.8		
	66.2			36.8	33.5	2.8	38.0	36.3	3.3	37.2	35.9	3.6	30.4	29.9	3.0	28.5	28.6	2.8	26.6	27.2	2.9		
Low	895			64.4	48.2	20.9	11.2	2.0	21.6	12.1	2.4	21.2	12.0	2.6	17.3	10.0	2.1	16.2	9.6	2.0	15.1	9.1	2.1
					53.6	21.7	7.3	2.1	22.4	7.9	2.5	22.0	7.8	2.7	17.9	6.5	2.2	16.8	6.2	2.1	15.7	5.9	2.2
					59.0	26.2	7.5	2.3	27.0	8.2	2.7	26.4	8.1	3.0	21.6	6.7	2.5	20.2	6.4	2.3	18.9	6.1	2.4
		69.8	53.6	26.1	17.0	2.4	26.9	18.4	2.9	26.3	18.2	3.1	21.5	15.2	2.6	20.2	14.5	2.4	18.8	13.8	2.5		
			59.0	26.7	13.9	2.5	27.5	15.1	2.9	27.0	14.9	3.2	22.0	12.4	2.6	20.6	11.9	2.5	19.3	11.3	2.5		
			66.2	31.0	11.0	2.7	32.0	11.9	3.1	31.3	11.8	3.4	25.6	9.8	2.8	24.0	9.4	2.7	22.4	8.9	2.7		
		75.2	60.8	27.9	17.4	2.5	28.7	18.9	2.9	28.2	18.7	3.2	23.0	15.6	2.6	21.6	14.9	2.5	20.1	14.2	2.5		
			66.2	31.7	16.9	2.7	32.7	18.4	3.2	32.0	18.2	3.5	26.1	15.1	2.9	24.5	14.5	2.7	22.9	13.8	2.8		
			73.4	31.0	8.0	2.8	32.0	8.6	3.3	31.4	8.6	3.6	25.6	7.1	3.0	24.0	6.8	2.8	22.4	6.5	2.9		
		80.6	60.8	29.1	21.8	2.6	30.0	23.6	3.1	29.4	23.4	3.4	24.0	19.5	2.8	22.5	18.6	2.6	21.0	17.7	2.7		
			66.2	32.3	21.6	2.7	33.3	23.4	3.2	32.7	23.2	3.5	26.7	19.3	2.9	25.0	18.4	2.7	23.3	17.5	2.8		
			73.4	34.3	14.6	2.8	35.3	15.9	3.3	34.6	15.7	3.6	28.3	13.1	2.9	26.5	12.5	2.8	24.7	11.9	2.8		
		84.2	66.2	33.0	23.1	2.8	34.0	25.1	3.2	33.3	24.8	3.5	27.2	20.7	2.9	25.5	19.8	2.8	23.8	18.8	2.8		
			60.8	30.6	24.3	2.7	31.6	26.4	3.1	30.9	26.1	3.4	25.3	21.7	2.8	23.7	20.8	2.7	22.1	19.7	2.7		
			66.2	33.3	24.7	2.8	34.3	26.8	3.2	33.6	26.5	3.5	27.5	22.1	2.9	25.7	21.1	2.8	24.0	20.1	2.8		
		86.0	73.4	35.0	20.2	2.8	36.0	21.9	3.3	35.3	21.7	3.6	28.8	18.1	3.0	27.0	17.3	2.8	25.2	16.4	2.9		
			60.8	32.2	26.3	2.7	33.2	28.5	3.2	32.5	28.2	3.5	26.6	23.5	2.9	24.9	22.5	2.7	23.2	21.4	2.8		
			66.2	34.3	27.7	2.8	35.3	30.0	3.3	34.6	29.7	3.6	28.3	24.8	2.9	26.5	23.7	2.8	24.7	22.5	2.8		
		89.6	73.4	37.9	27.0	2.9	39.1	29.3	3.4	38.3	29.0	3.7	31.3	24.1	3.0	29.3	23.1	2.9	27.4	21.9	2.9		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD42NK3C1O/GUHD42NM3C1O Indoor Unit:GTH42K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																
				5			14			19.4			23			32				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1177	64.4	48.2	16.8	7.6	1.5	17.0	7.9	1.5	17.3	8.1	1.5	17.5	8.3	1.5	17.8	8.5	1.6		
			53.6	17.4	5.0	1.5	17.7	5.1	1.6	17.9	5.3	1.6	18.2	5.4	1.6	18.5	5.6	1.6		
			59.0	21.0	5.1	1.7	21.3	5.3	1.7	21.6	5.4	1.7	21.9	5.6	1.8	22.2	5.7	1.8		
		69.8	53.6	20.9	11.6	1.8	21.2	11.9	1.8	21.5	12.3	1.8	21.8	12.6	1.9	22.1	13.0	1.9		
			59.0	21.4	9.5	1.8	21.7	9.8	1.8	22.0	10.0	1.9	22.4	10.3	1.9	22.7	10.6	1.9		
			66.2	24.9	7.5	1.9	25.2	7.7	2.0	25.6	7.9	2.0	26.0	8.2	2.0	26.4	8.4	2.1		
		75.2	60.8	22.3	11.9	1.8	22.7	12.2	1.8	23.0	12.6	1.9	23.3	12.9	1.9	23.7	13.3	1.9		
			66.2	25.4	11.5	1.9	25.8	11.9	2.0	26.1	12.2	2.0	26.5	12.6	2.1	26.9	12.9	2.1		
			73.4	24.9	5.4	2.0	25.2	5.6	2.1	25.6	5.8	2.1	26.0	5.9	2.1	26.4	6.1	2.2		
		80.6	60.8	23.3	14.8	1.9	23.7	15.3	1.9	24.0	15.7	2.0	24.4	16.2	2.0	24.7	16.6	2.0		
			66.2	25.9	14.7	2.0	26.3	15.2	2.0	26.7	15.6	2.0	27.1	16.0	2.1	27.5	16.5	2.1		
			73.4	27.5	10.0	2.0	27.9	10.3	2.0	28.3	10.6	2.1	28.7	10.9	2.1	29.1	11.2	2.2		
		84.2	66.2	26.4	15.8	2.0	26.8	16.2	2.0	27.2	16.7	2.1	27.6	17.2	2.1	28.0	17.7	2.1		
			60.8	24.5	16.6	1.9	24.9	17.1	2.0	25.3	17.6	2.0	25.7	18.1	2.0	26.0	18.6	2.1		
			66.2	26.7	16.8	2.0	27.1	17.3	2.0	27.5	17.8	2.1	27.9	18.3	2.1	28.3	18.9	2.1		
		86.0	60.8	25.8	17.9	2.0	26.2	18.5	2.0	26.6	19.0	2.0	27.0	19.5	2.1	27.4	20.1	2.1		
			66.2	27.5	18.9	2.0	27.9	19.4	2.0	28.3	20.0	2.1	28.7	20.6	2.1	29.1	21.2	2.2		
			73.4	28.3	17.1	2.0	28.7	17.6	2.1	29.1	18.1	2.1	29.6	18.6	2.1	30.0	19.2	2.2		
		Medium	959	64.4	48.2	16.4	7.0	1.4	16.7	7.2	1.5	16.9	7.4	1.5	17.2	7.6	1.5	17.4	7.8	1.5
					53.6	17.1	4.5	1.5	17.3	4.7	1.5	17.6	4.8	1.6	17.8	4.9	1.6	18.1	5.1	1.6
					59.0	20.6	4.7	1.7	20.9	4.8	1.7	21.2	5.0	1.7	21.5	5.1	1.7	21.8	5.2	1.8
				69.8	53.6	20.5	10.6	1.7	20.8	10.9	1.8	21.1	11.2	1.8	21.4	11.5	1.8	21.7	11.8	1.9
					59.0	21.0	8.6	1.8	21.3	8.9	1.8	21.6	9.1	1.8	21.9	9.4	1.9	22.2	9.7	1.9
					66.2	24.4	6.8	1.9	24.7	7.0	1.9	25.1	7.2	2.0	25.5	7.4	2.0	25.8	7.6	2.0
75.2	60.8			21.9	10.8	1.8	22.2	11.2	1.8	22.6	11.5	1.8	22.9	11.8	1.9	23.2	12.1	1.9		
	66.2			24.9	10.5	1.9	25.2	10.8	2.0	25.6	11.1	2.0	26.0	11.5	2.0	26.4	11.8	2.1		
	73.4			24.4	5.0	2.0	24.7	5.1	2.0	25.1	5.2	2.1	25.5	5.4	2.1	25.9	5.5	2.2		
80.6	60.8			22.8	13.5	1.9	23.2	13.9	1.9	23.5	14.3	2.0	23.9	14.7	2.0	24.2	15.2	2.0		
	66.2			25.4	13.4	1.9	25.8	13.8	2.0	26.1	14.2	2.0	26.5	14.6	2.1	26.9	15.0	2.1		
	73.4			26.9	9.1	2.0	27.3	9.4	2.0	27.7	9.6	2.1	28.1	9.9	2.1	28.5	10.2	2.1		
84.2	66.2			25.9	14.4	2.0	26.3	14.8	2.0	26.7	15.2	2.0	27.1	15.7	2.1	27.5	16.1	2.1		
	60.8			24.0	15.1	1.9	24.4	15.6	1.9	24.8	16.0	2.0	25.1	16.5	2.0	25.5	16.9	2.0		
	66.2			26.1	15.3	2.0	26.5	15.8	2.0	26.9	16.3	2.0	27.3	16.7	2.1	27.7	17.2	2.1		
86.0	60.8			27.4	12.6	2.0	27.9	12.9	2.0	28.3	13.3	2.1	28.7	13.7	2.1	29.1	14.1	2.2		
	66.2			25.3	16.3	1.9	25.7	16.8	2.0	26.1	17.3	2.0	26.4	17.8	2.1	26.8	18.3	2.1		
	66.2			26.9	17.2	2.0	27.3	17.7	2.0	27.7	18.2	2.1	28.1	18.8	2.1	28.5	19.3	2.1		
89.6	60.8			28.3	15.9	2.0	28.7	16.4	2.1	29.1	16.9	2.1	29.6	17.3	2.1	30.0	17.8	2.2		
	66.2			28.3	15.9	2.0	28.7	16.4	2.1	29.1	16.9	2.1	29.6	17.3	2.1	30.0	17.8	2.2		
	73.4			28.3	15.9	2.0	28.7	16.4	2.1	29.1	16.9	2.1	29.6	17.3	2.1	30.0	17.8	2.2		
Low	895			64.4	48.2	15.6	6.3	1.4	15.8	6.5	1.5	16.1	6.7	1.5	16.3	6.9	1.5	16.6	7.1	1.5
					53.6	16.2	4.1	1.5	16.4	4.2	1.5	16.7	4.4	1.5	16.9	4.5	1.6	17.2	4.6	1.6
					59.0	19.5	4.2	1.6	19.8	4.4	1.7	20.1	4.5	1.7	20.4	4.6	1.7	20.7	4.8	1.8
		69.8	53.6	19.4	9.6	1.7	19.7	9.9	1.8	20.0	10.2	1.8	20.3	10.4	1.8	20.6	10.7	1.8		
			59.0	19.9	7.8	1.8	20.2	8.1	1.8	20.5	8.3	1.8	20.8	8.5	1.9	21.1	8.8	1.9		
			66.2	23.1	6.2	1.9	23.5	6.4	1.9	23.8	6.6	2.0	24.2	6.8	2.0	24.5	6.9	2.0		
		75.2	60.8	20.8	9.8	1.8	21.1	10.1	1.8	21.4	10.4	1.8	21.7	10.7	1.9	22.0	11.0	1.9		
			66.2	23.6	9.6	1.9	24.0	9.8	1.9	24.3	10.1	2.0	24.7	10.4	2.0	25.0	10.7	2.0		
			73.4	23.1	4.5	2.0	23.5	4.6	2.0	23.8	4.8	2.1	24.2	4.9	2.1	24.5	5.0	2.1		
		80.6	60.8	21.7	12.3	1.9	22.0	12.6	1.9	22.3	13.0	1.9	22.7	13.4	2.0	23.0	13.8	2.0		
			66.2	24.1	12.2	1.9	24.4	12.5	2.0	24.8	12.9	2.0	25.2	13.3	2.0	25.5	13.6	2.1		
			73.4	25.5	8.3	2.0	25.9	8.5	2.0	26.3	8.8	2.0	26.7	9.0	2.1	27.1	9.3	2.1		
		84.2	66.2	24.6	13.1	1.9	24.9	13.4	2.0	25.3	13.8	2.0	25.7	14.2	2.1	26.1	14.6	2.1		
			60.8	22.8	13.7	1.9	23.2	14.1	1.9	23.5	14.5	2.0	23.9	14.9	2.0	24.2	15.4	2.0		
			66.2	24.8	13.9	1.9	25.2	14.3	2.0	25.6	14.8	2.0	25.9	15.2	2.1	26.3	15.6	2.1		
		86.0	60.8	26.0	11.4	2.0	26.4	11.8	2.0	26.8	12.1	2.1	27.2	12.4	2.1	27.6	12.8	2.1		
			66.2	24.0	14.8	1.9	24.4	15.3	2.0	24.7	15.7	2.0	25.1	16.2	2.0	25.5	16.6	2.1		
			66.2	25.5	15.6	2.0	25.9	16.1	2.0	26.3	16.6	2.0	26.7	17.0	2.1	27.1	17.5	2.1		
		89.6	60.8	28.3	15.2	2.0	28.7	15.7	2.1	29.1	16.1	2.1	29.6	16.6	2.1	30.0	17.1	2.2		
			66.2	28.3	15.2	2.0	28.7	15.7	2.1	29.1	16.1	2.1	29.6	16.6	2.1	30.0	17.1	2.2		
			73.4	28.3	15.2	2.0	28.7	15.7	2.1	29.1	16.1	2.1	29.6	16.6	2.1	30.0	17.1	2.2		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																			
				41			50			59			64.4			69.8			77				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1177	64.4	48.2	18.1	8.8	1.6	18.3	9.0	1.6	18.6	9.3	1.6	19.1	9.6	1.7	20.3	10.9	1.9	23.6	13.4	2.0		
			53.6	18.7	5.7	1.7	19.0	5.9	1.7	19.3	6.0	1.7	19.8	6.3	1.8	21.1	7.1	1.9	24.5	8.8	2.1		
			59.0	22.6	5.9	1.8	22.9	6.1	1.9	23.2	6.2	1.9	23.8	6.5	2.0	25.4	7.3	2.1	29.6	9.0	2.3		
		69.8	53.6	22.5	13.3	1.9	22.8	13.7	1.9	23.1	14.1	2.0	23.7	14.6	2.1	25.3	16.6	2.2	29.4	20.4	2.4		
			59.0	23.0	10.9	2.0	23.3	11.2	2.0	23.6	11.5	2.0	24.3	12.0	2.1	25.9	13.6	2.3	30.1	16.7	2.4		
			66.2	26.7	8.6	2.1	27.1	8.9	2.1	27.5	9.1	2.2	28.3	9.5	2.3	30.1	10.7	2.5	35.0	13.2	2.6		
		75.2	60.8	24.0	13.7	2.0	24.4	14.1	2.0	24.7	14.4	2.0	25.4	15.0	2.1	27.1	17.0	2.3	31.5	20.9	2.4		
			66.2	27.3	13.3	2.1	27.7	13.6	2.2	28.1	14.0	2.2	28.8	14.6	2.3	30.8	16.5	2.5	35.8	20.3	2.7		
			73.4	26.8	6.2	2.2	27.1	6.4	2.2	27.5	6.6	2.3	28.3	6.9	2.4	30.1	7.8	2.6	35.0	9.6	2.8		
		80.6	60.8	25.1	17.1	2.1	25.4	17.5	2.1	25.8	18.0	2.2	26.5	18.7	2.3	28.3	21.2	2.4	32.8	26.2	2.6		
			66.2	27.9	16.9	2.1	28.3	17.4	2.2	28.6	17.9	2.2	29.4	18.6	2.3	31.4	21.1	2.5	36.5	25.9	2.7		
			73.4	29.5	11.5	2.2	29.9	11.8	2.2	30.4	12.1	2.3	31.2	12.6	2.4	33.3	14.3	2.6	38.7	17.6	2.7		
		84.2	66.2	28.4	18.1	2.2	28.8	18.6	2.2	29.2	19.1	2.2	30.0	19.9	2.4	32.0	22.6	2.5	37.2	27.8	2.7		
			60.8	26.4	19.1	2.1	26.8	19.6	2.1	27.1	20.1	2.2	27.9	20.9	2.3	29.7	23.7	2.5	34.6	29.2	2.6		
			66.2	28.7	19.4	2.2	29.1	19.9	2.2	29.5	20.4	2.2	30.3	21.3	2.4	32.3	24.1	2.5	37.6	29.7	2.7		
		86.0	73.4	30.1	15.9	2.2	30.6	16.3	2.2	31.0	16.7	2.3	31.8	17.4	2.4	33.9	19.7	2.6	39.5	24.3	2.8		
			60.8	27.8	20.6	2.1	28.1	21.2	2.2	28.5	21.8	2.2	29.3	22.6	2.3	31.3	25.7	2.5	36.4	31.6	2.7		
			66.2	29.5	21.7	2.2	29.9	22.3	2.2	30.4	22.9	2.3	31.2	23.9	2.4	33.3	27.0	2.6	38.7	33.3	2.7		
		89.6	73.4	30.4	19.7	2.2	30.8	20.2	2.2	31.3	20.8	2.3	32.1	21.6	2.4	34.3	24.5	2.6	39.8	30.2	2.8		
			48.2	17.7	8.0	1.6	17.9	8.2	1.6	18.2	8.4	1.6	18.7	8.8	1.7	19.9	10.0	1.8	23.2	12.3	2.0		
			53.6	18.4	5.2	1.6	18.6	5.4	1.7	18.9	5.5	1.7	19.4	5.7	1.8	20.7	6.5	1.9	24.0	8.0	2.1		
		Medium	959	64.4	59.0	22.1	5.4	1.8	22.4	5.5	1.8	22.7	5.7	1.9	23.4	5.9	2.0	24.9	6.7	2.1	29.0	8.2	2.3
					53.6	22.0	12.1	1.9	22.3	12.5	1.9	22.6	12.8	2.0	23.3	13.3	2.1	24.8	15.1	2.2	28.8	18.6	2.4
					59.0	22.5	9.9	1.9	22.9	10.2	2.0	23.2	10.5	2.0	23.8	10.9	2.1	25.4	12.4	2.3	29.5	15.2	2.4
69.8	66.2			26.2	7.9	2.1	26.6	8.1	2.1	26.9	8.3	2.2	27.7	8.6	2.3	29.5	9.8	2.4	34.3	12.0	2.6		
	60.8			23.5	12.5	1.9	23.9	12.8	2.0	24.2	13.2	2.0	24.9	13.7	2.1	26.5	15.5	2.3	30.8	19.1	2.4		
	66.2			26.8	12.1	2.1	27.1	12.4	2.1	27.5	12.8	2.2	28.3	13.3	2.3	30.1	15.1	2.5	35.0	18.5	2.6		
75.2	73.4			26.2	5.7	2.2	26.6	5.9	2.2	27.0	6.0	2.3	27.7	6.3	2.4	29.5	7.1	2.6	34.3	8.7	2.7		
	60.8			24.6	15.6	2.1	24.9	16.0	2.1	25.3	16.4	2.1	26.0	17.1	2.2	27.7	19.4	2.4	32.2	23.8	2.6		
	66.2			27.3	15.4	2.1	27.7	15.9	2.2	28.1	16.3	2.2	28.8	17.0	2.3	30.8	19.2	2.5	35.8	23.6	2.7		
80.6	73.4			28.9	10.5	2.2	29.3	10.8	2.2	29.8	11.1	2.2	30.6	11.5	2.3	32.6	13.0	2.5	37.9	16.0	2.7		
	66.2			27.8	16.5	2.1	28.2	17.0	2.2	28.6	17.4	2.2	29.4	18.2	2.3	31.4	20.6	2.5	36.5	25.3	2.7		
	60.8			25.9	17.4	2.1	26.2	17.9	2.1	26.6	18.3	2.2	27.3	19.1	2.3	29.2	21.6	2.4	33.9	26.6	2.6		
86.0	66.2			28.1	17.7	2.1	28.5	18.1	2.2	28.9	18.6	2.2	29.7	19.4	2.3	31.7	22.0	2.5	36.8	27.0	2.7		
	73.4			29.5	14.5	2.2	29.9	14.9	2.2	30.4	15.3	2.3	31.2	15.9	2.4	33.3	18.0	2.6	38.7	22.1	2.7		
	60.8			27.2	18.8	2.1	27.6	19.3	2.2	28.0	19.8	2.2	28.7	20.6	2.3	30.7	23.4	2.5	35.6	28.8	2.7		
89.6	66.2			28.9	19.8	2.2	29.3	20.3	2.2	29.8	20.9	2.2	30.6	21.7	2.3	32.6	24.6	2.5	37.9	30.3	2.7		
	73.4			30.4	18.3	2.2	30.8	18.8	2.2	31.3	19.3	2.3	32.1	20.1	2.4	34.3	22.8	2.6	39.8	28.1	2.8		
	48.2			16.8	7.3	1.6	17.0	7.5	1.6	17.3	7.7	1.6	17.7	8.0	1.7	18.9	9.0	1.8	22.0	11.1	1.9		
Low	895			64.4	53.6	17.4	4.7	1.6	17.7	4.9	1.7	17.9	5.0	1.7	18.4	5.2	1.8	19.6	5.9	1.9	22.8	7.3	2.0
					59.0	21.0	4.9	1.8	21.3	5.0	1.8	21.6	5.2	1.8	22.2	5.4	1.9	23.6	6.1	2.1	27.5	7.5	2.2
					53.6	20.9	11.0	1.9	21.2	11.3	1.9	21.5	11.6	1.9	22.1	12.1	2.0	23.5	13.7	2.2	27.4	16.9	2.3
				69.8	59.0	21.4	9.0	1.9	21.7	9.3	2.0	22.0	9.5	2.0	22.6	9.9	2.1	24.1	11.2	2.2	28.0	13.8	2.4
					66.2	24.9	7.1	2.1	25.2	7.3	2.1	25.6	7.5	2.1	26.3	7.8	2.2	28.0	8.9	2.4	32.6	10.9	2.6
					60.8	22.3	11.3	1.9	22.7	11.6	1.9	23.0	11.9	2.0	23.6	12.4	2.1	25.2	14.1	2.2	29.3	17.3	2.4
		75.2	66.2	25.4	11.0	2.1	25.7	11.3	2.1	26.1	11.6	2.2	26.8	12.1	2.3	28.6	13.7	2.4	33.3	16.8	2.6		
			73.4	24.9	5.2	2.2	25.2	5.3	2.2	25.6	5.5	2.2	26.3	5.7	2.3	28.0	6.4	2.5	32.6	7.9	2.7		
			60.8	23.3	14.1	2.0	23.6	14.5	2.1	24.0	14.9	2.1	24.6	15.5	2.2	26.3	17.6	2.4	30.5	21.6	2.6		
		80.6	66.2	25.9	14.0	2.1	26.3	14.4	2.1	26.6	14.8	2.2	27.4	15.4	2.3	29.2	17.4	2.5	33.9	21.5	2.6		
			73.4	27.5	9.5	2.1	27.9	9.8	2.2	28.2	10.0	2.2	29.0	10.4	2.3	30.9	11.8	2.5	36.0	14.6	2.7		
			66.2	26.4	15.0	2.1	26.8	15.4	2.2	27.2	15.8	2.2	27.9	16.5	2.3	29.8	18.7	2.5	34.6	23.0	2.7		
		84.2	60.8	24.6	15.8	2.1	24.9	16.2	2.1	25.2	16.7	2.1	25.9	17.3	2.2	27.7	19.6	2.4	32.2	24.2	2.6		
			66.2	26.7	16.0	2.1	27.1	16.5	2.2	27.4	16.9	2.2	28.2	17.6	2.3	30.1	19.9	2.5	35.0	24.6	2.7		
			73.4	28.0	13.1	2.2	28.4	13.5	2.2	28.8	13.9	2.2	29.6	14.4	2.3	31.6	16.3	2.5	36.7	20.1	2.7		
		86.0	60.8	25.8	17.1	2.1	26.2	17.5	2.1	26.5	18.0	2.2	27.3	18.7	2.3	29.1	21.2	2.5	33.8	26.2	2.6		
			66.2	27.5	18.0	2.1	27.9	18.5	2.2	28.2	19.0	2.2	29.0	19.7	2.3	30.9	22.4	2.5	36.0	27.5	2.7		
			73.4	30.4	17.5	2.2	30.8	18.0	2.2	31.3	18.5	2.3	32.1	19.2	2.4	34.3	21.8	2.6	39.8	26.8	2.8		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																			
				86			95			102.2			109.4			114.8			118.4				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1177	64.4	48.2	24.7	14.8	2.3	25.4	16.1	2.6	24.9	15.9	2.9	20.3	13.2	2.4	19.1	12.7	2.3	17.8	12.0	2.3		
			53.6	25.6	9.7	2.4	26.4	10.5	2.8	25.9	10.4	3.0	21.1	8.6	2.5	19.8	8.3	2.4	18.5	7.9	2.4		
			59.0	30.8	9.9	2.6	31.8	10.8	3.0	31.1	10.7	3.3	25.4	8.9	2.7	23.8	8.5	2.6	22.2	8.1	2.6		
		69.8	53.6	30.7	22.5	2.7	31.6	24.4	3.2	31.0	24.1	3.5	25.3	20.1	2.9	23.7	19.2	2.7	22.1	18.3	2.8		
			59.0	31.4	18.4	2.8	32.4	19.9	3.3	31.7	19.7	3.6	25.9	16.4	2.9	24.3	15.7	2.8	22.7	14.9	2.8		
			66.2	36.5	14.5	3.0	37.7	15.8	3.5	36.9	15.6	3.8	30.1	13.0	3.2	28.3	12.4	3.0	26.4	11.8	3.1		
		75.2	60.8	32.8	23.1	2.8	33.8	25.0	3.3	33.2	24.8	3.6	27.1	20.6	2.9	25.4	19.7	2.8	23.7	18.7	2.8		
			66.2	37.3	22.4	3.0	38.5	24.3	3.5	37.7	24.1	3.9	30.8	20.0	3.2	28.8	19.1	3.0	26.9	18.2	3.1		
			73.4	36.6	10.5	3.1	37.7	11.4	3.7	36.9	11.3	4.0	30.1	9.4	3.3	28.3	9.0	3.1	26.4	8.6	3.2		
		80.6	60.8	34.3	28.8	3.0	35.3	31.2	3.5	34.6	30.9	3.8	28.3	25.7	3.1	26.5	24.6	3.0	24.7	23.4	3.0		
			66.2	38.1	28.6	3.0	39.2	31.0	3.6	38.5	30.7	3.9	31.4	25.5	3.2	29.4	24.4	3.0	27.5	23.2	3.1		
			73.4	40.3	19.4	3.1	41.6	21.0	3.7	40.8	20.8	4.0	33.3	17.3	3.3	31.2	16.6	3.1	29.1	15.8	3.2		
		84.2	66.2	38.8	30.6	3.1	40.0	33.2	3.6	39.2	32.9	3.9	32.0	27.4	3.3	30.0	26.1	3.1	28.0	24.9	3.1		
			60.8	36.1	32.1	3.0	37.2	34.9	3.5	36.4	34.5	3.8	29.7	28.7	3.2	27.9	27.5	3.0	26.0	26.1	3.1		
			66.2	39.2	32.7	3.1	40.4	35.4	3.6	39.6	35.1	3.9	32.3	29.2	3.3	30.3	27.9	3.1	28.3	26.5	3.1		
		86.0	73.4	41.2	26.7	3.1	42.4	29.0	3.7	41.6	28.7	4.0	33.9	23.9	3.3	31.8	22.9	3.1	29.7	21.7	3.2		
			60.8	37.9	34.8	3.0	39.1	37.7	3.6	38.3	37.4	3.9	31.3	31.1	3.2	29.3	29.7	3.0	27.4	28.3	3.1		
			66.2	40.3	36.6	3.1	41.6	39.8	3.7	40.8	39.4	4.0	33.3	32.8	3.3	31.2	31.3	3.1	29.1	29.8	3.2		
		89.6	73.4	41.6	33.2	3.1	42.8	36.0	3.7	42.0	35.7	4.0	34.3	29.7	3.3	32.1	28.4	3.1	30.0	27.0	3.2		
			60.8	35.3	29.3	3.0	36.4	31.8	3.5	35.7	31.5	3.8	29.2	26.2	3.1	27.3	25.0	3.0	25.5	23.8	3.0		
			66.2	38.4	29.8	3.0	39.6	32.3	3.6	38.8	32.0	3.9	31.7	26.6	3.2	29.7	25.4	3.0	27.7	24.2	3.1		
		Medium	959	64.4	48.2	24.2	13.5	2.2	24.9	14.6	2.6	24.4	14.5	2.9	19.9	12.1	2.4	18.7	11.5	2.2	17.4	11.0	2.3
					53.6	25.1	8.8	2.3	25.9	9.6	2.7	25.3	9.5	3.0	20.7	7.9	2.5	19.4	7.5	2.3	18.1	7.2	2.4
					59.0	30.2	9.1	2.6	31.1	9.8	3.0	30.5	9.7	3.3	24.9	8.1	2.7	23.4	7.7	2.6	21.8	7.4	2.6
69.8	53.6			30.1	20.5	2.7	31.0	22.2	3.2	30.4	22.0	3.4	24.8	18.3	2.8	23.3	17.5	2.7	21.7	16.6	2.7		
	59.0			30.8	16.7	2.7	31.7	18.2	3.2	31.1	18.0	3.5	25.4	15.0	2.9	23.8	14.3	2.7	22.2	13.6	2.8		
	66.2			35.8	13.2	3.0	36.9	14.4	3.5	36.2	14.2	3.8	29.5	11.8	3.1	27.7	11.3	3.0	25.8	10.8	3.0		
75.2	60.8			32.2	21.0	2.7	33.2	22.8	3.2	32.5	22.6	3.5	26.5	18.8	2.9	24.9	18.0	2.7	23.2	17.1	2.8		
	66.2			36.6	20.4	3.0	37.7	22.1	3.5	36.9	21.9	3.8	30.1	18.3	3.2	28.3	17.4	3.0	26.4	16.6	3.1		
	73.4			35.8	9.6	3.1	36.9	10.4	3.6	36.2	10.3	4.0	29.5	8.6	3.3	27.7	8.2	3.1	25.9	7.8	3.2		
80.6	60.8			33.6	26.2	2.9	34.6	28.5	3.4	33.9	28.2	3.7	27.7	23.5	3.1	26.0	22.4	2.9	24.2	21.3	3.0		
	66.2			37.3	26.0	3.0	38.5	28.3	3.5	37.7	28.0	3.9	30.8	23.3	3.2	28.8	22.2	3.0	26.9	21.2	3.1		
	73.4			39.5	17.7	3.1	40.8	19.2	3.6	39.9	19.0	3.9	32.6	15.8	3.3	30.6	15.1	3.1	28.5	14.4	3.1		
84.2	66.2			38.0	27.9	3.0	39.2	30.3	3.6	38.4	29.9	3.9	31.4	24.9	3.2	29.4	23.8	3.0	27.5	22.7	3.1		
	60.8			35.3	29.3	3.0	36.4	31.8	3.5	35.7	31.5	3.8	29.2	26.2	3.1	27.3	25.0	3.0	25.5	23.8	3.0		
	66.2			38.4	29.8	3.0	39.6	32.3	3.6	38.8	32.0	3.9	31.7	26.6	3.2	29.7	25.4	3.0	27.7	24.2	3.1		
86.0	73.4			40.3	24.4	3.1	41.6	26.5	3.7	40.8	26.2	4.0	33.3	21.8	3.3	31.2	20.8	3.1	29.1	19.8	3.2		
	60.8			37.2	31.7	3.0	38.3	34.4	3.5	37.5	34.1	3.9	30.7	28.3	3.2	28.7	27.1	3.0	26.8	25.8	3.1		
	66.2			39.5	33.4	3.1	40.8	36.2	3.6	39.9	35.9	3.9	32.6	29.9	3.3	30.6	28.5	3.1	28.5	27.1	3.1		
89.6	73.4			41.6	30.9	3.1	42.8	33.5	3.7	42.0	33.2	4.0	34.3	27.6	3.3	32.1	26.4	3.1	30.0	25.1	3.2		
	48.2			22.9	12.3	2.2	23.6	13.3	2.6	23.2	13.2	2.8	18.9	11.0	2.3	17.7	10.5	2.2	16.6	10.0	2.3		
	53.6			23.8	8.0	2.3	24.5	8.7	2.7	24.0	8.6	3.0	19.6	7.2	2.4	18.4	6.8	2.3	17.2	6.5	2.4		
Low	895			64.4	59.0	28.7	8.2	2.5	29.6	8.9	3.0	29.0	8.8	3.3	23.6	7.4	2.7	22.2	7.0	2.5	20.7	6.7	2.6
					53.6	28.5	18.6	2.7	29.4	20.2	3.1	28.8	20.0	3.4	23.5	16.6	2.8	22.1	15.9	2.7	20.6	15.1	2.7
					59.0	29.2	15.2	2.7	30.1	16.5	3.2	29.5	16.3	3.5	24.1	13.6	2.9	22.6	13.0	2.7	21.1	12.4	2.8
		69.8	66.2	34.0	12.0	2.9	35.0	13.1	3.4	34.3	12.9	3.7	28.0	10.8	3.1	26.3	10.3	2.9	24.5	9.8	3.0		
			60.8	30.5	19.1	2.7	31.5	20.7	3.2	30.8	20.5	3.5	25.2	17.1	2.9	23.6	16.3	2.7	22.0	15.5	2.8		
			66.2	34.7	18.5	3.0	35.8	20.1	3.5	35.0	19.9	3.8	28.6	16.6	3.1	26.8	15.8	3.0	25.0	15.1	3.0		
		75.2	73.4	34.0	8.7	3.1	35.0	9.5	3.6	34.3	9.4	3.9	28.0	7.8	3.3	26.3	7.5	3.1	24.5	7.1	3.1		
			60.8	31.9	23.8	2.9	32.8	25.9	3.4	32.2	25.6	3.7	26.3	21.3	3.1	24.6	20.4	2.9	23.0	19.4	3.0		
			66.2	35.4	23.6	3.0	36.5	25.7	3.5	35.8	25.4	3.8	29.2	21.1	3.2	27.4	20.2	3.0	25.5	19.2	3.1		
		80.6	73.4	37.5	16.0	3.0	38.7	17.4	3.6	37.9	17.2	3.9	30.9	14.3	3.2	29.0	13.7	3.0	27.1	13.0	3.1		
			66.2	36.1	25.3	3.0	37.2	27.5	3.5	36.5	27.2	3.9	29.8	22.6	3.2	27.9	21.6	3.0	26.1	20.6	3.1		
			60.8	33.5	26.6	2.9	34.6	28.9	3.4	33.9	28.6	3.7	27.7	23.8	3.1	25.9	22.7	2.9	24.2	21.6	3.0		
		84.2	66.2	36.5	27.0	3.0	37.6	29.3	3.5	36.8	29.0	3.9	30.1	24.2	3.2	28.2	23.1	3.0	26.3	22.0	3.1		
			73.4	38.3	22.1	3.1	39.5	24.0	3.6	38.7	23.8	3.9	31.6	19.8	3.3	29.6	18.9	3.1	27.6	18.0	3.1		
			60.8	35.3	28.8	3.0	36.4	31.2	3.5	35.6	30.9	3.8	29.1	25.7	3.2	27.3	24.6	3.0	25.5	23.4	3.1		
		86.0	66.2	37.5	30.3	3.0	38.7	32.9	3.6	37.9	32.6	3.9	30.9	27.1	3.2	29.0	25.9	3.0	27.1	24.6	3.1		
			73.4	41.6	29.6	3.1	42.8	32.1	3.7	42.0	31.7	4.0	34.3	26.4	3.3	32.1	25.3	3.1	30.0	24.0	3.2		

Outdoor Unit:GUHD48NK3C1O Indoor Unit:GTH48K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																
				5			14			19.4			23			32				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1354	64.4	48.2	16.8	7.6	1.5	17.0	7.9	1.5	17.3	8.1	1.5	17.5	8.3	1.5	17.8	8.5	1.6		
			53.6	17.4	5.0	1.5	17.7	5.1	1.6	17.9	5.3	1.6	18.2	5.4	1.6	18.5	5.6	1.6		
			59.0	21.0	5.1	1.7	21.3	5.3	1.7	21.6	5.4	1.7	21.9	5.6	1.8	22.2	5.7	1.8		
		69.8	53.6	20.9	11.6	1.8	21.2	11.9	1.8	21.5	12.3	1.8	21.8	12.6	1.9	22.1	13.0	1.9		
			59.0	21.4	9.5	1.8	21.7	9.8	1.8	22.0	10.0	1.9	22.4	10.3	1.9	22.7	10.6	1.9		
			66.2	24.9	7.5	1.9	25.2	7.7	2.0	25.6	7.9	2.0	26.0	8.2	2.0	26.4	8.4	2.1		
		75.2	60.8	22.3	11.9	1.8	22.7	12.2	1.8	23.0	12.6	1.9	23.3	12.9	1.9	23.7	13.3	1.9		
			66.2	25.4	11.5	1.9	25.8	11.9	2.0	26.1	12.2	2.0	26.5	12.6	2.1	26.9	12.9	2.1		
			73.4	24.9	5.4	2.0	25.2	5.6	2.1	25.6	5.8	2.1	26.0	5.9	2.1	26.4	6.1	2.2		
		80.6	60.8	23.3	14.8	1.9	23.7	15.3	1.9	24.0	15.7	2.0	24.4	16.2	2.0	24.7	16.6	2.0		
			66.2	25.9	14.7	2.0	26.3	15.2	2.0	26.7	15.6	2.0	27.1	16.0	2.1	27.5	16.5	2.1		
			73.4	27.5	10.0	2.0	27.9	10.3	2.0	28.3	10.6	2.1	28.7	10.9	2.1	29.1	11.2	2.2		
		84.2	66.2	26.4	15.8	2.0	26.8	16.2	2.0	27.2	16.7	2.1	27.6	17.2	2.1	28.0	17.7	2.1		
			60.8	24.5	16.6	1.9	24.9	17.1	2.0	25.3	17.6	2.0	25.7	18.1	2.0	26.0	18.6	2.1		
			66.2	26.7	16.8	2.0	27.1	17.3	2.0	27.5	17.8	2.1	27.9	18.3	2.1	28.3	18.9	2.1		
		86.0	73.4	28.0	13.8	2.0	28.4	14.2	2.1	28.9	14.6	2.1	29.3	15.0	2.1	29.7	15.4	2.2		
			60.8	25.8	17.9	2.0	26.2	18.5	2.0	26.6	19.0	2.0	27.0	19.5	2.1	27.4	20.1	2.1		
			66.2	27.5	18.9	2.0	27.9	19.4	2.0	28.3	20.0	2.1	28.7	20.6	2.1	29.1	21.2	2.2		
		89.6	73.4	28.3	17.1	2.0	28.7	17.6	2.1	29.1	18.1	2.1	29.6	18.6	2.1	30.0	19.2	2.2		
			48.2	16.4	7.0	1.4	16.7	7.2	1.5	16.9	7.4	1.5	17.2	7.6	1.5	17.4	7.8	1.5		
			53.6	17.1	4.5	1.5	17.3	4.7	1.5	17.6	4.8	1.6	17.8	4.9	1.6	18.1	5.1	1.6		
		Medium	1236	64.4	59.0	20.6	4.7	1.7	20.9	4.8	1.7	21.2	5.0	1.7	21.5	5.1	1.7	21.8	5.2	1.8
					53.6	20.5	10.6	1.7	20.8	10.9	1.8	21.1	11.2	1.8	21.4	11.5	1.8	21.7	11.8	1.9
					59.0	21.0	8.6	1.8	21.3	8.9	1.8	21.6	9.1	1.8	21.9	9.4	1.9	22.2	9.7	1.9
69.8	66.2			24.4	6.8	1.9	24.7	7.0	1.9	25.1	7.2	2.0	25.5	7.4	2.0	25.8	7.6	2.0		
	60.8			21.9	10.8	1.8	22.2	11.2	1.8	22.6	11.5	1.8	22.9	11.8	1.9	23.2	12.1	1.9		
	66.2			24.9	10.5	1.9	25.2	10.8	2.0	25.6	11.1	2.0	26.0	11.5	2.0	26.4	11.8	2.1		
75.2	73.4			24.4	5.0	2.0	24.7	5.1	2.0	25.1	5.2	2.1	25.5	5.4	2.1	25.9	5.5	2.2		
	60.8			22.8	13.5	1.9	23.2	13.9	1.9	23.5	14.3	2.0	23.9	14.7	2.0	24.2	15.2	2.0		
	66.2			25.4	13.4	1.9	25.8	13.8	2.0	26.1	14.2	2.0	26.5	14.6	2.1	26.9	15.0	2.1		
80.6	73.4			26.9	9.1	2.0	27.3	9.4	2.0	27.7	9.6	2.1	28.1	9.9	2.1	28.5	10.2	2.1		
	66.2			25.9	14.4	2.0	26.3	14.8	2.0	26.7	15.2	2.0	27.1	15.7	2.1	27.5	16.1	2.1		
	60.8			24.0	15.1	1.9	24.4	15.6	1.9	24.8	16.0	2.0	25.1	16.5	2.0	25.5	16.9	2.0		
86.0	66.2			26.1	15.3	2.0	26.5	15.8	2.0	26.9	16.3	2.0	27.3	16.7	2.1	27.7	17.2	2.1		
	73.4			27.4	12.6	2.0	27.9	12.9	2.0	28.3	13.3	2.1	28.7	13.7	2.1	29.1	14.1	2.2		
	60.8			25.3	16.3	1.9	25.7	16.8	2.0	26.1	17.3	2.0	26.4	17.8	2.1	26.8	18.3	2.1		
89.6	66.2			26.9	17.2	2.0	27.3	17.7	2.0	27.7	18.2	2.1	28.1	18.8	2.1	28.5	19.3	2.1		
	73.4			28.3	15.9	2.0	28.7	16.4	2.1	29.1	16.9	2.1	29.6	17.3	2.1	30.0	17.8	2.2		
	48.2			15.6	6.3	1.4	15.8	6.5	1.5	16.1	6.7	1.5	16.3	6.9	1.5	16.6	7.1	1.5		
Low	1118			64.4	53.6	16.2	4.1	1.5	16.4	4.2	1.5	16.7	4.4	1.5	16.9	4.5	1.6	17.2	4.6	1.6
					59.0	19.5	4.2	1.6	19.8	4.4	1.7	20.1	4.5	1.7	20.4	4.6	1.7	20.7	4.8	1.8
					53.6	19.4	9.6	1.7	19.7	9.9	1.8	20.0	10.2	1.8	20.3	10.4	1.8	20.6	10.7	1.8
				69.8	59.0	19.9	7.8	1.8	20.2	8.1	1.8	20.5	8.3	1.8	20.8	8.5	1.9	21.1	8.8	1.9
					66.2	23.1	6.2	1.9	23.5	6.4	1.9	23.8	6.6	2.0	24.2	6.8	2.0	24.5	6.9	2.0
					60.8	20.8	9.8	1.8	21.1	10.1	1.8	21.4	10.4	1.8	21.7	10.7	1.9	22.0	11.0	1.9
		75.2	66.2	23.6	9.6	1.9	24.0	9.8	1.9	24.3	10.1	2.0	24.7	10.4	2.0	25.0	10.7	2.0		
			73.4	23.1	4.5	2.0	23.5	4.6	2.0	23.8	4.8	2.1	24.2	4.9	2.1	24.5	5.0	2.1		
			60.8	21.7	12.3	1.9	22.0	12.6	1.9	22.3	13.0	1.9	22.7	13.4	2.0	23.0	13.8	2.0		
		80.6	66.2	24.1	12.2	1.9	24.4	12.5	2.0	24.8	12.9	2.0	25.2	13.3	2.0	25.5	13.6	2.1		
			73.4	25.5	8.3	2.0	25.9	8.5	2.0	26.3	8.8	2.0	26.7	9.0	2.1	27.1	9.3	2.1		
			84.2	66.2	24.6	13.1	1.9	24.9	13.4	2.0	25.3	13.8	2.0	25.7	14.2	2.1	26.1	14.6	2.1	
		86.0	60.8	22.8	13.7	1.9	23.2	14.1	1.9	23.5	14.5	2.0	23.9	14.9	2.0	24.2	15.4	2.0		
			66.2	24.8	13.9	1.9	25.2	14.3	2.0	25.6	14.8	2.0	25.9	15.2	2.1	26.3	15.6	2.1		
			73.4	26.0	11.4	2.0	26.4	11.8	2.0	26.8	12.1	2.1	27.2	12.4	2.1	27.6	12.8	2.1		
		89.6	60.8	24.0	14.8	1.9	24.4	15.3	2.0	24.7	15.7	2.0	25.1	16.2	2.0	25.5	16.6	2.1		
			66.2	25.5	15.6	2.0	25.9	16.1	2.0	26.3	16.6	2.0	26.7	17.0	2.1	27.1	17.5	2.1		
			73.4	28.3	15.2	2.0	28.7	15.7	2.1	29.1	16.1	2.1	29.6	16.6	2.1	30.0	17.1	2.2		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																		
				41			50			59			64.4			69.8			77			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	1354	64.4	48.2	18.1	8.8	1.6	18.3	9.0	1.6	18.6	9.3	1.6	19.1	9.6	1.7	20.3	10.9	1.9	23.6	13.4	2.0	
			53.6	18.7	5.7	1.7	19.0	5.9	1.7	19.3	6.0	1.7	19.8	6.3	1.8	21.1	7.1	1.9	24.5	8.8	2.1	
			59.0	22.6	5.9	1.8	22.9	6.1	1.9	23.2	6.2	1.9	23.8	6.5	2.0	25.4	7.3	2.1	29.6	9.0	2.3	
		69.8	53.6	22.5	13.3	1.9	22.8	13.7	1.9	23.1	14.1	2.0	23.7	14.6	2.1	25.3	16.6	2.2	29.4	20.4	2.4	
			59.0	23.0	10.9	2.0	23.3	11.2	2.0	23.6	11.5	2.0	24.3	12.0	2.1	25.9	13.6	2.3	30.1	16.7	2.4	
			66.2	26.7	8.6	2.1	27.1	8.9	2.1	27.5	9.1	2.2	28.3	9.5	2.3	30.1	10.7	2.5	35.0	13.2	2.6	
		75.2	60.8	24.0	13.7	2.0	24.4	14.1	2.0	24.7	14.4	2.0	25.4	15.0	2.1	27.1	17.0	2.3	31.5	20.9	2.4	
			66.2	27.3	13.3	2.1	27.7	13.6	2.2	28.1	14.0	2.2	28.8	14.6	2.3	30.8	16.5	2.5	35.8	20.3	2.7	
			73.4	26.8	6.2	2.2	27.1	6.4	2.2	27.5	6.6	2.3	28.3	6.9	2.4	30.1	7.8	2.6	35.0	9.6	2.8	
		80.6	60.8	25.1	17.1	2.1	25.4	17.5	2.1	25.8	18.0	2.2	26.5	18.7	2.3	28.3	21.2	2.4	32.8	26.2	2.6	
			66.2	27.9	16.9	2.1	28.3	17.4	2.2	28.6	17.9	2.2	29.4	18.6	2.3	31.4	21.1	2.5	36.5	25.9	2.7	
			73.4	29.5	11.5	2.2	29.9	11.8	2.2	30.4	12.1	2.3	31.2	12.6	2.4	33.3	14.3	2.6	38.7	17.6	2.7	
		84.2	66.2	28.4	18.1	2.2	28.8	18.6	2.2	29.2	19.1	2.2	30.0	19.9	2.4	32.0	22.6	2.5	37.2	27.8	2.7	
			60.8	26.4	19.1	2.1	26.8	19.6	2.1	27.1	20.1	2.2	27.9	20.9	2.3	29.7	23.7	2.5	34.6	29.2	2.6	
			66.2	28.7	19.4	2.2	29.1	19.9	2.2	29.5	20.4	2.2	30.3	21.3	2.4	32.3	24.1	2.5	37.6	29.7	2.7	
		86.0	73.4	30.1	15.9	2.2	30.6	16.3	2.2	31.0	16.7	2.3	31.8	17.4	2.4	33.9	19.7	2.6	39.5	24.3	2.8	
			60.8	27.8	20.6	2.1	28.1	21.2	2.2	28.5	21.8	2.2	29.3	22.6	2.3	31.3	25.7	2.5	36.4	31.6	2.7	
			66.2	29.5	21.7	2.2	29.9	22.3	2.2	30.4	22.9	2.3	31.2	23.9	2.4	33.3	27.0	2.6	38.7	33.3	2.7	
89.6	73.4	30.4	19.7	2.2	30.8	20.2	2.2	31.3	20.8	2.3	32.1	21.6	2.4	34.3	24.5	2.6	39.8	30.2	2.8			
	Medium	1236	64.4	48.2	17.7	8.0	1.6	17.9	8.2	1.6	18.2	8.4	1.6	18.7	8.8	1.7	19.9	10.0	1.8	23.2	12.3	2.0
				53.6	18.4	5.2	1.6	18.6	5.4	1.7	18.9	5.5	1.7	19.4	5.7	1.8	20.7	6.5	1.9	24.0	8.0	2.1
59.0				22.1	5.4	1.8	22.4	5.5	1.8	22.7	5.7	1.9	23.4	5.9	2.0	24.9	6.7	2.1	29.0	8.2	2.3	
69.8			53.6	22.0	12.1	1.9	22.3	12.5	1.9	22.6	12.8	2.0	23.3	13.3	2.1	24.8	15.1	2.2	28.8	18.6	2.4	
			59.0	22.5	9.9	1.9	22.9	10.2	2.0	23.2	10.5	2.0	23.8	10.9	2.1	25.4	12.4	2.3	29.5	15.2	2.4	
			66.2	26.2	7.9	2.1	26.6	8.1	2.1	26.9	8.3	2.2	27.7	8.6	2.3	29.5	9.8	2.4	34.3	12.0	2.6	
75.2			60.8	23.5	12.5	1.9	23.9	12.8	2.0	24.2	13.2	2.0	24.9	13.7	2.1	26.5	15.5	2.3	30.8	19.1	2.4	
			66.2	26.8	12.1	2.1	27.1	12.4	2.1	27.5	12.8	2.2	28.3	13.3	2.3	30.1	15.1	2.5	35.0	18.5	2.6	
			73.4	26.2	5.7	2.2	26.6	5.9	2.2	27.0	6.0	2.3	27.7	6.3	2.4	29.5	7.1	2.6	34.3	8.7	2.7	
80.6			60.8	24.6	15.6	2.1	24.9	16.0	2.1	25.3	16.4	2.1	26.0	17.1	2.2	27.7	19.4	2.4	32.2	23.8	2.6	
			66.2	27.3	15.4	2.1	27.7	15.9	2.2	28.1	16.3	2.2	28.8	17.0	2.3	30.8	19.2	2.5	35.8	23.6	2.7	
			73.4	28.9	10.5	2.2	29.3	10.8	2.2	29.8	11.1	2.2	30.6	11.5	2.3	32.6	13.0	2.5	37.9	16.0	2.7	
84.2			66.2	27.8	16.5	2.1	28.2	17.0	2.2	28.6	17.4	2.2	29.4	18.2	2.3	31.4	20.6	2.5	36.5	25.3	2.7	
			60.8	25.9	17.4	2.1	26.2	17.9	2.1	26.6	18.3	2.2	27.3	19.1	2.3	29.2	21.6	2.4	33.9	26.6	2.6	
			66.2	28.1	17.7	2.1	28.5	18.1	2.2	28.9	18.6	2.2	29.7	19.4	2.3	31.7	22.0	2.5	36.8	27.0	2.7	
86.0			73.4	29.5	14.5	2.2	29.9	14.9	2.2	30.4	15.3	2.3	31.2	15.9	2.4	33.3	18.0	2.6	38.7	22.1	2.7	
			60.8	27.2	18.8	2.1	27.6	19.3	2.2	28.0	19.8	2.2	28.7	20.6	2.3	30.7	23.4	2.5	35.6	28.8	2.7	
			66.2	28.9	19.8	2.2	29.3	20.3	2.2	29.8	20.9	2.2	30.6	21.7	2.3	32.6	24.6	2.5	37.9	30.3	2.7	
89.6	73.4	30.4	18.3	2.2	30.8	18.8	2.2	31.3	19.3	2.3	32.1	20.1	2.4	34.3	22.8	2.6	39.8	28.1	2.8			
	Low	1118	64.4	48.2	16.8	7.3	1.6	17.0	7.5	1.6	17.3	7.7	1.6	17.7	8.0	1.7	18.9	9.0	1.8	22.0	11.1	1.9
				53.6	17.4	4.7	1.6	17.7	4.9	1.7	17.9	5.0	1.7	18.4	5.2	1.8	19.6	5.9	1.9	22.8	7.3	2.0
59.0				21.0	4.9	1.8	21.3	5.0	1.8	21.6	5.2	1.8	22.2	5.4	1.9	23.6	6.1	2.1	27.5	7.5	2.2	
69.8			53.6	20.9	11.0	1.9	21.2	11.3	1.9	21.5	11.6	1.9	22.1	12.1	2.0	23.5	13.7	2.2	27.4	16.9	2.3	
			59.0	21.4	9.0	1.9	21.7	9.3	2.0	22.0	9.5	2.0	22.6	9.9	2.1	24.1	11.2	2.2	28.0	13.8	2.4	
			66.2	24.9	7.1	2.1	25.2	7.3	2.1	25.6	7.5	2.1	26.3	7.8	2.2	28.0	8.9	2.4	32.6	10.9	2.6	
75.2			60.8	22.3	11.3	1.9	22.7	11.6	1.9	23.0	11.9	2.0	23.6	12.4	2.1	25.2	14.1	2.2	29.3	17.3	2.4	
			66.2	25.4	11.0	2.1	25.7	11.3	2.1	26.1	11.6	2.2	26.8	12.1	2.3	28.6	13.7	2.4	33.3	16.8	2.6	
			73.4	24.9	5.2	2.2	25.2	5.3	2.2	25.6	5.5	2.2	26.3	5.7	2.3	28.0	6.4	2.5	32.6	7.9	2.7	
80.6			60.8	23.3	14.1	2.0	23.6	14.5	2.1	24.0	14.9	2.1	24.6	15.5	2.2	26.3	17.6	2.4	30.5	21.6	2.6	
			66.2	25.9	14.0	2.1	26.3	14.4	2.1	26.6	14.8	2.2	27.4	15.4	2.3	29.2	17.4	2.5	33.9	21.5	2.6	
			73.4	27.5	9.5	2.1	27.9	9.8	2.2	28.2	10.0	2.2	29.0	10.4	2.3	30.9	11.8	2.5	36.0	14.6	2.7	
84.2			66.2	26.4	15.0	2.1	26.8	15.4	2.2	27.2	15.8	2.2	27.9	16.5	2.3	29.8	18.7	2.5	34.6	23.0	2.7	
			60.8	24.6	15.8	2.1	24.9	16.2	2.1	25.2	16.7	2.1	25.9	17.3	2.2	27.7	19.6	2.4	32.2	24.2	2.6	
			66.2	26.7	16.0	2.1	27.1	16.5	2.2	27.4	16.9	2.2	28.2	17.6	2.3	30.1	19.9	2.5	35.0	20.1	2.7	
86.0			73.4	28.0	13.1	2.2	28.4	13.5	2.2	28.8	13.9	2.2	29.6	14.4	2.3	31.6	16.3	2.5	36.7	24.1	2.7	
			60.8	25.8	17.1	2.1	26.2	17.5	2.1	26.5	18.0	2.2	27.3	18.7	2.3	29.1	21.2	2.5	33.8	26.2	2.6	
			66.2	27.5	18.0	2.1	27.9	18.5	2.2	28.2	19.0	2.2	29.0	19.7	2.3	30.9	22.4	2.5	36.0	27.5	2.7	
89.6	73.4	30.4	17.5	2.2	30.8	18.0	2.2	31.3	18.5	2.3	32.1	19.2	2.4	34.3	21.8	2.6	39.8	26.8	2.8			

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																				
				86			95			102.2			109.4			114.8			118.4					
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI			
High	1354	64.4	48.2	24.7	14.8	2.3	25.4	16.1	2.6	24.9	15.9	2.9	20.3	13.2	2.4	19.1	12.7	2.3	17.8	12.0	2.3			
			53.6	25.6	9.7	2.4	26.4	10.5	2.8	25.9	10.4	3.0	21.1	8.6	2.5	19.8	8.3	2.4	18.5	7.9	2.4			
			59.0	30.8	9.9	2.6	31.8	10.8	3.0	31.1	10.7	3.3	25.4	8.9	2.7	23.8	8.5	2.6	22.2	8.1	2.6			
		69.8	53.6	30.7	22.5	2.7	31.6	24.4	3.2	31.0	24.1	3.5	25.3	20.1	2.9	23.7	19.2	2.7	22.1	18.3	2.8			
			59.0	31.4	18.4	2.8	32.4	19.9	3.3	31.7	19.7	3.6	25.9	16.4	2.9	24.3	15.7	2.8	22.7	14.9	2.8			
			66.2	36.5	14.5	3.0	37.7	15.8	3.5	36.9	15.6	3.8	30.1	13.0	3.2	28.3	12.4	3.0	26.4	11.8	3.1			
		75.2	60.8	32.8	23.1	2.8	33.8	25.0	3.3	33.2	24.8	3.6	27.1	20.6	2.9	25.4	19.7	2.8	23.7	18.7	2.8			
			66.2	37.3	22.4	3.0	38.5	24.3	3.5	37.7	24.1	3.9	30.8	20.0	3.2	28.8	19.1	3.0	26.9	18.2	3.1			
			73.4	36.6	10.5	3.1	37.7	11.4	3.7	36.9	11.3	4.0	30.1	9.4	3.3	28.3	9.0	3.1	26.4	8.6	3.2			
		80.6	60.8	34.3	28.8	3.0	35.3	31.2	3.5	34.6	30.9	3.8	28.3	25.7	3.1	26.5	24.6	3.0	24.7	23.4	3.0			
			66.2	38.1	28.6	3.0	39.2	31.0	3.6	38.5	30.7	3.9	31.4	25.5	3.2	29.4	24.4	3.0	27.5	23.2	3.1			
			73.4	40.3	19.4	3.1	41.6	21.0	3.7	40.8	20.8	4.0	33.3	17.3	3.3	31.2	16.6	3.1	29.1	15.8	3.2			
		84.2	66.2	38.8	30.6	3.1	40.0	33.2	3.6	39.2	32.9	3.9	32.0	27.4	3.3	30.0	26.1	3.1	28.0	24.9	3.1			
			60.8	36.1	32.1	3.0	37.2	34.9	3.5	36.4	34.5	3.8	29.7	28.7	3.2	27.9	27.5	3.0	26.0	26.1	3.1			
			66.2	39.2	32.7	3.1	40.4	35.4	3.6	39.6	35.1	3.9	32.3	29.2	3.3	30.3	27.9	3.1	28.3	26.5	3.1			
		86.0	73.4	41.2	26.7	3.1	42.4	29.0	3.7	41.6	28.7	4.0	33.9	23.9	3.3	31.8	22.9	3.1	29.7	21.7	3.2			
			60.8	37.9	34.8	3.0	39.1	37.7	3.6	38.3	37.4	3.9	31.3	31.1	3.2	29.3	29.7	3.0	27.4	28.3	3.1			
			66.2	40.3	36.6	3.1	41.6	39.8	3.7	40.8	39.4	4.0	33.3	32.8	3.3	31.2	31.3	3.1	29.1	29.8	3.2			
		89.6	73.4	41.6	33.2	3.1	42.8	36.0	3.7	42.0	35.7	4.0	34.3	29.7	3.3	32.1	28.4	3.1	30.0	27.0	3.2			
			Medium	1236	64.4	48.2	24.2	13.5	2.2	24.9	14.6	2.6	24.4	14.5	2.9	19.9	12.1	2.4	18.7	11.5	2.2	17.4	11.0	2.3
						53.6	25.1	8.8	2.3	25.9	9.6	2.7	25.3	9.5	3.0	20.7	7.9	2.5	19.4	7.5	2.3	18.1	7.2	2.4
		59.0				30.2	9.1	2.6	31.1	9.8	3.0	30.5	9.7	3.3	24.9	8.1	2.7	23.4	7.7	2.6	21.8	7.4	2.6	
		69.8			53.6	30.1	20.5	2.7	31.0	22.2	3.2	30.4	22.0	3.4	24.8	18.3	2.8	23.3	17.5	2.7	21.7	16.6	2.7	
					59.0	30.8	16.7	2.7	31.7	18.2	3.2	31.1	18.0	3.5	25.4	15.0	2.9	23.8	14.3	2.7	22.2	13.6	2.8	
66.2	35.8				13.2	3.0	36.9	14.4	3.5	36.2	14.2	3.8	29.5	11.8	3.1	27.7	11.3	3.0	25.8	10.8	3.0			
75.2	60.8	32.2			21.0	2.7	33.2	22.8	3.2	32.5	22.6	3.5	26.5	18.8	2.9	24.9	18.0	2.7	23.2	17.1	2.8			
	66.2	36.6			20.4	3.0	37.7	22.1	3.5	36.9	21.9	3.8	30.1	18.3	3.2	28.3	17.4	3.0	26.4	16.6	3.1			
	73.4	35.8			9.6	3.1	36.9	10.4	3.6	36.2	10.3	4.0	29.5	8.6	3.3	27.7	8.2	3.1	25.9	7.8	3.2			
80.6	60.8	33.6			26.2	2.9	34.6	28.5	3.4	33.9	28.2	3.7	27.7	23.5	3.1	26.0	22.4	2.9	24.2	21.3	3.0			
	66.2	37.3			26.0	3.0	38.5	28.3	3.5	37.7	28.0	3.9	30.8	23.3	3.2	28.8	22.2	3.0	26.9	21.2	3.1			
	73.4	39.5			17.7	3.1	40.8	19.2	3.6	39.9	19.0	3.9	32.6	15.8	3.3	30.6	15.1	3.1	28.5	14.4	3.1			
84.2	66.2	38.0			27.9	3.0	39.2	30.3	3.6	38.4	29.9	3.9	31.4	24.9	3.2	29.4	23.8	3.0	27.5	22.7	3.1			
	60.8	35.3			29.3	3.0	36.4	31.8	3.5	35.7	31.5	3.8	29.2	26.2	3.1	27.3	25.0	3.0	25.5	23.8	3.0			
	66.2	38.4			29.8	3.0	39.6	32.3	3.6	38.8	32.0	3.9	31.7	26.6	3.2	29.7	25.4	3.0	27.7	24.2	3.1			
86.0	73.4	40.3			24.4	3.1	41.6	26.5	3.7	40.8	26.2	4.0	33.3	21.8	3.3	31.2	20.8	3.1	29.1	19.8	3.2			
	60.8	37.2			31.7	3.0	38.3	34.4	3.5	37.5	34.1	3.9	30.7	28.3	3.2	28.7	27.1	3.0	26.8	25.8	3.1			
	66.2	39.5			33.4	3.1	40.8	36.2	3.6	39.9	35.9	3.9	32.6	29.9	3.3	30.6	28.5	3.1	28.5	27.1	3.1			
89.6	73.4	41.6			30.9	3.1	42.8	33.5	3.7	42.0	33.2	4.0	34.3	27.6	3.3	32.1	26.4	3.1	30.0	25.1	3.2			
	Low	1118			64.4	48.2	22.9	12.3	2.2	23.6	13.3	2.6	23.2	13.2	2.8	18.9	11.0	2.3	17.7	10.5	2.2	16.6	10.0	2.3
						53.6	23.8	8.0	2.3	24.5	8.7	2.7	24.0	8.6	3.0	19.6	7.2	2.4	18.4	6.8	2.3	17.2	6.5	2.4
59.0						28.7	8.2	2.5	29.6	8.9	3.0	29.0	8.8	3.3	23.6	7.4	2.7	22.2	7.0	2.5	20.7	6.7	2.6	
69.8					53.6	28.5	18.6	2.7	29.4	20.2	3.1	28.8	20.0	3.4	23.5	16.6	2.8	22.1	15.9	2.7	20.6	15.1	2.7	
					59.0	29.2	15.2	2.7	30.1	16.5	3.2	29.5	16.3	3.5	24.1	13.6	2.9	22.6	13.0	2.7	21.1	12.4	2.8	
			66.2	34.0	12.0	2.9	35.0	13.1	3.4	34.3	12.9	3.7	28.0	10.8	3.1	26.3	10.3	2.9	24.5	9.8	3.0			
75.2			60.8	30.5	19.1	2.7	31.5	20.7	3.2	30.8	20.5	3.5	25.2	17.1	2.9	23.6	16.3	2.7	22.0	15.5	2.8			
			66.2	34.7	18.5	3.0	35.8	20.1	3.5	35.0	19.9	3.8	28.6	16.6	3.1	26.8	15.8	3.0	25.0	15.1	3.0			
			73.4	34.0	8.7	3.1	35.0	9.5	3.6	34.3	9.4	3.9	28.0	7.8	3.3	26.3	7.5	3.1	24.5	7.1	3.1			
80.6			60.8	31.9	23.8	2.9	32.8	25.9	3.4	32.2	25.6	3.7	26.3	21.3	3.1	24.6	20.4	2.9	23.0	19.4	3.0			
			66.2	35.4	23.6	3.0	36.5	25.7	3.5	35.8	25.4	3.8	29.2	21.1	3.2	27.4	20.2	3.0	25.5	19.2	3.1			
			73.4	37.5	16.0	3.0	38.7	17.4	3.6	37.9	17.2	3.9	30.9	14.3	3.2	29.0	13.7	3.0	27.1	13.0	3.1			
84.2			66.2	36.1	25.3	3.0	37.2	27.5	3.5	36.5	27.2	3.9	29.8	22.6	3.2	27.9	21.6	3.0	26.1	20.6	3.1			
			60.8	33.5	26.6	2.9	34.6	28.9	3.4	33.9	28.6	3.7	27.7	23.8	3.1	25.9	22.7	2.9	24.2	21.6	3.0			
			66.2	36.5	27.0	3.0	37.6	29.3	3.5	36.8	29.0	3.9	30.1	24.2	3.2	28.2	23.1	3.0	26.3	22.0	3.1			
86.0			73.4	38.3	22.1	3.1	39.5	24.0	3.6	38.7	23.8	3.9	31.6	19.8	3.3	29.6	18.9	3.1	27.6	18.0	3.1			
			60.8	35.3	28.8	3.0	36.4	31.2	3.5	35.6	30.9	3.8	29.1	25.7	3.2	27.3	24.6	3.0	25.5	23.4	3.1			
			66.2	37.5	30.3	3.0	38.7	32.9	3.6	37.9	32.6	3.9	30.9	27.1	3.2	29.0	25.9	3.0	27.1	24.6	3.1			
89.6			73.4	41.6	29.6	3.1	42.8	32.1	3.7	42.0	31.7	4.0	34.3	26.4	3.3	32.1	25.3	3.1	30.0	24.0	3.2			

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD48NM3C1O Indoor Unit:GTH48K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)															
				5			14			19.4			23			32			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	1354	64.4	48.2	16.5	7.5	1.4	16.7	7.7	1.5	17.0	7.9	1.5	17.2	8.2	1.5	17.5	8.4	1.5	
			53.6	17.1	4.9	1.5	17.4	5.0	1.5	17.6	5.2	1.6	17.9	5.3	1.6	18.1	5.5	1.6	
			59.0	20.6	5.0	1.6	20.9	5.2	1.7	21.2	5.3	1.7	21.5	5.5	1.7	21.9	5.6	1.8	
		69.8	53.6	20.5	11.4	1.7	20.8	11.7	1.8	21.1	12.1	1.8	21.5	12.4	1.8	21.8	12.7	1.9	
			59.0	21.0	9.3	1.8	21.3	9.6	1.8	21.6	9.9	1.8	22.0	10.1	1.9	22.3	10.4	1.9	
			66.2	24.4	7.4	1.9	24.8	7.6	1.9	25.2	7.8	2.0	25.5	8.0	2.0	25.9	8.2	2.0	
		75.2	60.8	21.9	11.7	1.8	22.3	12.0	1.8	22.6	12.4	1.8	22.9	12.7	1.9	23.3	13.1	1.9	
			66.2	24.9	11.3	1.9	25.3	11.7	2.0	25.7	12.0	2.0	26.1	12.4	2.0	26.4	12.7	2.1	
			73.4	24.4	5.3	2.0	24.8	5.5	2.0	25.2	5.7	2.1	25.5	5.8	2.1	25.9	6.0	2.1	
		80.6	60.8	22.9	14.6	1.9	23.2	15.0	1.9	23.6	15.4	1.9	23.9	15.9	2.0	24.3	16.3	2.0	
			66.2	25.4	14.5	1.9	25.8	14.9	2.0	26.2	15.3	2.0	26.6	15.8	2.0	27.0	16.2	2.1	
			73.4	27.0	9.8	2.0	27.4	10.1	2.0	27.8	10.4	2.0	28.2	10.7	2.1	28.6	11.0	2.1	
	84.2	66.2	26.0	15.5	2.0	26.3	16.0	2.0	26.7	16.4	2.0	27.1	16.9	2.1	27.5	17.4	2.1		
		60.8	24.1	16.3	1.9	24.5	16.8	1.9	24.8	17.2	2.0	25.2	17.7	2.0	25.6	18.2	2.0		
		66.2	26.2	16.5	2.0	26.6	17.0	2.0	27.0	17.5	2.0	27.4	18.0	2.1	27.8	18.5	2.1		
	86.0	73.4	27.5	13.6	2.0	27.9	13.9	2.0	28.4	14.4	2.1	28.8	14.8	2.1	29.2	15.2	2.1		
		60.8	25.4	17.6	1.9	25.7	18.1	2.0	26.1	18.7	2.0	26.5	19.2	2.0	26.9	19.7	2.1		
		66.2	27.0	18.6	2.0	27.4	19.1	2.0	27.8	19.7	2.0	28.2	20.2	2.1	28.6	20.8	2.1		
	89.6	73.4	27.8	16.8	2.0	28.2	17.3	2.0	28.6	17.8	2.1	29.0	18.3	2.1	29.5	18.8	2.1		
		48.2	16.2	6.8	1.4	16.4	7.0	1.4	16.6	7.2	1.5	16.9	7.4	1.5	17.1	7.7	1.5		
		53.6	16.8	4.5	1.5	17.0	4.6	1.5	17.3	4.7	1.5	17.5	4.9	1.6	17.8	5.0	1.6		
	Medium	1236	64.4	59.0	20.2	4.6	1.6	20.5	4.7	1.7	20.8	4.9	1.7	21.1	5.0	1.7	21.4	5.1	1.7
				53.6	20.1	10.4	1.7	20.4	10.7	1.7	20.7	11.0	1.8	21.0	11.3	1.8	21.3	11.6	1.8
				59.0	20.6	8.5	1.7	20.9	8.7	1.8	21.2	9.0	1.8	21.5	9.2	1.8	21.8	9.5	1.9
69.8			66.2	23.9	6.7	1.9	24.3	6.9	1.9	24.7	7.1	1.9	25.0	7.3	2.0	25.4	7.5	2.0	
			60.8	21.5	10.6	1.7	21.8	11.0	1.8	22.2	11.3	1.8	22.5	11.6	1.8	22.8	11.9	1.9	
			66.2	24.4	10.3	1.9	24.8	10.6	1.9	25.2	11.0	2.0	25.5	11.3	2.0	25.9	11.6	2.0	
75.2			73.4	24.0	4.9	2.0	24.3	5.0	2.0	24.7	5.2	2.0	25.0	5.3	2.1	25.4	5.4	2.1	
			60.8	22.4	13.3	1.9	22.8	13.7	1.9	23.1	14.1	1.9	23.5	14.5	2.0	23.8	14.9	2.0	
			66.2	24.9	13.2	1.9	25.3	13.6	2.0	25.7	14.0	2.0	26.1	14.4	2.0	26.4	14.8	2.1	
80.6			73.4	26.4	8.9	2.0	26.8	9.2	2.0	27.2	9.5	2.0	27.6	9.7	2.1	28.0	10.0	2.1	
			84.2	66.2	25.4	14.1	1.9	25.8	14.5	2.0	26.2	15.0	2.0	26.6	15.4	2.0	27.0	15.8	2.1
			60.8	23.6	14.8	1.9	24.0	15.3	1.9	24.3	15.7	1.9	24.7	16.2	2.0	25.1	16.6	2.0	
86.0		66.2	25.7	15.1	1.9	26.1	15.5	2.0	26.5	16.0	2.0	26.9	16.4	2.0	27.2	16.9	2.1		
		73.4	27.0	12.4	2.0	27.4	12.7	2.0	27.8	13.1	2.0	28.2	13.5	2.1	28.6	13.8	2.1		
		60.8	24.8	16.1	1.9	25.2	16.5	2.0	25.6	17.0	2.0	26.0	17.5	2.0	26.4	18.0	2.1		
89.6		66.2	26.4	16.9	2.0	26.8	17.4	2.0	27.2	17.9	2.0	27.6	18.4	2.1	28.0	18.9	2.1		
		73.4	27.8	15.6	2.0	28.2	16.1	2.0	28.6	16.6	2.1	29.0	17.0	2.1	29.5	17.5	2.1		
		48.2	15.3	6.2	1.4	15.6	6.4	1.4	15.8	6.6	1.5	16.0	6.8	1.5	16.3	7.0	1.5		
Low		1118	64.4	53.6	15.9	4.1	1.5	16.2	4.2	1.5	16.4	4.3	1.5	16.6	4.4	1.5	16.9	4.5	1.6
				59.0	19.2	4.2	1.6	19.5	4.3	1.6	19.7	4.4	1.7	20.0	4.5	1.7	20.3	4.7	1.7
				53.6	19.1	9.4	1.7	19.4	9.7	1.7	19.7	10.0	1.8	20.0	10.3	1.8	20.2	10.5	1.8
			69.8	59.0	19.5	7.7	1.7	19.8	7.9	1.8	20.1	8.2	1.8	20.4	8.4	1.8	20.7	8.6	1.9
				66.2	22.7	6.1	1.9	23.1	6.3	1.9	23.4	6.5	1.9	23.8	6.6	2.0	24.1	6.8	2.0
				60.8	20.4	9.7	1.7	20.7	10.0	1.8	21.0	10.2	1.8	21.3	10.5	1.8	21.6	10.8	1.9
	75.2		66.2	23.2	9.4	1.9	23.5	9.7	1.9	23.9	9.9	1.9	24.2	10.2	2.0	24.6	10.5	2.0	
			73.4	22.7	4.4	2.0	23.1	4.5	2.0	23.4	4.7	2.0	23.8	4.8	2.1	24.1	4.9	2.1	
			60.8	21.3	12.1	1.8	21.6	12.4	1.9	21.9	12.8	1.9	22.3	13.2	1.9	22.6	13.5	2.0	
	80.6		66.2	23.7	12.0	1.9	24.0	12.3	1.9	24.4	12.7	2.0	24.7	13.0	2.0	25.1	13.4	2.0	
			73.4	25.1	8.1	1.9	25.5	8.4	2.0	25.8	8.6	2.0	26.2	8.9	2.0	26.6	9.1	2.1	
			84.2	66.2	24.1	12.8	1.9	24.5	13.2	2.0	24.9	13.6	2.0	25.2	14.0	2.0	25.6	14.4	2.1
	86.0	60.8	22.4	13.5	1.9	22.8	13.9	1.9	23.1	14.3	1.9	23.4	14.7	2.0	23.8	15.1	2.0		
		66.2	24.4	13.7	1.9	24.7	14.1	2.0	25.1	14.5	2.0	25.5	14.9	2.0	25.9	15.3	2.1		
		73.4	25.6	11.2	2.0	26.0	11.5	2.0	26.4	11.9	2.0	26.8	12.2	2.1	27.1	12.6	2.1		
	89.6	60.8	23.6	14.6	1.9	23.9	15.0	1.9	24.3	15.4	2.0	24.7	15.9	2.0	25.0	16.3	2.0		
		66.2	25.1	15.4	1.9	25.5	15.8	2.0	25.8	16.3	2.0	26.2	16.7	2.0	26.6	17.2	2.1		
		73.4	27.8	15.0	2.0	28.2	15.4	2.0	28.6	15.9	2.1	29.0	16.3	2.1	29.5	16.8	2.1		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																		
				41			50			59			64.4			69.8			77			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	1354	64.4	48.2	17.7	8.6	1.6	18.0	8.9	1.6	18.2	9.1	1.6	18.7	9.5	1.7	20.0	10.7	1.8	23.2	13.2	2.0	
			53.6	18.4	5.6	1.6	18.7	5.8	1.7	18.9	5.9	1.7	19.4	6.2	1.8	20.7	7.0	1.9	24.1	8.6	2.0	
			59.0	22.2	5.8	1.8	22.5	6.0	1.8	22.8	6.1	1.9	23.4	6.4	1.9	25.0	7.2	2.1	29.0	8.9	2.2	
		69.8	53.6	22.1	13.1	1.9	22.4	13.5	1.9	22.7	13.8	1.9	23.3	14.4	2.0	24.9	16.3	2.2	28.9	20.0	2.4	
			59.0	22.6	10.7	1.9	22.9	11.0	2.0	23.2	11.3	2.0	23.9	11.8	2.1	25.5	13.3	2.2	29.6	16.4	2.4	
			66.2	26.3	8.5	2.1	26.6	8.7	2.1	27.0	8.9	2.1	27.8	9.3	2.2	29.6	10.5	2.4	34.4	13.0	2.6	
		75.2	60.8	23.6	13.4	1.9	23.9	13.8	2.0	24.3	14.2	2.0	24.9	14.8	2.1	26.6	16.7	2.2	30.9	20.6	2.4	
			66.2	26.8	13.1	2.1	27.2	13.4	2.1	27.6	13.8	2.2	28.3	14.3	2.3	30.2	16.2	2.4	35.1	20.0	2.6	
			73.4	26.3	6.1	2.2	26.7	6.3	2.2	27.0	6.5	2.2	27.8	6.7	2.4	29.6	7.6	2.5	34.4	9.4	2.7	
		80.6	60.8	24.6	16.8	2.0	25.0	17.2	2.1	25.3	17.7	2.1	26.0	18.4	2.2	27.8	20.9	2.4	32.3	25.7	2.6	
			66.2	27.4	16.7	2.1	27.8	17.1	2.1	28.1	17.6	2.2	28.9	18.3	2.3	30.8	20.7	2.5	35.9	25.5	2.6	
			73.4	29.0	11.3	2.2	29.4	11.6	2.2	29.8	11.9	2.2	30.7	12.4	2.3	32.7	14.1	2.5	38.0	17.3	2.7	
		84.2	66.2	27.9	17.8	2.1	28.3	18.3	2.2	28.7	18.8	2.2	29.5	19.6	2.3	31.5	22.2	2.5	36.6	27.3	2.7	
			60.8	25.9	18.7	2.1	26.3	19.3	2.1	26.7	19.8	2.1	27.4	20.6	2.2	29.2	23.3	2.4	34.0	28.7	2.6	
			66.2	28.2	19.0	2.1	28.6	19.6	2.2	29.0	20.1	2.2	29.8	20.9	2.3	31.8	23.7	2.5	36.9	29.1	2.7	
		86.0	73.4	29.6	15.6	2.2	30.0	16.0	2.2	30.4	16.4	2.2	31.3	17.1	2.4	33.4	19.4	2.5	38.8	23.9	2.7	
			60.8	27.3	20.3	2.1	27.7	20.8	2.1	28.0	21.4	2.2	28.8	22.3	2.3	30.7	25.2	2.5	35.7	31.0	2.6	
			66.2	29.0	21.4	2.2	29.4	21.9	2.2	29.8	22.5	2.2	30.7	23.4	2.3	32.7	26.6	2.5	38.0	32.7	2.7	
		89.6	73.4	29.9	19.4	2.2	30.3	19.9	2.2	30.7	20.4	2.2	31.6	21.2	2.4	33.7	24.1	2.5	39.1	29.6	2.7	
			64.4	48.2	17.4	7.9	1.5	17.6	8.1	1.6	17.9	8.3	1.6	18.4	8.6	1.7	19.6	9.8	1.8	22.8	12.0	1.9
				53.6	18.0	5.1	1.6	18.3	5.3	1.6	18.5	5.4	1.7	19.1	5.6	1.8	20.3	6.4	1.9	23.6	7.9	2.0
		59.0		21.7	5.3	1.8	22.0	5.4	1.8	22.3	5.6	1.8	23.0	5.8	1.9	24.5	6.6	2.1	28.5	8.1	2.2	
		69.8	53.6	21.6	11.9	1.9	21.9	12.3	1.9	22.2	12.6	1.9	22.9	13.1	2.0	24.4	14.8	2.2	28.3	18.3	2.3	
			59.0	22.1	9.8	1.9	22.5	10.0	1.9	22.8	10.3	2.0	23.4	10.7	2.1	25.0	12.1	2.2	29.0	14.9	2.4	
66.2	25.8		7.7	2.0	26.1	7.9	2.1	26.5	8.1	2.1	27.2	8.5	2.2	29.0	9.6	2.4	33.7	11.8	2.6			
75.2	60.8	23.1	12.3	1.9	23.5	12.6	1.9	23.8	12.9	2.0	24.4	13.4	2.1	26.1	15.2	2.2	30.3	18.8	2.4			
	66.2	26.3	11.9	2.1	26.7	12.2	2.1	27.0	12.6	2.1	27.8	13.1	2.2	29.6	14.8	2.4	34.4	18.2	2.6			
	73.4	25.8	5.6	2.2	26.1	5.7	2.2	26.5	5.9	2.2	27.2	6.1	2.3	29.0	7.0	2.5	33.7	8.6	2.7			
80.6	60.8	24.1	15.3	2.0	24.5	15.7	2.1	24.8	16.1	2.1	25.5	16.8	2.2	27.2	19.0	2.4	31.6	23.4	2.5			
	66.2	26.8	15.2	2.1	27.2	15.6	2.1	27.6	16.0	2.2	28.3	16.7	2.3	30.2	18.9	2.4	35.1	23.2	2.6			
	73.4	28.4	10.3	2.1	28.8	10.6	2.2	29.2	10.9	2.2	30.0	11.3	2.3	32.0	12.8	2.5	37.2	15.8	2.7			
84.2	66.2	27.4	16.3	2.1	27.7	16.7	2.1	28.1	17.1	2.2	28.9	17.8	2.3	30.8	20.2	2.5	35.8	24.9	2.6			
	60.8	25.4	17.1	2.0	25.8	17.5	2.1	26.1	18.0	2.1	26.9	18.7	2.2	28.6	21.2	2.4	33.3	26.2	2.6			
	66.2	27.6	17.4	2.1	28.0	17.8	2.1	28.4	18.3	2.2	29.2	19.0	2.3	31.1	21.6	2.5	36.2	26.6	2.6			
86.0	73.4	29.0	14.2	2.2	29.4	14.6	2.2	29.8	15.0	2.2	30.6	15.6	2.3	32.7	17.7	2.5	38.0	21.8	2.7			
	60.8	26.7	18.5	2.1	27.1	19.0	2.1	27.5	19.5	2.2	28.2	20.3	2.3	30.1	23.0	2.4	35.0	28.3	2.6			
	66.2	28.4	19.5	2.1	28.8	20.0	2.2	29.2	20.5	2.2	30.0	21.4	2.3	32.0	24.2	2.5	37.2	29.8	2.7			
89.6	73.4	29.9	18.0	2.2	30.3	18.5	2.2	30.7	19.0	2.2	31.6	19.8	2.4	33.7	22.4	2.5	39.1	27.6	2.7			
	64.4	48.2	16.5	7.1	1.5	16.7	7.3	1.6	17.0	7.5	1.6	17.4	7.8	1.7	18.6	8.9	1.8	21.6	10.9	1.9		
		53.6	17.1	4.7	1.6	17.4	4.8	1.6	17.6	4.9	1.7	18.1	5.1	1.7	19.3	5.8	1.9	22.4	7.1	2.0		
59.0		20.6	4.8	1.8	20.9	4.9	1.8	21.2	5.1	1.8	21.8	5.3	1.9	23.2	6.0	2.1	27.0	7.3	2.2			
69.8	53.6	20.5	10.8	1.8	20.8	11.1	1.9	21.1	11.4	1.9	21.7	11.9	2.0	23.1	13.5	2.2	26.9	16.6	2.3			
	59.0	21.0	8.9	1.9	21.3	9.1	1.9	21.6	9.4	1.9	22.2	9.7	2.0	23.7	11.0	2.2	27.5	13.6	2.4			
	66.2	24.4	7.0	2.0	24.8	7.2	2.1	25.1	7.4	2.1	25.8	7.7	2.2	27.5	8.7	2.4	32.0	10.7	2.5			
75.2	60.8	22.0	11.1	1.9	22.3	11.4	1.9	22.6	11.7	1.9	23.2	12.2	2.0	24.7	13.8	2.2	28.8	17.0	2.4			
	66.2	24.9	10.8	2.0	25.3	11.1	2.1	25.7	11.4	2.1	26.4	11.9	2.2	28.1	13.4	2.4	32.7	16.5	2.6			
	73.4	24.5	5.1	2.1	24.8	5.2	2.2	25.1	5.4	2.2	25.8	5.6	2.3	27.5	6.3	2.5	32.0	7.8	2.7			
80.6	60.8	22.9	13.9	2.0	23.2	14.3	2.0	23.6	14.7	2.1	24.2	15.2	2.2	25.8	17.3	2.3	30.0	21.3	2.5			
	66.2	25.5	13.8	2.1	25.8	14.2	2.1	26.2	14.5	2.1	26.9	15.1	2.2	28.7	17.1	2.4	33.3	21.1	2.6			
	73.4	27.0	9.4	2.1	27.4	9.6	2.1	27.7	9.9	2.2	28.5	10.3	2.3	30.4	11.6	2.5	35.3	14.3	2.6			
84.2	66.2	26.0	14.8	2.1	26.3	15.2	2.1	26.7	15.6	2.2	27.4	16.2	2.3	29.3	18.4	2.4	34.0	22.6	2.6			
	60.8	24.1	15.5	2.0	24.5	15.9	2.1	24.8	16.4	2.1	25.5	17.0	2.2	27.2	19.3	2.4	31.6	23.7	2.5			
	66.2	26.2	15.8	2.1	26.6	16.2	2.1	27.0	16.6	2.2	27.7	17.3	2.3	29.5	19.6	2.4	34.3	24.1	2.6			
86.0	73.4	27.5	12.9	2.1	27.9	13.3	2.2	28.3	13.6	2.2	29.1	14.2	2.3	31.0	16.1	2.5	36.1	19.8	2.7			
	60.8	25.4	16.8	2.1	25.7	17.2	2.1	26.1	17.7	2.1	26.8	18.4	2.2	28.6	20.9	2.4	33.2	25.7	2.6			
	66.2	27.0	17.7	2.1	27.4	18.2	2.1	27.7	18.6	2.2	28.5	19.4	2.3	30.4	22.0	2.5	35.3	27.1	2.6			
89.6	73.4	29.9	17.2	2.2	30.3	17.7	2.2	30.7	18.2	2.2	31.6	18.9	2.4	33.7	21.4	2.5	39.1	26.4	2.7			

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																			
				86			95			102.2			109.4			114.8			118.4				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1354	64.4	48.2	24.2	14.5	2.2	25.0	15.8	2.6	24.5	15.6	2.8	20.0	13.0	2.3	18.7	12.4	2.2	17.5	11.8	2.3		
			53.6	25.1	9.5	2.3	25.9	10.3	2.7	25.4	10.2	3.0	20.7	8.5	2.5	19.4	8.1	2.3	18.1	7.7	2.4		
			59.0	30.3	9.8	2.5	31.2	10.6	3.0	30.6	10.5	3.3	25.0	8.7	2.7	23.4	8.4	2.5	21.9	7.9	2.6		
		69.8	53.6	30.2	22.1	2.7	31.1	24.0	3.1	30.5	23.7	3.4	24.9	19.7	2.8	23.3	18.9	2.7	21.8	17.9	2.7		
			59.0	30.9	18.1	2.7	31.8	19.6	3.2	31.2	19.4	3.5	25.5	16.1	2.9	23.9	15.4	2.7	22.3	14.7	2.8		
			66.2	35.9	14.3	2.9	37.0	15.5	3.4	36.3	15.3	3.8	29.6	12.8	3.1	27.8	12.2	2.9	25.9	11.6	3.0		
		75.2	60.8	32.3	22.7	2.7	33.3	24.6	3.2	32.6	24.3	3.5	26.6	20.3	2.9	24.9	19.4	2.7	23.3	18.4	2.8		
			66.2	36.7	22.0	3.0	37.8	23.9	3.5	37.0	23.6	3.8	30.2	19.7	3.1	28.3	18.8	3.0	26.4	17.9	3.0		
			73.4	35.9	10.4	3.1	37.0	11.2	3.6	36.3	11.1	4.0	29.6	9.3	3.3	27.8	8.8	3.1	25.9	8.4	3.2		
		80.6	60.8	33.7	28.3	2.9	34.7	30.7	3.4	34.0	30.4	3.7	27.8	25.3	3.1	26.0	24.2	2.9	24.3	23.0	3.0		
			66.2	37.4	28.1	3.0	38.6	30.5	3.5	37.8	30.1	3.8	30.8	25.1	3.2	28.9	24.0	3.0	27.0	22.8	3.1		
			73.4	39.6	19.0	3.1	40.9	20.7	3.6	40.1	20.5	3.9	32.7	17.0	3.2	30.7	16.3	3.1	28.6	15.5	3.1		
		84.2	66.2	38.1	30.1	3.0	39.3	32.6	3.6	38.5	32.3	3.9	31.5	26.9	3.2	29.5	25.7	3.0	27.5	24.4	3.1		
			60.8	35.4	31.6	2.9	36.5	34.3	3.4	35.8	33.9	3.8	29.2	28.2	3.1	27.4	27.0	2.9	25.6	25.7	3.0		
			66.2	38.5	32.1	3.0	39.7	34.8	3.6	38.9	34.5	3.9	31.8	28.7	3.2	29.8	27.4	3.0	27.8	26.1	3.1		
		86.0	73.4	40.4	26.3	3.1	41.7	28.5	3.6	40.9	28.2	4.0	33.4	23.5	3.3	31.3	22.5	3.1	29.2	21.4	3.2		
			60.8	37.3	34.2	3.0	38.4	37.1	3.5	37.6	36.7	3.8	30.7	30.6	3.2	28.8	29.2	3.0	26.9	27.8	3.1		
			66.2	39.6	36.0	3.1	40.9	39.1	3.6	40.1	38.7	3.9	32.7	32.2	3.2	30.7	30.8	3.1	28.6	29.3	3.1		
		89.6	73.4	40.8	32.6	3.1	42.1	35.4	3.6	41.3	35.0	4.0	33.7	29.2	3.3	31.6	27.9	3.1	29.5	26.5	3.2		
			48.2	23.7	13.3	2.2	24.5	14.4	2.6	24.0	14.2	2.8	19.6	11.9	2.3	18.4	11.3	2.2	17.1	10.8	2.2		
			53.6	24.6	8.7	2.3	25.4	9.4	2.7	24.9	9.3	2.9	20.3	7.7	2.4	19.1	7.4	2.3	17.8	7.0	2.3		
Medium	1236	64.4	59.0	29.7	8.9	2.5	30.6	9.7	3.0	30.0	9.6	3.2	24.5	8.0	2.7	23.0	7.6	2.5	21.4	7.2	2.6		
			53.6	29.6	20.1	2.6	30.5	21.8	3.1	29.9	21.6	3.4	24.4	18.0	2.8	22.9	17.2	2.6	21.3	16.4	2.7		
			59.0	30.3	16.5	2.7	31.2	17.9	3.2	30.6	17.7	3.5	25.0	14.7	2.9	23.4	14.1	2.7	21.8	13.4	2.8		
		69.8	66.2	35.2	13.0	2.9	36.3	14.1	3.4	35.5	14.0	3.7	29.0	11.6	3.1	27.2	11.1	2.9	25.4	10.6	3.0		
			60.8	31.6	20.6	2.7	32.6	22.4	3.2	31.9	22.2	3.5	26.1	18.5	2.9	24.4	17.6	2.7	22.8	16.8	2.8		
			66.2	35.9	20.1	2.9	37.0	21.8	3.4	36.3	21.5	3.8	29.6	17.9	3.1	27.8	17.1	2.9	25.9	16.3	3.0		
		75.2	73.4	35.2	9.4	3.0	36.3	10.2	3.6	35.6	10.1	3.9	29.0	8.4	3.2	27.2	8.1	3.0	25.4	7.7	3.1		
			60.8	33.0	25.8	2.9	34.0	28.0	3.4	33.3	27.7	3.7	27.2	23.1	3.0	25.5	22.0	2.9	23.8	21.0	2.9		
			66.2	36.7	25.6	3.0	37.8	27.8	3.5	37.0	27.5	3.8	30.2	22.9	3.1	28.3	21.9	3.0	26.4	20.8	3.0		
		80.6	73.4	38.9	17.4	3.0	40.1	18.8	3.6	39.3	18.6	3.9	32.0	15.5	3.2	30.0	14.8	3.0	28.0	14.1	3.1		
			66.2	37.4	27.4	3.0	38.5	29.7	3.5	37.8	29.4	3.8	30.8	24.5	3.2	28.9	23.4	3.0	27.0	22.3	3.1		
			60.8	34.7	28.8	2.9	35.8	31.2	3.4	35.1	30.9	3.7	28.6	25.7	3.1	26.9	24.6	2.9	25.1	23.4	3.0		
		86.0	66.2	37.8	29.2	3.0	38.9	31.7	3.5	38.1	31.4	3.8	31.1	26.2	3.2	29.2	25.0	3.0	27.2	23.8	3.1		
			73.4	39.6	24.0	3.1	40.9	26.0	3.6	40.0	25.7	3.9	32.7	21.4	3.2	30.6	20.5	3.1	28.6	19.5	3.1		
			60.8	36.5	31.2	3.0	37.6	33.8	3.5	36.9	33.5	3.8	30.1	27.9	3.1	28.2	26.6	3.0	26.4	25.3	3.0		
		89.6	66.2	38.9	32.8	3.0	40.1	35.6	3.6	39.3	35.2	3.9	32.0	29.3	3.2	30.0	28.0	3.0	28.0	26.7	3.1		
			73.4	40.8	30.3	3.1	42.1	32.9	3.6	41.3	32.6	4.0	33.7	27.1	3.3	31.6	25.9	3.1	29.5	24.7	3.2		
			48.2	22.5	12.0	2.2	23.2	13.1	2.6	22.8	12.9	2.8	18.6	10.8	2.3	17.4	10.3	2.2	16.3	9.8	2.2		
		Low	1118	64.4	53.6	23.4	7.9	2.3	24.1	8.5	2.7	23.6	8.4	2.9	19.3	7.0	2.4	18.1	6.7	2.3	16.9	6.4	2.3
					59.0	28.2	8.1	2.5	29.0	8.8	2.9	28.5	8.7	3.2	23.2	7.2	2.6	21.8	6.9	2.5	20.3	6.6	2.6
					53.6	28.0	18.3	2.6	28.9	19.8	3.1	28.3	19.6	3.4	23.1	16.3	2.8	21.7	15.6	2.6	20.2	14.8	2.7
69.8	59.0			28.7	14.9	2.7	29.6	16.2	3.1	29.0	16.1	3.4	23.7	13.4	2.8	22.2	12.8	2.7	20.7	12.1	2.7		
	66.2			33.4	11.8	2.9	34.4	12.8	3.4	33.7	12.7	3.7	27.5	10.6	3.0	25.8	10.1	2.9	24.1	9.6	2.9		
	60.8			30.0	18.8	2.7	30.9	20.4	3.1	30.3	20.1	3.4	24.7	16.8	2.8	23.2	16.0	2.7	21.6	15.2	2.7		
75.2	66.2			34.1	18.2	2.9	35.1	19.8	3.4	34.4	19.6	3.7	28.1	16.3	3.1	26.4	15.6	2.9	24.6	14.8	3.0		
	73.4			33.4	8.6	3.0	34.4	9.3	3.6	33.7	9.2	3.9	27.5	7.7	3.2	25.8	7.3	3.0	24.1	7.0	3.1		
	60.8			31.3	23.4	2.8	32.3	25.4	3.3	31.6	25.2	3.6	25.8	20.9	3.0	24.2	20.0	2.8	22.6	19.0	2.9		
80.6	66.2			34.8	23.2	2.9	35.9	25.2	3.4	35.1	25.0	3.8	28.7	20.8	3.1	26.9	19.9	2.9	25.1	18.9	3.0		
	73.4			36.9	15.8	3.0	38.0	17.1	3.5	37.2	16.9	3.8	30.4	14.1	3.2	28.5	13.5	3.0	26.6	12.8	3.1		
	66.2			35.5	24.9	3.0	36.6	27.0	3.5	35.8	26.7	3.8	29.3	22.2	3.1	27.4	21.3	3.0	25.6	20.2	3.0		
84.2	60.8			33.0	26.1	2.9	34.0	28.4	3.4	33.3	28.1	3.7	27.2	23.4	3.0	25.5	22.3	2.9	23.8	21.3	2.9		
	66.2			35.8	26.6	3.0	36.9	28.8	3.5	36.2	28.5	3.8	29.5	23.8	3.1	27.7	22.7	3.0	25.9	21.6	3.0		
	73.4			37.6	21.8	3.0	38.8	23.6	3.6	38.0	23.4	3.9	31.0	19.5	3.2	29.1	18.6	3.0	27.1	17.7	3.1		
89.6	60.8			34.7	28.3	2.9	35.7	30.7	3.4	35.0	30.4	3.8	28.6	25.3	3.1	26.8	24.2	2.9	25.0	23.0	3.0		
	66.2			36.9	29.8	3.0	38.0	32.3	3.5	37.2	32.0	3.8	30.4	26.6	3.2	28.5	25.5	3.0	26.6	24.2	3.1		
	73.4			40.8	29.0	3.1	42.1	31.5	3.6	41.3	31.2	4.0	33.7	26.0	3.3	31.6	24.8	3.1	29.5	23.6	3.2		

Outdoor Unit:GUHD60NM3C1O Indoor Unit:GTH60K3CI

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																
				5			14			19.4			23			32				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1354	64.4	48.2	23.3	10.6	2.0	23.7	10.9	2.1	24.1	11.2	2.1	24.4	11.6	2.1	24.8	11.9	2.2		
			53.6	24.2	6.9	2.1	24.6	7.1	2.2	25.0	7.3	2.2	25.3	7.5	2.2	25.7	7.8	2.3		
			59.0	29.2	7.1	2.3	29.6	7.3	2.4	30.1	7.6	2.4	30.5	7.8	2.5	31.0	8.0	2.5		
		69.8	53.6	29.1	16.1	2.4	29.5	16.6	2.5	29.9	17.1	2.5	30.4	17.6	2.6	30.8	18.0	2.6		
			59.0	29.7	13.2	2.5	30.2	13.6	2.5	30.6	14.0	2.6	31.1	14.4	2.6	31.5	14.8	2.7		
			66.2	34.6	10.4	2.7	35.1	10.7	2.7	35.6	11.0	2.8	36.2	11.4	2.8	36.7	11.7	2.9		
		75.2	60.8	31.1	16.5	2.5	31.5	17.0	2.5	32.0	17.5	2.6	32.5	18.0	2.6	33.0	18.5	2.7		
			66.2	35.3	16.1	2.7	35.8	16.5	2.8	36.4	17.0	2.8	36.9	17.5	2.9	37.5	18.0	2.9		
			73.4	34.6	7.6	2.8	35.1	7.8	2.9	35.7	8.0	2.9	36.2	8.2	3.0	36.7	8.5	3.0		
		80.6	60.8	32.4	20.7	2.7	32.9	21.3	2.7	33.4	21.9	2.8	33.9	22.5	2.8	34.4	23.1	2.9		
			66.2	36.0	20.5	2.7	36.6	21.1	2.8	37.1	21.7	2.8	37.7	22.3	2.9	38.2	22.9	2.9		
			73.4	38.2	13.9	2.8	38.8	14.3	2.8	39.3	14.7	2.9	39.9	15.1	2.9	40.5	15.6	3.0		
		84.2	66.2	36.8	21.9	2.8	37.3	22.6	2.8	37.9	23.2	2.9	38.4	23.9	2.9	39.0	24.6	3.0		
			60.8	34.1	23.1	2.7	34.7	23.7	2.7	35.2	24.4	2.8	35.7	25.1	2.8	36.2	25.8	2.9		
			66.2	37.1	23.4	2.8	37.7	24.1	2.8	38.2	24.8	2.9	38.8	25.5	2.9	39.4	26.2	3.0		
		86.0	73.4	39.0	19.2	2.8	39.6	19.8	2.9	40.1	20.3	2.9	40.7	20.9	3.0	41.3	21.5	3.0		
			60.8	35.9	25.0	2.7	36.4	25.7	2.8	37.0	26.4	2.8	37.5	27.2	2.9	38.1	27.9	2.9		
			66.2	38.2	26.3	2.8	38.8	27.1	2.8	39.3	27.8	2.9	39.9	28.6	2.9	40.5	29.4	3.0		
		89.6	73.4	39.3	23.8	2.8	39.9	24.5	2.9	40.5	25.2	2.9	41.1	25.9	3.0	41.7	26.7	3.0		
			48.2	22.9	9.7	2.0	23.2	10.0	2.0	23.6	10.3	2.1	23.9	10.5	2.1	24.3	10.8	2.2		
			53.6	23.7	6.3	2.1	24.1	6.5	2.1	24.5	6.7	2.2	24.8	6.9	2.2	25.2	7.1	2.2		
		Medium	1236	64.4	53.6	28.5	14.7	2.4	28.9	15.1	2.5	29.3	15.6	2.5	29.8	16.0	2.6	30.2	16.4	2.6
					59.0	29.2	12.0	2.5	29.6	12.4	2.5	30.0	12.7	2.6	30.5	13.1	2.6	30.9	13.5	2.7
					66.2	33.9	9.5	2.7	34.4	9.8	2.7	34.9	10.1	2.8	35.4	10.3	2.8	36.0	10.6	2.9
69.8	60.8			30.5	15.1	2.5	30.9	15.5	2.5	31.4	16.0	2.6	31.8	16.4	2.6	32.3	16.9	2.6		
	66.2			34.6	14.6	2.7	35.1	15.1	2.7	35.7	15.5	2.8	36.2	15.9	2.8	36.7	16.4	2.9		
	73.4			33.9	6.9	2.8	34.4	7.1	2.8	34.9	7.3	2.9	35.5	7.5	2.9	36.0	7.7	3.0		
75.2	60.8			31.8	18.8	2.6	32.3	19.4	2.7	32.7	19.9	2.7	33.2	20.5	2.8	33.7	21.1	2.8		
	66.2			35.3	18.7	2.7	35.8	19.2	2.8	36.4	19.8	2.8	36.9	20.3	2.9	37.5	20.9	2.9		
	73.4			37.4	12.7	2.8	38.0	13.0	2.8	38.6	13.4	2.9	39.1	13.8	2.9	39.7	14.2	3.0		
80.6	66.2			36.0	20.0	2.7	36.6	20.6	2.8	37.1	21.2	2.8	37.7	21.8	2.9	38.2	22.4	2.9		
	60.8			33.5	21.0	2.7	34.0	21.6	2.7	34.5	22.3	2.8	35.0	22.9	2.8	35.5	23.5	2.8		
	66.2			36.4	21.4	2.7	36.9	22.0	2.8	37.5	22.6	2.8	38.0	23.3	2.9	38.6	23.9	2.9		
84.2	73.4			38.2	17.5	2.8	38.8	18.0	2.8	39.3	18.5	2.9	39.9	19.0	2.9	40.5	19.6	3.0		
	60.8			35.2	22.7	2.7	35.7	23.4	2.8	36.2	24.1	2.8	36.8	24.8	2.9	37.3	25.5	2.9		
	66.2			37.4	24.0	2.8	38.0	24.7	2.8	38.6	25.4	2.9	39.1	26.1	2.9	39.7	26.8	3.0		
86.0	73.4			39.3	22.2	2.8	39.9	22.8	2.9	40.5	23.5	2.9	41.1	24.1	3.0	41.7	24.8	3.0		
	48.2			21.7	8.8	2.0	22.0	9.0	2.0	22.4	9.3	2.1	22.7	9.6	2.1	23.0	9.8	2.1		
	53.6			22.5	5.7	2.1	22.9	5.9	2.1	23.2	6.1	2.2	23.6	6.2	2.2	23.9	6.4	2.2		
Low	1118			64.4	59.0	27.1	5.9	2.3	27.6	6.1	2.3	28.0	6.3	2.4	28.4	6.4	2.4	28.8	6.6	2.4
					53.6	27.0	13.3	2.4	27.4	13.7	2.4	27.8	14.1	2.5	28.2	14.5	2.5	28.7	14.9	2.6
					69.8	59.0	27.7	10.9	2.4	28.1	11.2	2.5	28.5	11.6	2.5	28.9	11.9	2.6	29.3	12.2
				69.8	66.2	32.2	8.6	2.6	32.7	8.9	2.7	33.1	9.1	2.7	33.6	9.4	2.8	34.1	9.7	2.8
					60.8	28.9	13.7	2.4	29.3	14.1	2.5	29.8	14.5	2.5	30.2	14.9	2.6	30.6	15.3	2.6
					66.2	32.8	13.3	2.7	33.3	13.7	2.7	33.8	14.1	2.8	34.3	14.5	2.8	34.8	14.9	2.9
		75.2	73.4	32.2	6.3	2.8	32.7	6.4	2.8	33.2	6.6	2.9	33.6	6.8	2.9	34.1	7.0	3.0		
			60.8	30.2	17.1	2.6	30.6	17.6	2.7	31.1	18.1	2.7	31.5	18.6	2.7	32.0	19.1	2.8		
			66.2	33.5	17.0	2.7	34.0	17.5	2.7	34.5	18.0	2.8	35.0	18.5	2.8	35.5	19.0	2.9		
		80.6	73.4	35.5	11.5	2.7	36.1	11.8	2.8	36.6	12.2	2.8	37.1	12.5	2.9	37.7	12.9	2.9		
			66.2	34.2	18.2	2.7	34.7	18.7	2.8	35.2	19.2	2.8	35.7	19.8	2.9	36.3	20.3	2.9		
			60.8	31.8	19.1	2.6	32.2	19.6	2.7	32.7	20.2	2.7	33.2	20.8	2.8	33.7	21.4	2.8		
		84.2	66.2	34.5	19.4	2.7	35.0	20.0	2.8	35.6	20.5	2.8	36.1	21.1	2.9	36.6	21.7	2.9		
			73.4	36.2	15.9	2.8	36.8	16.3	2.8	37.3	16.8	2.9	37.9	17.3	2.9	38.4	17.8	3.0		
			60.8	33.4	20.7	2.7	33.9	21.3	2.7	34.4	21.9	2.8	34.9	22.5	2.8	35.4	23.1	2.9		
		86.0	66.2	35.5	21.8	2.7	36.1	22.4	2.8	36.6	23.0	2.8	37.1	23.7	2.9	37.7	24.4	2.9		
			73.4	39.3	21.2	2.8	39.9	21.8	2.9	40.5	22.5	2.9	41.1	23.1	3.0	41.7	23.7	3.0		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																		
				41			50			59			64.4			69.8			77			
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	
High	1354	64.4	48.2	25.1	12.2	2.2	25.5	12.6	2.2	25.8	12.9	2.3	26.5	13.4	2.4	28.3	15.2	2.6	32.9	18.7	2.8	
			53.6	26.1	8.0	2.3	26.4	8.2	2.3	26.8	8.4	2.4	27.5	8.8	2.5	29.4	9.9	2.7	34.1	12.2	2.9	
			59.0	31.4	8.2	2.5	31.8	8.4	2.6	32.3	8.7	2.6	33.2	9.0	2.8	35.4	10.2	3.0	41.1	12.6	3.2	
		69.8	53.6	31.3	18.5	2.7	31.7	19.0	2.7	32.1	19.6	2.8	33.0	20.3	2.9	35.2	23.1	3.1	40.9	28.4	3.3	
			59.0	32.0	15.2	2.7	32.5	15.6	2.8	32.9	16.0	2.8	33.8	16.6	3.0	36.1	18.9	3.2	41.9	23.2	3.4	
			66.2	37.2	12.0	2.9	37.7	12.3	3.0	38.3	12.7	3.0	39.3	13.2	3.2	41.9	14.9	3.4	48.7	18.4	3.7	
		75.2	60.8	33.4	19.0	2.7	33.9	19.6	2.8	34.4	20.1	2.8	35.3	20.9	2.9	37.7	23.7	3.2	43.8	29.1	3.4	
			66.2	38.0	18.5	3.0	38.5	19.0	3.0	39.1	19.5	3.1	40.1	20.3	3.2	42.8	23.0	3.5	49.8	28.3	3.7	
			73.4	37.2	8.7	3.1	37.7	8.9	3.1	38.3	9.2	3.2	39.3	9.5	3.3	41.9	10.8	3.6	48.8	13.3	3.8	
		80.6	60.8	34.9	23.8	2.9	35.4	24.4	2.9	35.9	25.1	3.0	36.8	26.1	3.1	39.3	29.6	3.4	45.7	36.4	3.6	
			66.2	38.8	23.6	3.0	39.3	24.2	3.0	39.9	24.9	3.1	40.9	25.9	3.2	43.7	29.3	3.5	50.8	36.1	3.7	
			73.4	41.1	16.0	3.0	41.7	16.4	3.1	42.2	16.9	3.1	43.4	17.6	3.3	46.3	19.9	3.6	53.8	24.5	3.8	
	84.2	66.2	39.5	25.3	3.0	40.1	25.9	3.1	40.6	26.6	3.1	41.8	27.7	3.3	44.5	31.4	3.5	51.8	38.7	3.8		
		60.8	36.7	26.5	2.9	37.2	27.3	3.0	37.8	28.0	3.0	38.8	29.1	3.2	41.4	33.0	3.4	48.1	40.6	3.7		
		66.2	39.9	27.0	3.0	40.5	27.7	3.1	41.0	28.4	3.1	42.2	29.6	3.3	45.0	33.5	3.5	52.3	41.3	3.8		
	86.0	73.4	41.9	22.1	3.1	42.5	22.7	3.1	43.1	23.3	3.2	44.3	24.2	3.3	47.2	27.5	3.6	54.9	33.8	3.8		
		60.8	38.6	28.7	3.0	39.2	29.5	3.0	39.7	30.3	3.1	40.8	31.5	3.2	43.5	35.7	3.5	50.6	44.0	3.7		
		66.2	41.1	30.2	3.0	41.7	31.1	3.1	42.2	31.9	3.1	43.4	33.2	3.3	46.3	37.6	3.6	53.8	46.3	3.8		
	89.6	73.4	42.3	27.4	3.1	42.9	28.2	3.1	43.5	28.9	3.2	44.7	30.1	3.3	47.7	34.1	3.6	55.4	42.0	3.8		
		48.2	24.6	11.1	2.2	25.0	11.4	2.2	25.3	11.7	2.3	26.0	12.2	2.4	27.7	13.9	2.6	32.2	17.1	2.7		
		53.6	25.5	7.3	2.3	25.9	7.5	2.3	26.3	7.7	2.4	27.0	8.0	2.5	28.8	9.0	2.7	33.5	11.1	2.9		
	Medium	1236	64.4	59.0	30.8	7.5	2.5	31.2	7.7	2.6	31.6	7.9	2.6	32.5	8.2	2.7	34.7	9.3	2.9	40.3	11.5	3.1
				53.6	30.6	16.9	2.6	31.1	17.4	2.7	31.5	17.8	2.7	32.4	18.5	2.9	34.5	21.0	3.1	40.1	25.9	3.3
				59.0	31.4	13.8	2.7	31.8	14.2	2.7	32.2	14.6	2.8	33.1	15.2	2.9	35.3	17.2	3.1	41.1	21.2	3.4
69.8			66.2	36.5	10.9	2.9	37.0	11.2	2.9	37.5	11.5	3.0	38.5	12.0	3.1	41.1	13.6	3.4	47.8	16.7	3.6	
			60.8	32.8	17.3	2.7	33.2	17.8	2.7	33.7	18.3	2.8	34.6	19.0	2.9	36.9	21.6	3.1	42.9	26.6	3.4	
			66.2	37.2	16.8	2.9	37.7	17.3	3.0	38.3	17.8	3.0	39.3	18.5	3.2	41.9	21.0	3.4	48.8	25.8	3.7	
75.2			73.4	36.5	7.9	3.0	37.0	8.1	3.1	37.5	8.4	3.1	38.5	8.7	3.3	41.1	9.9	3.6	47.8	12.1	3.8	
			60.8	34.2	21.7	2.9	34.7	22.3	2.9	35.1	22.8	3.0	36.1	23.8	3.1	38.5	26.9	3.3	44.8	33.2	3.6	
			66.2	38.0	21.5	3.0	38.5	22.1	3.0	39.1	22.7	3.1	40.1	23.6	3.2	42.8	26.7	3.5	49.8	32.9	3.7	
80.6			73.4	40.3	14.6	3.0	40.8	15.0	3.1	41.4	15.4	3.1	42.5	16.0	3.3	45.4	18.1	3.5	52.7	22.3	3.8	
			66.2	38.7	23.0	3.0	39.3	23.6	3.0	39.8	24.3	3.1	40.9	25.3	3.2	43.7	28.6	3.5	50.8	35.2	3.7	
			60.8	36.0	24.2	2.9	36.5	24.8	2.9	37.0	25.5	3.0	38.0	26.5	3.1	40.6	30.1	3.4	47.1	37.0	3.6	
86.0		66.2	39.1	24.6	3.0	39.7	25.2	3.0	40.2	25.9	3.1	41.3	27.0	3.2	44.1	30.6	3.5	51.2	37.6	3.7		
		73.4	41.1	20.1	3.0	41.7	20.7	3.1	42.2	21.2	3.1	43.4	22.1	3.3	46.3	25.0	3.6	53.8	30.8	3.8		
		60.8	37.8	26.2	3.0	38.4	26.9	3.0	38.9	27.6	3.1	40.0	28.7	3.2	42.6	32.5	3.4	49.6	40.1	3.7		
89.6		66.2	40.3	27.6	3.0	40.8	28.3	3.1	41.4	29.1	3.1	42.5	30.2	3.3	45.4	34.3	3.5	52.7	42.2	3.8		
		73.4	42.3	25.5	3.1	42.9	26.2	3.1	43.5	26.9	3.2	44.7	28.0	3.3	47.7	31.7	3.6	55.4	39.0	3.8		
		48.2	23.4	10.1	2.2	23.7	10.4	2.2	24.0	10.7	2.2	24.7	11.1	2.3	26.3	12.6	2.5	30.6	15.5	2.7		
Low		1118	64.4	53.6	24.2	6.6	2.3	24.6	6.8	2.3	24.9	7.0	2.3	25.6	7.2	2.5	27.3	8.2	2.6	31.7	10.1	2.8
				59.0	29.2	6.8	2.5	29.6	7.0	2.5	30.0	7.2	2.6	30.8	7.5	2.7	32.9	8.5	2.9	38.2	10.4	3.1
				53.6	29.1	15.3	2.6	29.5	15.8	2.7	29.9	16.2	2.7	30.7	16.8	2.8	32.8	19.1	3.0	38.1	23.5	3.3
			69.8	59.0	29.8	12.6	2.7	30.2	12.9	2.7	30.6	13.2	2.8	31.4	13.8	2.9	33.5	15.6	3.1	39.0	19.2	3.3
				66.2	34.6	9.9	2.9	35.1	10.2	2.9	35.6	10.5	3.0	36.6	10.9	3.1	39.0	12.4	3.3	45.3	15.2	3.6
				60.8	31.1	15.8	2.7	31.5	16.2	2.7	32.0	16.6	2.8	32.8	17.3	2.9	35.0	19.6	3.1	40.7	24.1	3.3
	75.2		66.2	35.3	15.3	2.9	35.8	15.7	2.9	36.3	16.1	3.0	37.3	16.8	3.1	39.8	19.0	3.4	46.3	23.4	3.6	
			73.4	34.6	7.2	3.0	35.1	7.4	3.1	35.6	7.6	3.1	36.6	7.9	3.3	39.0	9.0	3.5	45.3	11.0	3.8	
			60.8	32.4	19.7	2.8	32.9	20.2	2.9	33.4	20.8	2.9	34.3	21.6	3.1	36.6	24.5	3.3	42.5	30.1	3.6	
	80.6		66.2	36.0	19.5	2.9	36.6	20.0	3.0	37.1	20.6	3.0	38.1	21.4	3.2	40.6	24.3	3.4	47.2	29.9	3.7	
			73.4	38.2	13.2	3.0	38.7	13.6	3.0	39.3	14.0	3.1	40.4	14.5	3.2	43.1	16.5	3.5	50.0	20.3	3.7	
			66.2	36.8	20.9	3.0	37.3	21.5	3.0	37.8	22.0	3.1	38.8	22.9	3.2	41.4	26.0	3.5	48.2	32.0	3.7	
	84.2	60.8	34.2	22.0	2.9	34.6	22.6	2.9	35.1	23.2	3.0	36.1	24.1	3.1	38.5	27.3	3.3	44.7	33.6	3.6		
		66.2	37.1	22.3	3.0	37.7	22.9	3.0	38.2	23.5	3.1	39.2	24.5	3.2	41.8	27.8	3.5	48.6	34.2	3.7		
		73.4	39.0	18.3	3.0	39.5	18.8	3.1	40.1	19.3	3.1	41.2	20.1	3.3	43.9	22.7	3.5	51.1	28.0	3.8		
	89.6	60.8	35.9	23.8	2.9	36.4	24.4	3.0	36.9	25.1	3.0	37.9	26.1	3.2	40.5	29.6	3.4	47.0	36.4	3.7		
		66.2	38.2	25.0	3.0	38.7	25.7	3.0	39.3	26.4	3.1	40.4	27.5	3.2	43.1	31.1	3.5	50.0	38.3	3.7		
		73.4	42.3	24.4	3.1	42.9	25.1	3.1	43.5	25.7	3.2	44.7	26.8	3.3	47.7	30.3	3.6	55.4	37.3	3.8		

Fan Speed	AFR	Indoor temperature		Outdoor temperature DB (°F)																			
				86			95			102.2			109.4			114.8			118.4				
		DB(°F)	WB(°F)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
High	1354	64.4	48.2	34.3	20.6	3.1	35.4	22.4	3.7	34.7	22.1	4.0	28.3	18.4	3.3	26.5	17.6	3.1	24.8	16.7	3.2		
			53.6	35.6	13.4	3.3	36.7	14.6	3.9	36.0	14.4	4.2	29.4	12.0	3.5	27.5	11.5	3.3	25.7	10.9	3.4		
			59.0	42.9	13.8	3.6	44.2	15.0	4.2	43.3	14.9	4.6	35.4	12.4	3.8	33.2	11.8	3.6	31.0	11.3	3.7		
		69.8	53.6	42.7	31.3	3.8	44.0	33.9	4.4	43.1	33.6	4.8	35.2	27.9	4.0	33.0	26.7	3.8	30.8	25.4	3.9		
			59.0	43.7	25.6	3.9	45.1	27.7	4.5	44.2	27.5	4.9	36.1	22.9	4.1	33.8	21.8	3.9	31.5	20.8	3.9		
			66.2	50.8	20.2	4.1	52.4	21.9	4.9	51.4	21.7	5.3	41.9	18.1	4.4	39.3	17.3	4.1	36.7	16.4	4.2		
		75.2	60.8	45.7	32.1	3.9	47.1	34.8	4.5	46.1	34.5	4.9	37.7	28.7	4.1	35.3	27.4	3.9	33.0	26.1	3.9		
			66.2	51.9	31.2	4.2	53.5	33.8	4.9	52.4	33.5	5.4	42.8	27.9	4.4	40.1	26.6	4.2	37.5	25.3	4.3		
			73.4	50.9	14.7	4.4	52.4	15.9	5.1	51.4	15.7	5.6	41.9	13.1	4.6	39.3	12.5	4.4	36.7	11.9	4.5		
		80.6	60.8	47.7	40.1	4.1	49.1	43.5	4.8	48.2	43.0	5.3	39.3	35.8	4.3	36.8	34.2	4.1	34.4	32.6	4.2		
			66.2	53.0	39.7	4.2	54.6	43.1	5.0	53.5	42.7	5.4	43.7	35.5	4.5	40.9	34.0	4.2	38.2	32.3	4.3		
			73.4	56.1	27.0	4.3	57.9	29.3	5.1	56.7	29.0	5.5	46.3	24.1	4.6	43.4	23.0	4.3	40.5	21.9	4.4		
		84.2	66.2	54.0	42.6	4.3	55.7	46.2	5.0	54.6	45.7	5.5	44.5	38.1	4.5	41.8	36.4	4.3	39.0	34.6	4.4		
			60.8	50.2	44.7	4.1	51.7	48.5	4.9	50.7	48.0	5.3	41.4	40.0	4.4	38.8	38.2	4.1	36.2	36.4	4.2		
			66.2	54.5	45.4	4.3	56.2	49.3	5.0	55.1	48.8	5.5	45.0	40.6	4.5	42.2	38.8	4.3	39.4	36.9	4.4		
		86.0	73.4	57.3	37.2	4.4	59.0	40.4	5.1	57.9	40.0	5.6	47.2	33.3	4.6	44.3	31.8	4.4	41.3	30.2	4.5		
			60.8	52.8	48.4	4.2	54.4	52.5	5.0	53.3	52.0	5.4	43.5	43.3	4.5	40.8	41.4	4.2	38.1	39.3	4.3		
			66.2	56.1	51.0	4.3	57.9	55.3	5.1	56.7	54.8	5.5	46.3	45.6	4.6	43.4	43.6	4.3	40.5	41.4	4.4		
		89.6	73.4	57.8	46.2	4.4	59.6	50.1	5.1	58.4	49.6	5.6	47.7	41.3	4.6	44.7	39.5	4.4	41.7	37.6	4.5		
			48.2	33.6	18.8	3.1	34.7	20.4	3.6	34.0	20.2	4.0	27.7	16.8	3.3	26.0	16.0	3.1	24.3	15.3	3.2		
			53.6	34.9	12.3	3.2	36.0	13.3	3.8	35.2	13.2	4.2	28.8	11.0	3.4	27.0	10.5	3.2	25.2	10.0	3.3		
Medium	1236	64.4	59.0	42.0	12.6	3.6	43.3	13.7	4.2	42.5	13.6	4.6	34.7	11.3	3.8	32.5	10.8	3.6	30.3	10.3	3.6		
			53.6	41.8	28.5	3.7	43.1	30.9	4.4	42.3	30.6	4.8	34.5	25.5	4.0	32.4	24.3	3.7	30.2	23.2	3.8		
			59.0	42.8	23.3	3.8	44.2	25.3	4.5	43.3	25.0	4.9	35.3	20.8	4.0	33.1	19.9	3.8	30.9	18.9	3.9		
		69.8	66.2	49.8	18.4	4.1	51.4	20.0	4.8	50.3	19.8	5.3	41.1	16.5	4.3	38.5	15.7	4.1	36.0	15.0	4.2		
			60.8	44.8	29.2	3.8	46.1	31.7	4.5	45.2	31.4	4.9	36.9	26.1	4.0	34.6	25.0	3.8	32.3	23.8	3.9		
			66.2	50.9	28.4	4.1	52.4	30.8	4.9	51.4	30.5	5.3	41.9	25.4	4.4	39.3	24.3	4.1	36.7	23.1	4.2		
		75.2	73.4	49.8	13.4	4.3	51.4	14.5	5.1	50.4	14.3	5.5	41.1	11.9	4.6	38.5	11.4	4.3	36.0	10.9	4.4		
			60.8	46.7	36.5	4.1	48.2	39.6	4.8	47.2	39.2	5.2	38.5	32.6	4.3	36.1	31.2	4.1	33.7	29.7	4.2		
			66.2	51.9	36.2	4.2	53.5	39.3	4.9	52.4	38.9	5.4	42.8	32.4	4.4	40.1	31.0	4.2	37.5	29.4	4.3		
		80.6	73.4	55.0	24.6	4.3	56.7	26.7	5.0	55.6	26.4	5.5	45.4	22.0	4.5	42.5	21.0	4.3	39.7	20.0	4.4		
			66.2	52.9	38.8	4.2	54.6	42.1	5.0	53.5	41.7	5.4	43.7	34.7	4.5	40.9	33.2	4.2	38.2	31.5	4.3		
			60.8	49.2	40.8	4.1	50.7	44.2	4.8	49.7	43.8	5.3	40.6	36.5	4.3	38.0	34.8	4.1	35.5	33.1	4.2		
		86.0	66.2	53.5	41.4	4.2	55.1	44.9	5.0	54.0	44.5	5.4	44.1	37.0	4.5	41.3	35.4	4.2	38.6	33.7	4.3		
			73.4	56.1	33.9	4.3	57.9	36.8	5.1	56.7	36.4	5.5	46.3	30.3	4.6	43.4	29.0	4.3	40.5	27.6	4.4		
			60.8	51.7	44.1	4.2	53.3	47.9	4.9	52.2	47.4	5.4	42.6	39.4	4.4	40.0	37.7	4.2	37.3	35.8	4.3		
		89.6	66.2	55.0	46.5	4.3	56.7	50.4	5.0	55.6	49.9	5.5	45.4	41.5	4.5	42.5	39.7	4.3	39.7	37.8	4.4		
			73.4	57.8	43.0	4.4	59.6	46.6	5.1	58.4	46.2	5.6	47.7	38.4	4.6	44.7	36.7	4.4	41.7	34.9	4.5		
			48.2	31.9	17.0	3.1	32.9	18.5	3.6	32.2	18.3	3.9	26.3	15.2	3.2	24.7	14.6	3.1	23.0	13.9	3.1		
		Low	1118	64.4	53.6	33.1	11.1	3.2	34.1	12.1	3.8	33.5	12.0	4.1	27.3	9.9	3.4	25.6	9.5	3.2	23.9	9.0	3.3
					59.0	39.9	11.5	3.5	41.1	12.4	4.1	40.3	12.3	4.5	32.9	10.2	3.7	30.8	9.8	3.5	28.8	9.3	3.6
					53.6	39.7	25.9	3.7	40.9	28.1	4.4	40.1	27.8	4.7	32.8	23.1	3.9	30.7	22.1	3.7	28.7	21.0	3.8
69.8	59.0			40.7	21.2	3.8	41.9	23.0	4.4	41.1	22.7	4.8	33.5	18.9	4.0	31.4	18.1	3.8	29.3	17.2	3.9		
	66.2			47.3	16.7	4.1	48.7	18.2	4.8	47.8	18.0	5.2	39.0	15.0	4.3	36.6	14.3	4.1	34.1	13.6	4.2		
	60.8			42.5	26.6	3.8	43.8	28.8	4.4	42.9	28.5	4.8	35.0	23.7	4.0	32.8	22.7	3.8	30.6	21.6	3.9		
75.2	66.2			48.3	25.8	4.1	49.8	28.0	4.8	48.8	27.7	5.3	39.8	23.1	4.3	37.3	22.0	4.1	34.8	21.0	4.2		
	73.4			47.3	12.1	4.3	48.8	13.2	5.0	47.8	13.0	5.5	39.0	10.8	4.5	36.6	10.4	4.3	34.1	9.9	4.4		
	60.8			44.3	33.2	4.0	45.7	36.0	4.7	44.8	35.6	5.2	36.6	29.6	4.3	34.3	28.3	4.0	32.0	27.0	4.1		
80.6	66.2			49.2	32.9	4.1	50.8	35.7	4.9	49.8	35.3	5.3	40.6	29.4	4.4	38.1	28.1	4.1	35.5	26.7	4.2		
	73.4			52.2	22.3	4.2	53.8	24.2	5.0	52.7	24.0	5.4	43.1	20.0	4.5	40.4	19.1	4.2	37.7	18.1	4.3		
	66.2			50.2	35.2	4.2	51.8	38.2	4.9	50.8	37.8	5.4	41.4	31.5	4.4	38.8	30.1	4.2	36.3	28.6	4.3		
84.2	60.8			46.7	37.0	4.1	48.1	40.2	4.8	47.1	39.8	5.2	38.5	33.1	4.3	36.1	31.6	4.1	33.7	30.1	4.2		
	66.2			50.7	37.6	4.2	52.3	40.8	4.9	51.2	40.4	5.4	41.8	33.6	4.4	39.2	32.1	4.2	36.6	30.6	4.3		
	73.4			53.3	30.8	4.3	54.9	33.4	5.0	53.8	33.1	5.5	43.9	27.5	4.5	41.2	26.3	4.3	38.4	25.0	4.4		
86.0	60.8			49.1	40.1	4.1	50.6	43.5	4.9	49.6	43.0	5.3	40.5	35.8	4.4	37.9	34.2	4.1	35.4	32.6	4.2		
	66.2			52.2	42.2	4.2	53.8	45.8	5.0	52.7	45.3	5.4	43.1	37.7	4.5	40.4	36.1	4.2	37.7	34.3	4.3		
	73.4			57.8	41.1	4.4	59.6	44.6	5.1	58.4	44.2	5.6	47.7	36.8	4.6	44.7	35.1	4.4	41.7	33.4	4.5		

➔ 4.6 Heating Performance (English Units)

Notes:

DB: Dry Bulb Temperature(°F) WB: Wet Bulb Temperature (°F) AFR: Air Flow Rate(CFM)

PI: Power Input(Unit: kW), Sum of Compressor, Outdoor Fan Power Input & Indoor Fan Power Input

4.6.1 GUHD*N*3CO/GUHD*N*3C1O with GFH*K3CI

Outdoor Unit: GUHD09NK3CO/GUHD09NK3C1O Indoor Unit: GFH09K3CI

AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
		5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
377	60.8	4.4	0.7	5.6	0.7	7.1	0.8	7.7	0.8	8.6	0.8	9.4	0.9	10.2	0.9	10.0	0.9	9.1	0.8	8.6	0.8	8.1	0.7		
	64.4	4.3	0.7	5.5	0.7	7.0	0.7	7.6	0.8	8.5	0.8	9.3	0.8	10.0	0.9	9.8	0.8	9.0	0.8	8.5	0.8	8.0	0.7		
	68.0	4.0	0.7	5.2	0.7	6.6	0.7	7.2	0.7	8.0	0.8	8.7	0.8	9.4	0.8	9.2	0.8	8.5	0.8	8.0	0.7	7.5	0.7		
	71.6	4.0	0.6	5.1	0.7	6.4	0.7	7.0	0.7	7.8	0.8	8.6	0.8	9.2	0.8	9.1	0.8	8.3	0.8	7.8	0.7	7.4	0.7		
	75.2	3.6	0.6	4.7	0.6	5.9	0.7	6.4	0.7	7.2	0.7	7.9	0.8	8.5	0.8	8.3	0.8	7.6	0.7	7.2	0.7	6.8	0.7		
	77.0	3.6	0.6	4.6	0.6	5.8	0.7	6.3	0.7	7.0	0.7	7.7	0.7	8.3	0.8	8.1	0.7	7.4	0.7	7.0	0.7	6.6	0.6		
	80.6	3.3	0.6	4.3	0.6	5.4	0.6	5.9	0.6	6.6	0.7	7.2	0.7	7.7	0.7	7.6	0.7	6.9	0.7	6.6	0.6	6.2	0.6		
424	60.8	4.5	0.7	5.8	0.7	7.3	0.7	7.9	0.8	8.8	0.8	9.6	0.8	10.4	0.9	10.2	0.8	9.3	0.8	8.8	0.8	8.3	0.7		
	64.4	4.4	0.7	5.7	0.7	7.1	0.7	7.8	0.8	8.7	0.8	9.5	0.8	10.2	0.8	10.0	0.8	9.2	0.8	8.7	0.8	8.1	0.7		
	68.0	4.2	0.6	5.4	0.7	6.8	0.7	7.4	0.7	8.2	0.8	9.0	0.8	9.7	0.8	9.5	0.8	8.7	0.8	8.2	0.7	7.8	0.7		
	71.6	4.0	0.6	5.2	0.7	6.6	0.7	7.2	0.7	8.0	0.8	8.7	0.8	9.4	0.8	9.2	0.8	8.5	0.8	8.0	0.7	7.5	0.7		
	75.2	3.7	0.6	4.8	0.6	6.0	0.7	6.6	0.7	7.3	0.7	8.0	0.7	8.6	0.8	8.5	0.7	7.8	0.7	7.3	0.7	6.9	0.6		
	77.0	3.6	0.6	4.7	0.6	5.9	0.6	6.4	0.7	7.2	0.7	7.8	0.7	8.4	0.7	8.3	0.7	7.6	0.7	7.2	0.7	6.7	0.6		
	80.6	3.4	0.5	4.4	0.6	5.5	0.6	6.0	0.6	6.7	0.6	7.3	0.7	7.9	0.7	7.7	0.7	7.1	0.6	6.7	0.6	6.3	0.6		
471	60.8	4.5	0.7	5.8	0.7	7.3	0.7	8.0	0.8	8.9	0.8	9.8	0.8	10.5	0.8	10.3	0.8	9.4	0.8	8.9	0.8	8.4	0.7		
	64.4	4.4	0.7	5.7	0.7	7.2	0.7	7.8	0.7	8.7	0.8	9.6	0.8	10.3	0.8	10.1	0.8	9.3	0.8	8.7	0.7	8.2	0.7		
	68.0	4.3	0.6	5.5	0.7	6.9	0.7	7.5	0.7	8.4	0.8	9.2	0.8	9.9	0.8	9.7	0.8	8.9	0.8	8.4	0.7	7.9	0.7		
	71.6	4.1	0.6	5.3	0.7	6.6	0.7	7.2	0.7	8.1	0.7	8.8	0.8	9.5	0.8	9.3	0.8	8.5	0.7	8.1	0.7	7.6	0.7		
	75.2	3.7	0.6	4.8	0.6	6.1	0.7	6.6	0.7	7.4	0.7	8.1	0.7	8.7	0.7	8.6	0.7	7.8	0.7	7.4	0.7	7.0	0.6		
	77.0	3.7	0.6	4.7	0.6	6.0	0.6	6.5	0.7	7.2	0.7	7.9	0.7	8.5	0.7	8.4	0.7	7.7	0.7	7.2	0.7	6.8	0.6		
	80.6	3.4	0.5	4.4	0.5	5.5	0.6	6.0	0.6	6.7	0.6	7.4	0.6	7.9	0.7	7.8	0.7	7.1	0.6	6.7	0.6	6.3	0.6		
518	60.8	4.6	0.7	5.9	0.7	7.4	0.7	8.1	0.7	9.0	0.8	9.9	0.8	10.6	0.8	10.4	0.8	9.5	0.8	9.0	0.7	8.5	0.7		
	64.4	4.5	0.6	5.8	0.7	7.3	0.7	7.9	0.7	8.8	0.8	9.7	0.8	10.4	0.8	10.2	0.8	9.4	0.8	8.8	0.7	8.3	0.7		
	68.0	4.3	0.6	5.6	0.7	7.1	0.7	7.7	0.7	8.6	0.8	9.4	0.8	10.1	0.8	9.9	0.8	9.1	0.8	8.6	0.7	8.1	0.7		
	71.6	4.1	0.6	5.3	0.6	6.7	0.7	7.3	0.7	8.1	0.7	8.9	0.8	9.6	0.8	9.4	0.8	8.6	0.7	8.1	0.7	7.7	0.7		
	75.2	3.8	0.6	4.9	0.6	6.1	0.6	6.7	0.7	7.5	0.7	8.2	0.7	8.8	0.7	8.6	0.7	7.9	0.7	7.5	0.7	7.0	0.6		
	77.0	3.7	0.6	4.8	0.6	6.0	0.6	6.5	0.6	7.3	0.7	8.0	0.7	8.6	0.7	8.4	0.7	7.7	0.7	7.3	0.6	6.9	0.6		
	80.6	3.4	0.5	4.4	0.5	5.6	0.6	6.1	0.6	6.8	0.6	7.4	0.6	8.0	0.6	7.8	0.6	7.2	0.6	6.8	0.6	6.4	0.5		
565	60.8	4.6	0.6	6.0	0.7	7.5	0.7	8.2	0.7	9.1	0.8	10.0	0.8	10.7	0.8	10.5	0.8	9.6	0.8	9.1	0.7	8.6	0.7		
	64.4	4.5	0.6	5.8	0.7	7.3	0.7	8.0	0.7	8.9	0.8	9.8	0.8	10.5	0.8	10.3	0.8	9.4	0.8	8.9	0.7	8.4	0.7		
	68.0	4.4	0.6	5.7	0.7	7.2	0.7	7.8	0.7	8.7	0.7	9.6	0.8	10.3	0.8	10.1	0.8	9.3	0.7	8.7	0.7	8.2	0.7		
	71.6	4.2	0.6	5.4	0.6	6.8	0.7	7.4	0.7	8.2	0.7	9.0	0.7	9.7	0.8	9.5	0.7	8.7	0.7	8.2	0.7	7.7	0.6		
	75.2	3.8	0.6	4.9	0.6	6.2	0.6	6.7	0.6	7.5	0.7	8.2	0.7	8.8	0.7	8.7	0.7	8.0	0.7	7.5	0.6	7.1	0.6		
	77.0	3.7	0.6	4.8	0.6	6.1	0.6	6.6	0.6	7.3	0.7	8.0	0.7	8.6	0.7	8.5	0.7	7.8	0.7	7.3	0.6	6.9	0.6		
	80.6	3.5	0.5	4.5	0.5	5.6	0.6	6.1	0.6	6.8	0.6	7.5	0.6	8.0	0.6	7.9	0.6	7.2	0.6	6.8	0.6	6.4	0.5		

Outdoor Unit:GUHD12NK3CO/GUHD12NK3C1O Indoor Unit:GFH12K3CI

AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
		5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
396	60.8	5.7	0.8	7.4	0.9	9.3	0.9	10.1	0.9	11.3	1.0	12.4	1.0	13.3	1.1	13.1	1.0	12.0	1.0	11.3	0.9	10.6	0.9		
	64.4	5.6	0.8	7.3	0.9	9.1	0.9	9.9	0.9	11.1	1.0	12.1	1.0	13.1	1.0	12.8	1.0	11.8	1.0	11.1	0.9	10.4	0.9		
	68.0	5.3	0.8	6.8	0.8	8.6	0.9	9.4	0.9	10.5	0.9	11.5	1.0	12.3	1.0	12.1	1.0	11.1	0.9	10.5	0.9	9.9	0.8		
	71.6	5.2	0.8	6.7	0.8	8.4	0.9	9.2	0.9	10.3	0.9	11.2	1.0	12.1	1.0	11.9	1.0	10.9	0.9	10.3	0.9	9.7	0.8		
	75.2	4.8	0.7	6.2	0.8	7.8	0.8	8.4	0.8	9.4	0.9	10.3	0.9	11.1	0.9	10.9	0.9	10.0	0.9	9.4	0.8	8.9	0.8		
	77.0	4.7	0.7	6.0	0.8	7.6	0.8	8.3	0.8	9.2	0.9	10.1	0.9	10.8	0.9	10.7	0.9	9.8	0.9	9.2	0.8	8.7	0.8		
	80.6	4.3	0.7	5.6	0.7	7.1	0.7	7.7	0.8	8.6	0.8	9.4	0.8	10.1	0.8	9.9	0.8	9.1	0.8	8.6	0.8	8.1	0.7		
445	60.8	5.8	0.8	7.6	0.9	9.5	0.9	10.4	0.9	11.6	1.0	12.6	1.0	13.6	1.0	13.4	1.0	12.2	1.0	11.6	0.9	10.9	0.9		
	64.4	5.7	0.8	7.4	0.8	9.3	0.9	10.2	0.9	11.3	1.0	12.4	1.0	13.3	1.0	13.1	1.0	12.0	1.0	11.3	0.9	10.7	0.9		
	68.0	5.5	0.8	7.1	0.8	8.9	0.9	9.7	0.9	10.8	0.9	11.8	1.0	12.7	1.0	12.5	1.0	11.4	0.9	10.8	0.9	10.2	0.8		
	71.6	5.3	0.8	6.9	0.8	8.6	0.8	9.4	0.9	10.5	0.9	11.5	0.9	12.3	1.0	12.1	1.0	11.1	0.9	10.5	0.9	9.9	0.8		
	75.2	4.9	0.7	6.3	0.8	7.9	0.8	8.6	0.8	9.6	0.9	10.5	0.9	11.3	0.9	11.1	0.9	10.2	0.9	9.6	0.8	9.0	0.8		
	77.0	4.8	0.7	6.1	0.7	7.7	0.8	8.4	0.8	9.4	0.9	10.3	0.9	11.1	0.9	10.9	0.9	9.9	0.9	9.4	0.8	8.8	0.8		
	80.6	4.4	0.7	5.7	0.7	7.2	0.7	7.8	0.7	8.7	0.8	9.6	0.8	10.3	0.8	10.1	0.8	9.3	0.8	8.7	0.7	8.2	0.7		
494	60.8	5.9	0.8	7.6	0.8	9.6	0.9	10.5	0.9	11.7	1.0	12.8	1.0	13.7	1.0	13.5	1.0	12.4	1.0	11.7	0.9	11.0	0.9		
	64.4	5.8	0.8	7.5	0.8	9.4	0.9	10.3	0.9	11.5	0.9	12.5	1.0	13.5	1.0	13.3	1.0	12.1	0.9	11.5	0.9	10.8	0.8		
	68.0	5.6	0.8	7.2	0.8	9.1	0.9	9.9	0.9	11.0	0.9	12.1	1.0	13.0	1.0	12.7	1.0	11.7	0.9	11.0	0.9	10.4	0.8		
	71.6	5.4	0.8	6.9	0.8	8.7	0.8	9.5	0.9	10.6	0.9	11.6	0.9	12.4	1.0	12.2	0.9	11.2	0.9	10.6	0.9	10.0	0.8		
	75.2	4.9	0.7	6.3	0.7	8.0	0.8	8.7	0.8	9.7	0.9	10.6	0.9	11.4	0.9	11.2	0.9	10.3	0.9	9.7	0.8	9.1	0.8		
	77.0	4.8	0.7	6.2	0.7	7.8	0.8	8.5	0.8	9.5	0.8	10.4	0.9	11.2	0.9	11.0	0.9	10.0	0.8	9.5	0.8	8.9	0.7		
	80.6	4.5	0.6	5.8	0.7	7.3	0.7	7.9	0.7	8.8	0.8	9.6	0.8	10.4	0.8	10.2	0.8	9.3	0.8	8.8	0.7	8.3	0.7		
544	60.8	6.0	0.8	7.7	0.8	9.7	0.9	10.6	0.9	11.8	0.9	12.9	1.0	13.9	1.0	13.7	1.0	12.5	0.9	11.8	0.9	11.1	0.8		
	64.4	5.9	0.8	7.6	0.8	9.5	0.9	10.4	0.9	11.6	0.9	12.7	1.0	13.6	1.0	13.4	1.0	12.3	0.9	11.6	0.9	10.9	0.8		
	68.0	5.7	0.8	7.4	0.8	9.3	0.8	10.1	0.9	11.2	0.9	12.3	0.9	13.2	1.0	13.0	1.0	11.9	0.9	11.2	0.9	10.6	0.8		
	71.6	5.4	0.7	7.0	0.8	8.8	0.8	9.6	0.8	10.7	0.9	11.7	0.9	12.6	0.9	12.4	0.9	11.3	0.9	10.7	0.8	10.1	0.8		
	75.2	4.9	0.7	6.4	0.7	8.1	0.8	8.8	0.8	9.8	0.8	10.7	0.9	11.5	0.9	11.3	0.9	10.4	0.8	9.8	0.8	9.2	0.7		
	77.0	4.8	0.7	6.3	0.7	7.9	0.8	8.6	0.8	9.6	0.8	10.5	0.8	11.2	0.9	11.1	0.8	10.1	0.8	9.6	0.8	9.0	0.7		
	80.6	4.5	0.6	5.8	0.6	7.3	0.7	8.0	0.7	8.9	0.7	9.7	0.8	10.4	0.8	10.3	0.8	9.4	0.7	8.9	0.7	8.4	0.7		
593	60.8	6.0	0.8	7.8	0.8	9.8	0.9	10.7	0.9	11.9	0.9	13.0	1.0	14.0	1.0	13.8	1.0	12.6	0.9	11.9	0.9	11.2	0.8		
	64.4	5.9	0.8	7.6	0.8	9.6	0.8	10.5	0.9	11.7	0.9	12.8	0.9	13.8	1.0	13.5	1.0	12.4	0.9	11.7	0.9	11.0	0.8		
	68.0	5.8	0.8	7.5	0.8	9.4	0.8	10.3	0.9	11.5	0.9	12.5	0.9	13.5	1.0	13.3	0.9	12.1	0.9	11.5	0.9	10.8	0.8		
	71.6	5.5	0.7	7.0	0.8	8.9	0.8	9.7	0.8	10.8	0.9	11.8	0.9	12.7	0.9	12.5	0.9	11.4	0.9	10.8	0.8	10.1	0.8		
	75.2	5.0	0.7	6.4	0.7	8.1	0.8	8.8	0.8	9.9	0.8	10.8	0.8	11.6	0.9	11.4	0.9	10.4	0.8	9.9	0.8	9.3	0.7		
	77.0	4.9	0.7	6.3	0.7	7.9	0.7	8.6	0.8	9.6	0.8	10.5	0.8	11.3	0.8	11.1	0.8	10.2	0.8	9.6	0.8	9.1	0.7		
	80.6	4.5	0.6	5.8	0.6	7.4	0.7	8.0	0.7	8.9	0.7	9.8	0.7	10.5	0.8	10.3	0.8	9.5	0.7	8.9	0.7	8.4	0.6		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD18NK3CO/GUHD18NK3C1O Indoor Unit:GFH18K3CI

AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
		5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
471	60.8	9.3	1.5	12.0	1.5	15.1	1.6	16.4	1.7	18.3	1.7	20.0	1.8	21.5	1.8	21.2	1.8	19.4	1.7	18.3	1.7	17.2	1.6		
	64.4	9.1	1.4	11.7	1.5	14.8	1.6	16.1	1.6	18.0	1.7	19.7	1.8	21.1	1.8	20.8	1.8	19.0	1.7	18.0	1.6	16.9	1.5		
	68.0	8.6	1.4	11.1	1.4	14.0	1.5	15.2	1.6	16.9	1.6	18.5	1.7	19.9	1.7	19.6	1.7	17.9	1.6	16.9	1.6	15.9	1.5		
	71.6	8.4	1.4	10.9	1.4	13.7	1.5	14.9	1.5	16.6	1.6	18.2	1.7	19.5	1.7	19.2	1.7	17.6	1.6	16.6	1.5	15.6	1.5		
	75.2	7.7	1.3	10.0	1.4	12.6	1.4	13.7	1.5	15.2	1.5	16.7	1.6	17.9	1.6	17.6	1.6	16.1	1.5	15.2	1.5	14.4	1.4		
	77.0	7.5	1.3	9.8	1.3	12.3	1.4	13.4	1.4	14.9	1.5	16.3	1.6	17.5	1.6	17.2	1.6	15.8	1.5	14.9	1.4	14.0	1.4		
	80.6	7.0	1.2	9.1	1.2	11.4	1.3	12.5	1.3	13.9	1.4	15.2	1.4	16.3	1.5	16.1	1.4	14.7	1.4	13.9	1.3	13.1	1.2		
530	60.8	9.5	1.4	12.2	1.5	15.4	1.6	16.8	1.6	18.7	1.7	20.5	1.8	22.0	1.8	21.6	1.8	19.8	1.7	18.7	1.6	17.6	1.5		
	64.4	9.3	1.4	12.0	1.5	15.1	1.6	16.5	1.6	18.4	1.7	20.1	1.7	21.6	1.8	21.2	1.8	19.4	1.7	18.4	1.6	17.3	1.5		
	68.0	8.8	1.4	11.4	1.4	14.4	1.5	15.7	1.5	17.5	1.6	19.1	1.7	20.6	1.7	20.2	1.7	18.5	1.6	17.5	1.5	16.5	1.5		
	71.6	8.6	1.3	11.1	1.4	14.0	1.5	15.2	1.5	17.0	1.6	18.6	1.6	19.9	1.7	19.6	1.7	18.0	1.6	17.0	1.5	16.0	1.4		
	75.2	7.9	1.3	10.2	1.3	12.8	1.4	13.9	1.4	15.6	1.5	17.0	1.6	18.3	1.6	18.0	1.6	16.5	1.5	15.6	1.4	14.6	1.4		
	77.0	7.7	1.2	9.9	1.3	12.5	1.4	13.6	1.4	15.2	1.5	16.6	1.5	17.9	1.6	17.6	1.5	16.1	1.5	15.2	1.4	14.3	1.3		
	80.6	7.2	1.1	9.3	1.2	11.7	1.3	12.7	1.3	14.2	1.4	15.5	1.4	16.7	1.4	16.4	1.4	15.0	1.4	14.2	1.3	13.3	1.2		
589	60.8	9.6	1.4	12.4	1.5	15.6	1.6	16.9	1.6	18.9	1.7	20.7	1.7	22.2	1.8	21.9	1.8	20.0	1.7	18.9	1.6	17.8	1.5		
	64.4	9.4	1.4	12.1	1.4	15.3	1.5	16.6	1.6	18.5	1.6	20.3	1.7	21.8	1.7	21.5	1.7	19.6	1.6	18.5	1.6	17.5	1.5		
	68.0	9.0	1.4	11.7	1.4	14.7	1.5	16.0	1.5	17.8	1.6	19.5	1.7	21.0	1.7	20.6	1.7	18.9	1.6	17.8	1.5	16.8	1.4		
	71.6	8.7	1.3	11.2	1.4	14.1	1.5	15.4	1.5	17.1	1.6	18.7	1.6	20.1	1.7	19.8	1.6	18.1	1.6	17.1	1.5	16.1	1.4		
	75.2	7.9	1.3	10.3	1.3	12.9	1.4	14.1	1.4	15.7	1.5	17.2	1.5	18.5	1.6	18.2	1.5	16.6	1.5	15.7	1.4	14.8	1.3		
	77.0	7.8	1.2	10.0	1.3	12.6	1.3	13.8	1.4	15.3	1.5	16.8	1.5	18.0	1.5	17.7	1.5	16.2	1.5	15.3	1.4	14.4	1.3		
	80.6	7.2	1.1	9.3	1.2	11.8	1.2	12.8	1.3	14.3	1.3	15.6	1.4	16.8	1.4	16.5	1.4	15.1	1.3	14.3	1.3	13.4	1.2		
647	60.8	9.7	1.4	12.5	1.4	15.7	1.5	17.1	1.6	19.1	1.6	20.9	1.7	22.5	1.7	22.1	1.7	20.2	1.6	19.1	1.6	18.0	1.5		
	64.4	9.5	1.4	12.3	1.4	15.4	1.5	16.8	1.5	18.7	1.6	20.5	1.7	22.0	1.7	21.7	1.7	19.8	1.6	18.7	1.5	17.6	1.4		
	68.0	9.2	1.3	11.9	1.4	15.0	1.5	16.3	1.5	18.2	1.6	19.9	1.6	21.4	1.7	21.0	1.7	19.3	1.6	18.2	1.5	17.1	1.4		
	71.6	8.7	1.3	11.3	1.4	14.2	1.4	15.5	1.5	17.3	1.6	18.9	1.6	20.3	1.6	20.0	1.6	18.3	1.6	17.3	1.5	16.3	1.4		
	75.2	8.0	1.2	10.4	1.3	13.0	1.3	14.2	1.4	15.8	1.5	17.3	1.5	18.6	1.5	18.3	1.5	16.8	1.5	15.8	1.4	14.9	1.3		
	77.0	7.8	1.2	10.1	1.2	12.7	1.3	13.9	1.3	15.5	1.4	16.9	1.5	18.2	1.5	17.9	1.5	16.4	1.4	15.5	1.3	14.6	1.3		
	80.6	7.3	1.1	9.4	1.1	11.8	1.2	12.9	1.2	14.4	1.3	15.7	1.3	16.9	1.4	16.6	1.3	15.2	1.3	14.4	1.2	13.5	1.2		
706	60.8	9.8	1.4	12.6	1.4	15.9	1.5	17.3	1.5	19.3	1.6	21.1	1.7	22.7	1.7	22.3	1.7	20.4	1.6	19.3	1.5	18.2	1.5		
	64.4	9.6	1.3	12.4	1.4	15.6	1.5	17.0	1.5	18.9	1.6	20.7	1.6	22.3	1.7	21.9	1.7	20.0	1.6	18.9	1.5	17.8	1.4		
	68.0	9.4	1.3	12.1	1.4	15.3	1.5	16.6	1.5	18.5	1.6	20.3	1.6	21.8	1.7	21.5	1.6	19.6	1.6	18.5	1.5	17.5	1.4		
	71.6	8.8	1.3	11.4	1.3	14.4	1.4	15.6	1.4	17.4	1.5	19.1	1.6	20.5	1.6	20.2	1.6	18.5	1.5	17.4	1.4	16.4	1.4		
	75.2	8.1	1.2	10.4	1.2	13.1	1.3	14.3	1.3	16.0	1.4	17.5	1.5	18.8	1.5	18.4	1.5	16.9	1.4	16.0	1.3	15.0	1.3		
	77.0	7.9	1.2	10.2	1.2	12.8	1.3	14.0	1.3	15.6	1.4	17.0	1.5	18.3	1.5	18.0	1.5	16.5	1.4	15.6	1.3	14.7	1.3		
	80.6	7.3	1.1	9.5	1.1	11.9	1.2	13.0	1.2	14.5	1.3	15.8	1.3	17.0	1.3	16.7	1.3	15.3	1.3	14.5	1.2	13.6	1.1		

Outdoor Unit:GUHD24NK3CO/GUHD24NK3C1O Indoor Unit:GFH24K3CI

AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
		5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
753	60.8	11.3	1.8	14.6	1.9	18.4	2.0	20.0	2.0	22.3	2.1	24.4	2.2	26.3	2.2	25.8	2.2	23.6	2.1	22.3	2.0	21.0	1.9		
	64.4	11.1	1.8	14.3	1.8	18.0	1.9	19.6	2.0	21.9	2.1	24.0	2.2	25.8	2.2	25.3	2.2	23.2	2.1	21.9	2.0	20.6	1.9		
	68.0	10.5	1.7	13.5	1.8	17.0	1.9	18.5	1.9	20.7	2.0	22.6	2.1	24.3	2.1	23.9	2.1	21.9	2.0	20.7	1.9	19.4	1.8		
	71.6	10.2	1.7	13.2	1.7	16.7	1.8	18.2	1.9	20.3	2.0	22.2	2.0	23.8	2.1	23.4	2.1	21.4	2.0	20.3	1.9	19.1	1.8		
	75.2	9.4	1.6	12.2	1.6	15.3	1.7	16.7	1.8	18.6	1.9	20.3	1.9	21.9	2.0	21.5	2.0	19.7	1.9	18.6	1.8	17.5	1.7		
	77.0	9.2	1.6	11.9	1.6	15.0	1.7	16.3	1.7	18.2	1.8	19.9	1.9	21.4	1.9	21.0	1.9	19.3	1.8	18.2	1.7	17.1	1.7		
	80.6	8.6	1.4	11.1	1.5	14.0	1.6	15.2	1.6	16.9	1.7	18.5	1.7	19.9	1.8	19.6	1.8	17.9	1.7	16.9	1.6	15.9	1.5		
848	60.8	11.5	1.8	14.9	1.8	18.8	1.9	20.4	2.0	22.8	2.1	25.0	2.2	26.8	2.2	26.4	2.2	24.2	2.1	22.8	2.0	21.5	1.9		
	64.4	11.3	1.7	14.6	1.8	18.4	1.9	20.1	1.9	22.4	2.0	24.5	2.1	26.3	2.2	25.9	2.1	23.7	2.0	22.4	1.9	21.1	1.8		
	68.0	10.8	1.7	13.9	1.7	17.6	1.8	19.1	1.9	21.3	2.0	23.3	2.0	25.1	2.1	24.7	2.1	22.6	2.0	21.3	1.9	20.1	1.8		
	71.6	10.5	1.6	13.5	1.7	17.0	1.8	18.5	1.8	20.7	1.9	22.6	2.0	24.3	2.0	23.9	2.0	21.9	1.9	20.7	1.8	19.5	1.7		
	75.2	9.6	1.6	12.4	1.6	15.6	1.7	17.0	1.7	19.0	1.8	20.8	1.9	22.3	1.9	21.9	1.9	20.1	1.8	19.0	1.7	17.9	1.7		
	77.0	9.4	1.5	12.1	1.6	15.3	1.7	16.6	1.7	18.5	1.8	20.3	1.9	21.8	1.9	21.4	1.9	19.6	1.8	18.5	1.7	17.5	1.6		
	80.6	8.7	1.4	11.3	1.4	14.2	1.5	15.5	1.6	17.3	1.6	18.9	1.7	20.3	1.7	20.0	1.7	18.3	1.6	17.3	1.6	16.3	1.5		
942	60.8	11.7	1.7	15.1	1.8	19.0	1.9	20.7	1.9	23.1	2.0	25.2	2.1	27.1	2.2	26.7	2.1	24.4	2.0	23.1	1.9	21.7	1.8		
	64.4	11.4	1.7	14.8	1.8	18.6	1.9	20.3	1.9	22.6	2.0	24.8	2.1	26.6	2.1	26.2	2.1	24.0	2.0	22.6	1.9	21.3	1.8		
	68.0	11.0	1.7	14.2	1.7	17.9	1.8	19.5	1.9	21.8	2.0	23.8	2.0	25.6	2.1	25.2	2.0	23.0	2.0	21.8	1.9	20.5	1.8		
	71.6	10.6	1.6	13.7	1.7	17.2	1.8	18.7	1.8	20.9	1.9	22.8	2.0	24.6	2.0	24.1	2.0	22.1	1.9	20.9	1.8	19.7	1.7		
	75.2	9.7	1.5	12.5	1.6	15.8	1.7	17.2	1.7	19.1	1.8	20.9	1.9	22.5	1.9	22.1	1.9	20.3	1.8	19.1	1.7	18.0	1.6		
	77.0	9.5	1.5	12.2	1.5	15.4	1.6	16.8	1.7	18.7	1.8	20.5	1.8	22.0	1.9	21.6	1.8	19.8	1.8	18.7	1.7	17.6	1.6		
	80.6	8.8	1.4	11.4	1.4	14.3	1.5	15.6	1.5	17.4	1.6	19.0	1.7	20.5	1.7	20.1	1.7	18.4	1.6	17.4	1.5	16.4	1.4		
1036	60.8	11.8	1.7	15.2	1.8	19.2	1.9	20.9	1.9	23.3	2.0	25.5	2.1	27.4	2.1	26.9	2.1	24.7	2.0	23.3	1.9	21.9	1.8		
	64.4	11.6	1.7	14.9	1.7	18.8	1.8	20.5	1.9	22.9	2.0	25.0	2.0	26.9	2.1	26.4	2.0	24.2	2.0	22.9	1.9	21.5	1.8		
	68.0	11.2	1.6	14.5	1.7	18.3	1.8	19.9	1.8	22.2	1.9	24.3	2.0	26.1	2.0	25.7	2.0	23.5	1.9	22.2	1.8	20.9	1.7		
	71.6	10.7	1.6	13.8	1.6	17.4	1.7	18.9	1.8	21.1	1.9	23.1	1.9	24.8	2.0	24.4	2.0	22.3	1.9	21.1	1.8	19.8	1.7		
	75.2	9.8	1.5	12.6	1.5	15.9	1.6	17.3	1.7	19.3	1.8	21.1	1.8	22.7	1.9	22.3	1.8	20.4	1.8	19.3	1.7	18.2	1.6		
	77.0	9.5	1.5	12.3	1.5	15.5	1.6	16.9	1.6	18.9	1.7	20.6	1.8	22.2	1.8	21.8	1.8	20.0	1.7	18.9	1.6	17.7	1.6		
	80.6	8.9	1.3	11.5	1.4	14.4	1.5	15.7	1.5	17.5	1.6	19.2	1.6	20.6	1.7	20.3	1.6	18.6	1.6	17.5	1.5	16.5	1.4		
1130	60.8	11.9	1.7	15.4	1.7	19.4	1.8	21.1	1.9	23.5	2.0	25.7	2.0	27.7	2.1	27.2	2.1	24.9	2.0	23.5	1.9	22.1	1.8		
	64.4	11.7	1.6	15.1	1.7	19.0	1.8	20.7	1.8	23.1	1.9	25.2	2.0	27.1	2.0	26.7	2.0	24.4	1.9	23.1	1.8	21.7	1.7		
	68.0	11.4	1.6	14.8	1.7	18.6	1.8	20.3	1.8	22.6	1.9	24.8	2.0	26.6	2.0	26.2	2.0	24.0	1.9	22.6	1.8	21.3	1.7		
	71.6	10.8	1.6	13.9	1.6	17.5	1.7	19.1	1.8	21.3	1.9	23.3	1.9	25.0	1.9	24.6	1.9	22.5	1.9	21.3	1.8	20.0	1.7		
	75.2	9.8	1.5	12.7	1.5	16.0	1.6	17.4	1.6	19.5	1.7	21.3	1.8	22.9	1.8	22.5	1.8	20.6	1.7	19.5	1.6	18.3	1.6		
	77.0	9.6	1.4	12.4	1.5	15.6	1.6	17.0	1.6	19.0	1.7	20.8	1.8	22.4	1.8	22.0	1.8	20.1	1.7	19.0	1.6	17.9	1.5		
	80.6	8.9	1.3	11.5	1.3	14.5	1.4	15.8	1.5	17.6	1.5	19.3	1.6	20.8	1.6	20.4	1.6	18.7	1.5	17.6	1.5	16.6	1.4		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD30NK3CO/GUHD30NK3C1O Indoor Unit:GFH30K3CI

AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																					
		5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
706	60.8	13.2	2.1	17.1	2.2	21.6	2.3	23.5	2.4	26.2	2.5	28.6	2.6	30.8	2.6	30.3	2.6	27.7	2.5	26.2	2.4	24.6	2.2
	64.4	13.0	2.1	16.8	2.1	21.2	2.3	23.0	2.3	25.7	2.4	28.1	2.5	30.2	2.6	29.7	2.6	27.2	2.4	25.7	2.3	24.2	2.2
	68.0	12.3	2.0	15.9	2.1	20.0	2.2	21.7	2.2	24.2	2.4	26.5	2.4	28.5	2.5	28.0	2.5	25.7	2.4	24.2	2.2	22.8	2.1
	71.6	12.0	2.0	15.5	2.0	19.6	2.2	21.3	2.2	23.8	2.3	26.0	2.4	28.0	2.5	27.5	2.4	25.2	2.3	23.8	2.2	22.4	2.1
	75.2	11.0	1.9	14.3	1.9	18.0	2.1	19.6	2.1	21.8	2.2	23.9	2.3	25.7	2.3	25.2	2.3	23.1	2.2	21.8	2.1	20.5	2.0
	77.0	10.8	1.8	14.0	1.9	17.6	2.0	19.1	2.1	21.3	2.2	23.3	2.2	25.1	2.3	24.7	2.3	22.6	2.2	21.3	2.1	20.1	1.9
	80.6	10.1	1.7	13.0	1.7	16.4	1.8	17.8	1.9	19.9	2.0	21.8	2.0	23.4	2.1	23.0	2.1	21.1	2.0	19.9	1.9	18.7	1.8
795	60.8	13.5	2.1	17.5	2.1	22.0	2.3	24.0	2.3	26.8	2.4	29.3	2.5	31.5	2.6	30.9	2.6	28.3	2.4	26.8	2.3	25.2	2.2
	64.4	13.3	2.0	17.2	2.1	21.6	2.2	23.5	2.3	26.3	2.4	28.7	2.5	30.9	2.5	30.4	2.5	27.8	2.4	26.3	2.3	24.7	2.1
	68.0	12.7	2.0	16.4	2.0	20.6	2.2	22.4	2.2	25.0	2.3	27.4	2.4	29.4	2.5	28.9	2.4	26.5	2.3	25.0	2.2	23.5	2.1
	71.6	12.3	1.9	15.9	2.0	20.0	2.1	21.7	2.2	24.3	2.3	26.5	2.4	28.5	2.4	28.1	2.4	25.7	2.3	24.3	2.2	22.8	2.0
	75.2	11.3	1.8	14.6	1.9	18.3	2.0	20.0	2.1	22.3	2.2	24.4	2.2	26.2	2.3	25.7	2.3	23.6	2.2	22.3	2.1	21.0	1.9
	77.0	11.0	1.8	14.2	1.9	17.9	2.0	19.5	2.0	21.8	2.1	23.8	2.2	25.6	2.2	25.2	2.2	23.0	2.1	21.8	2.0	20.5	1.9
	80.6	10.2	1.6	13.3	1.7	16.7	1.8	18.2	1.8	20.3	1.9	22.2	2.0	23.8	2.0	23.4	2.0	21.5	1.9	20.3	1.8	19.1	1.7
883	60.8	13.7	2.0	17.7	2.1	22.3	2.2	24.3	2.3	27.1	2.4	29.6	2.5	31.8	2.5	31.3	2.5	28.6	2.4	27.1	2.3	25.5	2.1
	64.4	13.4	2.0	17.4	2.1	21.9	2.2	23.8	2.2	26.5	2.4	29.0	2.4	31.2	2.5	30.7	2.5	28.1	2.4	26.5	2.2	25.0	2.1
	68.0	12.9	1.9	16.7	2.0	21.0	2.1	22.9	2.2	25.5	2.3	27.9	2.4	30.0	2.4	29.5	2.4	27.0	2.3	25.5	2.2	24.0	2.1
	71.6	12.4	1.9	16.0	2.0	20.2	2.1	22.0	2.1	24.5	2.3	26.8	2.3	28.8	2.4	28.3	2.4	25.9	2.3	24.5	2.1	23.1	2.0
	75.2	11.4	1.8	14.7	1.9	18.5	2.0	20.1	2.0	22.5	2.1	24.6	2.2	26.4	2.2	26.0	2.2	23.8	2.1	22.5	2.0	21.1	1.9
	77.0	11.1	1.7	14.4	1.8	18.1	1.9	19.7	2.0	21.9	2.1	24.0	2.1	25.8	2.2	25.4	2.2	23.2	2.1	21.9	2.0	20.7	1.9
	80.6	10.3	1.6	13.4	1.7	16.8	1.8	18.3	1.8	20.4	1.9	22.3	2.0	24.0	2.0	23.6	2.0	21.6	1.9	20.4	1.8	19.2	1.7
971	60.8	13.8	2.0	17.9	2.1	22.5	2.2	24.5	2.2	27.3	2.4	29.9	2.4	32.2	2.5	31.6	2.5	28.9	2.4	27.3	2.2	25.7	2.1
	64.4	13.6	1.9	17.5	2.0	22.1	2.1	24.0	2.2	26.8	2.3	29.3	2.4	31.5	2.4	31.0	2.4	28.4	2.3	26.8	2.2	25.2	2.1
	68.0	13.2	1.9	17.0	2.0	21.4	2.1	23.3	2.2	26.0	2.3	28.5	2.4	30.6	2.4	30.1	2.4	27.6	2.3	26.0	2.2	24.5	2.0
	71.6	12.5	1.9	16.2	1.9	20.4	2.1	22.2	2.1	24.7	2.2	27.1	2.3	29.1	2.3	28.6	2.3	26.2	2.2	24.7	2.1	23.3	2.0
	75.2	11.5	1.8	14.8	1.8	18.7	1.9	20.3	2.0	22.6	2.1	24.8	2.1	26.6	2.2	26.2	2.2	24.0	2.1	22.6	2.0	21.3	1.9
	77.0	11.2	1.7	14.5	1.8	18.2	1.9	19.8	1.9	22.1	2.0	24.2	2.1	26.0	2.1	25.6	2.1	23.4	2.0	22.1	1.9	20.8	1.8
	80.6	10.4	1.6	13.5	1.6	16.9	1.7	18.4	1.8	20.6	1.9	22.5	1.9	24.2	1.9	23.8	1.9	21.8	1.9	20.6	1.8	19.4	1.7
1059	60.8	14.0	2.0	18.1	2.0	22.7	2.2	24.7	2.2	27.6	2.3	30.2	2.4	32.5	2.5	31.9	2.4	29.2	2.3	27.6	2.2	26.0	2.1
	64.4	13.7	1.9	17.7	2.0	22.3	2.1	24.3	2.2	27.1	2.3	29.6	2.4	31.9	2.4	31.3	2.4	28.7	2.3	27.1	2.2	25.5	2.0
	68.0	13.4	1.9	17.4	2.0	21.9	2.1	23.8	2.1	26.5	2.3	29.0	2.3	31.2	2.4	30.7	2.4	28.1	2.3	26.5	2.1	25.0	2.0
	71.6	12.6	1.8	16.3	1.9	20.5	2.0	22.4	2.1	25.0	2.2	27.3	2.2	29.4	2.3	28.9	2.3	26.4	2.2	25.0	2.1	23.5	1.9
	75.2	11.5	1.7	14.9	1.8	18.8	1.9	20.5	1.9	22.8	2.0	25.0	2.1	26.9	2.1	26.4	2.1	24.2	2.0	22.8	1.9	21.5	1.8
	77.0	11.3	1.7	14.6	1.8	18.4	1.9	20.0	1.9	22.3	2.0	24.4	2.1	26.2	2.1	25.8	2.1	23.6	2.0	22.3	1.9	21.0	1.8
	80.6	10.5	1.5	13.5	1.6	17.0	1.7	18.6	1.7	20.7	1.8	22.7	1.9	24.4	1.9	23.9	1.9	21.9	1.8	20.7	1.7	19.5	1.6

Outdoor Unit:GUHD36NK3CO/GUHD36NM3CO Indoor Unit:GFH36K3CI

AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
		5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
1083	60.8	17.3	2.8	22.4	2.9	28.2	3.0	30.7	3.1	34.2	3.3	37.4	3.4	40.3	3.4	39.6	3.4	36.2	3.3	34.2	3.1	32.2	2.9		
	64.4	17.0	2.7	22.0	2.8	27.7	3.0	30.1	3.0	33.6	3.2	36.7	3.3	39.5	3.4	38.8	3.3	35.6	3.2	33.6	3.0	31.6	2.9		
	68.0	16.0	2.6	20.7	2.7	26.1	2.9	28.4	2.9	31.7	3.1	34.7	3.2	37.3	3.2	36.6	3.2	33.5	3.1	31.7	2.9	29.8	2.8		
	71.6	15.7	2.6	20.3	2.7	25.6	2.8	27.8	2.9	31.1	3.1	34.0	3.1	36.5	3.2	35.9	3.2	32.9	3.1	31.1	2.9	29.2	2.7		
	75.2	14.4	2.4	18.7	2.5	23.5	2.7	25.6	2.7	28.5	2.9	31.2	3.0	33.5	3.0	33.0	3.0	30.2	2.9	28.5	2.7	26.8	2.6		
	77.0	14.1	2.4	18.2	2.5	23.0	2.6	25.0	2.7	27.9	2.8	30.5	2.9	32.8	3.0	32.2	3.0	29.5	2.8	27.9	2.7	26.2	2.5		
	80.6	13.1	2.2	17.0	2.3	21.4	2.4	23.3	2.5	26.0	2.6	28.4	2.7	30.6	2.7	30.0	2.7	27.5	2.6	26.0	2.5	24.5	2.3		
1218	60.8	17.7	2.7	22.9	2.8	28.8	3.0	31.4	3.0	35.0	3.2	38.3	3.3	41.1	3.4	40.4	3.3	37.0	3.2	35.0	3.0	32.9	2.9		
	64.4	17.4	2.6	22.4	2.7	28.3	2.9	30.8	3.0	34.3	3.1	37.5	3.2	40.4	3.3	39.7	3.3	36.3	3.1	34.3	3.0	32.3	2.8		
	68.0	16.5	2.6	21.4	2.7	26.9	2.8	29.3	2.9	32.7	3.1	35.8	3.1	38.5	3.2	37.8	3.2	34.6	3.1	32.7	2.9	30.8	2.7		
	71.6	16.0	2.5	20.7	2.6	26.1	2.8	28.4	2.8	31.7	3.0	34.7	3.1	37.3	3.1	36.7	3.1	33.6	3.0	31.7	2.8	29.8	2.7		
	75.2	14.7	2.4	19.0	2.5	24.0	2.6	26.1	2.7	29.1	2.8	31.8	2.9	34.2	3.0	33.6	3.0	30.8	2.8	29.1	2.7	27.4	2.5		
	77.0	14.4	2.3	18.6	2.4	23.4	2.6	25.5	2.6	28.4	2.8	31.1	2.9	33.5	2.9	32.9	2.9	30.1	2.8	28.4	2.6	26.8	2.5		
	80.6	13.4	2.1	17.3	2.2	21.8	2.3	23.7	2.4	26.5	2.5	29.0	2.6	31.1	2.7	30.6	2.6	28.0	2.5	26.5	2.4	24.9	2.3		
1354	60.8	17.9	2.6	23.1	2.7	29.1	2.9	31.7	3.0	35.4	3.1	38.7	3.2	41.6	3.3	40.9	3.3	37.4	3.1	35.4	3.0	33.3	2.8		
	64.4	17.5	2.6	22.7	2.7	28.6	2.9	31.1	2.9	34.7	3.1	38.0	3.2	40.8	3.2	40.1	3.2	36.7	3.1	34.7	2.9	32.6	2.8		
	68.0	16.9	2.5	21.8	2.6	27.5	2.8	29.9	2.9	33.4	3.0	36.5	3.1	39.2	3.2	38.6	3.1	35.3	3.0	33.4	2.9	31.4	2.7		
	71.6	16.2	2.5	20.9	2.6	26.4	2.7	28.7	2.8	32.0	3.0	35.0	3.1	37.7	3.1	37.0	3.1	33.9	3.0	32.0	2.8	30.1	2.6		
	75.2	14.8	2.3	19.2	2.4	24.2	2.6	26.3	2.6	29.4	2.8	32.1	2.9	34.5	2.9	33.9	2.9	31.1	2.8	29.4	2.6	27.6	2.5		
	77.0	14.5	2.3	18.8	2.4	23.6	2.5	25.7	2.6	28.7	2.7	31.4	2.8	33.7	2.9	33.2	2.8	30.4	2.7	28.7	2.6	27.0	2.4		
	80.6	13.5	2.1	17.5	2.2	22.0	2.3	23.9	2.3	26.7	2.5	29.2	2.6	31.4	2.6	30.9	2.6	28.3	2.5	26.7	2.3	25.1	2.2		
1489	60.8	18.1	2.6	23.4	2.7	29.4	2.9	32.0	2.9	35.7	3.1	39.1	3.2	42.0	3.2	41.3	3.2	37.8	3.1	35.7	2.9	33.6	2.8		
	64.4	17.7	2.5	22.9	2.6	28.9	2.8	31.4	2.9	35.0	3.0	38.3	3.1	41.2	3.2	40.5	3.1	37.1	3.0	35.0	2.9	33.0	2.7		
	68.0	17.2	2.5	22.3	2.6	28.0	2.8	30.5	2.8	34.0	3.0	37.2	3.1	40.0	3.1	39.3	3.1	36.0	3.0	34.0	2.8	32.0	2.7		
	71.6	16.3	2.4	21.1	2.5	26.6	2.7	29.0	2.7	32.3	2.9	35.4	3.0	38.0	3.1	37.4	3.0	34.2	2.9	32.3	2.7	30.4	2.6		
	75.2	15.0	2.3	19.4	2.4	24.4	2.5	26.5	2.6	29.6	2.7	32.4	2.8	34.8	2.9	34.2	2.8	31.3	2.7	29.6	2.6	27.9	2.4		
	77.0	14.6	2.2	18.9	2.3	23.8	2.5	25.9	2.5	28.9	2.7	31.6	2.7	34.0	2.8	33.4	2.8	30.6	2.7	28.9	2.5	27.2	2.4		
	80.6	13.6	2.0	17.6	2.1	22.1	2.2	24.1	2.3	26.9	2.4	29.4	2.5	31.6	2.6	31.1	2.5	28.5	2.4	26.9	2.3	25.3	2.2		
1625	60.8	18.2	2.6	23.6	2.7	29.7	2.8	32.3	2.9	36.1	3.0	39.5	3.1	42.4	3.2	41.7	3.2	38.2	3.0	36.1	2.9	34.0	2.7		
	64.4	17.9	2.5	23.1	2.6	29.1	2.8	31.7	2.8	35.4	3.0	38.7	3.1	41.6	3.1	40.9	3.1	37.5	3.0	35.4	2.8	33.3	2.7		
	68.0	17.5	2.5	22.7	2.6	28.6	2.7	31.1	2.8	34.7	3.0	38.0	3.1	40.8	3.1	40.1	3.1	36.7	3.0	34.7	2.8	32.6	2.6		
	71.6	16.5	2.4	21.3	2.5	26.9	2.6	29.2	2.7	32.6	2.8	35.7	2.9	38.4	3.0	37.7	3.0	34.5	2.8	32.6	2.7	30.7	2.5		
	75.2	15.1	2.2	19.5	2.3	24.6	2.5	26.7	2.5	29.8	2.7	32.6	2.7	35.1	2.8	34.5	2.8	31.6	2.7	29.8	2.5	28.1	2.4		
	77.0	14.7	2.2	19.1	2.3	24.0	2.4	26.1	2.5	29.1	2.6	31.9	2.7	34.3	2.8	33.7	2.7	30.9	2.6	29.1	2.5	27.4	2.4		
	80.6	13.7	2.0	17.7	2.1	22.3	2.2	24.3	2.2	27.1	2.4	29.6	2.4	31.8	2.5	31.3	2.5	28.6	2.4	27.1	2.2	25.5	2.1		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD36NK3C1O/GUHD36NM3C1O Indoor Unit:GFH36K3CI

AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
		5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
1083	60.8	16.6	2.6	21.4	2.7	27.0	2.9	29.3	3.0	32.7	3.1	35.8	3.2	38.5	3.3	37.9	3.3	34.7	3.1	32.7	3.0	30.8	2.8		
	64.4	16.3	2.6	21.0	2.7	26.5	2.8	28.8	2.9	32.1	3.1	35.1	3.2	37.8	3.2	37.2	3.2	34.0	3.1	32.1	2.9	30.2	2.7		
	68.0	15.3	2.5	19.8	2.6	25.0	2.7	27.2	2.8	30.3	3.0	33.2	3.0	35.7	3.1	35.0	3.1	32.1	3.0	30.3	2.8	28.5	2.6		
	71.6	15.0	2.5	19.4	2.6	24.5	2.7	26.6	2.8	29.7	2.9	32.5	3.0	34.9	3.1	34.3	3.0	31.4	2.9	29.7	2.8	28.0	2.6		
	75.2	13.8	2.3	17.8	2.4	22.5	2.6	24.5	2.6	27.3	2.8	29.8	2.9	32.1	2.9	31.5	2.9	28.9	2.8	27.3	2.6	25.7	2.5		
	77.0	13.5	2.3	17.4	2.4	22.0	2.5	23.9	2.6	26.7	2.7	29.2	2.8	31.4	2.9	30.8	2.8	28.2	2.7	26.7	2.6	25.1	2.4		
	80.6	12.6	2.1	16.3	2.2	20.5	2.3	22.3	2.3	24.9	2.5	27.2	2.6	29.2	2.6	28.7	2.6	26.3	2.5	24.9	2.3	23.4	2.2		
1218	60.8	16.9	2.6	21.9	2.7	27.5	2.8	30.0	2.9	33.5	3.1	36.6	3.2	39.4	3.2	38.7	3.2	35.4	3.1	33.5	2.9	31.5	2.7		
	64.4	16.6	2.5	21.5	2.6	27.0	2.8	29.4	2.9	32.8	3.0	35.9	3.1	38.6	3.2	38.0	3.1	34.8	3.0	32.8	2.9	30.9	2.7		
	68.0	15.8	2.5	20.5	2.6	25.7	2.7	28.0	2.8	31.3	2.9	34.2	3.0	36.8	3.1	36.2	3.0	33.1	2.9	31.3	2.8	29.4	2.6		
	71.6	15.3	2.4	19.8	2.5	25.0	2.7	27.2	2.7	30.3	2.9	33.2	3.0	35.7	3.0	35.1	3.0	32.1	2.9	30.3	2.7	28.5	2.6		
	75.2	14.1	2.3	18.2	2.4	22.9	2.5	24.9	2.6	27.8	2.7	30.4	2.8	32.7	2.9	32.2	2.8	29.5	2.7	27.8	2.6	26.2	2.4		
	77.0	13.8	2.2	17.8	2.3	22.4	2.5	24.4	2.5	27.2	2.7	29.8	2.7	32.0	2.8	31.5	2.8	28.8	2.7	27.2	2.5	25.6	2.4		
	80.6	12.8	2.0	16.6	2.1	20.9	2.2	22.7	2.3	25.3	2.4	27.7	2.5	29.8	2.6	29.3	2.5	26.8	2.4	25.3	2.3	23.8	2.2		
1354	60.8	17.1	2.5	22.1	2.6	27.8	2.8	30.3	2.9	33.8	3.0	37.0	3.1	39.8	3.2	39.1	3.1	35.8	3.0	33.8	2.9	31.8	2.7		
	64.4	16.8	2.5	21.7	2.6	27.3	2.7	29.7	2.8	33.2	3.0	36.3	3.0	39.0	3.1	38.4	3.1	35.1	3.0	33.2	2.8	31.2	2.6		
	68.0	16.1	2.4	20.9	2.5	26.3	2.7	28.6	2.7	31.9	2.9	34.9	3.0	37.5	3.0	36.9	3.0	33.8	2.9	31.9	2.7	30.0	2.6		
	71.6	15.5	2.4	20.0	2.5	25.2	2.6	27.5	2.7	30.6	2.8	33.5	2.9	36.0	3.0	35.4	3.0	32.4	2.8	30.6	2.7	28.8	2.5		
	75.2	14.2	2.2	18.4	2.3	23.1	2.5	25.2	2.5	28.1	2.7	30.7	2.7	33.0	2.8	32.5	2.8	29.7	2.7	28.1	2.5	26.4	2.4		
	77.0	13.9	2.2	17.9	2.3	22.6	2.4	24.6	2.5	27.4	2.6	30.0	2.7	32.3	2.7	31.7	2.7	29.0	2.6	27.4	2.5	25.8	2.3		
	80.6	12.9	2.0	16.7	2.1	21.0	2.2	22.9	2.2	25.5	2.4	27.9	2.4	30.0	2.5	29.5	2.5	27.0	2.4	25.5	2.2	24.0	2.1		
1489	60.8	17.3	2.5	22.3	2.6	28.1	2.7	30.6	2.8	34.2	3.0	37.4	3.0	40.2	3.1	39.5	3.1	36.2	3.0	34.2	2.8	32.2	2.6		
	64.4	17.0	2.4	21.9	2.5	27.6	2.7	30.0	2.7	33.5	2.9	36.7	3.0	39.4	3.0	38.8	3.0	35.5	2.9	33.5	2.7	31.5	2.6		
	68.0	16.5	2.4	21.3	2.5	26.8	2.7	29.2	2.7	32.5	2.9	35.6	3.0	38.3	3.0	37.6	3.0	34.5	2.9	32.5	2.7	30.6	2.6		
	71.6	15.6	2.3	20.2	2.4	25.5	2.6	27.7	2.6	30.9	2.8	33.8	2.9	36.4	2.9	35.8	2.9	32.7	2.8	30.9	2.6	29.1	2.5		
	75.2	14.3	2.2	18.5	2.3	23.3	2.4	25.4	2.5	28.3	2.6	31.0	2.7	33.3	2.7	32.7	2.7	30.0	2.6	28.3	2.5	26.6	2.3		
	77.0	14.0	2.1	18.1	2.2	22.8	2.4	24.8	2.4	27.7	2.6	30.3	2.6	32.5	2.7	32.0	2.7	29.3	2.6	27.7	2.4	26.0	2.3		
	80.6	13.0	2.0	16.8	2.0	21.2	2.2	23.0	2.2	25.7	2.3	28.1	2.4	30.2	2.4	29.7	2.4	27.2	2.3	25.7	2.2	24.2	2.1		
1625	60.8	17.5	2.5	22.6	2.6	28.4	2.7	30.9	2.8	34.5	2.9	37.8	3.0	40.6	3.1	39.9	3.0	36.5	2.9	34.5	2.8	32.5	2.6		
	64.4	17.1	2.4	22.1	2.5	27.9	2.7	30.3	2.7	33.8	2.9	37.0	3.0	39.8	3.0	39.1	3.0	35.8	2.9	33.8	2.7	31.9	2.6		
	68.0	16.8	2.4	21.7	2.5	27.3	2.6	29.7	2.7	33.2	2.8	36.3	2.9	39.0	3.0	38.4	3.0	35.1	2.8	33.2	2.7	31.2	2.5		
	71.6	15.8	2.3	20.4	2.4	25.7	2.5	28.0	2.6	31.2	2.7	34.1	2.8	36.7	2.9	36.1	2.8	33.0	2.7	31.2	2.6	29.4	2.4		
	75.2	14.4	2.1	18.7	2.2	23.5	2.4	25.6	2.4	28.5	2.6	31.2	2.6	33.6	2.7	33.0	2.7	30.2	2.6	28.5	2.4	26.9	2.3		
	77.0	14.1	2.1	18.2	2.2	23.0	2.3	25.0	2.4	27.9	2.5	30.5	2.6	32.8	2.7	32.2	2.6	29.5	2.5	27.9	2.4	26.2	2.3		
	80.6	13.1	1.9	16.9	2.0	21.3	2.1	23.2	2.1	25.9	2.3	28.3	2.3	30.4	2.4	29.9	2.4	27.4	2.3	25.9	2.1	24.4	2.0		

Outdoor Unit:GUHD42NK3CO/GUHD42NM3CO Indoor Unit:GFH42K3CI

AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
		5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
1083	60.8	18.8	3.0	24.3	3.1	30.6	3.3	33.3	3.4	37.2	3.6	40.7	3.7	43.8	3.7	43.0	3.7	39.4	3.6	37.2	3.4	35.0	3.2		
	64.4	18.5	2.9	23.9	3.0	30.1	3.2	32.7	3.3	36.5	3.5	39.9	3.6	42.9	3.7	42.2	3.6	38.7	3.5	36.5	3.3	34.4	3.1		
	68.0	17.4	2.8	22.5	2.9	28.4	3.1	30.9	3.2	34.4	3.4	37.7	3.5	40.5	3.5	39.8	3.5	36.5	3.4	34.4	3.2	32.4	3.0		
	71.6	17.1	2.8	22.1	2.9	27.8	3.1	30.3	3.1	33.8	3.3	36.9	3.4	39.7	3.5	39.0	3.5	35.7	3.3	33.8	3.1	31.8	3.0		
	75.2	15.7	2.7	20.3	2.8	25.5	2.9	27.8	3.0	31.0	3.2	33.9	3.3	36.5	3.3	35.8	3.3	32.8	3.2	31.0	3.0	29.2	2.8		
	77.0	15.3	2.6	19.8	2.7	25.0	2.9	27.2	2.9	30.3	3.1	33.2	3.2	35.7	3.2	35.0	3.2	32.1	3.1	30.3	2.9	28.5	2.8		
	80.6	14.3	2.4	18.5	2.5	23.3	2.6	25.3	2.7	28.2	2.8	30.9	2.9	33.2	3.0	32.7	2.9	29.9	2.8	28.2	2.7	26.6	2.5		
1218	60.8	19.2	2.9	24.9	3.0	31.3	3.2	34.1	3.3	38.0	3.5	41.6	3.6	44.7	3.7	44.0	3.6	40.3	3.5	38.0	3.3	35.8	3.1		
	64.4	18.9	2.9	24.4	3.0	30.7	3.2	33.4	3.2	37.3	3.4	40.8	3.5	43.9	3.6	43.1	3.6	39.5	3.4	37.3	3.2	35.1	3.1		
	68.0	18.0	2.8	23.2	2.9	29.3	3.1	31.8	3.1	35.5	3.3	38.9	3.4	41.8	3.5	41.1	3.5	37.6	3.3	35.5	3.1	33.4	3.0		
	71.6	17.4	2.7	22.5	2.8	28.4	3.0	30.9	3.1	34.5	3.3	37.7	3.4	40.5	3.4	39.9	3.4	36.5	3.3	34.5	3.1	32.4	2.9		
	75.2	16.0	2.6	20.7	2.7	26.0	2.9	28.3	2.9	31.6	3.1	34.6	3.2	37.2	3.2	36.6	3.2	33.5	3.1	31.6	2.9	29.8	2.8		
	77.0	15.6	2.5	20.2	2.6	25.5	2.8	27.7	2.9	30.9	3.0	33.8	3.1	36.4	3.2	35.7	3.1	32.7	3.0	30.9	2.9	29.1	2.7		
	80.6	14.6	2.3	18.8	2.4	23.7	2.6	25.8	2.6	28.8	2.8	31.5	2.8	33.9	2.9	33.3	2.9	30.5	2.8	28.8	2.6	27.1	2.5		
1354	60.8	19.4	2.9	25.1	3.0	31.6	3.2	34.4	3.2	38.4	3.4	42.0	3.5	45.2	3.6	44.4	3.6	40.7	3.4	38.4	3.2	36.2	3.1		
	64.4	19.1	2.8	24.7	2.9	31.0	3.1	33.8	3.2	37.7	3.4	41.3	3.5	44.4	3.5	43.6	3.5	39.9	3.4	37.7	3.2	35.5	3.0		
	68.0	18.3	2.8	23.7	2.9	29.9	3.0	32.5	3.1	36.3	3.3	39.7	3.4	42.7	3.5	41.9	3.4	38.4	3.3	36.3	3.1	34.1	2.9		
	71.6	17.6	2.7	22.8	2.8	28.7	3.0	31.2	3.1	34.8	3.2	38.1	3.3	40.9	3.4	40.2	3.4	36.8	3.2	34.8	3.1	32.8	2.9		
	75.2	16.1	2.5	20.9	2.6	26.3	2.8	28.6	2.9	31.9	3.0	34.9	3.1	37.5	3.2	36.9	3.2	33.8	3.0	31.9	2.9	30.0	2.7		
	77.0	15.8	2.5	20.4	2.6	25.7	2.7	27.9	2.8	31.2	3.0	34.1	3.1	36.7	3.1	36.1	3.1	33.0	3.0	31.2	2.8	29.3	2.6		
	80.6	14.7	2.3	19.0	2.4	23.9	2.5	26.0	2.6	29.0	2.7	31.7	2.8	34.1	2.8	33.5	2.8	30.7	2.7	29.0	2.6	27.3	2.4		
1489	60.8	19.6	2.8	25.4	2.9	32.0	3.1	34.8	3.2	38.8	3.4	42.5	3.5	45.7	3.5	44.9	3.5	41.1	3.4	38.8	3.2	36.5	3.0		
	64.4	19.3	2.8	24.9	2.9	31.4	3.0	34.1	3.1	38.1	3.3	41.7	3.4	44.8	3.5	44.0	3.4	40.3	3.3	38.1	3.1	35.8	2.9		
	68.0	18.7	2.7	24.2	2.8	30.5	3.0	33.1	3.1	37.0	3.3	40.5	3.4	43.5	3.4	42.8	3.4	39.2	3.3	37.0	3.1	34.8	2.9		
	71.6	17.8	2.7	23.0	2.8	28.9	2.9	31.5	3.0	35.1	3.2	38.4	3.3	41.3	3.3	40.6	3.3	37.2	3.2	35.1	3.0	33.1	2.8		
	75.2	16.3	2.5	21.0	2.6	26.5	2.7	28.8	2.8	32.2	3.0	35.2	3.1	37.8	3.1	37.2	3.1	34.1	3.0	32.2	2.8	30.3	2.6		
	77.0	15.9	2.4	20.6	2.5	25.9	2.7	28.2	2.7	31.4	2.9	34.4	3.0	37.0	3.0	36.3	3.0	33.3	2.9	31.4	2.7	29.6	2.6		
	80.6	14.8	2.2	19.1	2.3	24.1	2.4	26.2	2.5	29.2	2.6	32.0	2.7	34.4	2.8	33.8	2.7	30.9	2.6	29.2	2.5	27.5	2.4		
1625	60.8	19.8	2.8	25.6	2.9	32.3	3.1	35.2	3.1	39.2	3.3	42.9	3.4	46.1	3.5	45.3	3.5	41.5	3.3	39.2	3.1	36.9	3.0		
	64.4	19.5	2.7	25.2	2.8	31.7	3.0	34.5	3.1	38.5	3.3	42.1	3.4	45.2	3.4	44.5	3.4	40.7	3.3	38.5	3.1	36.2	2.9		
	68.0	19.1	2.7	24.7	2.8	31.0	3.0	33.8	3.1	37.7	3.2	41.3	3.3	44.4	3.4	43.6	3.4	39.9	3.2	37.7	3.1	35.5	2.9		
	71.6	17.9	2.6	23.2	2.7	29.2	2.9	31.8	2.9	35.4	3.1	38.8	3.2	41.7	3.3	41.0	3.2	37.5	3.1	35.4	2.9	33.4	2.8		
	75.2	16.4	2.4	21.2	2.5	26.7	2.7	29.1	2.7	32.4	2.9	35.5	3.0	38.1	3.1	37.5	3.0	34.3	2.9	32.4	2.7	30.5	2.6		
	77.0	16.0	2.4	20.7	2.5	26.1	2.7	28.4	2.7	31.7	2.9	34.7	3.0	37.3	3.0	36.6	3.0	33.5	2.9	31.7	2.7	29.8	2.6		
	80.6	14.9	2.2	19.2	2.3	24.2	2.4	26.4	2.4	29.4	2.6	32.2	2.7	34.6	2.7	34.0	2.7	31.1	2.6	29.4	2.4	27.7	2.3		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD42NK3C1O/GUHD42NM3C1O Indoor Unit:GFH42K3CI

AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
		5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
1083	60.8	18.8	3.0	24.3	3.1	30.6	3.3	33.3	3.4	37.2	3.6	40.7	3.7	43.8	3.7	43.0	3.7	39.4	3.6	37.2	3.4	35.0	3.2		
	64.4	18.5	2.9	23.9	3.0	30.1	3.2	32.7	3.3	36.5	3.5	39.9	3.6	42.9	3.7	42.2	3.6	38.7	3.5	36.5	3.3	34.4	3.1		
	68.0	17.4	2.8	22.5	2.9	28.4	3.1	30.9	3.2	34.4	3.4	37.7	3.5	40.5	3.5	39.8	3.5	36.5	3.4	34.4	3.2	32.4	3.0		
	71.6	17.1	2.8	22.1	2.9	27.8	3.1	30.3	3.1	33.8	3.3	36.9	3.4	39.7	3.5	39.0	3.5	35.7	3.3	33.8	3.1	31.8	3.0		
	75.2	15.7	2.7	20.3	2.8	25.5	2.9	27.8	3.0	31.0	3.2	33.9	3.3	36.5	3.3	35.8	3.3	32.8	3.2	31.0	3.0	29.2	2.8		
	77.0	15.3	2.6	19.8	2.7	25.0	2.9	27.2	2.9	30.3	3.1	33.2	3.2	35.7	3.2	35.0	3.2	32.1	3.1	30.3	2.9	28.5	2.8		
	80.6	14.3	2.4	18.5	2.5	23.3	2.6	25.3	2.7	28.2	2.8	30.9	2.9	33.2	3.0	32.7	2.9	29.9	2.8	28.2	2.7	26.6	2.5		
1218	60.8	19.2	2.9	24.9	3.0	31.3	3.2	34.1	3.3	38.0	3.5	41.6	3.6	44.7	3.7	44.0	3.6	40.3	3.5	38.0	3.3	35.8	3.1		
	64.4	18.9	2.9	24.4	3.0	30.7	3.2	33.4	3.2	37.3	3.4	40.8	3.5	43.9	3.6	43.1	3.6	39.5	3.4	37.3	3.2	35.1	3.1		
	68.0	18.0	2.8	23.2	2.9	29.3	3.1	31.8	3.1	35.5	3.3	38.9	3.4	41.8	3.5	41.1	3.5	37.6	3.3	35.5	3.1	33.4	3.0		
	71.6	17.4	2.7	22.5	2.8	28.4	3.0	30.9	3.1	34.5	3.3	37.7	3.4	40.5	3.4	39.9	3.4	36.5	3.3	34.5	3.1	32.4	2.9		
	75.2	16.0	2.6	20.7	2.7	26.0	2.9	28.3	2.9	31.6	3.1	34.6	3.2	37.2	3.2	36.6	3.2	33.5	3.1	31.6	2.9	29.8	2.8		
	77.0	15.6	2.5	20.2	2.6	25.5	2.8	27.7	2.9	30.9	3.0	33.8	3.1	36.4	3.2	35.7	3.1	32.7	3.0	30.9	2.9	29.1	2.7		
	80.6	14.6	2.3	18.8	2.4	23.7	2.6	25.8	2.6	28.8	2.8	31.5	2.8	33.9	2.9	33.3	2.9	30.5	2.8	28.8	2.6	27.1	2.5		
1354	60.8	19.4	2.9	25.1	3.0	31.6	3.2	34.4	3.2	38.4	3.4	42.0	3.5	45.2	3.6	44.4	3.6	40.7	3.4	38.4	3.2	36.2	3.1		
	64.4	19.1	2.8	24.7	2.9	31.0	3.1	33.8	3.2	37.7	3.4	41.3	3.5	44.4	3.5	43.6	3.5	39.9	3.4	37.7	3.2	35.5	3.0		
	68.0	18.3	2.8	23.7	2.9	29.9	3.0	32.5	3.1	36.3	3.3	39.7	3.4	42.7	3.5	41.9	3.4	38.4	3.3	36.3	3.1	34.1	2.9		
	71.6	17.6	2.7	22.8	2.8	28.7	3.0	31.2	3.1	34.8	3.2	38.1	3.3	40.9	3.4	40.2	3.4	36.8	3.2	34.8	3.1	32.8	2.9		
	75.2	16.1	2.5	20.9	2.6	26.3	2.8	28.6	2.9	31.9	3.0	34.9	3.1	37.5	3.2	36.9	3.2	33.8	3.0	31.9	2.9	30.0	2.7		
	77.0	15.8	2.5	20.4	2.6	25.7	2.7	27.9	2.8	31.2	3.0	34.1	3.1	36.7	3.1	36.1	3.1	33.0	3.0	31.2	2.8	29.3	2.6		
	80.6	14.7	2.3	19.0	2.4	23.9	2.5	26.0	2.6	29.0	2.7	31.7	2.8	34.1	2.8	33.5	2.8	30.7	2.7	29.0	2.6	27.3	2.4		
1489	60.8	19.6	2.8	25.4	2.9	32.0	3.1	34.8	3.2	38.8	3.4	42.5	3.5	45.7	3.5	44.9	3.5	41.1	3.4	38.8	3.2	36.5	3.0		
	64.4	19.3	2.8	24.9	2.9	31.4	3.0	34.1	3.1	38.1	3.3	41.7	3.4	44.8	3.5	44.0	3.4	40.3	3.3	38.1	3.1	35.8	2.9		
	68.0	18.7	2.7	24.2	2.8	30.5	3.0	33.1	3.1	37.0	3.3	40.5	3.4	43.5	3.4	42.8	3.4	39.2	3.3	37.0	3.1	34.8	2.9		
	71.6	17.8	2.7	23.0	2.8	28.9	2.9	31.5	3.0	35.1	3.2	38.4	3.3	41.3	3.3	40.6	3.3	37.2	3.2	35.1	3.0	33.1	2.8		
	75.2	16.3	2.5	21.0	2.6	26.5	2.7	28.8	2.8	32.2	3.0	35.2	3.1	37.8	3.1	37.2	3.1	34.1	3.0	32.2	2.8	30.3	2.6		
	77.0	15.9	2.4	20.6	2.5	25.9	2.7	28.2	2.7	31.4	2.9	34.4	3.0	37.0	3.0	36.3	3.0	33.3	2.9	31.4	2.7	29.6	2.6		
	80.6	14.8	2.2	19.1	2.3	24.1	2.4	26.2	2.5	29.2	2.6	32.0	2.7	34.4	2.8	33.8	2.7	30.9	2.6	29.2	2.5	27.5	2.4		
1625	60.8	19.8	2.8	25.6	2.9	32.3	3.1	35.2	3.1	39.2	3.3	42.9	3.4	46.1	3.5	45.3	3.5	41.5	3.3	39.2	3.1	36.9	3.0		
	64.4	19.5	2.7	25.2	2.8	31.7	3.0	34.5	3.1	38.5	3.3	42.1	3.4	45.2	3.4	44.5	3.4	40.7	3.3	38.5	3.1	36.2	2.9		
	68.0	19.1	2.7	24.7	2.8	31.0	3.0	33.8	3.1	37.7	3.2	41.3	3.3	44.4	3.4	43.6	3.4	39.9	3.2	37.7	3.1	35.5	2.9		
	71.6	17.9	2.6	23.2	2.7	29.2	2.9	31.8	2.9	35.4	3.1	38.8	3.2	41.7	3.3	41.0	3.2	37.5	3.1	35.4	2.9	33.4	2.8		
	75.2	16.4	2.4	21.2	2.5	26.7	2.7	29.1	2.7	32.4	2.9	35.5	3.0	38.1	3.1	37.5	3.0	34.3	2.9	32.4	2.7	30.5	2.6		
	77.0	16.0	2.4	20.7	2.5	26.1	2.7	28.4	2.7	31.7	2.9	34.7	3.0	37.3	3.0	36.6	3.0	33.5	2.9	31.7	2.7	29.8	2.6		
	80.6	14.9	2.2	19.2	2.3	24.2	2.4	26.4	2.4	29.4	2.6	32.2	2.7	34.6	2.7	34.0	2.7	31.1	2.6	29.4	2.4	27.7	2.3		

Outdoor Unit:GUHD48NK3CO/GUHD48NM3CO Indoor Unit:GFH48K3CI

AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
		5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
1177	60.8	24.8	3.9	32.1	4.0	40.4	4.3	44.0	4.4	49.1	4.6	53.7	4.8	57.8	4.9	56.8	4.8	52.0	4.6	49.1	4.4	46.2	4.1		
	64.4	24.4	3.8	31.5	4.0	39.7	4.2	43.2	4.3	48.2	4.5	52.7	4.7	56.7	4.8	55.7	4.7	51.0	4.5	48.2	4.3	45.4	4.1		
	68.0	23.0	3.7	29.7	3.8	37.4	4.0	40.8	4.1	45.5	4.4	49.7	4.5	53.5	4.6	52.6	4.5	48.1	4.4	45.5	4.1	42.8	3.9		
	71.6	22.5	3.6	29.1	3.8	36.7	4.0	39.9	4.1	44.6	4.3	48.7	4.5	52.4	4.5	51.5	4.5	47.2	4.3	44.6	4.1	41.9	3.9		
	75.2	20.7	3.5	26.8	3.6	33.7	3.8	36.7	3.9	40.9	4.1	44.8	4.2	48.1	4.3	47.3	4.3	43.3	4.1	40.9	3.9	38.5	3.7		
	77.0	20.2	3.4	26.2	3.5	32.9	3.7	35.9	3.8	40.0	4.0	43.8	4.1	47.1	4.2	46.3	4.2	42.4	4.0	40.0	3.8	37.7	3.6		
	80.6	18.9	3.1	24.4	3.2	30.7	3.4	33.4	3.5	37.3	3.7	40.8	3.8	43.9	3.9	43.1	3.8	39.5	3.7	37.3	3.5	35.1	3.3		
1324	60.8	25.4	3.8	32.8	4.0	41.3	4.2	45.0	4.3	50.2	4.5	54.9	4.7	59.0	4.8	58.0	4.7	53.1	4.5	50.2	4.3	47.2	4.1		
	64.4	24.9	3.7	32.2	3.9	40.6	4.1	44.1	4.2	49.2	4.4	53.9	4.6	57.9	4.7	56.9	4.6	52.1	4.4	49.2	4.2	46.3	4.0		
	68.0	23.7	3.6	30.7	3.8	38.6	4.0	42.0	4.1	46.9	4.3	51.3	4.5	55.2	4.5	54.2	4.5	49.7	4.3	46.9	4.1	44.1	3.9		
	71.6	23.0	3.6	29.8	3.7	37.5	3.9	40.8	4.0	45.5	4.2	49.8	4.4	53.5	4.5	52.6	4.4	48.2	4.2	45.5	4.0	42.8	3.8		
	75.2	21.1	3.4	27.3	3.5	34.4	3.7	37.4	3.8	41.7	4.0	45.7	4.1	49.1	4.2	48.3	4.2	44.2	4.0	41.7	3.8	39.3	3.6		
	77.0	20.6	3.3	26.7	3.4	33.6	3.6	36.6	3.7	40.8	3.9	44.6	4.1	48.0	4.1	47.2	4.1	43.2	3.9	40.8	3.7	38.4	3.5		
	80.6	19.2	3.0	24.8	3.1	31.3	3.3	34.1	3.4	38.0	3.6	41.6	3.7	44.7	3.8	43.9	3.7	40.2	3.6	38.0	3.4	35.8	3.2		
1472	60.8	25.7	3.7	33.2	3.9	41.8	4.1	45.5	4.2	50.7	4.4	55.5	4.6	59.7	4.7	58.7	4.6	53.7	4.4	50.7	4.2	47.7	4.0		
	64.4	25.2	3.7	32.6	3.8	41.0	4.0	44.6	4.1	49.8	4.4	54.5	4.5	58.5	4.6	57.6	4.5	52.7	4.4	49.8	4.1	46.8	3.9		
	68.0	24.2	3.6	31.3	3.7	39.4	4.0	42.9	4.1	47.9	4.3	52.4	4.4	56.3	4.5	55.3	4.5	50.7	4.3	47.9	4.1	45.0	3.8		
	71.6	23.2	3.5	30.0	3.7	37.8	3.9	41.2	4.0	45.9	4.2	50.3	4.3	54.0	4.4	53.1	4.4	48.6	4.2	45.9	4.0	43.2	3.7		
	75.2	21.3	3.3	27.5	3.4	34.7	3.6	37.8	3.7	42.1	3.9	46.1	4.1	49.5	4.1	48.7	4.1	44.6	3.9	42.1	3.7	39.6	3.5		
	77.0	20.8	3.2	26.9	3.4	33.9	3.6	36.9	3.6	41.2	3.8	45.0	4.0	48.4	4.1	47.6	4.0	43.6	3.8	41.2	3.6	38.7	3.4		
	80.6	19.4	3.0	25.0	3.1	31.5	3.2	34.3	3.3	38.3	3.5	41.9	3.6	45.0	3.7	44.3	3.7	40.5	3.5	38.3	3.3	36.0	3.1		
1619	60.8	25.9	3.7	33.5	3.8	42.2	4.0	45.9	4.1	51.3	4.4	56.1	4.5	60.3	4.6	59.3	4.5	54.3	4.4	51.3	4.1	48.2	3.9		
	64.4	25.4	3.6	32.9	3.7	41.4	4.0	45.1	4.0	50.3	4.3	55.0	4.4	59.1	4.5	58.1	4.5	53.2	4.3	50.3	4.0	47.3	3.8		
	68.0	24.7	3.6	31.9	3.7	40.2	3.9	43.8	4.0	48.8	4.2	53.4	4.4	57.4	4.5	56.4	4.4	51.7	4.2	48.8	4.0	45.9	3.8		
	71.6	23.5	3.5	30.3	3.6	38.2	3.8	41.6	3.9	46.4	4.1	50.7	4.2	54.6	4.3	53.6	4.3	49.1	4.1	46.4	3.9	43.6	3.7		
	75.2	21.5	3.2	27.8	3.4	35.0	3.6	38.1	3.6	42.5	3.9	46.5	4.0	50.0	4.1	49.1	4.0	45.0	3.9	42.5	3.6	40.0	3.4		
	77.0	21.0	3.2	27.1	3.3	34.2	3.5	37.2	3.6	41.5	3.8	45.4	3.9	48.8	4.0	48.0	3.9	43.9	3.8	41.5	3.6	39.0	3.4		
	80.6	19.5	2.9	25.2	3.0	31.8	3.2	34.6	3.2	38.6	3.4	42.2	3.5	45.4	3.6	44.6	3.6	40.8	3.4	38.6	3.2	36.3	3.1		
1766	60.8	26.2	3.6	33.9	3.8	42.6	4.0	46.4	4.1	51.8	4.4	56.6	4.5	60.9	4.6	59.9	4.5	54.8	4.3	51.8	4.1	48.7	3.9		
	64.4	25.7	3.6	33.2	3.7	41.8	3.9	45.5	4.0	50.8	4.2	55.5	4.4	59.7	4.5	58.7	4.4	53.7	4.2	50.8	4.0	47.8	3.8		
	68.0	25.2	3.5	32.6	3.7	41.0	3.9	44.6	4.0	49.8	4.2	54.5	4.3	58.5	4.4	57.6	4.4	52.7	4.2	49.8	4.0	46.8	3.7		
	71.6	23.7	3.4	30.6	3.5	38.5	3.7	41.9	3.8	46.8	4.0	51.2	4.1	55.0	4.2	54.1	4.2	49.5	4.0	46.8	3.8	44.0	3.6		
	75.2	21.7	3.2	28.0	3.3	35.2	3.5	38.4	3.6	42.8	3.8	46.8	3.9	50.4	4.0	49.5	3.9	45.3	3.8	42.8	3.6	40.3	3.4		
	77.0	21.1	3.1	27.3	3.3	34.4	3.5	37.5	3.5	41.8	3.7	45.7	3.8	49.2	3.9	48.3	3.9	44.3	3.7	41.8	3.5	39.3	3.3		
	80.6	19.6	2.8	25.4	2.9	32.0	3.1	34.8	3.2	38.8	3.4	42.5	3.5	45.7	3.5	44.9	3.5	41.1	3.4	38.8	3.2	36.5	3.0		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD48NK3C1O/GUHD48NM3C1O Indoor Unit:GFH48K3CI

AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
		5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
1177	60.8	24.1	3.8	31.1	4.0	39.2	4.2	42.7	4.3	47.6	4.6	52.1	4.7	56.0	4.8	55.1	4.7	50.4	4.6	47.6	4.3	44.8	4.1		
	64.4	23.6	3.8	30.6	3.9	38.5	4.1	41.9	4.2	46.7	4.5	51.1	4.6	55.0	4.7	54.0	4.7	49.5	4.5	46.7	4.2	44.0	4.0		
	68.0	22.3	3.6	28.8	3.8	36.3	4.0	39.5	4.1	44.1	4.3	48.2	4.4	51.9	4.5	51.0	4.5	46.7	4.3	44.1	4.1	41.5	3.8		
	71.6	21.9	3.6	28.3	3.7	35.6	3.9	38.7	4.0	43.2	4.2	47.3	4.4	50.8	4.5	50.0	4.4	45.7	4.2	43.2	4.0	40.7	3.8		
	75.2	20.1	3.4	26.0	3.5	32.7	3.7	35.6	3.8	39.7	4.0	43.4	4.2	46.7	4.2	45.9	4.2	42.0	4.0	39.7	3.8	37.3	3.6		
	77.0	19.6	3.3	25.4	3.5	31.9	3.7	34.8	3.7	38.8	3.9	42.4	4.1	45.6	4.2	44.9	4.1	41.1	3.9	38.8	3.7	36.5	3.5		
	80.6	18.3	3.0	23.6	3.2	29.8	3.3	32.4	3.4	36.1	3.6	39.6	3.7	42.5	3.8	41.8	3.8	38.3	3.6	36.1	3.4	34.0	3.2		
1324	60.8	24.6	3.8	31.8	3.9	40.1	4.1	43.6	4.2	48.7	4.5	53.2	4.6	57.2	4.7	56.3	4.7	51.5	4.5	48.7	4.2	45.8	4.0		
	64.4	24.2	3.7	31.2	3.8	39.3	4.1	42.8	4.1	47.7	4.4	52.2	4.5	56.2	4.6	55.2	4.6	50.6	4.4	47.7	4.1	44.9	3.9		
	68.0	23.0	3.6	29.7	3.7	37.5	3.9	40.8	4.0	45.5	4.3	49.8	4.4	53.5	4.5	52.6	4.4	48.2	4.3	45.5	4.0	42.8	3.8		
	71.6	22.3	3.5	28.9	3.6	36.3	3.9	39.5	3.9	44.1	4.2	48.3	4.3	51.9	4.4	51.0	4.3	46.7	4.2	44.1	3.9	41.5	3.7		
	75.2	20.5	3.3	26.5	3.5	33.3	3.7	36.3	3.7	40.5	4.0	44.3	4.1	47.6	4.2	46.8	4.1	42.9	4.0	40.5	3.7	38.1	3.5		
	77.0	20.0	3.3	25.9	3.4	32.6	3.6	35.5	3.7	39.6	3.9	43.3	4.0	46.5	4.1	45.8	4.0	41.9	3.9	39.6	3.7	37.2	3.5		
	80.6	18.6	3.0	24.1	3.1	30.3	3.3	33.0	3.3	36.8	3.5	40.3	3.6	43.3	3.7	42.6	3.7	39.0	3.5	36.8	3.3	34.7	3.2		
1472	60.8	24.9	3.7	32.2	3.8	40.5	4.1	44.1	4.1	49.2	4.4	53.8	4.5	57.9	4.6	56.9	4.6	52.1	4.4	49.2	4.1	46.3	3.9		
	64.4	24.4	3.6	31.6	3.8	39.7	4.0	43.3	4.1	48.3	4.3	52.8	4.4	56.8	4.5	55.8	4.5	51.1	4.3	48.3	4.1	45.4	3.8		
	68.0	23.5	3.5	30.4	3.7	38.2	3.9	41.6	4.0	46.4	4.2	50.8	4.3	54.6	4.4	53.7	4.4	49.1	4.2	46.4	4.0	43.7	3.8		
	71.6	22.5	3.5	29.1	3.6	36.7	3.8	39.9	3.9	44.5	4.1	48.7	4.3	52.4	4.3	51.5	4.3	47.2	4.1	44.5	3.9	41.9	3.7		
	75.2	20.7	3.3	26.7	3.4	33.6	3.6	36.6	3.7	40.8	3.9	44.7	4.0	48.0	4.1	47.2	4.0	43.2	3.9	40.8	3.7	38.4	3.5		
	77.0	20.2	3.2	26.1	3.3	32.9	3.5	35.8	3.6	39.9	3.8	43.7	3.9	46.9	4.0	46.2	3.9	42.3	3.8	39.9	3.6	37.6	3.4		
	80.6	18.8	2.9	24.3	3.0	30.6	3.2	33.3	3.3	37.1	3.5	40.6	3.6	43.7	3.6	42.9	3.6	39.3	3.5	37.1	3.3	34.9	3.1		
1619	60.8	25.1	3.6	32.5	3.7	40.9	4.0	44.6	4.1	49.7	4.3	54.4	4.4	58.5	4.5	57.5	4.5	52.6	4.3	49.7	4.1	46.8	3.8		
	64.4	24.7	3.5	31.9	3.7	40.1	3.9	43.7	4.0	48.8	4.2	53.3	4.3	57.4	4.4	56.4	4.4	51.6	4.2	48.8	4.0	45.9	3.8		
	68.0	23.9	3.5	31.0	3.6	39.0	3.9	42.4	3.9	47.3	4.2	51.8	4.3	55.7	4.4	54.7	4.3	50.1	4.2	47.3	3.9	44.5	3.7		
	71.6	22.7	3.4	29.4	3.5	37.0	3.7	40.3	3.8	45.0	4.0	49.2	4.2	52.9	4.3	52.0	4.2	47.6	4.0	45.0	3.8	42.3	3.6		
	75.2	20.8	3.2	26.9	3.3	33.9	3.5	36.9	3.6	41.2	3.8	45.1	3.9	48.4	4.0	47.6	4.0	43.6	3.8	41.2	3.6	38.8	3.4		
	77.0	20.4	3.1	26.3	3.2	33.1	3.4	36.1	3.5	40.2	3.7	44.0	3.8	47.3	3.9	46.5	3.9	42.6	3.7	40.2	3.5	37.9	3.3		
	80.6	18.9	2.8	24.5	2.9	30.8	3.1	33.5	3.2	37.4	3.4	40.9	3.5	44.0	3.6	43.2	3.5	39.6	3.4	37.4	3.2	35.2	3.0		
1766	60.8	25.4	3.6	32.8	3.7	41.3	3.9	45.0	4.0	50.2	4.3	54.9	4.4	59.0	4.5	58.0	4.4	53.1	4.2	50.2	4.0	47.2	3.8		
	64.4	24.9	3.5	32.2	3.6	40.5	3.9	44.1	3.9	49.2	4.2	53.9	4.3	57.9	4.4	56.9	4.3	52.1	4.2	49.2	3.9	46.3	3.7		
	68.0	24.4	3.5	31.6	3.6	39.7	3.8	43.3	3.9	48.3	4.1	52.8	4.3	56.8	4.3	55.8	4.3	51.1	4.1	48.3	3.9	45.4	3.7		
	71.6	22.9	3.3	29.7	3.5	37.4	3.7	40.7	3.8	45.4	4.0	49.6	4.1	53.4	4.2	52.5	4.1	48.0	4.0	45.4	3.8	42.7	3.5		
	75.2	21.0	3.1	27.1	3.2	34.2	3.4	37.2	3.5	41.5	3.7	45.4	3.8	48.8	3.9	48.0	3.9	43.9	3.7	41.5	3.5	39.1	3.3		
	77.0	20.5	3.1	26.5	3.2	33.4	3.4	36.3	3.5	40.5	3.7	44.4	3.8	47.7	3.9	46.9	3.8	42.9	3.7	40.5	3.5	38.2	3.3		
	80.6	19.0	2.8	24.6	2.9	31.0	3.1	33.7	3.1	37.6	3.3	41.2	3.4	44.3	3.5	43.5	3.4	39.9	3.3	37.6	3.1	35.4	3.0		

Outdoor Unit:GUHD60NM3CO/GUHD60NM3C1O Indoor Unit:GFH60K3CI

AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
		5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
1483	60.8	27.1	4.3	35.0	4.5	44.1	4.7	48.0	4.8	53.6	5.1	58.6	5.3	63.0	5.4	61.9	5.3	56.7	5.1	53.6	4.8	50.4	4.6		
	64.4	26.6	4.2	34.4	4.4	43.3	4.6	47.1	4.8	52.6	5.0	57.5	5.2	61.8	5.3	60.8	5.2	55.7	5.0	52.6	4.8	49.5	4.5		
	68.0	25.1	4.1	32.4	4.2	40.8	4.5	44.5	4.6	49.6	4.8	54.3	5.0	58.3	5.1	57.4	5.0	52.5	4.8	49.6	4.6	46.7	4.3		
	71.6	24.6	4.0	31.8	4.2	40.0	4.4	43.6	4.5	48.6	4.8	53.2	4.9	57.2	5.0	56.2	5.0	51.5	4.8	48.6	4.5	45.7	4.3		
	75.2	22.6	3.8	29.2	4.0	36.8	4.2	40.0	4.3	44.6	4.5	48.8	4.7	52.5	4.8	51.6	4.7	47.3	4.5	44.6	4.3	42.0	4.1		
	77.0	22.1	3.7	28.5	3.9	35.9	4.1	39.1	4.2	43.6	4.4	47.7	4.6	51.3	4.7	50.5	4.6	46.2	4.4	43.6	4.2	41.1	4.0		
	80.6	20.6	3.4	26.6	3.5	33.5	3.8	36.5	3.8	40.7	4.1	44.5	4.2	47.8	4.3	47.0	4.2	43.1	4.1	40.7	3.8	38.3	3.6		
1669	60.8	27.7	4.2	35.8	4.4	45.1	4.6	49.1	4.8	54.7	5.0	59.9	5.2	64.4	5.3	63.3	5.2	58.0	5.0	54.7	4.8	51.5	4.5		
	64.4	27.2	4.1	35.1	4.3	44.2	4.6	48.2	4.7	53.7	4.9	58.8	5.1	63.2	5.2	62.1	5.1	56.9	4.9	53.7	4.7	50.6	4.4		
	68.0	25.9	4.0	33.5	4.2	42.1	4.4	45.9	4.5	51.2	4.8	56.0	4.9	60.2	5.0	59.2	5.0	54.2	4.8	51.2	4.5	48.2	4.3		
	71.6	25.1	3.9	32.5	4.1	40.9	4.3	44.5	4.4	49.6	4.7	54.3	4.8	58.4	4.9	57.4	4.9	52.5	4.7	49.6	4.4	46.7	4.2		
	75.2	23.0	3.7	29.8	3.9	37.5	4.1	40.8	4.2	45.5	4.4	49.8	4.6	53.6	4.7	52.7	4.6	48.2	4.4	45.5	4.2	42.9	4.0		
	77.0	22.5	3.7	29.1	3.8	36.7	4.0	39.9	4.1	44.5	4.3	48.7	4.5	52.4	4.6	51.5	4.5	47.1	4.3	44.5	4.1	41.9	3.9		
	80.6	21.0	3.3	27.1	3.5	34.1	3.7	37.1	3.8	41.4	4.0	45.3	4.1	48.8	4.2	47.9	4.1	43.9	4.0	41.4	3.8	39.0	3.5		
1854	60.8	28.0	4.1	36.2	4.3	45.6	4.6	49.6	4.7	55.3	4.9	60.5	5.1	65.1	5.2	64.0	5.1	58.6	4.9	55.3	4.7	52.1	4.4		
	64.4	27.5	4.1	35.5	4.2	44.7	4.5	48.7	4.6	54.3	4.8	59.4	5.0	63.9	5.1	62.8	5.0	57.5	4.8	54.3	4.6	51.1	4.3		
	68.0	26.4	4.0	34.1	4.1	43.0	4.4	46.8	4.5	52.2	4.7	57.1	4.9	61.4	5.0	60.4	4.9	55.3	4.7	52.2	4.5	49.1	4.2		
	71.6	25.4	3.9	32.8	4.1	41.3	4.3	44.9	4.4	50.1	4.6	54.8	4.8	59.0	4.9	58.0	4.8	53.1	4.6	50.1	4.4	47.2	4.1		
	75.2	23.2	3.7	30.0	3.8	37.8	4.0	41.2	4.1	45.9	4.4	50.3	4.5	54.0	4.6	53.1	4.5	48.6	4.4	45.9	4.1	43.2	3.9		
	77.0	22.7	3.6	29.4	3.7	37.0	3.9	40.2	4.0	44.9	4.3	49.1	4.4	52.8	4.5	51.9	4.4	47.5	4.3	44.9	4.0	42.3	3.8		
	80.6	21.1	3.3	27.3	3.4	34.4	3.6	37.4	3.7	41.8	3.9	45.7	4.0	49.1	4.1	48.3	4.0	44.2	3.9	41.8	3.7	39.3	3.5		
2039	60.8	28.3	4.1	36.6	4.2	46.0	4.5	50.1	4.6	55.9	4.8	61.2	5.0	65.8	5.1	64.7	5.0	59.2	4.8	55.9	4.6	52.6	4.3		
	64.4	27.7	4.0	35.9	4.1	45.2	4.4	49.2	4.5	54.8	4.7	60.0	4.9	64.5	5.0	63.4	4.9	58.1	4.7	54.8	4.5	51.6	4.2		
	68.0	26.9	3.9	34.8	4.1	43.9	4.3	47.7	4.4	53.2	4.7	58.3	4.8	62.6	4.9	61.6	4.9	56.4	4.7	53.2	4.4	50.1	4.2		
	71.6	25.6	3.8	33.1	4.0	41.7	4.2	45.3	4.3	50.6	4.5	55.3	4.7	59.5	4.8	58.5	4.7	53.6	4.5	50.6	4.3	47.6	4.1		
	75.2	23.4	3.6	30.3	3.7	38.2	3.9	41.5	4.0	46.3	4.3	50.7	4.4	54.5	4.5	53.6	4.4	49.1	4.3	46.3	4.0	43.6	3.8		
	77.0	22.9	3.5	29.6	3.6	37.3	3.9	40.6	3.9	45.3	4.2	49.5	4.3	53.2	4.4	52.3	4.3	47.9	4.2	45.3	3.9	42.6	3.7		
	80.6	21.3	3.2	27.5	3.3	34.6	3.5	37.7	3.6	42.1	3.8	46.0	3.9	49.5	4.0	48.6	4.0	44.5	3.8	42.1	3.6	39.6	3.4		
2225	60.8	28.6	4.0	36.9	4.2	46.5	4.4	50.6	4.5	56.5	4.8	61.8	4.9	66.4	5.0	65.3	5.0	59.8	4.8	56.5	4.5	53.1	4.3		
	64.4	28.0	3.9	36.2	4.1	45.6	4.3	49.6	4.4	55.4	4.7	60.6	4.8	65.2	4.9	64.0	4.9	58.6	4.7	55.4	4.4	52.1	4.2		
	68.0	27.5	3.9	35.5	4.1	44.7	4.3	48.7	4.4	54.3	4.6	59.4	4.8	63.9	4.9	62.8	4.8	57.5	4.6	54.3	4.4	51.1	4.1		
	71.6	25.8	3.7	33.4	3.9	42.0	4.1	45.8	4.2	51.0	4.5	55.8	4.6	60.0	4.7	59.0	4.6	54.0	4.5	51.0	4.2	48.0	4.0		
	75.2	23.6	3.5	30.5	3.6	38.5	3.9	41.9	4.0	46.7	4.2	51.1	4.3	54.9	4.4	54.0	4.3	49.4	4.2	46.7	4.0	43.9	3.7		
	77.0	23.1	3.5	29.8	3.6	37.6	3.8	40.9	3.9	45.6	4.1	49.9	4.3	53.7	4.3	52.7	4.3	48.3	4.1	45.6	3.9	42.9	3.7		
	80.6	21.4	3.1	27.7	3.2	34.9	3.4	38.0	3.5	42.3	3.7	46.3	3.8	49.8	3.9	49.0	3.9	44.8	3.7	42.3	3.5	39.9	3.3		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

4.6.2 GUHD*N*3CO/GUHD*N*3C1O with GKH*K3CI

Outdoor Unit:GUHD12NK3CO/GUHD12NK3C1O Indoor Unit:GKH12K3CI

Fan Speed	AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
			5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	324	60.8	5.8	0.9	7.4	0.9	9.4	0.9	10.2	1.0	11.4	1.0	12.4	1.0	13.4	1.1	13.2	1.1	12.0	1.0	11.4	1.0	10.7	0.9		
		64.4	5.6	0.8	7.3	0.9	9.2	0.9	10.0	0.9	11.2	1.0	12.2	1.0	13.1	1.0	12.9	1.0	11.8	1.0	11.2	0.9	10.5	0.9		
		68.0	5.4	0.8	7.0	0.9	8.8	0.9	9.6	0.9	10.7	1.0	11.7	1.0	12.6	1.0	12.4	1.0	11.4	1.0	10.7	0.9	10.1	0.9		
		71.6	5.2	0.8	6.7	0.8	8.5	0.9	9.2	0.9	10.3	1.0	11.3	1.0	12.1	1.0	11.9	1.0	10.9	1.0	10.3	0.9	9.7	0.9		
		75.2	4.8	0.8	6.2	0.8	7.8	0.8	8.5	0.8	9.4	0.9	10.3	0.9	11.1	0.9	10.9	0.9	10.0	0.9	9.4	0.8	8.9	0.8		
		77.0	4.7	0.7	6.0	0.8	7.6	0.8	8.3	0.8	9.2	0.9	10.1	0.9	10.9	0.9	10.7	0.9	9.8	0.9	9.2	0.8	8.7	0.8		
Medium	265	60.8	5.7	0.9	7.4	0.9	9.3	1.0	10.1	1.0	11.3	1.0	12.3	1.1	13.2	1.1	13.0	1.1	11.9	1.0	11.3	1.0	10.6	0.9		
		64.4	5.6	0.9	7.2	0.9	9.1	0.9	9.9	1.0	11.0	1.0	12.1	1.0	13.0	1.1	12.8	1.1	11.7	1.0	11.0	1.0	10.4	0.9		
		68.0	5.3	0.8	6.9	0.9	8.7	0.9	9.4	0.9	10.5	1.0	11.5	1.0	12.4	1.0	12.2	1.0	11.1	1.0	10.5	0.9	9.9	0.9		
		71.6	5.2	0.8	6.7	0.8	8.4	0.9	9.1	0.9	10.2	1.0	11.2	1.0	12.0	1.0	11.8	1.0	10.8	1.0	10.2	0.9	9.6	0.9		
		75.2	4.7	0.8	6.1	0.8	7.7	0.8	8.4	0.9	9.4	0.9	10.2	0.9	11.0	1.0	10.8	1.0	9.9	0.9	9.4	0.9	8.8	0.8		
		77.0	4.6	0.8	6.0	0.8	7.5	0.8	8.2	0.8	9.1	0.9	10.0	0.9	10.8	0.9	10.6	0.9	9.7	0.9	9.1	0.8	8.6	0.8		
Low	206	60.8	5.6	0.9	7.2	0.9	9.1	1.0	9.9	1.0	11.0	1.1	12.0	1.1	13.0	1.1	12.7	1.1	11.7	1.1	11.0	1.0	10.4	0.9		
		64.4	5.5	0.9	7.1	0.9	8.9	1.0	9.7	1.0	10.8	1.0	11.8	1.1	12.7	1.1	12.5	1.1	11.4	1.0	10.8	1.0	10.2	0.9		
		68.0	5.2	0.8	6.7	0.9	8.4	0.9	9.1	0.9	10.2	1.0	11.2	1.0	12.0	1.0	11.8	1.0	10.8	1.0	10.2	0.9	9.6	0.9		
		71.6	5.1	0.8	6.5	0.9	8.2	0.9	9.0	0.9	10.0	1.0	10.9	1.0	11.8	1.0	11.6	1.0	10.6	1.0	10.0	0.9	9.4	0.9		
		75.2	4.6	0.8	6.0	0.8	7.6	0.9	8.2	0.9	9.2	0.9	10.0	1.0	10.8	1.0	10.6	1.0	9.7	0.9	9.2	0.9	8.6	0.8		
		77.0	4.5	0.8	5.9	0.8	7.4	0.8	8.0	0.9	9.0	0.9	9.8	0.9	10.6	1.0	10.4	1.0	9.5	0.9	9.0	0.9	8.4	0.8		
		80.6	4.2	0.7	5.5	0.7	6.9	0.8	7.5	0.8	8.4	0.8	9.1	0.9	9.8	0.9	9.7	0.9	8.9	0.8	8.4	0.8	7.9	0.7		

Outdoor Unit:GUHD18NK3CO/GUHD18NK3C1O Indoor Unit:GKH18K3CI

Fan Speed	AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
			5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	695	60.8	9.6	1.4	12.4	1.5	15.6	1.6	16.9	1.6	18.9	1.7	20.7	1.7	22.2	1.8	21.9	1.8	20.0	1.7	18.9	1.6	17.8	1.5		
		64.4	9.4	1.4	12.1	1.4	15.3	1.5	16.6	1.6	18.5	1.6	20.3	1.7	21.8	1.7	21.5	1.7	19.6	1.6	18.5	1.6	17.5	1.5		
		68.0	9.0	1.4	11.7	1.4	14.7	1.5	16.0	1.5	17.8	1.6	19.5	1.7	21.0	1.7	20.6	1.7	18.9	1.6	17.8	1.5	16.8	1.4		
		71.6	8.7	1.3	11.2	1.4	14.1	1.5	15.4	1.5	17.1	1.6	18.7	1.6	20.1	1.7	19.8	1.6	18.1	1.6	17.1	1.5	16.1	1.4		
		75.2	7.9	1.3	10.3	1.3	12.9	1.4	14.1	1.4	15.7	1.5	17.2	1.5	18.5	1.6	18.2	1.5	16.6	1.5	15.7	1.4	14.8	1.3		
		77.0	7.8	1.2	10.0	1.3	12.6	1.3	13.8	1.4	15.3	1.5	16.8	1.5	18.0	1.5	17.7	1.5	16.2	1.5	15.3	1.4	14.4	1.3		
Medium	636	60.8	9.5	1.4	12.2	1.5	15.4	1.6	16.8	1.6	18.7	1.7	20.5	1.8	22.0	1.8	21.6	1.8	19.8	1.7	18.7	1.6	17.6	1.5		
		64.4	9.3	1.4	12.0	1.5	15.1	1.6	16.5	1.6	18.4	1.7	20.1	1.7	21.6	1.8	21.2	1.8	19.4	1.7	18.4	1.6	17.3	1.5		
		68.0	8.8	1.4	11.4	1.4	14.4	1.5	15.7	1.5	17.5	1.6	19.1	1.7	20.6	1.7	20.2	1.7	18.5	1.6	17.5	1.5	16.5	1.5		
		71.6	8.6	1.3	11.1	1.4	14.0	1.5	15.2	1.5	17.0	1.6	18.6	1.6	19.9	1.7	19.6	1.7	18.0	1.6	17.0	1.5	16.0	1.4		
		75.2	7.9	1.3	10.2	1.3	12.8	1.4	13.9	1.4	15.6	1.5	17.0	1.6	18.3	1.6	18.0	1.6	16.5	1.5	15.6	1.4	14.6	1.4		
		77.0	7.7	1.2	9.9	1.3	12.5	1.4	13.6	1.4	15.2	1.5	16.6	1.5	17.9	1.6	17.6	1.5	16.1	1.5	15.2	1.4	14.3	1.3		
Low	589	60.8	9.3	1.5	12.0	1.5	15.1	1.6	16.4	1.7	18.3	1.7	20.0	1.8	21.5	1.8	21.2	1.8	19.4	1.7	18.3	1.7	17.2	1.6		
		64.4	9.1	1.4	11.7	1.5	14.8	1.6	16.1	1.6	18.0	1.7	19.7	1.8	21.1	1.8	20.8	1.8	19.0	1.7	18.0	1.6	16.9	1.5		
		68.0	8.6	1.4	11.1	1.4	14.0	1.5	15.2	1.6	16.9	1.6	18.5	1.7	19.9	1.7	19.6	1.7	17.9	1.6	16.9	1.6	15.9	1.5		
		71.6	8.4	1.4	10.9	1.4	13.7	1.5	14.9	1.5	16.6	1.6	18.2	1.7	19.5	1.7	19.2	1.7	17.6	1.6	16.6	1.5	15.6	1.5		
		75.2	7.7	1.3	10.0	1.4	12.6	1.4	13.7	1.5	15.2	1.5	16.7	1.6	17.9	1.6	17.6	1.6	16.1	1.5	15.2	1.5	14.4	1.4		
		77.0	7.5	1.3	9.8	1.3	12.3	1.4	13.4	1.4	14.9	1.5	16.3	1.6	17.5	1.6	17.2	1.6	15.8	1.5	14.9	1.4	14.0	1.4		
		80.6	7.0	1.2	9.1	1.2	11.4	1.3	12.5	1.3	13.9	1.4	15.2	1.4	16.3	1.5	16.1	1.4	14.7	1.4	13.9	1.3	13.1	1.2		

Outdoor Unit:GUHD24NK3CO/GUHD24NK3C1O Indoor Unit:GKH24K3CI

Fan Speed	AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
			5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	824	60.8	12.4	1.8	16.1	1.9	20.3	2.0	22.0	2.1	24.6	2.2	26.9	2.3	28.9	2.3	28.4	2.3	26.0	2.2	24.6	2.1	23.1	2.0		
		64.4	12.2	1.8	15.8	1.9	19.9	2.0	21.6	2.0	24.1	2.1	26.4	2.2	28.4	2.3	27.9	2.2	25.5	2.1	24.1	2.0	22.7	1.9		
		68.0	11.7	1.8	15.2	1.8	19.1	1.9	20.8	2.0	23.2	2.1	25.4	2.2	27.3	2.2	26.8	2.2	24.6	2.1	23.2	2.0	21.8	1.9		
		71.6	11.3	1.7	14.6	1.8	18.3	1.9	20.0	1.9	22.3	2.1	24.4	2.1	26.2	2.2	25.8	2.1	23.6	2.1	22.3	1.9	21.0	1.8		
		75.2	10.3	1.6	13.4	1.7	16.8	1.8	18.3	1.8	20.4	1.9	22.3	2.0	24.0	2.0	23.6	2.0	21.6	1.9	20.4	1.8	19.2	1.7		
		77.0	10.1	1.6	13.1	1.7	16.4	1.8	17.9	1.8	20.0	1.9	21.8	1.9	23.5	2.0	23.1	2.0	21.1	1.9	20.0	1.8	18.8	1.7		
		80.6	9.4	1.4	12.1	1.5	15.3	1.6	16.6	1.6	18.6	1.7	20.3	1.8	21.8	1.8	21.5	1.8	19.7	1.7	18.6	1.6	17.5	1.5		
Medium	748	60.8	12.3	1.9	15.9	1.9	20.0	2.1	21.8	2.1	24.3	2.2	26.6	2.3	28.6	2.3	28.1	2.3	25.8	2.2	24.3	2.1	22.9	2.0		
		64.4	12.1	1.8	15.6	1.9	19.7	2.0	21.4	2.1	23.9	2.2	26.1	2.3	28.1	2.3	27.6	2.3	25.3	2.2	23.9	2.1	22.5	2.0		
		68.0	11.5	1.8	14.9	1.9	18.7	2.0	20.4	2.0	22.7	2.1	24.9	2.2	26.8	2.2	26.3	2.2	24.1	2.1	22.7	2.0	21.4	1.9		
		71.6	11.2	1.7	14.4	1.8	18.2	1.9	19.8	2.0	22.1	2.1	24.1	2.1	25.9	2.2	25.5	2.2	23.4	2.1	22.1	2.0	20.8	1.9		
		75.2	10.2	1.7	13.2	1.7	16.7	1.8	18.1	1.9	20.2	2.0	22.1	2.0	23.8	2.1	23.4	2.1	21.4	2.0	20.2	1.9	19.0	1.8		
		77.0	10.0	1.6	12.9	1.7	16.3	1.8	17.7	1.8	19.8	1.9	21.6	2.0	23.3	2.0	22.9	2.0	20.9	1.9	19.8	1.8	18.6	1.7		
		80.6	9.3	1.5	12.0	1.5	15.2	1.6	16.5	1.7	18.4	1.8	20.2	1.8	21.7	1.9	21.3	1.8	19.5	1.8	18.4	1.7	17.3	1.6		
Low	689	60.8	12.0	1.9	15.6	2.0	19.6	2.1	21.3	2.2	23.8	2.3	26.0	2.3	28.0	2.4	27.5	2.4	25.2	2.3	23.8	2.2	22.4	2.0		
		64.4	11.8	1.9	15.3	1.9	19.2	2.1	20.9	2.1	23.4	2.2	25.6	2.3	27.5	2.3	27.0	2.3	24.7	2.2	23.4	2.1	22.0	2.0		
		68.0	11.2	1.8	14.4	1.9	18.2	2.0	19.8	2.0	22.0	2.1	24.1	2.2	25.9	2.3	25.5	2.2	23.3	2.1	22.0	2.0	20.7	1.9		
		71.6	10.9	1.8	14.1	1.9	17.8	2.0	19.4	2.0	21.6	2.1	23.6	2.2	25.4	2.2	25.0	2.2	22.9	2.1	21.6	2.0	20.3	1.9		
		75.2	10.0	1.7	13.0	1.8	16.3	1.9	17.8	1.9	19.8	2.0	21.7	2.1	23.3	2.1	22.9	2.1	21.0	2.0	19.8	1.9	18.7	1.8		
		77.0	9.8	1.7	12.7	1.7	16.0	1.8	17.4	1.9	19.4	2.0	21.2	2.0	22.8	2.1	22.4	2.1	20.5	2.0	19.4	1.9	18.3	1.8		
		80.6	9.1	1.5	11.8	1.6	14.9	1.7	16.2	1.7	18.1	1.8	19.8	1.9	21.3	1.9	20.9	1.9	19.1	1.8	18.1	1.7	17.0	1.6		

Outdoor Unit:GUHD30NK3CO/GUHD30NK3C1O Indoor Unit:GKH30K3CI

Fan Speed	AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
			5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	977	60.8	14.8	2.2	19.1	2.3	24.1	2.4	26.2	2.5	29.2	2.6	32.0	2.7	34.4	2.7	33.8	2.7	30.9	2.6	29.2	2.5	27.5	2.3		
		64.4	14.5	2.1	18.7	2.2	23.6	2.4	25.7	2.4	28.7	2.5	31.4	2.6	33.7	2.7	33.1	2.7	30.3	2.5	28.7	2.4	27.0	2.3		
		68.0	13.9	2.1	18.0	2.2	22.7	2.3	24.7	2.4	27.6	2.5	30.1	2.6	32.4	2.6	31.9	2.6	29.2	2.5	27.6	2.4	25.9	2.2		
		71.6	13.4	2.1	17.3	2.1	21.8	2.3	23.7	2.3	26.4	2.4	28.9	2.5	31.1	2.6	30.6	2.6	28.0	2.4	26.4	2.3	24.9	2.2		
		75.2	12.3	1.9	15.9	2.0	20.0	2.1	21.7	2.2	24.2	2.3	26.5	2.4	28.5	2.4	28.0	2.4	25.7	2.3	24.2	2.2	22.8	2.1		
		77.0	12.0	1.9	15.5	2.0	19.5	2.1	21.2	2.1	23.7	2.2	25.9	2.3	27.9	2.4	27.4	2.3	25.1	2.2	23.7	2.1	22.3	2.0		
		80.6	11.2	1.7	14.4	1.8	18.2	1.9	19.8	1.9	22.0	2.0	24.1	2.1	25.9	2.2	25.5	2.1	23.3	2.0	22.0	1.9	20.7	1.8		
Medium	924	60.8	14.6	2.2	18.9	2.3	23.8	2.5	25.9	2.5	28.9	2.6	31.6	2.7	34.0	2.8	33.4	2.8	30.6	2.6	28.9	2.5	27.2	2.4		
		64.4	14.3	2.2	18.5	2.3	23.3	2.4	25.4	2.5	28.4	2.6	31.0	2.7	33.4	2.7	32.8	2.7	30.0	2.6	28.4	2.5	26.7	2.3		
		68.0	13.7	2.1	17.7	2.2	22.2	2.3	24.2	2.4	27.0	2.5	29.5	2.6	31.8	2.7	31.2	2.6	28.6	2.5	27.0	2.4	25.4	2.3		
		71.6	13.2	2.1	17.1	2.2	21.6	2.3	23.5	2.3	26.2	2.5	28.7	2.6	30.8	2.6	30.3	2.6	27.7	2.5	26.2	2.3	24.7	2.2		
		75.2	12.2	2.0	15.7	2.1	19.8	2.2	21.5	2.2	24.0	2.3	26.3	2.4	28.3	2.5	27.8	2.4	25.4	2.3	24.0	2.2	22.6	2.1		
		77.0	11.9	1.9	15.4	2.0	19.3	2.1	21.1	2.2	23.5	2.3	25.7	2.4	27.6	2.4	27.2	2.4	24.9	2.3	23.5	2.2	22.1	2.1		
		80.6	11.1	1.8	14.3	1.8	18.0	1.9	19.6	2.0	21.9	2.1	23.9	2.2	25.7	2.2	25.3	2.2	23.2	2.1	21.9	2.0	20.6	1.9		
Low	883	60.8	14.3	2.3	18.5	2.4	23.3	2.5	25.3	2.6	28.3	2.7	30.9	2.8	33.3	2.8	32.7	2.8	29.9	2.7	28.3	2.6	26.6	2.4		
		64.4	14.0	2.2	18.1	2.3	22.8	2.5	24.9	2.5	27.7	2.7	30.4	2.7	32.6	2.8	32.1	2.8	29.4	2.7	27.7	2.5	26.1	2.4		
		68.0	13.2	2.1	17.1	2.2	21.6	2.4	23.5	2.4	26.2	2.5	28.6	2.6	30.8	2.7	30.3	2.7	27.7	2.5	26.2	2.4	24.6	2.3		
		71.6	13.0	2.1	16.8	2.2	21.1	2.3	23.0	2.4	25.7	2.5	28.1	2.6	30.2	2.7	29.7	2.6	27.2	2.5	25.7	2.4	24.1	2.3		
		75.2	11.9	2.0	15.4	2.1	19.4	2.2	21.1	2.3	23.6	2.4	25.8	2.5	27.7	2.5	27.2	2.5	24.9	2.4	23.6	2.3	22.2	2.1		
		77.0	11.7	2.0	15.1	2.0	19.0	2.2	20.6	2.2	23.0	2.3	25.2	2.4	27.1	2.5	26.6	2.4	24.4	2.3	23.0	2.2	21.7	2.1		
		80.6	10.9	1.8	14.0	1.9	17.7	2.0	19.2	2.0	21.5	2.1	23.5	2.2	25.3	2.3	24.8	2.2	22.7	2.1	21.5	2.0	20.2	1.9		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD36NK3CO/GUHD36NM3CO/GUHD36NK3C1O/GUHD36NM3C1O Indoor Unit:GKH36K3CI

Fan Speed	AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
			5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	977	60.8	17.1	2.5	22.1	2.6	27.8	2.8	30.3	2.9	33.8	3.0	37.0	3.1	39.8	3.2	39.1	3.1	35.8	3.0	33.8	2.9	31.8	2.7		
		64.4	16.8	2.5	21.7	2.6	27.3	2.7	29.7	2.8	33.2	3.0	36.3	3.0	39.0	3.1	38.4	3.1	35.1	3.0	33.2	2.8	31.2	2.6		
		68.0	16.1	2.4	20.9	2.5	26.3	2.7	28.6	2.7	31.9	2.9	34.9	3.0	37.5	3.0	36.9	3.0	33.8	2.9	31.9	2.7	30.0	2.6		
		71.6	15.5	2.4	20.0	2.5	25.2	2.6	27.5	2.7	30.6	2.8	33.5	2.9	36.0	3.0	35.4	3.0	32.4	2.8	30.6	2.7	28.8	2.5		
		75.2	14.2	2.2	18.4	2.3	23.1	2.5	25.2	2.5	28.1	2.7	30.7	2.7	33.0	2.8	32.5	2.8	29.7	2.7	28.1	2.5	26.4	2.4		
		77.0	13.9	2.2	17.9	2.3	22.6	2.4	24.6	2.5	27.4	2.6	30.0	2.7	32.3	2.7	31.7	2.7	29.0	2.6	27.4	2.5	25.8	2.3		
		80.6	12.9	2.0	16.7	2.1	21.0	2.2	22.9	2.2	25.5	2.4	27.9	2.4	30.0	2.5	29.5	2.5	27.0	2.4	25.5	2.2	24.0	2.1		
Medium	924	60.8	16.9	2.6	21.9	2.7	27.5	2.8	30.0	2.9	33.5	3.1	36.6	3.2	39.4	3.2	38.7	3.2	35.4	3.1	33.5	2.9	31.5	2.7		
		64.4	16.6	2.5	21.5	2.6	27.0	2.8	29.4	2.9	32.8	3.0	35.9	3.1	38.6	3.2	38.0	3.1	34.8	3.0	32.8	2.9	30.9	2.7		
		68.0	15.8	2.5	20.5	2.6	25.7	2.7	28.0	2.8	31.3	2.9	34.2	3.0	36.8	3.1	36.2	3.0	33.1	2.9	31.3	2.8	29.4	2.6		
		71.6	15.3	2.4	19.8	2.5	25.0	2.7	27.2	2.7	30.3	2.9	33.2	3.0	35.7	3.0	35.1	3.0	32.1	2.9	30.3	2.7	28.5	2.6		
		75.2	14.1	2.3	18.2	2.4	22.9	2.5	24.9	2.6	27.8	2.7	30.4	2.8	32.7	2.9	32.2	2.8	29.5	2.7	27.8	2.6	26.2	2.4		
		77.0	13.8	2.2	17.8	2.3	22.4	2.5	24.4	2.5	27.2	2.7	29.8	2.7	32.0	2.8	31.5	2.8	28.8	2.7	27.2	2.5	25.6	2.4		
		80.6	12.8	2.0	16.6	2.1	20.9	2.2	22.7	2.3	25.3	2.4	27.7	2.5	29.8	2.6	29.3	2.5	26.8	2.4	25.3	2.3	23.8	2.2		
Low	883	60.8	16.6	2.6	21.4	2.7	27.0	2.9	29.3	3.0	32.7	3.1	35.8	3.2	38.5	3.3	37.9	3.3	34.7	3.1	32.7	3.0	30.8	2.8		
		64.4	16.3	2.6	21.0	2.7	26.5	2.8	28.8	2.9	32.1	3.1	35.1	3.2	37.8	3.2	37.2	3.2	34.0	3.1	32.1	2.9	30.2	2.7		
		68.0	15.3	2.5	19.8	2.6	25.0	2.7	27.2	2.8	30.3	3.0	33.2	3.0	35.7	3.1	35.0	3.1	32.1	3.0	30.3	2.8	28.5	2.6		
		71.6	15.0	2.5	19.4	2.6	24.5	2.7	26.6	2.8	29.7	2.9	32.5	3.0	34.9	3.1	34.3	3.0	31.4	2.9	29.7	2.8	28.0	2.6		
		75.2	13.8	2.3	17.8	2.4	22.5	2.6	24.5	2.6	27.3	2.8	29.8	2.9	32.1	2.9	31.5	2.9	28.9	2.8	27.3	2.6	25.7	2.5		
		77.0	13.5	2.3	17.4	2.4	22.0	2.5	23.9	2.6	26.7	2.7	29.2	2.8	31.4	2.9	30.8	2.8	28.2	2.7	26.7	2.6	25.1	2.4		
		80.6	12.6	2.1	16.3	2.2	20.5	2.3	22.3	2.3	24.9	2.5	27.2	2.6	29.2	2.6	28.7	2.6	26.3	2.5	24.9	2.3	23.4	2.2		

Outdoor Unit:GUHD42NK3CO/GUHD42NM3CO/GUHD42NK3C1O/GUHD42NM3C1O Indoor Unit:GKH42K3CI

Fan Speed	AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
			5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	977	60.8	18.7	2.8	24.1	2.9	30.4	3.0	33.1	3.1	36.9	3.3	40.4	3.4	43.4	3.5	42.7	3.4	39.1	3.3	36.9	3.1	34.7	2.9		
		64.4	18.3	2.7	23.7	2.8	29.8	3.0	32.4	3.1	36.2	3.2	39.6	3.3	42.6	3.4	41.9	3.4	38.3	3.2	36.2	3.1	34.1	2.9		
		68.0	17.6	2.7	22.8	2.8	28.7	2.9	31.2	3.0	34.8	3.2	38.1	3.3	40.9	3.3	40.2	3.3	36.8	3.2	34.8	3.0	32.8	2.8		
		71.6	16.9	2.6	21.9	2.7	27.5	2.9	30.0	2.9	33.4	3.1	36.6	3.2	39.3	3.3	38.6	3.2	35.4	3.1	33.4	2.9	31.4	2.8		
		75.2	15.5	2.4	20.0	2.5	25.2	2.7	27.5	2.8	30.6	2.9	33.5	3.0	36.0	3.1	35.4	3.0	32.4	2.9	30.6	2.8	28.8	2.6		
		77.0	15.1	2.4	19.6	2.5	24.6	2.6	26.8	2.7	29.9	2.8	32.7	2.9	35.2	3.0	34.6	3.0	31.7	2.8	29.9	2.7	28.2	2.5		
		80.6	14.1	2.2	18.2	2.3	22.9	2.4	25.0	2.5	27.8	2.6	30.5	2.7	32.8	2.7	32.2	2.7	29.5	2.6	27.8	2.5	26.2	2.3		
Medium	924	60.8	18.5	2.8	23.9	2.9	30.1	3.1	32.7	3.2	36.5	3.3	39.9	3.5	42.9	3.5	42.2	3.5	38.6	3.3	36.5	3.2	34.3	3.0		
		64.4	18.1	2.8	23.4	2.9	29.5	3.0	32.1	3.1	35.8	3.3	39.2	3.4	42.1	3.5	41.4	3.4	37.9	3.3	35.8	3.1	33.7	2.9		
		68.0	17.3	2.7	22.3	2.8	28.1	3.0	30.6	3.0	34.1	3.2	37.3	3.3	40.1	3.4	39.4	3.3	36.1	3.2	34.1	3.0	32.1	2.9		
		71.6	16.7	2.6	21.6	2.7	27.2	2.9	29.7	3.0	33.1	3.1	36.2	3.2	38.9	3.3	38.3	3.3	35.0	3.1	33.1	3.0	31.1	2.8		
		75.2	15.4	2.5	19.9	2.6	25.0	2.7	27.2	2.8	30.4	3.0	33.2	3.1	35.7	3.1	35.1	3.1	32.1	3.0	30.4	2.8	28.6	2.7		
		77.0	15.0	2.4	19.4	2.5	24.4	2.7	26.6	2.7	29.7	2.9	32.5	3.0	34.9	3.1	34.3	3.0	31.4	2.9	29.7	2.7	27.9	2.6		
		80.6	14.0	2.2	18.1	2.3	22.8	2.5	24.8	2.5	27.6	2.6	30.2	2.7	32.5	2.8	31.9	2.8	29.3	2.6	27.6	2.5	26.0	2.4		
Low	883	60.8	18.1	2.9	23.4	3.0	29.4	3.2	32.0	3.2	35.7	3.4	39.1	3.5	42.0	3.6	41.3	3.6	37.8	3.4	35.7	3.2	33.6	3.1		
		64.4	17.7	2.8	22.9	2.9	28.9	3.1	31.4	3.2	35.0	3.3	38.3	3.5	41.2	3.5	40.5	3.5	37.1	3.3	35.0	3.2	33.0	3.0		
		68.0	16.7	2.7	21.6	2.8	27.2	3.0	29.6	3.1	33.1	3.2	36.2	3.3	38.9	3.4	38.2	3.4	35.0	3.2	33.1	3.1	31.1	2.9		
		71.6	16.4	2.7	21.2	2.8	26.7	3.0	29.0	3.0	32.4	3.2	35.5	3.3	38.1	3.4	37.5	3.3	34.3	3.2	32.4	3.0	30.5	2.9		
		75.2	15.1	2.5	19.5	2.6	24.5	2.8	26.7	2.9	29.8	3.0	32.6	3.1	35.0	3.2	34.4	3.2	31.5	3.0	29.8	2.9	28.0	2.7		
		77.0	14.7	2.5	19.0	2.6	24.0	2.7	26.1	2.8	29.1	3.0	31.8	3.1	34.2	3.1	33.6	3.1	30.8	3.0	29.1	2.8	27.4	2.7		
		80.6	13.7	2.3	17.7	2.4	22.3	2.5	24.3	2.6	27.1	2.7	29.7	2.8	31.9	2.8	31.4	2.8	28.7	2.7	27.1	2.6	25.5	2.4		

4.6.3 GUHD*N*3CO/GUHD*N*3C1O with GTH*K3CI

Outdoor Unit:GUHD09NK3CO/GUHD09NK3C1O Indoor Unit:GTH09K3CI

Fan Speed	AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
			5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	383	60.8	4.7	0.6	6.0	0.6	7.6	0.7	8.3	0.7	9.2	0.7	10.1	0.8	10.9	0.8	10.7	0.8	9.8	0.7	9.2	0.7	8.7	0.7		
		64.4	4.6	0.6	5.9	0.6	7.5	0.7	8.1	0.7	9.0	0.7	9.9	0.7	10.6	0.8	10.5	0.8	9.6	0.7	9.0	0.7	8.5	0.7		
		68.0	4.4	0.6	5.7	0.6	7.2	0.7	7.8	0.7	8.7	0.7	9.5	0.7	10.2	0.8	10.1	0.7	9.2	0.7	8.7	0.7	8.2	0.6		
		71.6	4.2	0.6	5.5	0.6	6.9	0.6	7.5	0.7	8.4	0.7	9.1	0.7	9.8	0.7	9.7	0.7	8.8	0.7	8.4	0.7	7.9	0.6		
		75.2	3.9	0.6	5.0	0.6	6.3	0.6	6.9	0.6	7.7	0.7	8.4	0.7	9.0	0.7	8.9	0.7	8.1	0.7	7.7	0.6	7.2	0.6		
		77.0	3.8	0.5	4.9	0.6	6.2	0.6	6.7	0.6	7.5	0.6	8.2	0.7	8.8	0.7	8.7	0.7	7.9	0.6	7.5	0.6	7.0	0.6		
		80.6	3.5	0.5	4.6	0.5	5.7	0.5	6.2	0.6	7.0	0.6	7.6	0.6	8.2	0.6	8.0	0.6	7.4	0.6	7.0	0.6	6.6	0.5		
Medium	324	60.8	4.6	0.6	6.0	0.7	7.5	0.7	8.2	0.7	9.1	0.8	10.0	0.8	10.7	0.8	10.6	0.8	9.7	0.8	9.1	0.7	8.6	0.7		
		64.4	4.5	0.6	5.9	0.6	7.4	0.7	8.0	0.7	9.0	0.7	9.8	0.8	10.5	0.8	10.4	0.8	9.5	0.7	9.0	0.7	8.4	0.7		
		68.0	4.3	0.6	5.6	0.6	7.0	0.7	7.6	0.7	8.5	0.7	9.3	0.7	10.0	0.8	9.9	0.7	9.0	0.7	8.5	0.7	8.0	0.6		
		71.6	4.2	0.6	5.4	0.6	6.8	0.7	7.4	0.7	8.3	0.7	9.0	0.7	9.7	0.7	9.6	0.7	8.8	0.7	8.3	0.7	7.8	0.6		
		75.2	3.8	0.6	5.0	0.6	6.2	0.6	6.8	0.6	7.6	0.7	8.3	0.7	8.9	0.7	8.8	0.7	8.0	0.7	7.6	0.6	7.1	0.6		
		77.0	3.8	0.6	4.9	0.6	6.1	0.6	6.7	0.6	7.4	0.7	8.1	0.7	8.7	0.7	8.6	0.7	7.9	0.7	7.4	0.6	7.0	0.6		
		80.6	3.5	0.5	4.5	0.5	5.7	0.6	6.2	0.6	6.9	0.6	7.6	0.6	8.1	0.6	8.0	0.6	7.3	0.6	6.9	0.6	6.5	0.5		
Low	265	60.8	4.5	0.6	5.8	0.7	7.4	0.7	8.0	0.7	8.9	0.8	9.8	0.8	10.5	0.8	10.3	0.8	9.5	0.8	8.9	0.7	8.4	0.7		
		64.4	4.4	0.6	5.7	0.7	7.2	0.7	7.9	0.7	8.8	0.8	9.6	0.8	10.3	0.8	10.1	0.8	9.3	0.8	8.8	0.7	8.2	0.7		
		68.0	4.2	0.6	5.4	0.6	6.8	0.7	7.4	0.7	8.3	0.7	9.0	0.7	9.7	0.8	9.6	0.8	8.8	0.7	8.3	0.7	7.8	0.7		
		71.6	4.1	0.6	5.3	0.6	6.7	0.7	7.3	0.7	8.1	0.7	8.9	0.7	9.5	0.8	9.4	0.7	8.6	0.7	8.1	0.7	7.6	0.6		
		75.2	3.8	0.6	4.9	0.6	6.1	0.6	6.7	0.6	7.4	0.7	8.1	0.7	8.8	0.7	8.6	0.7	7.9	0.7	7.4	0.6	7.0	0.6		
		77.0	3.7	0.6	4.8	0.6	6.0	0.6	6.5	0.6	7.3	0.7	8.0	0.7	8.6	0.7	8.4	0.7	7.7	0.7	7.3	0.6	6.8	0.6		
		80.6	3.4	0.5	4.4	0.5	5.6	0.6	6.1	0.6	6.8	0.6	7.4	0.6	8.0	0.6	7.8	0.6	7.2	0.6	6.8	0.6	6.4	0.5		

Outdoor Unit:GUHD12NK3CO/GUHD12NK3C1O Indoor Unit:GTH12K3CI

Fan Speed	AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
			5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	412	60.8	5.9	0.8	7.6	0.8	9.6	0.8	10.5	0.9	11.7	0.9	12.8	0.9	13.7	1.0	13.5	1.0	12.4	0.9	11.7	0.9	11.0	0.8		
		64.4	5.8	0.8	7.5	0.8	9.4	0.8	10.3	0.9	11.5	0.9	12.5	0.9	13.5	0.9	13.3	0.9	12.1	0.9	11.5	0.9	10.8	0.8		
		68.0	5.6	0.7	7.2	0.8	9.1	0.8	9.9	0.8	11.0	0.9	12.1	0.9	13.0	0.9	12.7	0.9	11.7	0.9	11.0	0.8	10.4	0.8		
		71.6	5.4	0.7	6.9	0.8	8.7	0.8	9.5	0.8	10.6	0.9	11.6	0.9	12.4	0.9	12.2	0.9	11.2	0.9	10.6	0.8	10.0	0.8		
		75.2	4.9	0.7	6.3	0.7	8.0	0.8	8.7	0.8	9.7	0.8	10.6	0.8	11.4	0.9	11.2	0.8	10.3	0.8	9.7	0.8	9.1	0.7		
		77.0	4.8	0.7	6.2	0.7	7.8	0.7	8.5	0.8	9.5	0.8	10.4	0.8	11.2	0.8	11.0	0.8	10.0	0.8	9.5	0.8	8.9	0.7		
		80.6	4.5	0.6	5.8	0.6	7.3	0.7	7.9	0.7	8.8	0.7	9.6	0.7	10.4	0.8	10.2	0.8	9.3	0.7	8.8	0.7	8.3	0.6		
Medium	353	60.8	5.8	0.8	7.6	0.8	9.5	0.9	10.4	0.9	11.6	0.9	12.6	1.0	13.6	1.0	13.4	1.0	12.2	0.9	11.6	0.9	10.9	0.8		
		64.4	5.7	0.8	7.4	0.8	9.3	0.8	10.2	0.9	11.3	0.9	12.4	0.9	13.3	1.0	13.1	1.0	12.0	0.9	11.3	0.9	10.7	0.8		
		68.0	5.5	0.7	7.1	0.8	8.9	0.8	9.7	0.8	10.8	0.9	11.8	0.9	12.7	0.9	12.5	0.9	11.4	0.9	10.8	0.8	10.2	0.8		
		71.6	5.3	0.7	6.9	0.8	8.6	0.8	9.4	0.8	10.5	0.9	11.5	0.9	12.3	0.9	12.1	0.9	11.1	0.9	10.5	0.8	9.9	0.8		
		75.2	4.9	0.7	6.3	0.7	7.9	0.8	8.6	0.8	9.6	0.8	10.5	0.9	11.3	0.9	11.1	0.9	10.2	0.8	9.6	0.8	9.0	0.7		
		77.0	4.8	0.7	6.1	0.7	7.7	0.7	8.4	0.8	9.4	0.8	10.3	0.8	11.1	0.9	10.9	0.8	9.9	0.8	9.4	0.8	8.8	0.7		
		80.6	4.4	0.6	5.7	0.6	7.2	0.7	7.8	0.7	8.7	0.7	9.6	0.8	10.3	0.8	10.1	0.8	9.3	0.7	8.7	0.7	8.2	0.7		
Low	294	60.8	5.7	0.8	7.4	0.8	9.3	0.9	10.1	0.9	11.3	1.0	12.4	1.0	13.3	1.0	13.1	1.0	12.0	1.0	11.3	0.9	10.6	0.9		
		64.4	5.6	0.8	7.3	0.8	9.1	0.9	9.9	0.9	11.1	0.9	12.1	1.0	13.1	1.0	12.8	1.0	11.8	0.9	11.1	0.9	10.4	0.8		
		68.0	5.3	0.8	6.8	0.8	8.6	0.8	9.4	0.9	10.5	0.9	11.5	0.9	12.3	0.9	12.1	0.9	11.1	0.9	10.5	0.9	9.9	0.8		
		71.6	5.2	0.7	6.7	0.8	8.4	0.8	9.2	0.8	10.3	0.9	11.2	0.9	12.1	0.9	11.9	0.9	10.9	0.9	10.3	0.8	9.7	0.8		
		75.2	4.8	0.7	6.2	0.7	7.8	0.8	8.4	0.8	9.4	0.8	10.3	0.9	11.1	0.9	10.9	0.9	10.0	0.8	9.4	0.8	8.9	0.8		
		77.0	4.7	0.7	6.0	0.7	7.6	0.8	8.3	0.8	9.2	0.8	10.1	0.9	10.8	0.9	10.7	0.9	9.8	0.8	9.2	0.8	8.7	0.7		
		80.6	4.3	0.6	5.6	0.7	7.1	0.7	7.7	0.7	8.6	0.8	9.4	0.8	10.1	0.8	9.9	0.8	9.1	0.8	8.6	0.7	8.1	0.7		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD18NK3CO/GUHD18NK3C1O Indoor Unit:GTH18K3CI

Fan Speed	AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
			5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	530	60.8	9.6	1.4	12.4	1.5	15.6	1.6	16.9	1.6	18.9	1.7	20.7	1.7	22.2	1.8	21.9	1.8	20.0	1.7	18.9	1.6	17.8	1.5		
		64.4	9.4	1.4	12.1	1.4	15.3	1.5	16.6	1.6	18.5	1.6	20.3	1.7	21.8	1.7	21.5	1.7	19.6	1.6	18.5	1.6	17.5	1.5		
		68.0	9.0	1.4	11.7	1.4	14.7	1.5	16.0	1.5	17.8	1.6	19.5	1.7	21.0	1.7	20.6	1.7	18.9	1.6	17.8	1.5	16.8	1.4		
		71.6	8.7	1.3	11.2	1.4	14.1	1.5	15.4	1.5	17.1	1.6	18.7	1.6	20.1	1.7	19.8	1.6	18.1	1.6	17.1	1.5	16.1	1.4		
		75.2	7.9	1.3	10.3	1.3	12.9	1.4	14.1	1.4	15.7	1.5	17.2	1.5	18.5	1.6	18.2	1.5	16.6	1.5	15.7	1.4	14.8	1.3		
		77.0	7.8	1.2	10.0	1.3	12.6	1.3	13.8	1.4	15.3	1.5	16.8	1.5	18.0	1.5	17.7	1.5	16.2	1.5	15.3	1.4	14.4	1.3		
		80.6	7.2	1.1	9.3	1.2	11.8	1.2	12.8	1.3	14.3	1.3	15.6	1.4	16.8	1.4	16.5	1.4	15.1	1.3	14.3	1.3	13.4	1.2		
Medium	471	60.8	9.5	1.4	12.2	1.5	15.4	1.6	16.8	1.6	18.7	1.7	20.5	1.8	22.0	1.8	21.6	1.8	19.8	1.7	18.7	1.6	17.6	1.5		
		64.4	9.3	1.4	12.0	1.5	15.1	1.6	16.5	1.6	18.4	1.7	20.1	1.7	21.6	1.8	21.2	1.8	19.4	1.7	18.4	1.6	17.3	1.5		
		68.0	8.8	1.4	11.4	1.4	14.4	1.5	15.7	1.5	17.5	1.6	19.1	1.7	20.6	1.7	20.2	1.7	18.5	1.6	17.5	1.5	16.5	1.5		
		71.6	8.6	1.3	11.1	1.4	14.0	1.5	15.2	1.5	17.0	1.6	18.6	1.6	19.9	1.7	19.6	1.7	18.0	1.6	17.0	1.5	16.0	1.4		
		75.2	7.9	1.3	10.2	1.3	12.8	1.4	13.9	1.4	15.6	1.5	17.0	1.6	18.3	1.6	18.0	1.6	16.5	1.5	15.6	1.4	14.6	1.4		
		77.0	7.7	1.2	9.9	1.3	12.5	1.4	13.6	1.4	15.2	1.5	16.6	1.5	17.9	1.6	17.6	1.5	16.1	1.5	15.2	1.4	14.3	1.3		
		80.6	7.2	1.1	9.3	1.2	11.7	1.3	12.7	1.3	14.2	1.4	15.5	1.4	16.7	1.4	16.4	1.4	15.0	1.4	14.2	1.3	13.3	1.2		
Low	412	60.8	9.3	1.5	12.0	1.5	15.1	1.6	16.4	1.7	18.3	1.7	20.0	1.8	21.5	1.8	21.2	1.8	19.4	1.7	18.3	1.7	17.2	1.6		
		64.4	9.1	1.4	11.7	1.5	14.8	1.6	16.1	1.6	18.0	1.7	19.7	1.8	21.1	1.8	20.8	1.8	19.0	1.7	18.0	1.6	16.9	1.5		
		68.0	8.6	1.4	11.1	1.4	14.0	1.5	15.2	1.6	16.9	1.6	18.5	1.7	19.9	1.7	19.6	1.7	17.9	1.6	16.9	1.6	15.9	1.5		
		71.6	8.4	1.4	10.9	1.4	13.7	1.5	14.9	1.5	16.6	1.6	18.2	1.7	19.5	1.7	19.2	1.7	17.6	1.6	16.6	1.5	15.6	1.5		
		75.2	7.7	1.3	10.0	1.4	12.6	1.4	13.7	1.5	15.2	1.5	16.7	1.6	17.9	1.6	17.6	1.6	16.1	1.5	15.2	1.5	14.4	1.4		
		77.0	7.5	1.3	9.8	1.3	12.3	1.4	13.4	1.4	14.9	1.5	16.3	1.6	17.5	1.6	17.2	1.6	15.8	1.5	14.9	1.4	14.0	1.4		
		80.6	7.0	1.2	9.1	1.2	11.4	1.3	12.5	1.3	13.9	1.4	15.2	1.4	16.3	1.5	16.1	1.4	14.7	1.4	13.9	1.3	13.1	1.2		

Outdoor Unit:GUHD24NK3CO/GUHD24NK3C1O Indoor Unit:GTH24K3CI

Fan Speed	AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
			5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	706	60.8	12.4	1.8	16.1	1.9	20.3	2.0	22.0	2.1	24.6	2.2	26.9	2.3	28.9	2.3	28.4	2.3	26.0	2.2	24.6	2.1	23.1	2.0		
		64.4	12.2	1.8	15.8	1.9	19.9	2.0	21.6	2.0	24.1	2.1	26.4	2.2	28.4	2.3	27.9	2.2	25.5	2.1	24.1	2.0	22.7	1.9		
		68.0	11.7	1.8	15.2	1.8	19.1	1.9	20.8	2.0	23.2	2.1	25.4	2.2	27.3	2.2	26.8	2.2	24.6	2.1	23.2	2.0	21.8	1.9		
		71.6	11.3	1.7	14.6	1.8	18.3	1.9	20.0	1.9	22.3	2.1	24.4	2.1	26.2	2.2	25.8	2.1	23.6	2.1	22.3	1.9	21.0	1.8		
		75.2	10.3	1.6	13.4	1.7	16.8	1.8	18.3	1.8	20.4	1.9	22.3	2.0	24.0	2.0	23.6	2.0	21.6	1.9	20.4	1.8	19.2	1.7		
		77.0	10.1	1.6	13.1	1.7	16.4	1.8	17.9	1.8	20.0	1.9	21.8	1.9	23.5	2.0	23.1	2.0	21.1	1.9	20.0	1.8	18.8	1.7		
		80.6	9.4	1.4	12.1	1.5	15.3	1.6	16.6	1.6	18.6	1.7	20.3	1.8	21.8	1.8	21.5	1.8	19.7	1.7	18.6	1.6	17.5	1.5		
Medium	618	60.8	12.3	1.9	15.9	1.9	20.0	2.1	21.8	2.1	24.3	2.2	26.6	2.3	28.6	2.3	28.1	2.3	25.8	2.2	24.3	2.1	22.9	2.0		
		64.4	12.1	1.8	15.6	1.9	19.7	2.0	21.4	2.1	23.9	2.2	26.1	2.3	28.1	2.3	27.6	2.3	25.3	2.2	23.9	2.1	22.5	2.0		
		68.0	11.5	1.8	14.9	1.9	18.7	2.0	20.4	2.0	22.7	2.1	24.9	2.2	26.8	2.2	26.3	2.2	24.1	2.1	22.7	2.0	21.4	1.9		
		71.6	11.2	1.7	14.4	1.8	18.2	1.9	19.8	2.0	22.1	2.1	24.1	2.1	25.9	2.2	25.5	2.2	23.4	2.1	22.1	2.0	20.8	1.9		
		75.2	10.2	1.7	13.2	1.7	16.7	1.8	18.1	1.9	20.2	2.0	22.1	2.0	23.8	2.1	23.4	2.1	21.4	2.0	20.2	1.9	19.0	1.8		
		77.0	10.0	1.6	12.9	1.7	16.3	1.8	17.7	1.8	19.8	1.9	21.6	2.0	23.3	2.0	22.9	2.0	20.9	1.9	19.8	1.8	18.6	1.7		
		80.6	9.3	1.5	12.0	1.5	15.2	1.6	16.5	1.7	18.4	1.8	20.2	1.8	21.7	1.9	21.3	1.8	19.5	1.8	18.4	1.7	17.3	1.6		
Low	530	60.8	12.0	1.9	15.6	2.0	19.6	2.1	21.3	2.2	23.8	2.3	26.0	2.3	28.0	2.4	27.5	2.4	25.2	2.3	23.8	2.2	22.4	2.0		
		64.4	11.8	1.9	15.3	1.9	19.2	2.1	20.9	2.1	23.4	2.2	25.6	2.3	27.5	2.3	27.0	2.3	24.7	2.2	23.4	2.1	22.0	2.0		
		68.0	11.2	1.8	14.4	1.9	18.2	2.0	19.8	2.0	22.0	2.1	24.1	2.2	25.9	2.3	25.5	2.2	23.3	2.1	22.0	2.0	20.7	1.9		
		71.6	10.9	1.8	14.1	1.9	17.8	2.0	19.4	2.0	21.6	2.1	23.6	2.2	25.4	2.2	25.0	2.2	22.9	2.1	21.6	2.0	20.3	1.9		
		75.2	10.0	1.7	13.0	1.8	16.3	1.9	17.8	1.9	19.8	2.0	21.7	2.1	23.3	2.1	22.9	2.1	21.0	2.0	19.8	1.9	18.7	1.8		
		77.0	9.8	1.7	12.7	1.7	16.0	1.8	17.4	1.9	19.4	2.0	21.2	2.0	22.8	2.1	22.4	2.1	20.5	2.0	19.4	1.9	18.3	1.8		
		80.6	9.1	1.5	11.8	1.6	14.9	1.7	16.2	1.7	18.1	1.8	19.8	1.9	21.3	1.9	20.9	1.9	19.1	1.8	18.1	1.7	17.0	1.6		

Outdoor Unit:GUHD30NK3CO/GUHD30NK3C1O Indoor Unit:GTH30K3CI

Fan Speed	AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
			5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	942	60.8	14.8	2.2	19.1	2.3	24.1	2.4	26.2	2.5	29.2	2.6	32.0	2.7	34.4	2.7	33.8	2.7	30.9	2.6	29.2	2.5	27.5	2.3		
		64.4	14.5	2.1	18.7	2.2	23.6	2.4	25.7	2.4	28.7	2.5	31.4	2.6	33.7	2.7	33.1	2.7	30.3	2.5	28.7	2.4	27.0	2.3		
		68.0	13.9	2.1	18.0	2.2	22.7	2.3	24.7	2.4	27.6	2.5	30.1	2.6	32.4	2.6	31.9	2.6	29.2	2.5	27.6	2.4	25.9	2.2		
		71.6	13.4	2.1	17.3	2.1	21.8	2.3	23.7	2.3	26.4	2.4	28.9	2.5	31.1	2.6	30.6	2.6	28.0	2.4	26.4	2.3	24.9	2.2		
		75.2	12.3	1.9	15.9	2.0	20.0	2.1	21.7	2.2	24.2	2.3	26.5	2.4	28.5	2.4	28.0	2.4	25.7	2.3	24.2	2.2	22.8	2.1		
		77.0	12.0	1.9	15.5	2.0	19.5	2.1	21.2	2.1	23.7	2.2	25.9	2.3	27.9	2.4	27.4	2.3	25.1	2.2	23.7	2.1	22.3	2.0		
		80.6	11.2	1.7	14.4	1.8	18.2	1.9	19.8	1.9	22.0	2.0	24.1	2.1	25.9	2.2	25.5	2.1	23.3	2.0	22.0	1.9	20.7	1.8		
Medium	853	60.8	14.6	2.2	18.9	2.3	23.8	2.5	25.9	2.5	28.9	2.6	31.6	2.7	34.0	2.8	33.4	2.8	30.6	2.6	28.9	2.5	27.2	2.4		
		64.4	14.3	2.2	18.5	2.3	23.3	2.4	25.4	2.5	28.4	2.6	31.0	2.7	33.4	2.7	32.8	2.7	30.0	2.6	28.4	2.5	26.7	2.3		
		68.0	13.7	2.1	17.7	2.2	22.2	2.3	24.2	2.4	27.0	2.5	29.5	2.6	31.8	2.7	31.2	2.6	28.6	2.5	27.0	2.4	25.4	2.3		
		71.6	13.2	2.1	17.1	2.2	21.6	2.3	23.5	2.3	26.2	2.5	28.7	2.6	30.8	2.6	30.3	2.6	27.7	2.5	26.2	2.3	24.7	2.2		
		75.2	12.2	2.0	15.7	2.1	19.8	2.2	21.5	2.2	24.0	2.3	26.3	2.4	28.3	2.5	27.8	2.4	25.4	2.3	24.0	2.2	22.6	2.1		
		77.0	11.9	1.9	15.4	2.0	19.3	2.1	21.1	2.2	23.5	2.3	25.7	2.4	27.6	2.4	27.2	2.4	24.9	2.3	23.5	2.2	22.1	2.1		
		80.6	11.1	1.8	14.3	1.8	18.0	1.9	19.6	2.0	21.9	2.1	23.9	2.2	25.7	2.2	25.3	2.2	23.2	2.1	21.9	2.0	20.6	1.9		
Low	765	60.8	14.3	2.3	18.5	2.4	23.3	2.5	25.3	2.6	28.3	2.7	30.9	2.8	33.3	2.8	32.7	2.8	29.9	2.7	28.3	2.6	26.6	2.4		
		64.4	14.0	2.2	18.1	2.3	22.8	2.5	24.9	2.5	27.7	2.7	30.4	2.7	32.6	2.8	32.1	2.8	29.4	2.7	27.7	2.5	26.1	2.4		
		68.0	13.2	2.1	17.1	2.2	21.6	2.4	23.5	2.4	26.2	2.5	28.6	2.6	30.8	2.7	30.3	2.7	27.7	2.5	26.2	2.4	24.6	2.3		
		71.6	13.0	2.1	16.8	2.2	21.1	2.3	23.0	2.4	25.7	2.5	28.1	2.6	30.2	2.7	29.7	2.6	27.2	2.5	25.7	2.4	24.1	2.3		
		75.2	11.9	2.0	15.4	2.1	19.4	2.2	21.1	2.3	23.6	2.4	25.8	2.5	27.7	2.5	27.2	2.5	24.9	2.4	23.6	2.3	22.2	2.1		
		77.0	11.7	2.0	15.1	2.0	19.0	2.2	20.6	2.2	23.0	2.3	25.2	2.4	27.1	2.5	26.6	2.4	24.4	2.3	23.0	2.2	21.7	2.1		
		80.6	10.9	1.8	14.0	1.9	17.7	2.0	19.2	2.0	21.5	2.1	23.5	2.2	25.3	2.3	24.8	2.2	22.7	2.1	21.5	2.0	20.2	1.9		

Outdoor Unit:GUHD36NK3CO/GUHD36NM3CO Indoor Unit:GTH36K3CI

Fan Speed	AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
			5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	1177	60.8	17.9	2.6	23.1	2.7	29.1	2.9	31.7	3.0	35.4	3.1	38.7	3.2	41.6	3.3	40.9	3.3	37.4	3.1	35.4	3.0	33.3	2.8		
		64.4	17.5	2.6	22.7	2.7	28.6	2.9	31.1	2.9	34.7	3.1	38.0	3.2	40.8	3.2	40.1	3.2	36.7	3.1	34.7	2.9	32.6	2.8		
		68.0	16.9	2.5	21.8	2.6	27.5	2.8	29.9	2.9	33.4	3.0	36.5	3.1	39.2	3.2	38.6	3.1	35.3	3.0	33.4	2.9	31.4	2.7		
		71.6	16.2	2.5	20.9	2.6	26.4	2.7	28.7	2.8	32.0	3.0	35.0	3.1	37.7	3.1	37.0	3.1	33.9	3.0	32.0	2.8	30.1	2.6		
		75.2	14.8	2.3	19.2	2.4	24.2	2.6	26.3	2.6	29.4	2.8	32.1	2.9	34.5	2.9	33.9	2.9	31.1	2.8	29.4	2.6	27.6	2.5		
		77.0	14.5	2.3	18.8	2.4	23.6	2.5	25.7	2.6	28.7	2.7	31.4	2.8	33.7	2.9	33.2	2.8	30.4	2.7	28.7	2.6	27.0	2.4		
		80.6	13.5	2.1	17.5	2.2	22.0	2.3	23.9	2.3	26.7	2.5	29.2	2.6	31.4	2.6	30.9	2.6	28.3	2.5	26.7	2.3	25.1	2.2		
Medium	959	60.8	17.7	2.7	22.9	2.8	28.8	3.0	31.4	3.0	35.0	3.2	38.3	3.3	41.1	3.4	40.4	3.3	37.0	3.2	35.0	3.0	32.9	2.9		
		64.4	17.4	2.6	22.4	2.7	28.3	2.9	30.8	3.0	34.3	3.1	37.5	3.2	40.4	3.3	39.7	3.3	36.3	3.1	34.3	3.0	32.3	2.8		
		68.0	16.5	2.6	21.4	2.7	26.9	2.8	29.3	2.9	32.7	3.1	35.8	3.1	38.5	3.2	37.8	3.2	34.6	3.1	32.7	2.9	30.8	2.7		
		71.6	16.0	2.5	20.7	2.6	26.1	2.8	28.4	2.8	31.7	3.0	34.7	3.1	37.3	3.1	36.7	3.1	33.6	3.0	31.7	2.8	29.8	2.7		
		75.2	14.7	2.4	19.0	2.5	24.0	2.6	26.1	2.7	29.1	2.8	31.8	2.9	34.2	3.0	33.6	3.0	30.8	2.8	29.1	2.7	27.4	2.5		
		77.0	14.4	2.3	18.6	2.4	23.4	2.6	25.5	2.6	28.4	2.8	31.1	2.9	33.5	2.9	32.9	2.9	30.1	2.8	28.4	2.6	26.8	2.5		
		80.6	13.4	2.1	17.3	2.2	21.8	2.3	23.7	2.4	26.5	2.5	29.0	2.6	31.1	2.7	30.6	2.6	28.0	2.5	26.5	2.4	24.9	2.3		
Low	895	60.8	17.3	2.8	22.4	2.9	28.2	3.0	30.7	3.1	34.2	3.3	37.4	3.4	40.3	3.4	39.6	3.4	36.2	3.3	34.2	3.1	32.2	2.9		
		64.4	17.0	2.7	22.0	2.8	27.7	3.0	30.1	3.0	33.6	3.2	36.7	3.3	39.5	3.4	38.8	3.3	35.6	3.2	33.6	3.0	31.6	2.9		
		68.0	16.0	2.6	20.7	2.7	26.1	2.9	28.4	2.9	31.7	3.1	34.7	3.2	37.3	3.2	36.6	3.2	33.5	3.1	31.7	2.9	29.8	2.8		
		71.6	15.7	2.6	20.3	2.7	25.6	2.8	27.8	2.9	31.1	3.1	34.0	3.1	36.5	3.2	35.9	3.2	32.9	3.1	31.1	2.9	29.2	2.7		
		75.2	14.4	2.4	18.7	2.5	23.5	2.7	25.6	2.7	28.5	2.9	31.2	3.0	33.5	3.0	33.0	3.0	30.2	2.9	28.5	2.7	26.8	2.6		
		77.0	14.1	2.4	18.2	2.5	23.0	2.6	25.0	2.7	27.9	2.8	30.5	2.9	32.8	3.0	32.2	3.0	29.5	2.8	27.9	2.7	26.2	2.5		
		80.6	13.1	2.2	17.0	2.3	21.4	2.4	23.3	2.5	26.0	2.6	28.4	2.7	30.6	2.7	30.0	2.7	27.5	2.6	26.0	2.5	24.5	2.3		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD36NK3C1O/GUHD36NM3C1O Indoor Unit:GTH36K3CI

Fan Speed	AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
			5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	1177	60.8	17.4	2.6	22.5	2.7	28.4	2.8	30.9	2.9	34.4	3.1	37.7	3.2	40.5	3.2	39.8	3.2	36.5	3.1	34.4	2.9	32.4	2.7		
		64.4	17.1	2.5	22.1	2.6	27.8	2.8	30.3	2.8	33.8	3.0	37.0	3.1	39.7	3.2	39.1	3.1	35.8	3.0	33.8	2.8	31.8	2.7		
		68.0	16.4	2.5	21.2	2.6	26.8	2.7	29.1	2.8	32.5	2.9	35.5	3.0	38.2	3.1	37.6	3.1	34.4	2.9	32.5	2.8	30.6	2.6		
		71.6	15.8	2.4	20.4	2.5	25.7	2.7	28.0	2.7	31.2	2.9	34.1	3.0	36.7	3.0	36.1	3.0	33.0	2.9	31.2	2.7	29.3	2.6		
		75.2	14.5	2.3	18.7	2.4	23.5	2.5	25.6	2.6	28.6	2.7	31.3	2.8	33.6	2.9	33.1	2.8	30.3	2.7	28.6	2.6	26.9	2.4		
		77.0	14.1	2.2	18.3	2.3	23.0	2.5	25.0	2.5	27.9	2.7	30.6	2.7	32.9	2.8	32.3	2.8	29.6	2.7	27.9	2.5	26.3	2.4		
		80.6	13.1	2.0	17.0	2.1	21.4	2.2	23.3	2.3	26.0	2.4	28.4	2.5	30.6	2.5	30.1	2.5	27.5	2.4	26.0	2.3	24.5	2.2		
Medium	959	60.8	17.2	2.6	22.3	2.7	28.1	2.9	30.5	3.0	34.1	3.1	37.3	3.2	40.1	3.3	39.4	3.3	36.1	3.1	34.1	3.0	32.1	2.8		
		64.4	16.9	2.6	21.9	2.7	27.5	2.8	30.0	2.9	33.4	3.1	36.6	3.2	39.3	3.2	38.7	3.2	35.4	3.1	33.4	2.9	31.5	2.7		
		68.0	16.1	2.5	20.8	2.6	26.2	2.8	28.5	2.8	31.8	3.0	34.8	3.1	37.5	3.1	36.8	3.1	33.7	3.0	31.8	2.8	30.0	2.7		
		71.6	15.6	2.5	20.2	2.5	25.4	2.7	27.7	2.8	30.9	2.9	33.8	3.0	36.3	3.1	35.7	3.0	32.7	2.9	30.9	2.8	29.1	2.6		
		75.2	14.3	2.3	18.5	2.4	23.3	2.6	25.4	2.6	28.3	2.8	31.0	2.9	33.3	2.9	32.8	2.9	30.0	2.8	28.3	2.6	26.7	2.5		
		77.0	14.0	2.3	18.1	2.4	22.8	2.5	24.8	2.6	27.7	2.7	30.3	2.8	32.6	2.8	32.0	2.8	29.3	2.7	27.7	2.6	26.1	2.4		
		80.6	13.0	2.1	16.9	2.2	21.2	2.3	23.1	2.3	25.8	2.5	28.2	2.5	30.3	2.6	29.8	2.6	27.3	2.5	25.8	2.3	24.3	2.2		
Low	895	60.8	16.9	2.7	21.8	2.8	27.4	2.9	29.9	3.0	33.3	3.2	36.5	3.3	39.2	3.4	38.5	3.3	35.3	3.2	33.3	3.0	31.4	2.8		
		64.4	16.5	2.6	21.4	2.7	26.9	2.9	29.3	3.0	32.7	3.1	35.8	3.2	38.5	3.3	37.8	3.3	34.6	3.1	32.7	3.0	30.8	2.8		
		68.0	15.6	2.5	20.2	2.6	25.4	2.8	27.7	2.8	30.9	3.0	33.8	3.1	36.3	3.2	35.7	3.1	32.7	3.0	30.9	2.8	29.0	2.7		
		71.6	15.3	2.5	19.8	2.6	24.9	2.8	27.1	2.8	30.2	3.0	33.1	3.1	35.6	3.1	35.0	3.1	32.0	3.0	30.2	2.8	28.5	2.7		
		75.2	14.0	2.4	18.2	2.5	22.9	2.6	24.9	2.7	27.8	2.8	30.4	2.9	32.7	3.0	32.1	2.9	29.4	2.8	27.8	2.7	26.1	2.5		
		77.0	13.7	2.3	17.8	2.4	22.4	2.6	24.3	2.6	27.2	2.8	29.7	2.9	31.9	2.9	31.4	2.9	28.8	2.8	27.2	2.6	25.6	2.5		
		80.6	12.8	2.1	16.6	2.2	20.8	2.3	22.7	2.4	25.3	2.5	27.7	2.6	29.8	2.7	29.3	2.6	26.8	2.5	25.3	2.4	23.8	2.3		

Outdoor Unit:GUHD42NK3CO/GUHD42NM3CO/GUHD42NK3C1O/GUHD42NM3C1O Indoor Unit:GTH42K3CI

Fan Speed	AFR	Indoor temperature DB(°C)	Outdoor temperature DB/WB (°C)																							
			5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	1177	60.8	19.4	2.9	25.1	3.0	31.6	3.2	34.4	3.2	38.4	3.4	42.0	3.5	45.2	3.6	44.4	3.6	40.7	3.4	38.4	3.2	36.2	3.1		
		64.4	19.1	2.8	24.7	2.9	31.0	3.1	33.8	3.2	37.7	3.4	41.3	3.5	44.4	3.5	43.6	3.5	39.9	3.4	37.7	3.2	35.5	3.0		
		68.0	18.3	2.8	23.7	2.9	29.9	3.0	32.5	3.1	36.3	3.3	39.7	3.4	42.7	3.5	41.9	3.4	38.4	3.3	36.3	3.1	34.1	2.9		
		71.6	17.6	2.7	22.8	2.8	28.7	3.0	31.2	3.1	34.8	3.2	38.1	3.3	40.9	3.4	40.2	3.4	36.8	3.2	34.8	3.1	32.8	2.9		
		75.2	16.1	2.5	20.9	2.6	26.3	2.8	28.6	2.9	31.9	3.0	34.9	3.1	37.5	3.2	36.9	3.2	33.8	3.0	31.9	2.9	30.0	2.7		
		77.0	15.8	2.5	20.4	2.6	25.7	2.7	27.9	2.8	31.2	3.0	34.1	3.1	36.7	3.1	36.1	3.1	33.0	3.0	31.2	2.8	29.3	2.6		
		80.6	14.7	2.3	19.0	2.4	23.9	2.5	26.0	2.6	29.0	2.7	31.7	2.8	34.1	2.8	33.5	2.8	30.7	2.7	29.0	2.6	27.3	2.4		
Medium	959	60.8	19.2	2.9	24.9	3.0	31.3	3.2	34.1	3.3	38.0	3.5	41.6	3.6	44.7	3.7	44.0	3.6	40.3	3.5	38.0	3.3	35.8	3.1		
		64.4	18.9	2.9	24.4	3.0	30.7	3.2	33.4	3.2	37.3	3.4	40.8	3.5	43.9	3.6	43.1	3.6	39.5	3.4	37.3	3.2	35.1	3.1		
		68.0	18.0	2.8	23.2	2.9	29.3	3.1	31.8	3.1	35.5	3.3	38.9	3.4	41.8	3.5	41.1	3.5	37.6	3.3	35.5	3.1	33.4	3.0		
		71.6	17.4	2.7	22.5	2.8	28.4	3.0	30.9	3.1	34.5	3.3	37.7	3.4	40.5	3.4	39.9	3.4	36.5	3.3	34.5	3.1	32.4	2.9		
		75.2	16.0	2.6	20.7	2.7	26.0	2.9	28.3	2.9	31.6	3.1	34.6	3.2	37.2	3.2	36.6	3.2	33.5	3.1	31.6	2.9	29.8	2.8		
		77.0	15.6	2.5	20.2	2.6	25.5	2.8	27.7	2.9	30.9	3.0	33.8	3.1	36.4	3.2	35.7	3.1	32.7	3.0	30.9	2.9	29.1	2.7		
		80.6	14.6	2.3	18.8	2.4	23.7	2.6	25.8	2.6	28.8	2.8	31.5	2.8	33.9	2.9	33.3	2.9	30.5	2.8	28.8	2.6	27.1	2.5		
Low	895	60.8	18.8	3.0	24.3	3.1	30.6	3.3	33.3	3.4	37.2	3.6	40.7	3.7	43.8	3.7	43.0	3.7	39.4	3.6	37.2	3.4	35.0	3.2		
		64.4	18.5	2.9	23.9	3.0	30.1	3.2	32.7	3.3	36.5	3.5	39.9	3.6	42.9	3.7	42.2	3.6	38.7	3.5	36.5	3.3	34.4	3.1		
		68.0	17.4	2.8	22.5	2.9	28.4	3.1	30.9	3.2	34.4	3.4	37.7	3.5	40.5	3.5	39.8	3.5	36.5	3.4	34.4	3.2	32.4	3.0		
		71.6	17.1	2.8	22.1	2.9	27.8	3.1	30.3	3.1	33.8	3.3	36.9	3.4	39.7	3.5	39.0	3.5	35.7	3.3	33.8	3.1	31.8	3.0		
		75.2	15.7	2.7	20.3	2.8	25.5	2.9	27.8	3.0	31.0	3.2	33.9	3.3	36.5	3.3	35.8	3.3	32.8	3.2	31.0	3.0	29.2	2.8		
		77.0	15.3	2.6	19.8	2.7	25.0	2.9	27.2	2.9	30.3	3.1	33.2	3.2	35.7	3.2	35.0	3.2	32.1	3.1	30.3	2.9	28.5	2.8		
		80.6	14.3	2.4	18.5	2.5	23.3	2.6	25.3	2.7	28.2	2.8	30.9	2.9	33.2	3.0	32.7	2.9	29.9	2.8	28.2	2.7	26.6	2.5		

Outdoor Unit:GUHD48NK3CO/GUHD48NM3CO Indoor Unit:GTH48K3CI

Fan Speed	AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
			5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	1354	60.8	25.7	3.7	33.2	3.8	41.8	4.0	45.5	4.1	50.7	4.3	55.5	4.5	59.7	4.6	58.7	4.5	53.7	4.3	50.7	4.1	47.7	3.9		
		64.4	25.2	3.6	32.6	3.7	41.0	3.9	44.6	4.0	49.8	4.3	54.5	4.4	58.5	4.5	57.6	4.4	52.7	4.3	49.8	4.0	46.8	3.8		
		68.0	24.2	3.5	31.3	3.7	39.4	3.9	42.9	4.0	47.9	4.2	52.4	4.3	56.3	4.4	55.3	4.4	50.7	4.2	47.9	4.0	45.0	3.7		
		71.6	23.2	3.4	30.0	3.6	37.8	3.8	41.2	3.9	45.9	4.1	50.3	4.2	54.0	4.3	53.1	4.3	48.6	4.1	45.9	3.9	43.2	3.7		
		75.2	21.3	3.2	27.5	3.4	34.7	3.6	37.8	3.6	42.1	3.8	46.1	4.0	49.5	4.0	48.7	4.0	44.6	3.8	42.1	3.6	39.6	3.4		
		77.0	20.8	3.2	26.9	3.3	33.9	3.5	36.9	3.6	41.2	3.8	45.0	3.9	48.4	4.0	47.6	3.9	43.6	3.8	41.2	3.6	38.7	3.4		
		80.6	19.4	2.9	25.0	3.0	31.5	3.2	34.3	3.2	38.3	3.4	41.9	3.5	45.0	3.6	44.3	3.6	40.5	3.4	38.3	3.2	36.0	3.1		
Medium	1236	60.8	25.4	3.7	32.8	3.9	41.3	4.1	45.0	4.2	50.2	4.4	54.9	4.6	59.0	4.7	58.0	4.6	53.1	4.4	50.2	4.2	47.2	4.0		
		64.4	24.9	3.7	32.2	3.8	40.6	4.0	44.1	4.1	49.2	4.3	53.9	4.5	57.9	4.6	56.9	4.5	52.1	4.3	49.2	4.1	46.3	3.9		
		68.0	23.7	3.6	30.7	3.7	38.6	3.9	42.0	4.0	46.9	4.2	51.3	4.4	55.2	4.4	54.2	4.4	49.7	4.2	46.9	4.0	44.1	3.8		
		71.6	23.0	3.5	29.8	3.6	37.5	3.8	40.8	3.9	45.5	4.1	49.8	4.3	53.5	4.4	52.6	4.3	48.2	4.1	45.5	3.9	42.8	3.7		
		75.2	21.1	3.3	27.3	3.4	34.4	3.6	37.4	3.7	41.7	3.9	45.7	4.1	49.1	4.1	48.3	4.1	44.2	3.9	41.7	3.7	39.3	3.5		
		77.0	20.6	3.2	26.7	3.4	33.6	3.6	36.6	3.6	40.8	3.8	44.6	4.0	48.0	4.0	47.2	4.0	43.2	3.8	40.8	3.6	38.4	3.4		
		80.6	19.2	3.0	24.8	3.1	31.3	3.2	34.1	3.3	38.0	3.5	41.6	3.6	44.7	3.7	43.9	3.7	40.2	3.5	38.0	3.3	35.8	3.1		
Low	1118	60.8	24.8	3.8	32.1	3.9	40.4	4.2	44.0	4.3	49.1	4.5	53.7	4.7	57.8	4.8	56.8	4.7	52.0	4.5	49.1	4.3	46.2	4.0		
		64.4	24.4	3.7	31.5	3.9	39.7	4.1	43.2	4.2	48.2	4.4	52.7	4.6	56.7	4.7	55.7	4.6	51.0	4.4	48.2	4.2	45.4	4.0		
		68.0	23.0	3.6	29.7	3.7	37.4	3.9	40.8	4.0	45.5	4.3	49.7	4.4	53.5	4.5	52.6	4.4	48.1	4.3	45.5	4.0	42.8	3.8		
		71.6	22.5	3.6	29.1	3.7	36.7	3.9	39.9	4.0	44.6	4.2	48.7	4.4	52.4	4.4	51.5	4.4	47.2	4.2	44.6	4.0	41.9	3.8		
		75.2	20.7	3.4	26.8	3.5	33.7	3.7	36.7	3.8	40.9	4.0	44.8	4.1	48.1	4.2	47.3	4.2	43.3	4.0	40.9	3.8	38.5	3.6		
		77.0	20.2	3.3	26.2	3.4	32.9	3.6	35.9	3.7	40.0	3.9	43.8	4.0	47.1	4.1	46.3	4.1	42.4	3.9	40.0	3.7	37.7	3.5		
		80.6	18.9	3.0	24.4	3.1	30.7	3.3	33.4	3.4	37.3	3.6	40.8	3.7	43.9	3.8	43.1	3.7	39.5	3.6	37.3	3.4	35.1	3.2		

Outdoor Unit:GUHD48NK3C1O/GUHD48NM3C1O Indoor Unit:GTH48K3CI

Fan Speed	AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
			5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	1354	60.8	24.9	3.7	32.2	3.8	40.5	4.1	44.1	4.1	49.2	4.4	53.8	4.5	57.9	4.6	56.9	4.6	52.1	4.4	49.2	4.1	46.3	3.9		
		64.4	24.4	3.6	31.6	3.8	39.7	4.0	43.3	4.1	48.3	4.3	52.8	4.4	56.8	4.5	55.8	4.5	51.1	4.3	48.3	4.1	45.4	3.8		
		68.0	23.5	3.5	30.4	3.7	38.2	3.9	41.6	4.0	46.4	4.2	50.8	4.3	54.6	4.4	53.7	4.4	49.1	4.2	46.4	4.0	43.7	3.8		
		71.6	22.5	3.5	29.1	3.6	36.7	3.8	39.9	3.9	44.5	4.1	48.7	4.3	52.4	4.3	51.5	4.3	47.2	4.1	44.5	3.9	41.9	3.7		
		75.2	20.7	3.3	26.7	3.4	33.6	3.6	36.6	3.7	40.8	3.9	44.7	4.0	48.0	4.1	47.2	4.0	43.2	3.9	40.8	3.7	38.4	3.5		
		77.0	20.2	3.2	26.1	3.3	32.9	3.5	35.8	3.6	39.9	3.8	43.7	3.9	46.9	4.0	46.2	3.9	42.3	3.8	39.9	3.6	37.6	3.4		
		80.6	18.8	2.9	24.3	3.0	30.6	3.2	33.3	3.3	37.1	3.5	40.6	3.6	43.7	3.6	42.9	3.6	39.3	3.5	37.1	3.3	34.9	3.1		
Medium	1236	60.8	24.6	3.8	31.8	3.9	40.1	4.1	43.6	4.2	48.7	4.5	53.2	4.6	57.2	4.7	56.3	4.7	51.5	4.5	48.7	4.2	45.8	4.0		
		64.4	24.2	3.7	31.2	3.8	39.3	4.1	42.8	4.1	47.7	4.4	52.2	4.5	56.2	4.6	55.2	4.6	50.6	4.4	47.7	4.1	44.9	3.9		
		68.0	23.0	3.6	29.7	3.7	37.5	3.9	40.8	4.0	45.5	4.3	49.8	4.4	53.5	4.5	52.6	4.4	48.2	4.3	45.5	4.0	42.8	3.8		
		71.6	22.3	3.5	28.9	3.6	36.3	3.9	39.5	3.9	44.1	4.2	48.3	4.3	51.9	4.4	51.0	4.3	46.7	4.2	44.1	3.9	41.5	3.7		
		75.2	20.5	3.3	26.5	3.5	33.3	3.7	36.3	3.7	40.5	4.0	44.3	4.1	47.6	4.2	46.8	4.1	42.9	4.0	40.5	3.7	38.1	3.5		
		77.0	20.0	3.3	25.9	3.4	32.6	3.6	35.5	3.7	39.6	3.9	43.3	4.0	46.5	4.1	45.8	4.0	41.9	3.9	39.6	3.7	37.2	3.5		
		80.6	18.6	3.0	24.1	3.1	30.3	3.3	33.0	3.3	36.8	3.5	40.3	3.6	43.3	3.7	42.6	3.7	39.0	3.5	36.8	3.3	34.7	3.2		
Low	1118	60.8	24.1	3.8	31.1	4.0	39.2	4.2	42.7	4.3	47.6	4.6	52.1	4.7	56.0	4.8	55.1	4.7	50.4	4.6	47.6	4.3	44.8	4.1		
		64.4	23.6	3.8	30.6	3.9	38.5	4.1	41.9	4.2	46.7	4.5	51.1	4.6	55.0	4.7	54.0	4.7	49.5	4.5	46.7	4.2	44.0	4.0		
		68.0	22.3	3.6	28.8	3.8	36.3	4.0	39.5	4.1	44.1	4.3	48.2	4.4	51.9	4.5	51.0	4.5	46.7	4.3	44.1	4.1	41.5	3.8		
		71.6	21.9	3.6	28.3	3.7	35.6	3.9	38.7	4.0	43.2	4.2	47.3	4.4	50.8	4.5	50.0	4.4	45.7	4.2	43.2	4.0	40.7	3.8		
		75.2	20.1	3.4	26.0	3.5	32.7	3.7	35.6	3.8	39.7	4.0	43.4	4.2	46.7	4.2	45.9	4.2	42.0	4.0	39.7	3.8	37.3	3.6		
		77.0	19.6	3.3	25.4	3.5	31.9	3.7	34.8	3.7	38.8	3.9	42.4	4.1	45.6	4.2	44.9	4.1	41.1	3.9	38.8	3.7	36.5	3.5		
		80.6	18.3	3.0	23.6	3.2	29.8	3.3	32.4	3.4	36.1	3.6	39.6	3.7	42.5	3.8	41.8	3.8	38.3	3.6	36.1	3.4	34.0	3.2		

A/A DC Inverter U-match Air Conditioners Technical Sales Guide

Outdoor Unit:GUHD60NM3CO/GUHD60NM3C1O Indoor Unit:GTH60K3CI

Fan Speed	AFR	Indoor temperature DB(°F)	Outdoor temperature DB/WB (°F)																							
			5/3.2		14/12.2		19.4/17.6		23/19.4		32/28.4		41/37.4		44.6/42.8		50/46.4		59/50		68/59		75.2/64.4			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
High	1354	60.8	27.2	4.0	35.2	4.2	44.3	4.4	48.2	4.5	53.8	4.8	58.9	4.9	63.3	5.0	62.2	5.0	57.0	4.8	53.8	4.5	50.6	4.3		
		64.4	26.7	3.9	34.5	4.1	43.5	4.3	47.3	4.4	52.8	4.7	57.8	4.8	62.1	4.9	61.0	4.9	55.9	4.7	52.8	4.4	49.7	4.2		
		68.0	25.7	3.9	33.2	4.0	41.8	4.3	45.5	4.4	50.8	4.6	55.5	4.7	59.7	4.8	58.7	4.8	53.7	4.6	50.8	4.4	47.8	4.1		
		71.6	24.6	3.8	31.9	3.9	40.1	4.2	43.7	4.3	48.7	4.5	53.3	4.6	57.3	4.7	56.3	4.7	51.6	4.5	48.7	4.3	45.9	4.0		
		75.2	22.6	3.6	29.2	3.7	36.8	3.9	40.0	4.0	44.7	4.2	48.9	4.4	52.5	4.5	51.7	4.4	47.3	4.2	44.7	4.0	42.0	3.8		
		77.0	22.1	3.5	28.6	3.6	35.9	3.8	39.1	3.9	43.6	4.1	47.8	4.3	51.4	4.4	50.5	4.3	46.2	4.1	43.6	3.9	41.1	3.7		
		80.6	20.5	3.2	26.6	3.3	33.4	3.5	36.4	3.6	40.6	3.8	44.4	3.9	47.8	4.0	47.0	3.9	43.0	3.8	40.6	3.6	38.2	3.4		
Medium	1236	60.8	26.9	4.1	34.8	4.3	43.8	4.5	47.7	4.6	53.2	4.9	58.2	5.0	62.6	5.1	61.5	5.1	56.4	4.9	53.2	4.6	50.1	4.4		
		64.4	26.4	4.0	34.2	4.2	43.0	4.4	46.8	4.5	52.2	4.8	57.1	4.9	61.4	5.0	60.4	5.0	55.3	4.8	52.2	4.5	49.2	4.3		
		68.0	25.2	3.9	32.5	4.1	41.0	4.3	44.6	4.4	49.7	4.6	54.4	4.8	58.5	4.9	57.5	4.8	52.7	4.6	49.7	4.4	46.8	4.2		
		71.6	24.4	3.8	31.6	4.0	39.7	4.2	43.3	4.3	48.2	4.6	52.8	4.7	56.8	4.8	55.8	4.7	51.1	4.6	48.2	4.3	45.4	4.1		
		75.2	22.4	3.6	29.0	3.8	36.5	4.0	39.7	4.1	44.3	4.3	48.4	4.5	52.1	4.5	51.2	4.5	46.9	4.3	44.3	4.1	41.7	3.9		
		77.0	21.9	3.6	28.3	3.7	35.6	3.9	38.8	4.0	43.3	4.2	47.3	4.4	50.9	4.4	50.0	4.4	45.8	4.2	43.3	4.0	40.7	3.8		
		80.6	20.4	3.2	26.4	3.4	33.2	3.6	36.1	3.7	40.3	3.9	44.1	4.0	47.4	4.1	46.6	4.0	42.7	3.9	40.3	3.7	37.9	3.4		
Low	1118	60.8	26.3	4.2	34.1	4.3	42.9	4.6	46.7	4.7	52.1	5.0	57.0	5.1	61.3	5.2	60.2	5.2	55.1	5.0	52.1	4.7	49.0	4.4		
		64.4	25.9	4.1	33.4	4.3	42.1	4.5	45.8	4.6	51.1	4.9	55.9	5.0	60.1	5.1	59.1	5.1	54.1	4.9	51.1	4.6	48.1	4.4		
		68.0	24.4	3.9	31.5	4.1	39.7	4.3	43.2	4.4	48.2	4.7	52.8	4.8	56.7	4.9	55.8	4.9	51.1	4.7	48.2	4.4	45.4	4.2		
		71.6	23.9	3.9	30.9	4.1	38.9	4.3	42.4	4.4	47.3	4.6	51.7	4.8	55.6	4.9	54.6	4.8	50.0	4.6	47.3	4.4	44.5	4.2		
		75.2	22.0	3.7	28.4	3.9	35.7	4.1	38.9	4.2	43.4	4.4	47.5	4.5	51.1	4.6	50.2	4.6	45.9	4.4	43.4	4.2	40.8	3.9		
		77.0	21.5	3.6	27.8	3.8	34.9	4.0	38.0	4.1	42.4	4.3	46.4	4.5	49.9	4.5	49.1	4.5	44.9	4.3	42.4	4.1	39.9	3.9		
		80.6	20.0	3.3	25.9	3.4	32.6	3.6	35.4	3.7	39.5	3.9	43.3	4.1	46.5	4.1	45.7	4.1	41.9	3.9	39.5	3.7	37.2	3.5		

4.7 Electrical Data

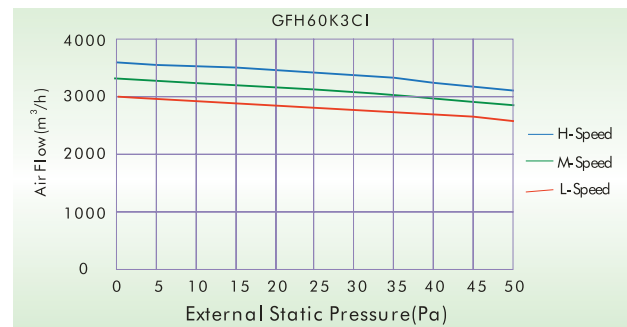
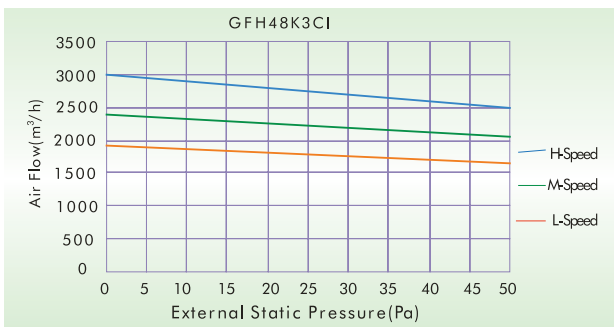
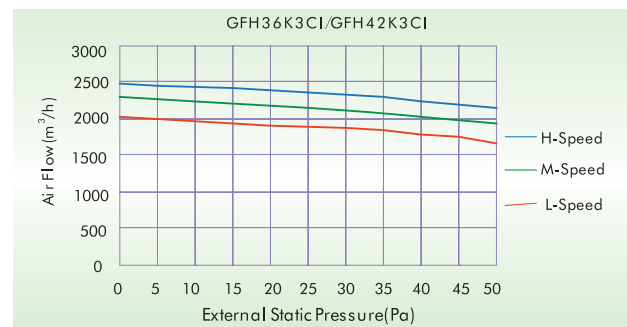
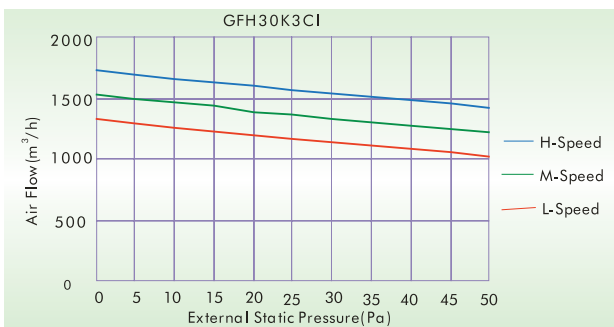
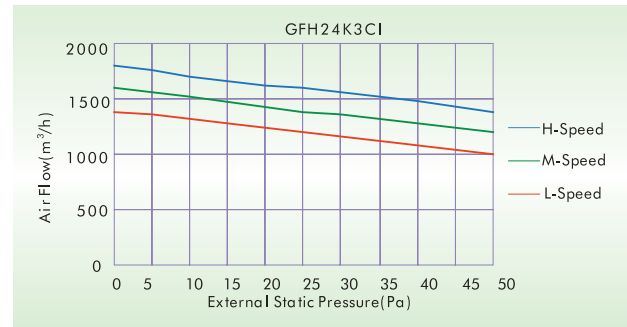
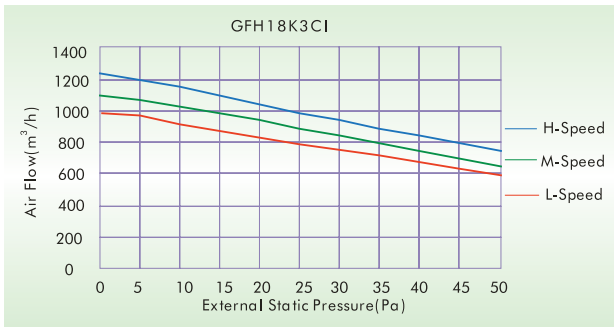
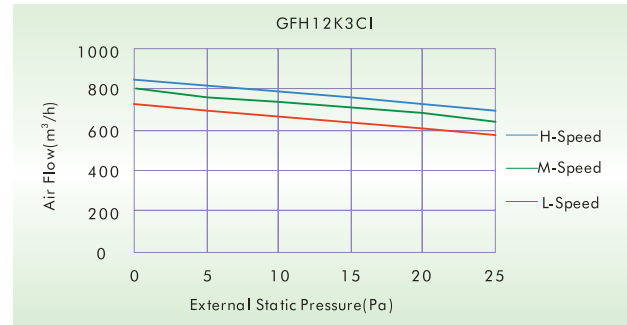
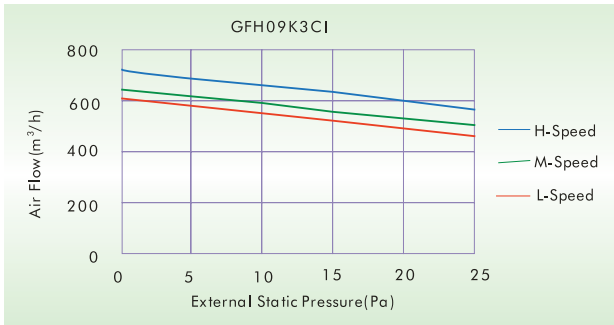
Model	Compressor			Fan Motor FLA	Fuse/ Breaker Capacity	Min. Power Supply Cord
	Power Supply	Qty.	RLA			
	V,Ph,Hz	—	A	A	A	mm ²
GUHD09NK3CO/GUHD09NK3C1O	220-240V ~ 50Hz	1	4.8	0.35	5/16	2.5
GUHD12NK3CO/GUHD12NK3C1O		1	4.8	0.35	5/16	2.5
GUHD18NK3CO/GUHD18NK3C1O		1	8.38	0.58	5/20	4.0
GUHD24NK3CO/GUHD24NK3C1O		1	9.7	0.85	5/20	4.0
GUHD30NK3CO/GUHD30NK3C1O		1	9.7	0.85	5/20	4.0
GUHD36NK3CO/GUHD36NK3C1O		1	13.5	1.1	5/25	4.0
GUHD42NK3CO/GUHD42NK3C1O		1	13.5	1.1	5/25	4.0
GUHD48NK3CO/GUHD48NK3C1O		1	—	0.58	5/32	6.0
GUHD36NM3CO/GUHD36NM3C1O	380-415V 3N~ 50Hz	1	9.3	1.1	5/16	2.5
GUHD42NM3CO/GUHD42NM3C1O		1	9.3	1.1	5/16	2.5
GUHD48NM3CO/GUHD48NM3C1O		1	—	0.58	5/16	2.5
GUHD60NM3CO/GUHD60NM3C1O		1	—	0.8	5/16	2.5

Model	Power Supply	Fan Motor FLA	Fuse/ Breaker Capacity	Min. Power Supply Cord
	V,Ph,Hz	A	A	mm ²
GFH09K3CI	220-240V ~ 50Hz	0.31	5/6	1.0
GTH09K3CI		0.1	5/6	1.0
GFH12K3CI		0.41	5/6	1.0
GTH12K3CI		0.10	5/6	1.0
GKH12K3CI		0.2	3.15/6	1.0
GFH18K3CI		0.71	5/6	1.0
GTH18K3CI		0.21	5/6	1.0
GKH18K3CI		0.35	3.15/6	1.0
GFH24K3CI		1.52	5/6	1.0
GTH24K3CI		0.51A	5/6	1.0
GKH24K3CI		0.40	3.15/6	1.0
GFH30K3CI		1.52	5/6	1.0
GTH30K3CI		0.76	5/6	1.0
GKH30K3CI		0.61	3.15/6	1.0
GFH36K3CI		5.05	5/6	1.0
GTH36K3CI		1.52	5/6	1.0
GKH36K3CI		0.61	3.15/6	1.0
GFH42K3CI		5.05	5/6	1.0
GTH42K3CI		1.52	5/6	1.0
GKH42K3CI		0.61	3.15/6	1.0
GFH48K3CI		5.05	5/6	1.0
GTH48K3CI		2.53	5/6	1.0
GFH60K3CI		3.33	5/6	1.0
GTH60K3CI		2.53	5/6	1.0

Notes:

RLA: Rated load amperes LRA: Locked rotor amperes FLA: Full load current Fuse: Located on the main board

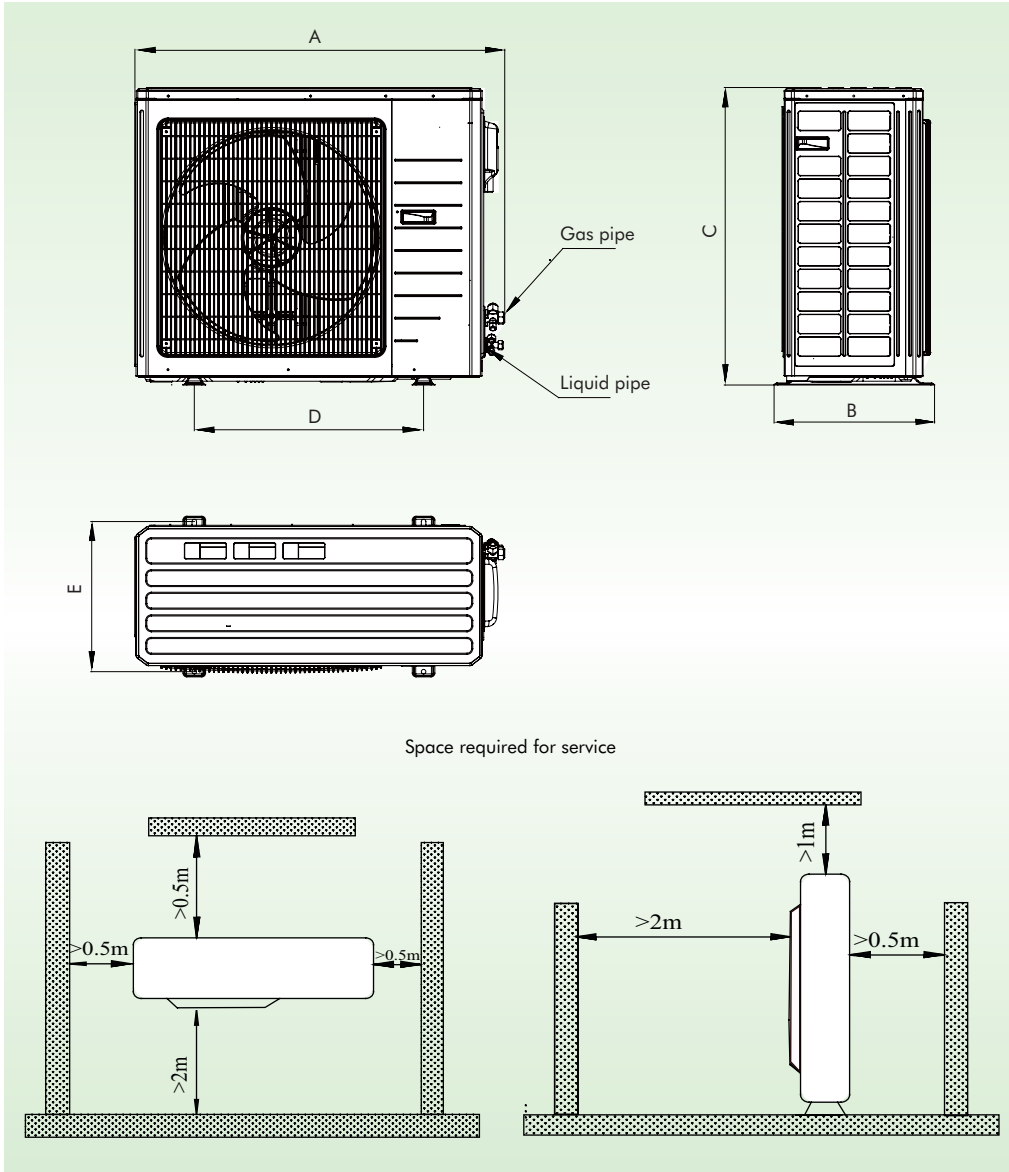
5 FAN CHARACTERISTICS



6 DIMENSION

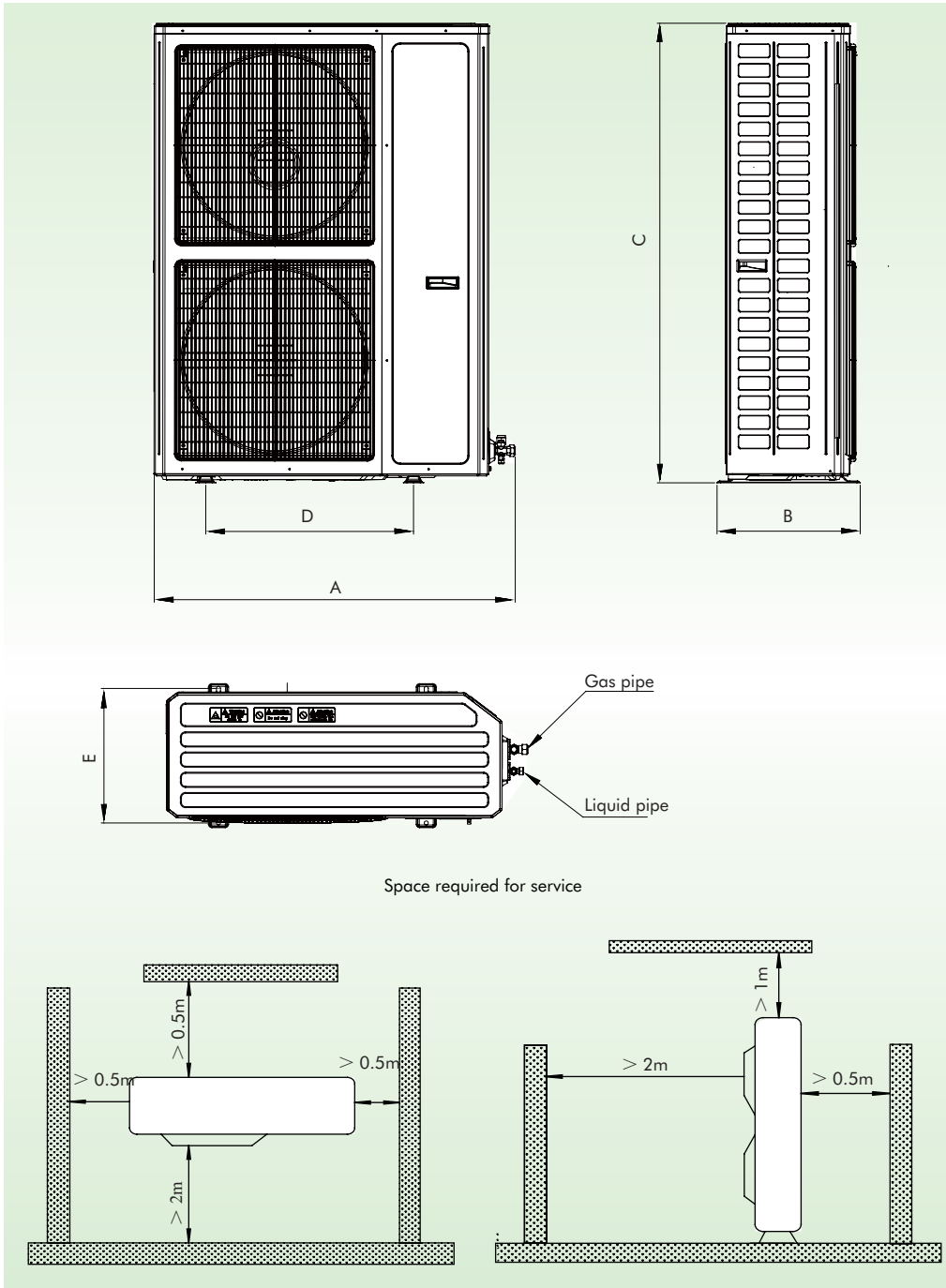
6.1 Outdoor Units

09-42(kBtu/h):



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48-60(kBtu/h):

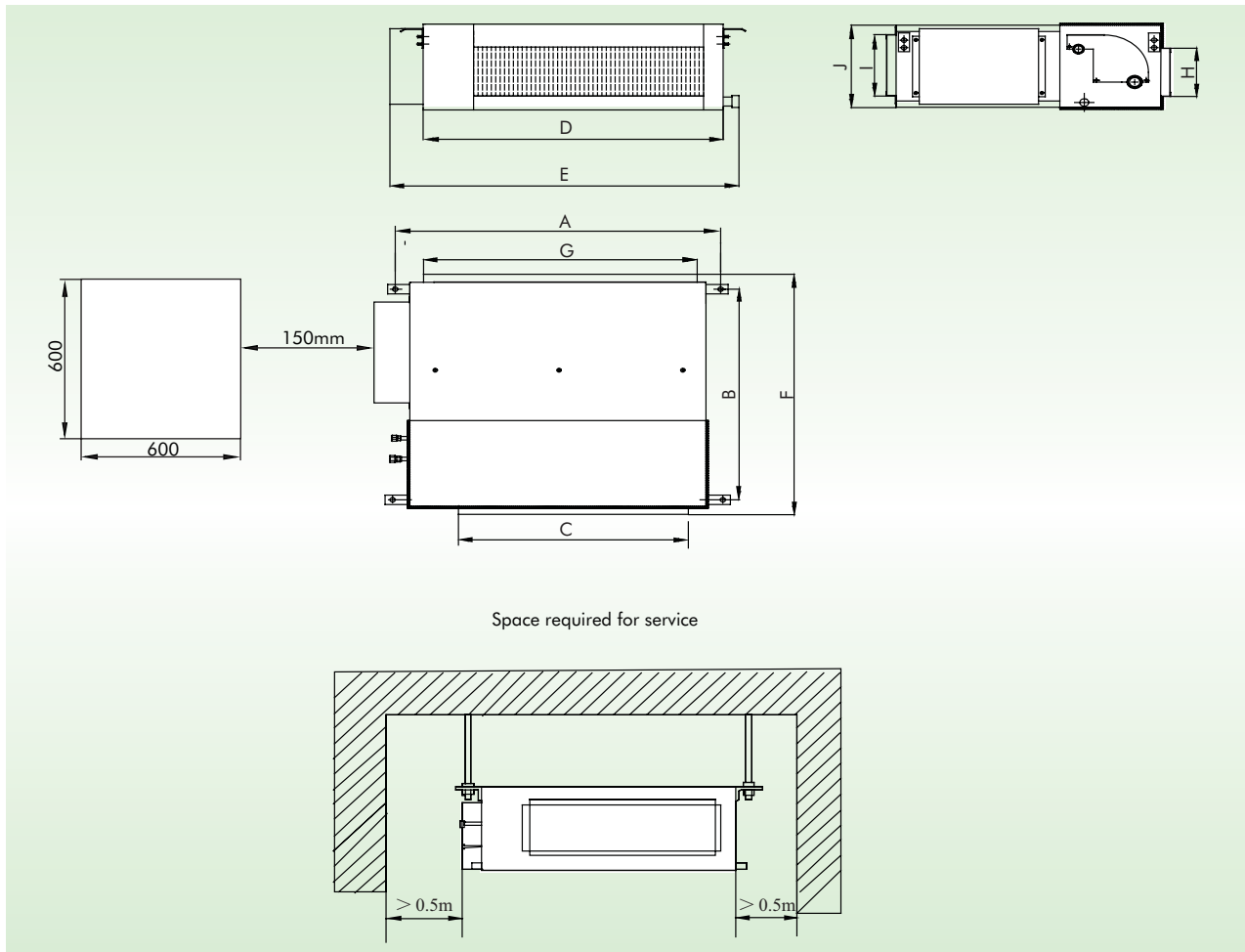


Unit:mm

Item Model	A	B	C	D	E
GUHD09NK3CO/GUHD12NK3CO	776	320	540	510	286
GUHD09NK3C1O/GUHD12NK3C1O	848	320	540	510	286
GUHD18NK3CO/GUHD18NK3C1O	955	396	700	560	360
GUHD24NK3CO/GUHD24NK3C1O GUHD30NK3CO/GUHD30NK3C1O	980	427	790	610	395
GUHD36NK3CO/GUHD36NK3C1O GUHD36NM3CO/GUHD36NM3C1O GUHD42NK3CO/GUHD42NK3C1O GUHD42NM3CO/GUHD42NM3C1O	1107	440	1100	631	400
GUHD48NK3CO/GUHD48NK3C1O GUHD48NM3CO/GUHD48NM3C1O GUHD60NM3CO/GUHD60NM3C1O	1085	427	1365	620	395

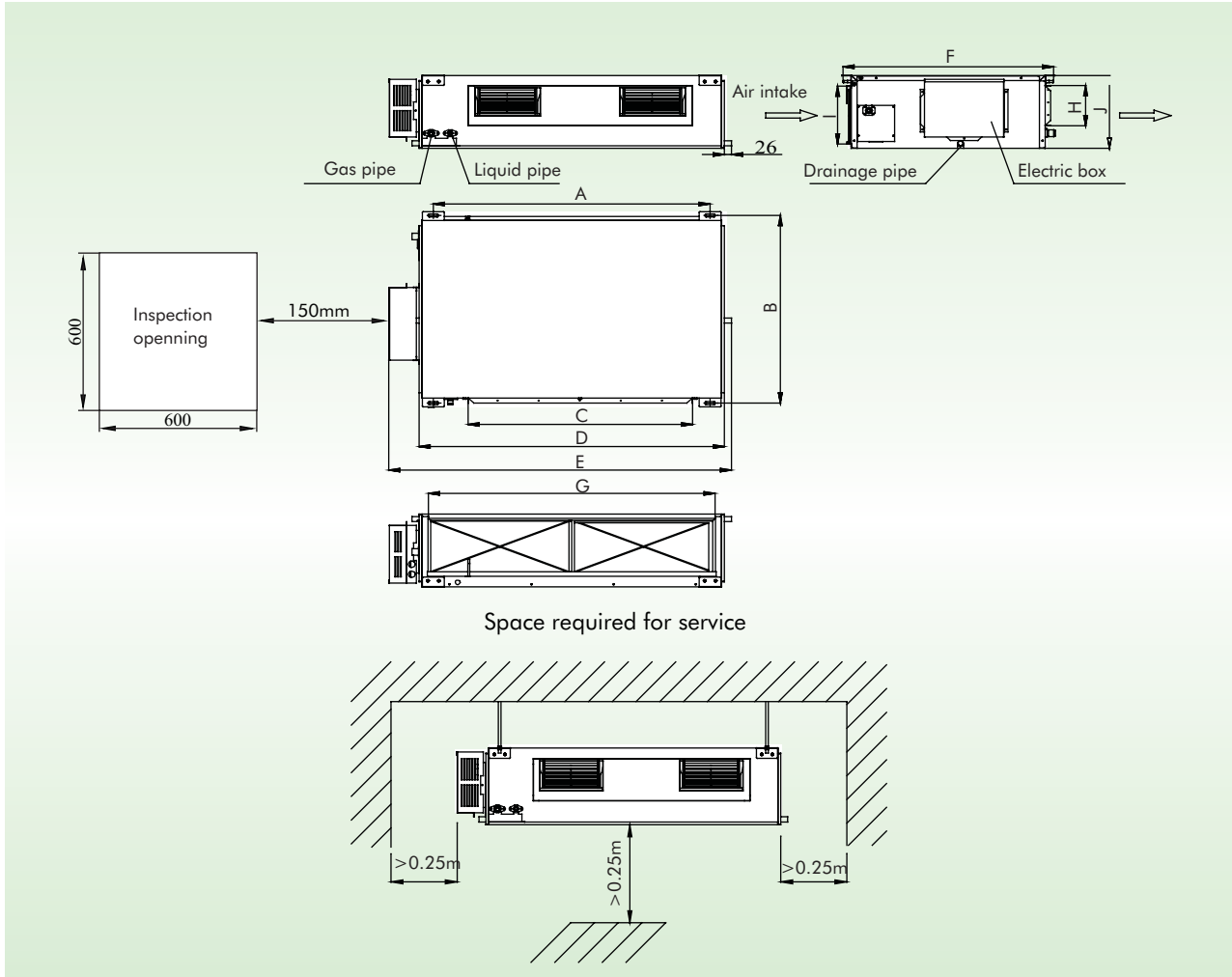
6.2 Indoor Units

Duct type (09-18kBtu/h)

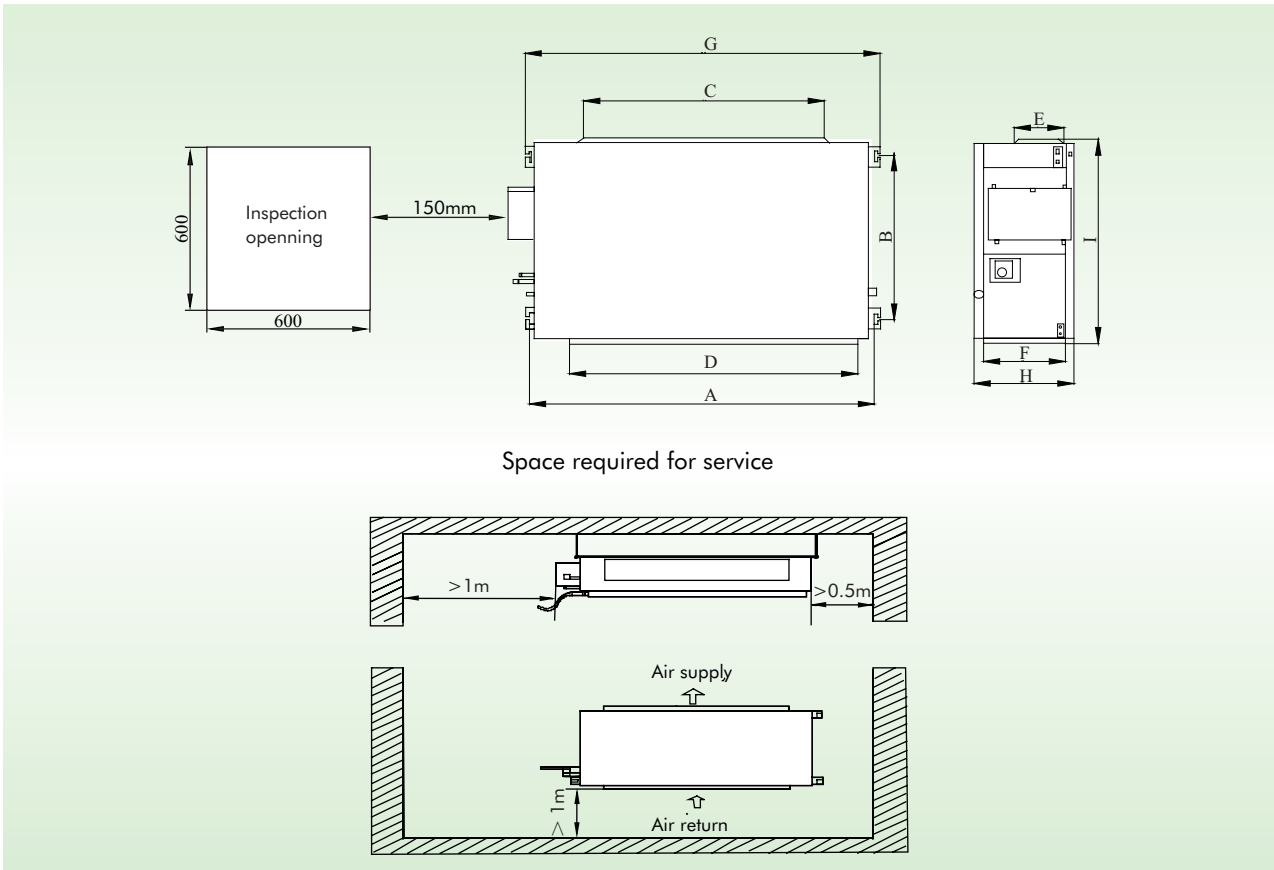


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Duct type (24-48kBTu/h)



Duct type (60kBTu/h)



Space required for service

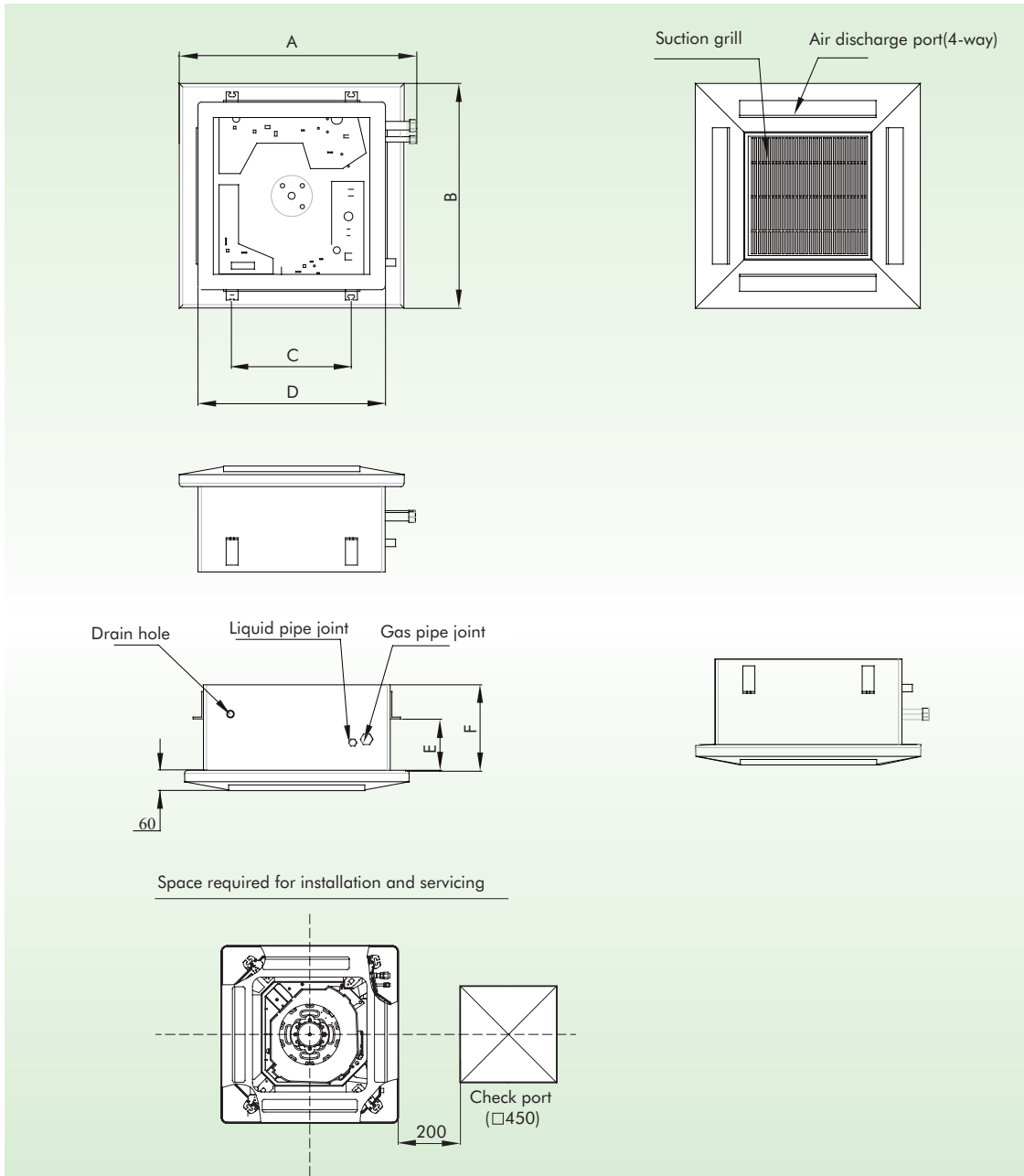
Unit:mm

Item Model	A	B	C	D	E	F	G	H	I	J
GFH09K3CI	840	561	635	790	880	665	738	125	203	250
GFH12K3CI	932	430	738	892	980	721	738	125	203	266
GFH18K3CI	932	430	738	892	980	721	738	125	203	266
GFH24K3CI	1101	515	820	1159	1270	530	1002	160	235	268
GFH30K3CI										
GFH36K3CI	1011	748	820	1115	1226	775	979	160	231	290
GFH42K3CI										
GFH48K3CI	1015	788	820	1115	1226	815	979	160	261	330
GFH60K3CI	1353	632	992	1150	192	343	1463	385	799	--

Note: there should be an angle of inclination of 5° along the drain pipe during the installation of the duct type unit so as to drain easily.

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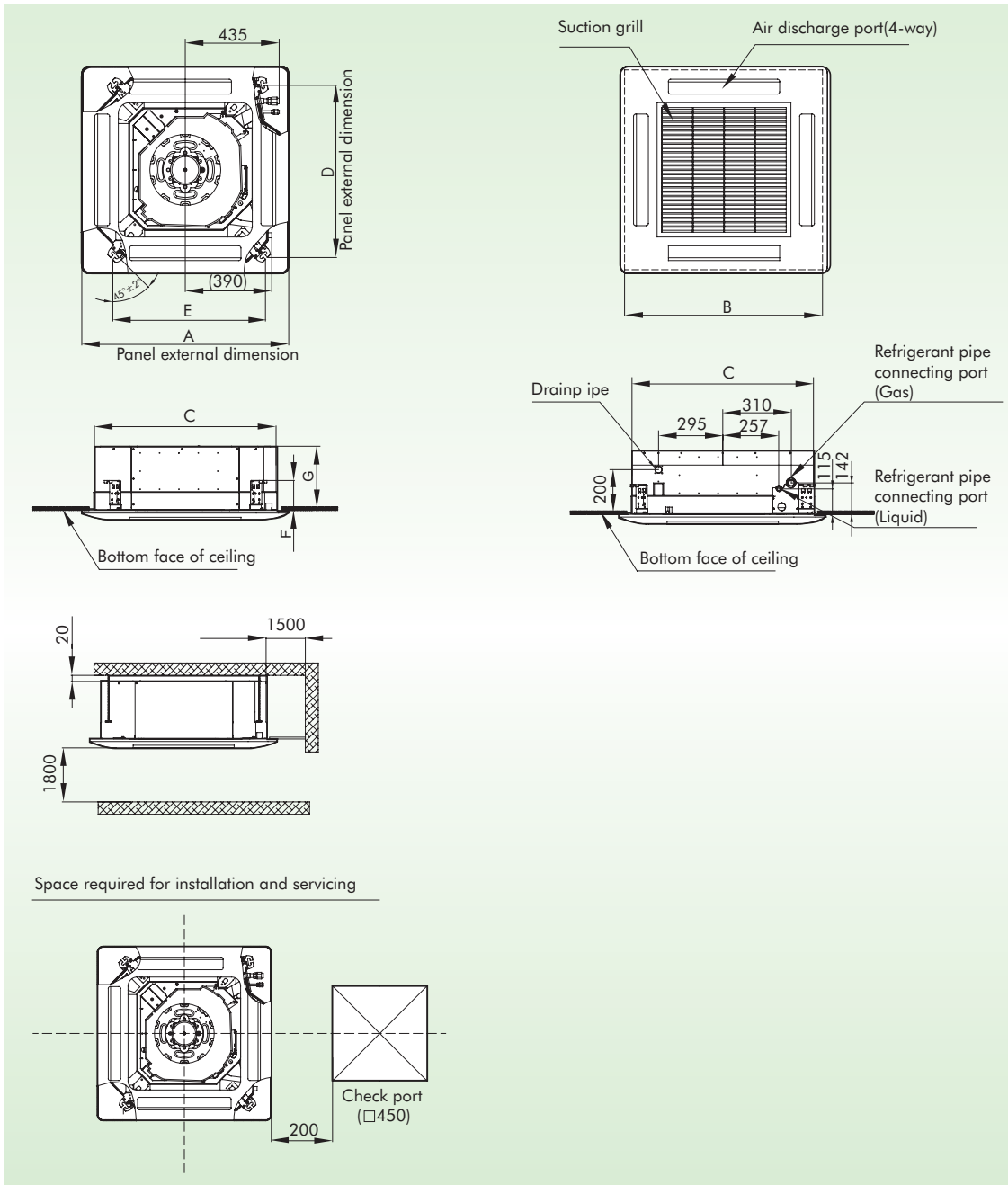
Cassette type(12kBTu/h)



Unit:mm

Item Model	A	B	C	D	E	F
GKH09K3CI	710	650	400	606	160	230

Cassette type(18-42kbtu/h)

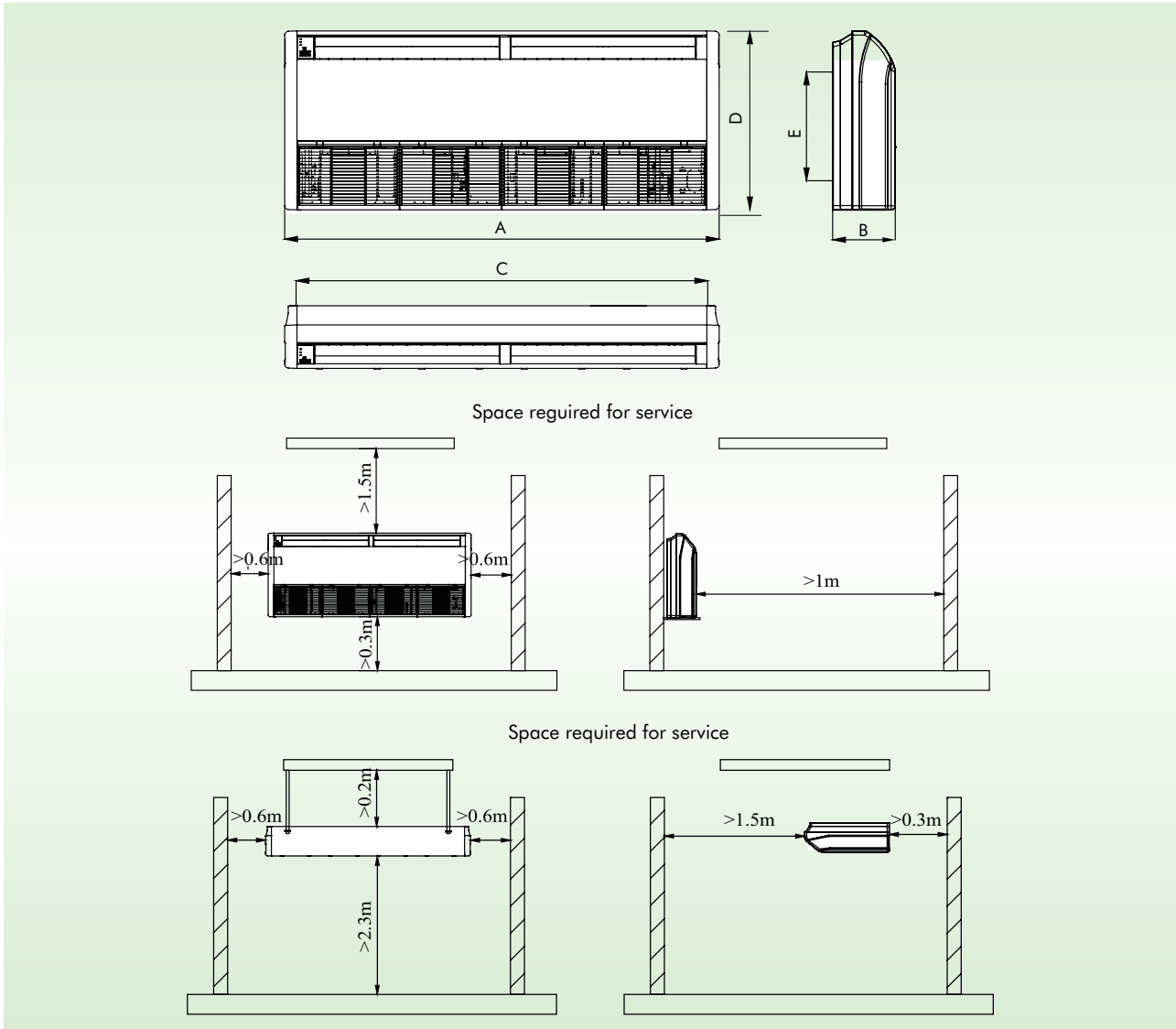


Unit:mm

Item Model	A	B	C	D	E	F	G
GKH18K3CI	950	890	840	780	680	160	240
GKH24K3CI							
GKH30K3CI							
GKH36K3CI	950	890	738	892	980	721	320
GKH42K3CI							

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Ceiling type



Unit:mm

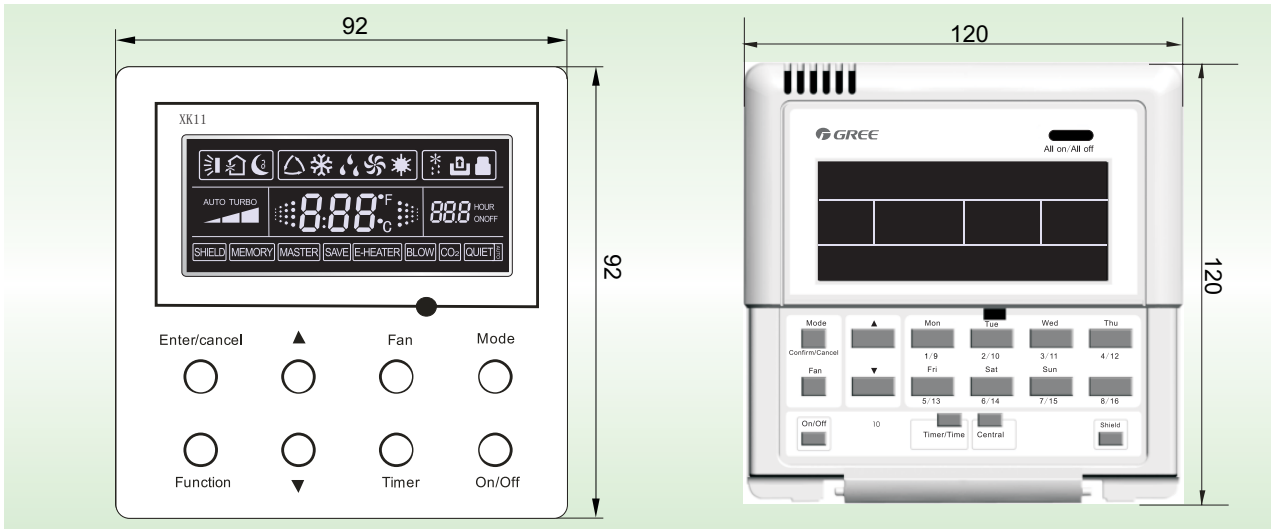
Item Model	A	B	C	D	E
GTH09K3CI GTH12K3CI GTH18K3CI GTH24K3CI	1220	225	1158	700	280
GTH30K3CI GTH36K3CI GTH42K3CI	1420	245	1354	700	280
GTH48K3CI GTH60K3CI	1700	245	1634	700	280

6.3 Dimension – Controller

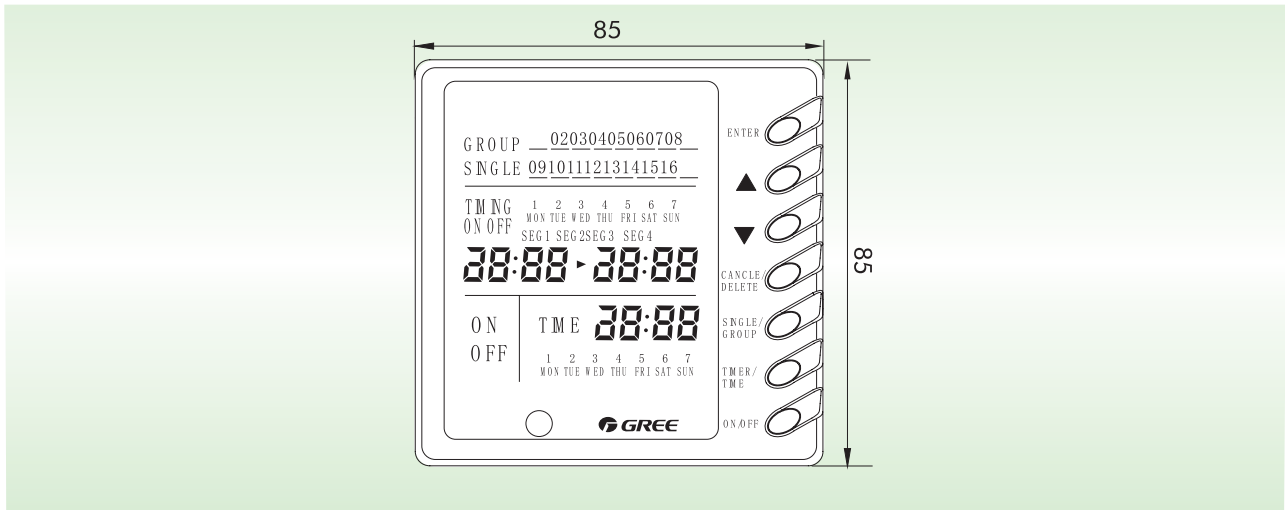
Unit:mm

Wired Controller (Standard)

Centralized Controller

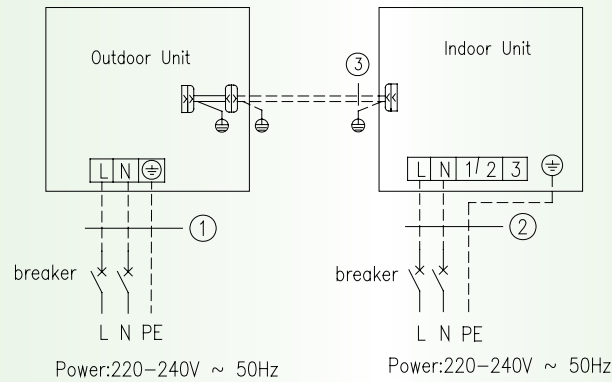


Centralized Controller(Optional)



7 WIRING DIAGRAM

7.1 Field Wiring Diagrams



GUHD09NK3CO/GUHD09NK3C1O + GFH09K3CI
 GUHD12NK3CO/GUHD12NK3C1O + GFH12K3CI

① Power cord 3×2.5 mm²(H07RN-F)
 ③ Communication Cords

② Power cord 3×1.0 mm²(H05VV-F)

GUHD36NK3CO/GUHD36NK3C1O + GFH36K3CI
 GUHD42NK3CO/GUHD42NK3C1O + GFH42K3CI

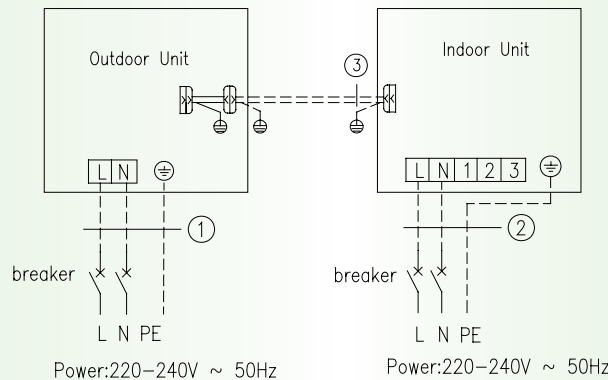
① Power cord 3×4.0 mm²(H07RN-F)
 ③ Communication Cords

② Power cord 3×1.0 mm²(H05VV-F)

GUHD48NK3CO/GUHD48NK3CO + GFH48K3CI

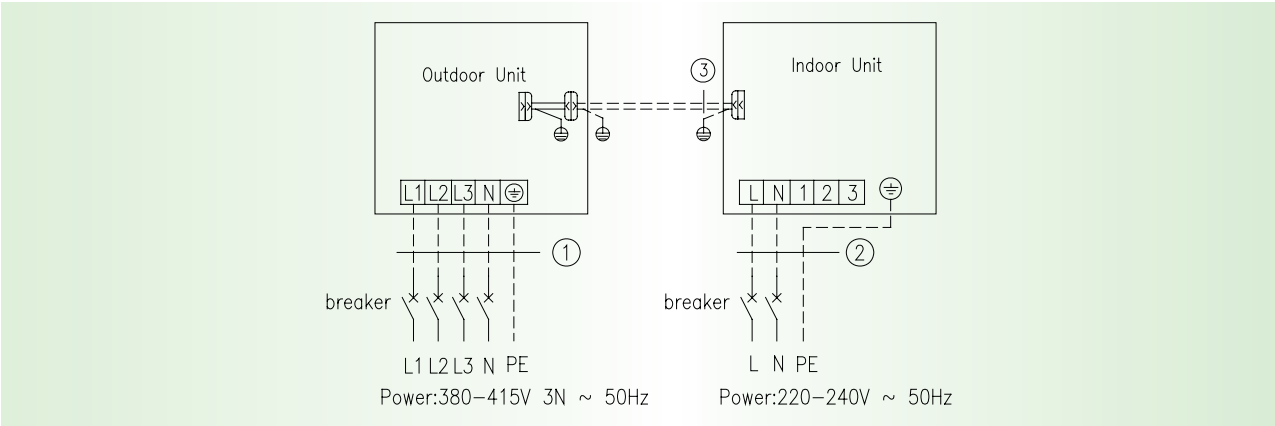
① Power cord 3×6.0 mm²(H07RN-F)
 ③ Communication Cords

② Power cord 3×1.0 mm²(H05VV-F)



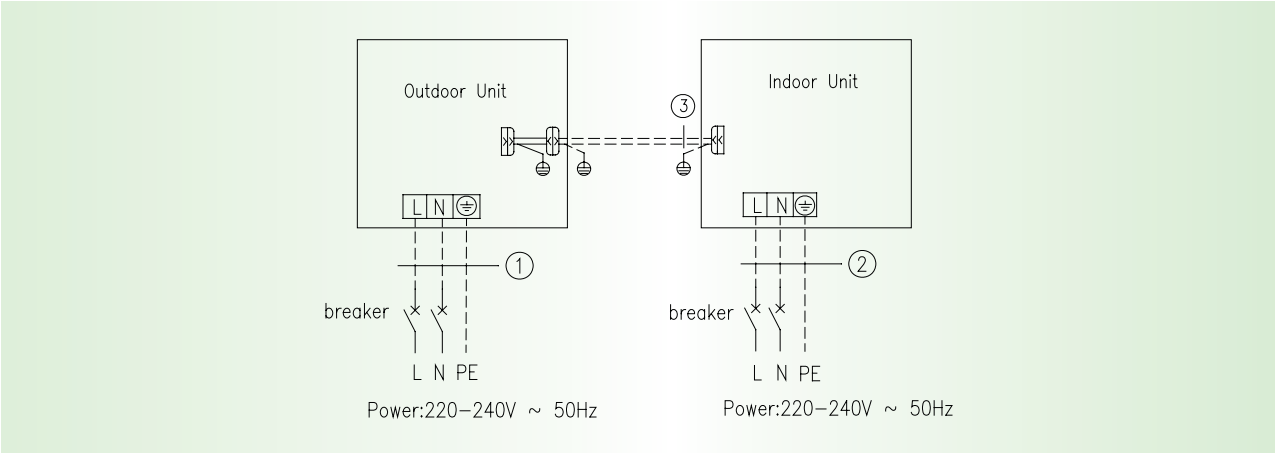
GUHD18NK3CO/GUHD18NK3C1O	+	GFH18K3CI
GUHD24NK3CO/GUHD24NK3C1O	+	GFH24K3CI
GUHD30NK3CO/GUHD30NK3C1O	+	GFH30K3CI

① Power cord 3×4.0 mm²(H07RN-F) ② Power cord 3×1.0 mm²(H05VV-F)
 ③ Communication Cords



GUHD36NM3CO/GUHD36NM3C1O	+	GFH36K3CI
GUHD42NM3CO/GUHD42NM3C1O	+	GFH42K3CI
GUHD48NM3CO/GUHD48NM3C1O	+	GFH48K3CI
GUHD60NM3CO/GUHD60NM3C1O	+	GFH60K3CI

① Power cord 5×2.5 mm²(H07RN-F) ② Power cord 3×1.0 mm² (H05VV-F)
 ③ Communication Cords



GUHD09NK3CO/GUHD09NK3C1O	+	GTH09K3CI
GUHD12NK3CO/GUHD12NK3C1O	+	GTH12K3CI

① Power cord 3×2.5 mm²(H07RN-F) ② Power cord 3×1.0 mm² (H05VV-F)
 ③ Communication Cords

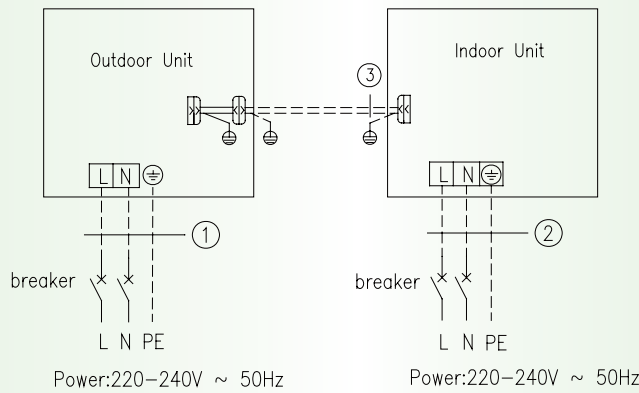
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GUHD36NK3CO/GUHD36NK3C1O + GTH36K3CI
 GUHD42NK3CO/GUHD42NK3C1O + GTH42K3CI

- ① Power cord 3×4.0 mm²(H07RN-F)
- ② Power cord 3×1.0 mm² (H05VV-F)
- ③ Communication Cords

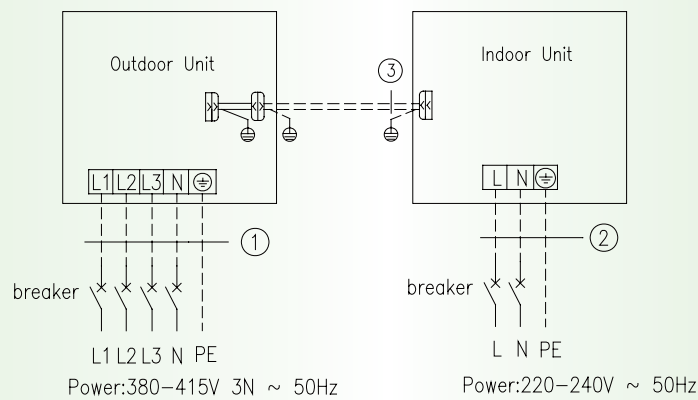
GUHD48NK3CO/GUHD48NK3C1O + GTH48K3CI

- ① Power cord 3×6.0 mm²(H07RN-F)
- ② Power cord 3×1.0 mm² (H05VV-F)
- ③ Communication Cords



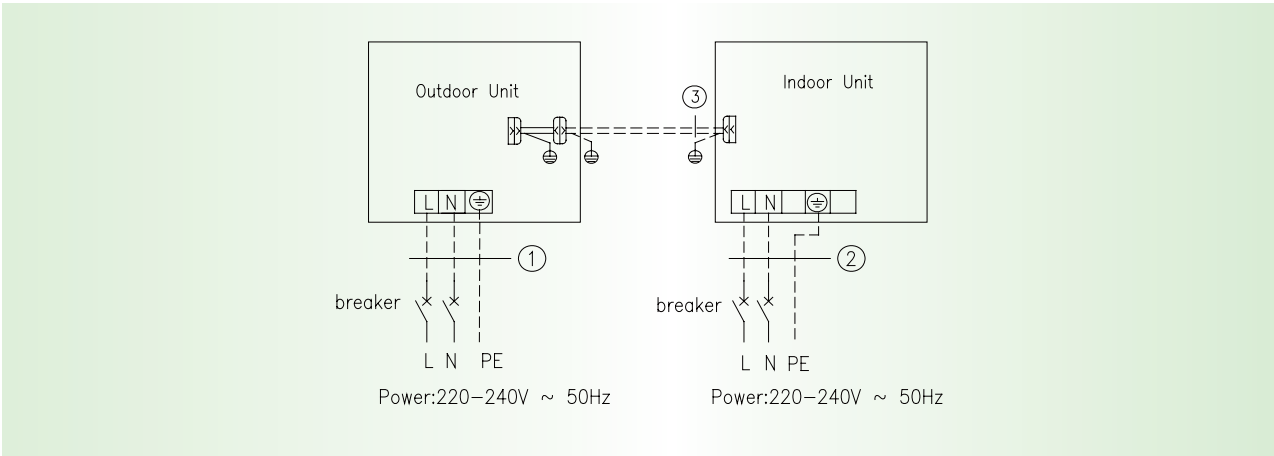
GUHD18NK3CO/GUHD18NK3C1O + GTH18K3CI
 GUHD24NK3CO/GUHD24NK3C1O + GTH24K3CI
 GUHD30NK3CO/GUHD30NK3C1O + GTH30K3CI

- ① Power cord 3×4.0 mm²(H07RN-F)
- ② Power cord 3×1.0 mm² (H05VV-F)
- ③ Communication Cords



GUHD36NM3CO/GUHD36NM3C1O	+	GTH36K3CI
GUHD42NM3CO/GUHD42NM3C1O	+	GTH42K3CI
GUHD48NM3CO/GUHD48NM3C1O	+	GTH48K3CI
GUHD60NM3CO/GUHD60NM3C1O	+	GTH60K3CI

① Power cord 5×2.5 mm² (H07RN-F) ② Power cord 3×1.0 mm² (H05VV-F)
 ③ Communication Cords

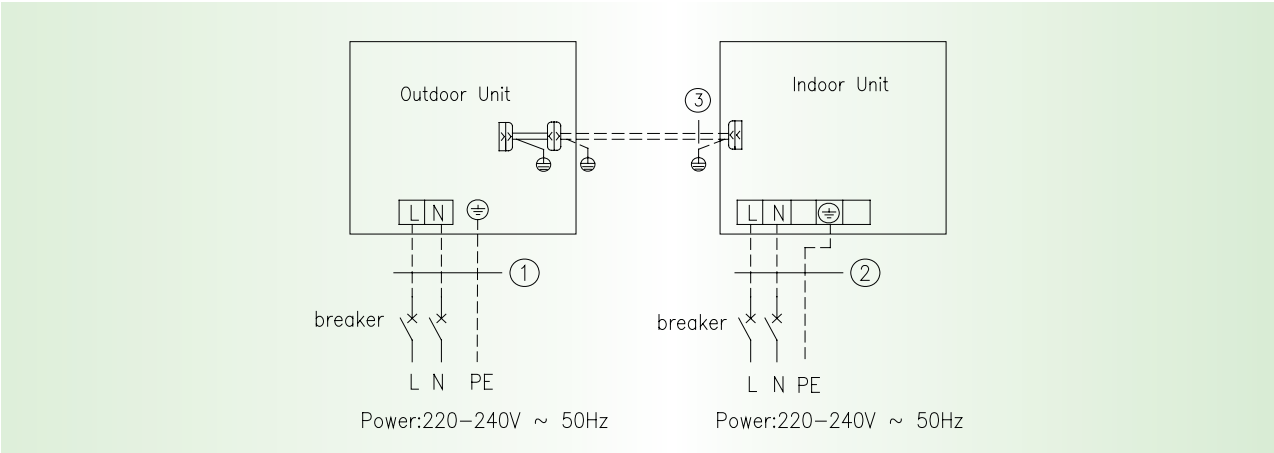


GUHD12NK3CO/GUHD12NK3C1O	+	GKH12K3CI
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① Power cord 3×2.5 mm² (H07RN-F) ② Power cord 3×1.0 mm² (H05VV-F)
 ③ Communication Cords

GUHD36NK3CO/GUHD36NK3C1O	+	GKH36K3CI
GUHD42NK3CO/GUHD42NK3C1O	+	GKH42K3CI

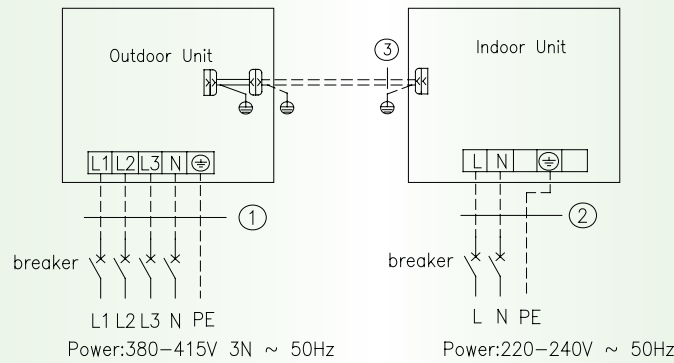
① Power cord 3×4.0mm² (H07RN-F) ② Power cord 3×1.0mm² (H05VV-F)
 ③ Communication Cords



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GUHD18NK3CO /GUHD18NK3C1O + GKH18K3CI
 GUHD24NK3CO/GUHD24NK3C1O + GKH24K3CI
 GUHD30NK3CO/GUHD30NK3C1O + GKH30K3CI

- ① Power cord 3x4.0mm² (H07RN-F) ② Power cord 3x1.0mm² (H05VV-F)
 ③ Communication Cords



GUHD36NM3CO/GUHD36NM3C1O + GKH36K3CI
 GUHD42NM3CO/GUHD42NM3C1O + GKH42K3CI

- ① Power cord 5x 2.5mm² (H07RN-F) ② Power cord 3x1.0mm² (H05VV-F)
 ③ Communication Cords

➔ 7.2 Specification of Power Supply Wire and Air Switch

Model	Power Supply	Capability of Air Switch(A)	Minimum Sectional Area of Earth Wire (mm ²)	Minimum Sectional Area of Power Wire (mm ²)
GUHD09NK3CO/GUHD09NK3C1O	220-240V ~ 50Hz	16	2.5	2.5
GUHD12NK3CO/GUHD12NK3C1O		16	2.5	2.5
GUHD18NK3CO/GUHD18NK3C1O		20	4.0	4.0
GUHD24NK3CO/GUHD24NK3C1O		20	4.0	4.0
GUHD30NK3CO/GUHD30NK3C1O		20	4.0	4.0
GUHD36NK3CO/GUHD36NK3C1O		25	4.0	4.0
GUHD42NK3CO/GUHD42NK3C1O		25	4.0	4.0
GUHD48NK3CO/GUHD48NK3C1O	380-415V 3N~ 50Hz	32	6.0	6.0
GUHD36NM3CO/GUHD36NM3C1O		16	2.5	2.5
GUHD42NM3CO/GUHD42NM3C1O		16	2.5	2.5
GUHD48NM3CO/GUHD48NM3C1O		16	2.5	2.5
GUHD60NM3CO/GUHD60NM3C1O		16	2.5	2.5

Model	Power Supply	Capability of Air Switch(A)	Minimum Sectional Area of Earth Wire (mm ²)	Minimum Sectional Area of power Wire (mm ²)
GFH09K3CI	220-240V ~ 50Hz	6	1.0	1.0
GFH12K3CI		6	1.0	1.0
GFH18K3CI		6	1.0	1.0
GFH24K3CI		6	1.0	1.0
GFH30K3CI		6	1.0	1.0
GFH36K3CI		6	1.0	1.0
GFH42K3CI		6	1.0	1.0
GFH48K3CI		6	1.0	1.0
GFH60K3CI		6	1.0	1.0

Model	Power Supply	Capability of Air Switch(A)	Minimum Sectional Area of Earth Wire (mm ²)	Minimum Sectional Area of power Wire (mm ²)
GTH09K3CI	220-240V ~ 50Hz	6	1.0	1.0
GTH12K3CI		6	1.0	1.0
GTH18K3CI		6	1.0	1.0
GTH24K3CI		6	1.0	1.0
GTH30K3CI		6	1.0	1.0
GTH36K3CI		6	1.0	1.0
GTH42K3CI		6	1.0	1.0
GTH48K3CI		6	1.0	1.0
GTH60K3CI		6	1.0	1.0

Model	Power Supply	Capability of Air Switch(A)	Minimum Sectional Area of Earth Wire (mm ²)	Minimum Sectional Area of power Wire (mm ²)
GKH12K3CI	220-240V ~ 50Hz	6	1.0	1.0
GKH18K3CI		6	1.0	1.0
GKH24K3CI		6	1.0	1.0
GKH30K3CI		6	1.0	1.0
GKH36K3CI		6	1.0	1.0
GKH42K3CI		6	1.0	1.0

Note:

1. The specifications of the breaker and power cable listed in the table above are determined based on the maximum power (maximum amps) of the unit.
2. The specifications of the power cable listed in the table above are applied to the conduit-guarded multi-wire copper cable (like, YJV copper cable, consisting of PE insulated wires and a PVC cable jacket) used at 40°C and resistible to 90°C (see GB/T 16895.15). If the working condition changes, they should be modified according to the related national standard.
3. The specifications of the breaker listed in the table above are applied to the breaker with the working temperature at 40°C. If the working condition changes, they should be modified according to the related national standard.

8 ACCESSORIES

All the ACCESSORIES are in the indoor unit.

Class Model Name	Wireless controller	wired controller	Central controller with weekly timer	Long-distance monitoring system	Communication cable	Water pump	Flexible pipe
GFH09K3CI GFH12K3CI GFH18K3CI GFH24K3CI GFH36K3CI GFH42K3CI GFH48K3CI	●	●	○	○	●	○	●
GFH30K3CI GFH60K3CI	●	●	○	○	●	—	●
GTH09K3CI GTH12K3CI GTH18K3CI GTH24K3CI GTH30K3CI GTH36K3CI GTH42K3CI GTH48K3CI GTH60K3CI	●	●	○	○	●	—	●
GKH12K3CI GKH18K3CI GKH24K3CI GKH30K3CI GKH36K3CI GKH42K3CI GKH48K3CI	●	●	○	○	●	●	●

Note: "●" is standard ; "○" is optional; "—"is unavailable .

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