



GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI

Add: West Jinji Rd, Qianshan, Zhuhai, Guangdong, China 519070
Tel: (+86-756) 852 2218 Fax: (+86-756) 866 9426
Email: gree@gree.com.cn Http://www.gree.com

HONG KONG GREE ELECTRIC APPLIANCES SALES LIMITED

Add: Unit 2612, 26/F., Miramar Tower 132 Nathan Road, TST, Kowloon, HK
Tel: (852) 3165 8898 Fax: (852) 3165 1029

Note:
Gree is committed to continuously improving its products to ensure the highest quality and reliability standards, and to meet local regulations and market requirements.

All features and specifications are subject to change without prior notice.

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GC-1710-01



Distributor informatio



GREE

2016 CAC

T1 50Hz R410A/R134A



RAC
EU
T1 R410A/R32
2017



Gree Electric Appliances Inc. of Zhuhai, founded in 1991, is the world's largest air conditioner enterprise integrating R&D, manufacturing, marketing and service.

- 2012, Gree became the first listed electrical appliances enterprise in China with sales revenue over 16 billion USD (RMB 100 billion).
- 2013, GREE's sales revenue exceeded 19 billion USD.
- 2014, sales revenue exceeded 22.9 billion USD.
- 2015, Gree entered into the world's top 500 public companies, ranking No. 385 in Forbes Global 2000 and No. 1 in household appliances industry section.

Gree has been ranked on the Fortune Magazine as one of the Top 100 Chinese listed companies for 12 consecutive years.

Thanks to 300 million user's choices, Gree products are sold widely in more than 200 countries and regions. Today Gree's annual production capacity of RAC and CAC are more than 60 million sets and 5.5 million sets respectively.

Action makes the future and innovation makes achievement. Looking forward, Gree will firmly persist in the business philosophy of passion, innovation and realization. We aim to build a century's standing air conditioning enterprise, to create a better life for human.



مكيفر غازی مكيف الهواء
 에어컨 공기 에어컨 에어컨
 空调 climatiseur
 acondicionador de aire
 ar condicionado

300,000,000 users



1 in 3 air conditioner sold worldwide is made by Gree



RAC INTERNATIONAL ACHIEVEMENT AWARD

On September 23rd 2015, GREE won the UK RAC International Achievement Award of the year with its Photovoltaic Direct-Driven Inverter Centrifugal Chiller, Which was the first RAC Award for Chinese air conditioning product. The RAC Cooling Industry Award is the most Popular and influential industrial award in UK HVAC industry, which is accredited as "Technical Vane" by European Cooling Industry.



AHRI CERTIFICATION OUTSTANDING PERFORMANCE AWARD

On April 2015, Gree was awarded the "AHRI Certificate Performance Awards" for its 100% qualification rate in AHRI tests during the past three years. Gree is the only enterprise in China that is awarded this outstanding honor.



Brand Strategy

From a small factory with annual output value less than RMB 20 million to the world's largest specialized air conditioning enterprise, Gree has grown into an international home appliances enterprise during the past 20 years. In the process of building brand image, Gree insists on advancing with the times. Directed at market demand and social reality in different period, Gree constantly infuses new concept to the brand, enabling the brand maintain fresh vitality as always. Looking back, Gree has conducted renew and upgrade on brand concept five times:



1991 Brand 1.0
Turbo Cooling

1998 Brand 2.0
Quality Takes Priority

2010 Brand 3.0
Leading in Science and Technology

2012 Brand 4.0
Undertake Responsibility

2015 Brand 5.0
Serve the World

1991

Brand 1.0: "Turbo Cooling"
—— "GREE Creates Much Sales Chance"

At the beginning of foundation, Gree particularly focused on continuous upgrading of product quality and put forward a slogan of "GREE Creates Much Sales Chance". With superior product quality and turbo cooling characteristic, Gree was favored by consumers, standing out from domestic air conditioning market.

1998

Brand 2.0: "Quality Takes Priority"
—— "Making Better Air Conditioners"

In the middle of 1990s, at the preliminary stage of brand building, Gree was committed to building an image of high quality and reliability. As a large number of products with exceptional quality were launched into the market, under the slogan of "Making Better Air Conditioners" and "Gree for High Quality", Gree gained the unanimous recognition of consumers, successfully built a high-quality brand image of "Better Air Conditioners".

2010

Brand 3.0: "Leading in Science and Technology"
—— "GREE, the Master of Core Technologies"

Based on independent technological innovation, in this phrase Gree overcame core technologies of kinds of products continually, with product function, shape and performance improved comprehensively. Under the slogan of "GREE, the Master of Core Technologies", its superior products took the leap in domestic home appliances industry, thus Gree started to go globally.

2012

Brand 4.0: "Undertake Responsibility"
—— "For the Clearer Sky and Greener Earth"

Having established specific brand foundation, Gree focused on strengthening social responsibility, further expanded quality connotation and sublimated enterprise responsibility towards country, society and human. With a grand vision of "promoting national industrial image, protecting global environment and creating comfortable living space", Gree proposed a brand slogan of "For the Clearer Sky and Greener Earth", which is quite impressive to global consumers.

2015

Brand 5.0: "Serve the World"
—— "Made in China, Loved by the World"

It has long been Gree's lofty ambition to represent "Made in China", rebuild the image of "Made in China" and promote Chinese self-developed brands go globally genuinely. Gree's target is never limited to the expansion of overseas market, but more importantly lies in leading "Made in China" going out with superior product quality and high-end technology, finally achieves brand going out, enabling Gree technology and product to serve the world. Made in China, Loved by the World!

NEW REFRIGERANT TECHNOLOGY

In 2012, Gree has successfully developed the air conditioner with R290&R32 refrigerant, and was awarded the world's first VDE certificate of "R290&R32 Air Conditioner" from VDE, a globally leading testing and certification organization in Germany.



Characteristics of Possible Next-Generation Refrigerants (for Residential and Light Commercial Air Conditioners)

		Environmental Performance		Safty		Economic Performance	
		ODP	GWP *	Flammability	Toxicity	Equipment cost	Efficiency
Refrigerants currently used in developing countries	R22(HCFC)	0.055	1,810	★	★	★	★
Refrigerants currently used in industrialized countries	R410A(HFC)	0	2090	★	★	★	★
Possible next-generation refrigerants	R1234yf(HFO)	0	4	◆	★	◆	※
	R32(HFC)	0	675	◆	★	★	★
	R744(CO2)	0	1	★	★	※	※
	R717(ammonia)	0	0	◆	※	※	★
	R290(propane)	0	3.3	※	★	★	★

GWP * is quoted from the Fourth Assessment Report of the IPCC
 Note: ※ indicates a condition not met. ◆ indicates a condition partially met. ★ indicates a condition met.
 ■ GWP of R32 Compared to Current Refrigerant (R410A) Approx. 1/3



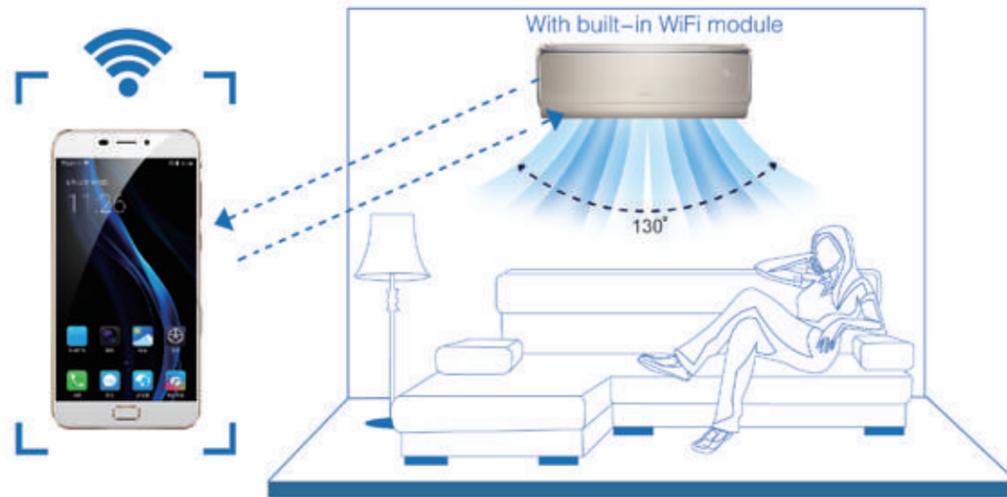


Enjoy Smart Life



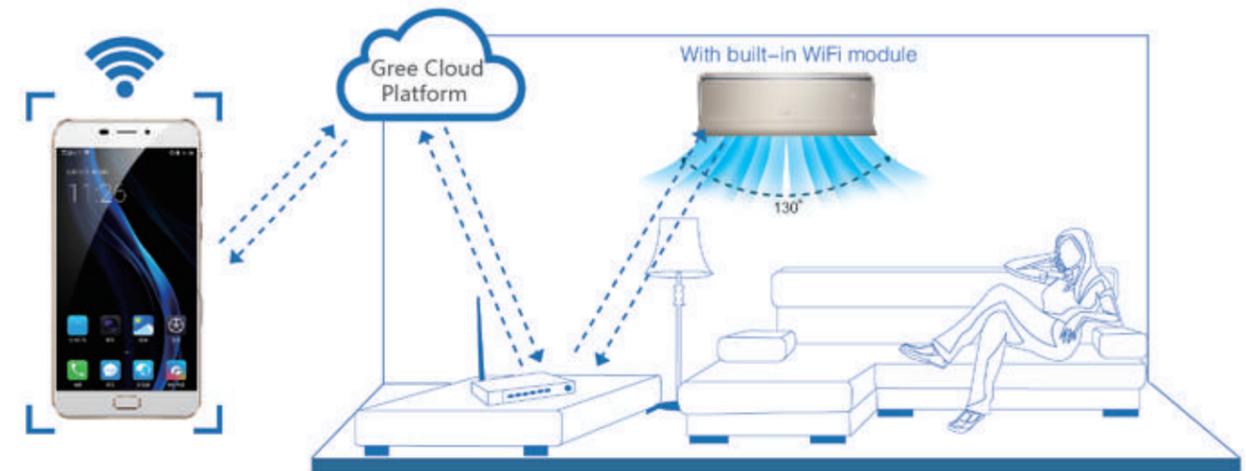
New Generation WiFi Control *

When installing Gree special APP "Smart WiFi" on Smart Terminal, and setting short distance mode or long distance mode, you can remotely control the air conditioner.



Short distance mode:

Smart Terminal can connect to the air conditioner directly for remote control, no need wireless Router, which is applicable for home short distance control.



Long distance mode:

Users bind air conditioner, wireless Router and Gree Cloud Platform together. When the Smart Terminal is connected to internet, log on Gree Cloud Platform can remotely control the air conditioner at home, which is applicable for long distance control.

Special instruction:

1. When binding on any Smart Terminal is succeeded, user can log on Gree Cloud Platform directly to control the air conditioner through any Smart Terminal installed with "G-Life".
2. In the home, user can select wireless Router as the WiFi for controlling the air conditioner.
Remark: Smart Terminal indicates smart phone, tablet PC (only for iOS and Android operation system, please refer to the application software for the support version).

How to download the application software for Smart Terminal - "G-Life":

iOS and Android system can download "G-Life" by the following three methods:



Method 1: Turn on APP Store, search "G-Life" and then download it.

Method 2: Enter Gree Cloud Platform and then click "G-Life" to download it.

Method 3: Log in <http://www.gree.com.cn/>, click "service center-customer service-download center", and then find out "G-Life" to download it.

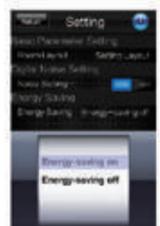
Method 4: Scan above two-dimension code and then download APP "G-Life".

You can set regional air swing, SAVE navigation, DIY sleep curve, weekly timer and other functions through APP "G-Life". The comfortable life is controlled by yourself freely.



Regional Air Swing

When setting "room layout" by smart phone, the built-in WiFi module inside the air conditioner will intelligently set the air swing region according to the customized movement region set by user, which can control the swing angle precisely for realizing the best PWV.



SAVE Navigation

The system intelligently analyse temperature and fan speed set by user, and it will automatically adjust frequency and fan speed. The system will enter SE mode under the premise that the comfort is guaranteed.



DIY Sleep Curve

It can satisfy the sleeping requirement from various users. Just touch the screen slightly and then you can DIY your sleep curve.



DIY Noise

Adjust the operation of air conditioner through setting the noise value. Just turn on "noise setting of indoor unit" mode and then you can select the noise value freely. The system will adjust the required value intelligently.



Weekly Timer

Set the weekly timer through mobile device. Air conditioner will be turned on or turned off automatically every day. From then on, you don't need to worry that you will forget to turn off the air conditioner.

High Efficiency & Energy Saving



G¹⁰ Inverter



Ultra low frequency torque control

- Constant temperature
- Energy saving



Environment-friendly R410 A refrigerant

- Low-carbon design
- High efficiency



Automatic voltage adaptation (150-250V)

- More stability
- Less damage



High-speed DSP chip

- Accurate calculation
- Efficient operation



Ultra-low noise control

- Quiet
- Comfortable



High reliability

- Excellent quality
- Superior performance



Wide frequency precise control

- Unceasing operation
- Accurate control



Computer simulation control

- Less fluctuation
- Lower noise



UHF flux-weakening control

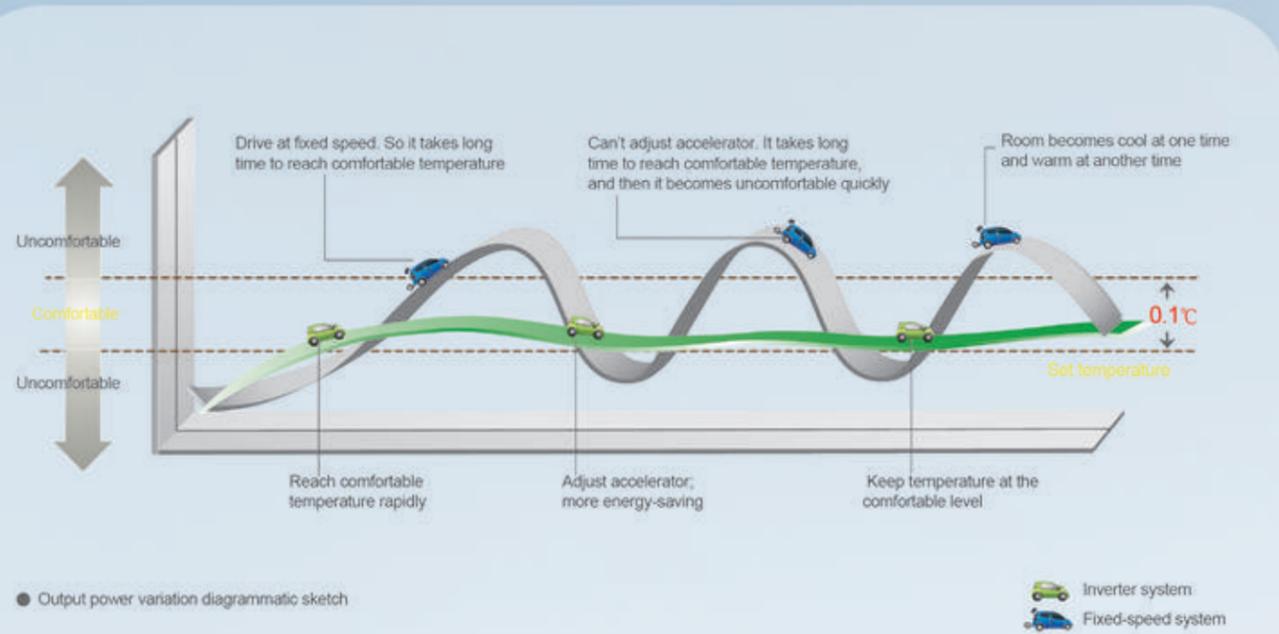
- Rapid cooling
- Rapid heating



Power factor correction technology

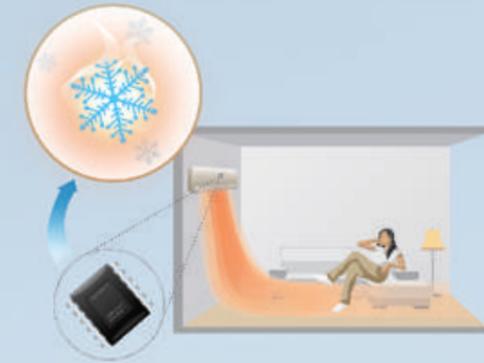
- High efficiency
- Better protection

How Inverter Saves Energy

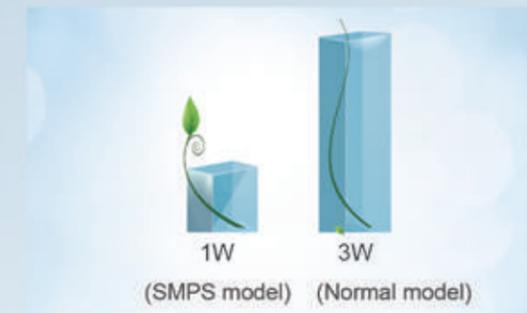


Intelligent Defrosting

Adopting advanced and unique intelligent defrosting mode, Gree WiFi intelligent defrosting proprietary technology overcomes the defrosting defect of mechanical defrosting mode. It senses frost and the amount of frost intelligently, conducts defrosting in frosty condition while no operation if frostless, which not only saves energy, but also enhances heating effect.



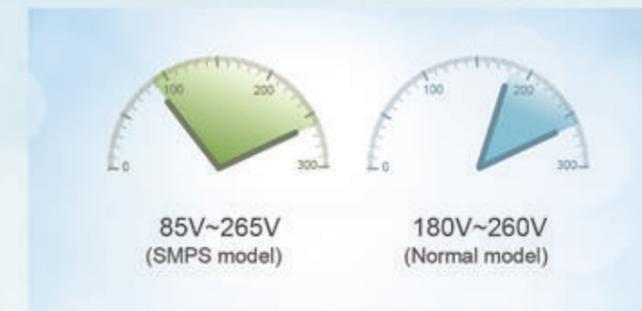
SMPS ▶

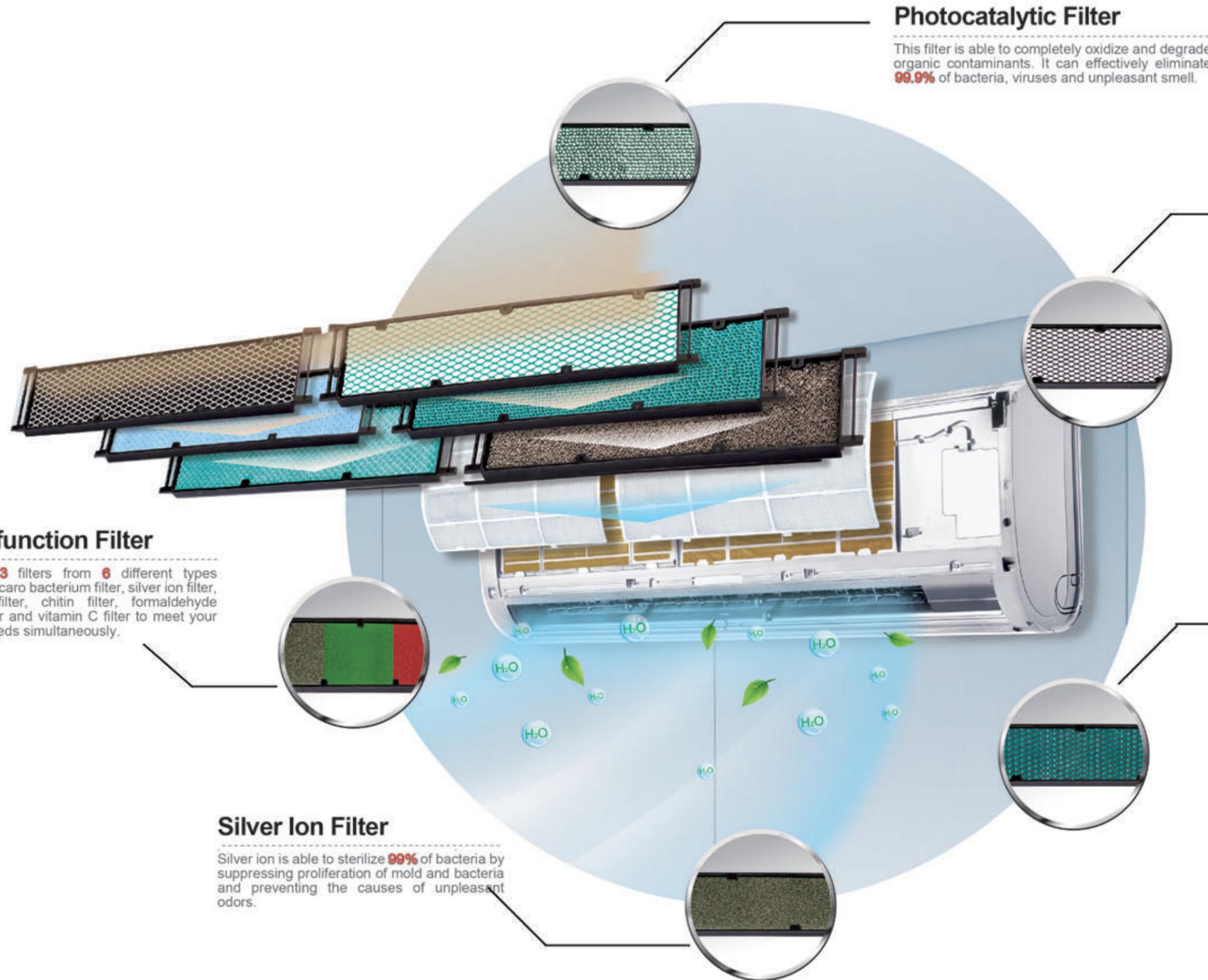


High efficient and Quiet Fan ▶



Better PCB protection between 85V-265V ▶





Photocatalytic Filter

This filter is able to completely oxidize and degrade organic contaminants. It can effectively eliminate **99.9%** of bacteria, viruses and unpleasant smell.

Active Carbon Filter

Activated carbon can effectively adsorb smoke, pet odors, and other unpleasant odors.

Multi-function Filter

Combine **3** filters from **6** different types including acaro bacterium filter, silver ion filter, catechin filter, chitin filter, formaldehyde beater filter and vitamin C filter to meet your various needs simultaneously.

Silver Ion Filter

Silver ion is able to sterilize **99%** of bacteria by suppressing proliferation of mold and bacteria and preventing the causes of unpleasant odors.

Catechin Filter

Catechin is extracted from green tea. It can effectively eliminate **95%** of carcinogenic agents, such as staphylococcus, streptococcus, salmonella, etc.

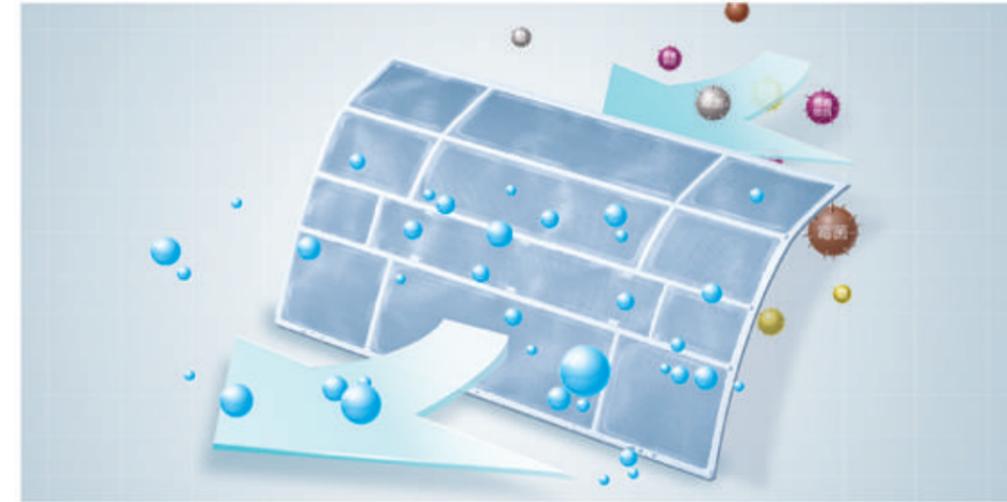
Auto Clean (X-FAN) ▶

Cross fan continues blowing to dry inside of indoor unit after switching off the unit so as to keep clean and healthy.



High density filter ▶

Higher density filter than normal filter, preventing tiny dust and pollen in air from entering into the unit efficiently, keeping you away from dust particle and enjoying healthy natural wind at any time.

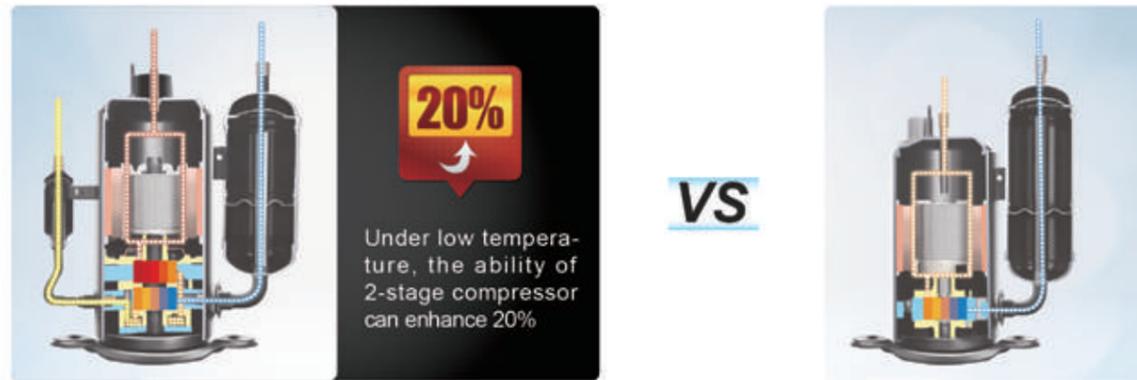


Cold Plasma ▶

Effective sterilization with more than 90% of bacteria killed
Odor removal
Air nutrition improvement with more negative oxygen ions



Two-Stage compressor ▶



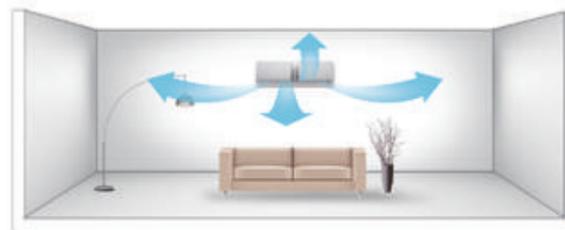
	Gree 2-stage inverter compressor	Conventional inverter compressor
Applicable temperature range	<p>Reliable operation within -30°C-54°C</p>	<p>Reliable operation within -15°C-43°C</p>
Cooling (heating) capacity	<p>Heating capacity is improved by 30%. Cooling capacity is improved by 35%</p>	<p>Without improvement. Heating capacity and Cooling capacity is not improved.</p>
Air outlet temperature	<p>The highest temperature at outlet can reach 52°C in heating mode ; The lowest temperature at air outlet is as low as 12°C in cooling mode.</p>	<p>The highest temperature at outlet can reach 40°C in heating mode ; The lowest temperature at air outlet is as low as 17°C in cooling mode.</p>

Turbo Cooling ▶



Press "Turbo" button on remote controller to enjoy a larger air flow, which enables the indoor temperature to reach the set temp in a shorter time.

4-way air outlet ▶



The louver can be vertically or horizontally adjusted so as to maximize comfort in the room.

Low Ambient Temperature ▶



8°C Heating

Maintain the room temperature steadily at 8°C and prevent the room from freezing by heating operation when nobody is at home for long in severe winter.

-15°C Cooling

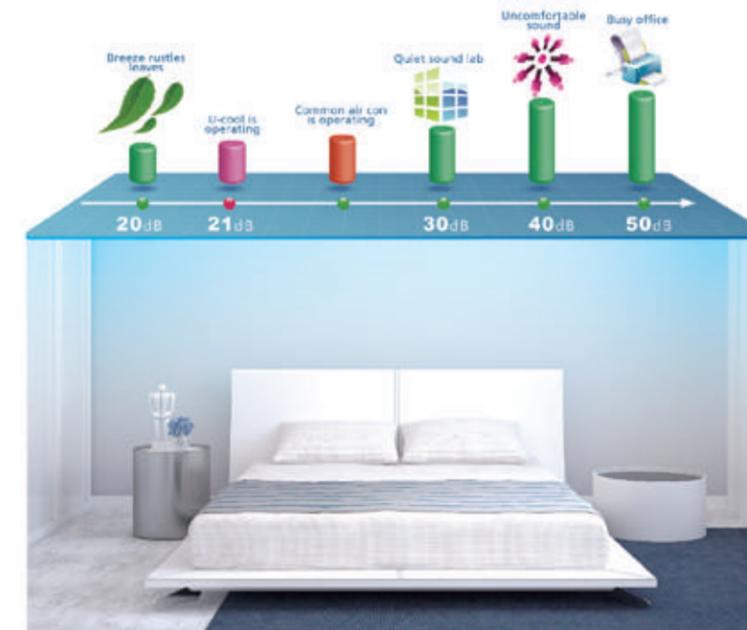
Cooling at -15°C while keep a reliable operation. As the outdoor temperature changes, the frequency of compressor and the speed of fan adjusts accordingly.

-22°C Heating

Operate finely when heating at -20°C. It is supported by GREE's electrical heating chassis, preheating technology and frequency-adjusting compressor.

Low noise ▶

Noise lowers to 18dB, making you feel like staying on the Moon.



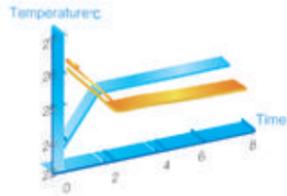
Comfort

Comfortable Sleep Mode ▶



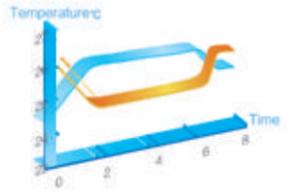
• Sound sleep mode

set temperature is close to body temperature and will adjust automatically and intelligently.



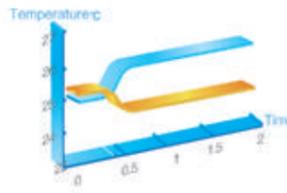
• Good sleep mode

before you get up, set temperature will decrease or increase automatically to refresh you in the morning.



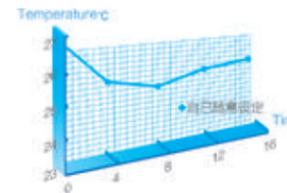
• Siesta mode

set temperature will be adjusted according to siesta characteristic, which effectively increases siesta quality.



• DIY mode

you can set temperature curve and sleep time as you like.



Reliability

Control System ▶



Cutting-edge chip for precise inverter control



High Temp Resistance PCB ▶

In the inverter outdoor unit, the PCB could work well even when temp is up to 85°C, and also metal casing is fire-proof.



Improved Base Pan Design ▶

Condensing water will flow easily and not be frozen on the base pan. It also improves heating efficiency during low temp operation.



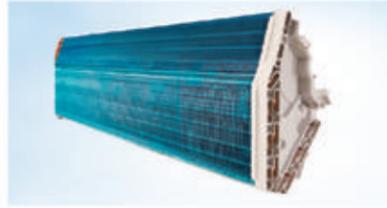
Golden /Blue Fin for High anti-corrosive ▶

It can improve the heating efficiency by accelerating the defrosting process, and also be resistant to the salty air, rain, and other corrosive elements.



Integrated Evaporator ▶

Compact design minimizes IDU size but enhances heat exchange greatly.



Integrated Design ▶

Integrated rear base and water tray design avoid water leakage and reduce noise.



Fire-proof electric box ▶

Electric box sealed by metal casing could prevent fire in case of short-circuit.



145V Low Voltage Start Up ▶

The unit could operate from 170V to 265V, which is suitable for unstable power supply areas.



Dual Side Installation ▶

Left or right side water outlet, easy for installation.



Auto Restart ▶

When the power is off and then on, the unit automatically restores the previous function setting.



Self-diagnosis ▶

Once abnormal operation or parts failure happen, the unit will shut off automatically to protect the system. Meanwhile it will indicate protection or error code for fast service.



Fluorine leakage protection ▶

When fluorine is insufficient and the valve is blocked, indoor unit of air conditioner will display F0 malfunction and stop operation. This function effectively protects the whole unit and safeguard the compressor against any damages occurred due to high temperature result in fluorine leakage.



- | | | | | | | | |
|---|--|--|--|--|---|---|---|
| FAN
Choose fan speed | MODE
Change operation mode: Auto, Cool, Dry, Fan, and Heat | -
Decrease set temperature; hold the button for 2 seconds to decrease set temperature rapidly. | +
Raise set temperature; hold the button for 2 seconds to raise set temperature rapidly. | TURBO
For rapid cooling or heating | SWING
Press this button to set horizontal swing angle | ANGLE
Set vertical swing angle | CLOCK
Set present time or display timer |
| TIMER OFF
For turning off timer | TEMP
Show set indoor/outdoor temperature | PLASMA
Start the ventilation system or generate cold plasma | IFEEL
Operation of the unit will be adjusted according to temperature sensed by remote to maximize your comfort. | SLEEP
Air conditioner will run according to the preset sleep temperature curve | QUIET
Choose auto quiet mode. | LIGHT
Turn on/off the light on the unit | WiFi
WiFi control realize short-distance and long-distance operation. |

Products Overview

Wall-mounted Type		Capacity(Btu/h)	7000	9000	11000	12000	16000	18000	21000	24000	28000	Page	
U-Crown		DC Inverter		●		●		●				027	
Hansol		DC Inverter, R410A		●		●		●		●		030	
Amber		DC Inverter, R32		●		●		●		●		033	
Viola		DC Inverter, R410A		●		●		●		●		036	
Lomo		DC Inverter, R410A/R32		●		●		●		●		039	
new Bora		DC Inverter, R32	●	●		●		●		●	●	042	
Floor Standing		Capacity(Btu/h)	24000		48000		60000					Page	
I-Crown I		DC Inverter, R410A		●								045	
I-Crown II		DC Inverter, R410A		●								048	
Fresh wind		On-Off, R410A					●			●		051	
Portable Type		Capacity(Btu/h)	7000	8000	9000	10000	12000						Page
Shiny		R410A, R32, R290	●	●	●	●	●					054	
Koobe		R410A	●	●								057	
Cutee		R410A			●							059	
Laffis		R410A						●		●		061	
Window Type		Capacity(Btu/h)	9000			12000							Page
Coolani		R32		●				●				063	
Recreational Vehicle AC		Capacity(Btu/h)	8500			12000							Page
new Shark		R32		●				●				066	

Dehumidifier		Dehumidifying Volume(L/D)	10	12	16	20	24	30	40	Page						
Petal			●	●						069						
Daisy						●			●	072						
Granduer					●	●		●		075						
Fancy				●	●					078						
Precise						●	●			080						
Air purifier		Airflow Volume(m³/h)	320							Page						
Air purifier								●		082						
Light Commercial		Capacity(Btu/h)	9000	12000	14000	18000	21000	24000	28000	30000	36000	42000	48000	56000	60000	Page
Console			●	●		●										085
Free Match 4					●	●	●	●	●		●	●				087
Super Free Match												●	●	●		094
U-match			●	●		●		●		●	●	●	●		●	101

Function	Series	U-Crown	Hansol	Amber	Viola	Lomo	Bora
Automatic Operation		○	○	○	○	○	○
Cooling		○	○	○	○	○	○
Heating		○	○	○	○	○	○
Dehumidify		○	○	○	○	○	○
Fan		○	○	○	○	○	○
Wifi Function		○	●	●	●	●	
0.5W standby			○	○	○	○	○
1W standby						○	○
Gold Fin		●	●			●	●
G10		○	○	○	○	○	○
1Hz Inverter		○					
Energy Saving		○	○	○	○	○	○
Sleep Mode		○	○	○	○	○	○
4 Sleep curves		○					
3 Sleep Curve			○				
3D Auto Swing (Vertical & Horizontal Auto Swing)		○	○	●		●	
Up&down swing		○	○	○	○	○	○
Left&right swing		○	○	●		●	
Fixed-angle swing		○	○	○	○	○	○
7 fan speeds		○	○				
4 fan speeds				○	○	○	○
Turbo cooling & heating		○	○	○	○	○	○
Quiet		○	○				
I Feel		○	○	●	○	○	●
Human-body induction				●			
Intelligent Preheating		○	○	○	○	○	○
Intelligent Defrosting		○	○	○	○	○	○
8 °C Heating Mode		○	○	○	○	○	○
Cold Plasma		●	●	●	●	●	●
High-Voltage Electrostatic Dedust			●				
PM 2.5 filter		●					
Dry Anti-Mildew Design		○	○	○	○	○	○
Catechin filter		●	●	●	●	●	●
Activated carbon		●	●	●	●	●	●

Features: ○ Standard ● Optional

Function	Series	U-Crown	Hansol	Amber	Viola	Lomo	Bora
Biological sterilization electrostatic filter		●	●	●	●	●	●
Nanoscale photocatalyst deodorization filter		●	●	●	●	●	●
Cold catalyst		●	●	●	●	●	●
Photocatalyst		●	●	●	●	●	●
DL catalyst ozone filter		●	●	●	●	●	●
Electrostatic filter		●	●	●	●	●	●
Silver iron filter		●	●	●	●	●	●
Mite and bacteria filter		●	●	●	●	●	●
Tricolor filter (Vitamin C, etc)		●	●	●	●	●	●
Auto Clean		○	○	○	○	○	○
Timer		○	○	○	○	○	○
Random auto restart				○		○	
Soft Start		○	○	○	○	○	○
Self Diagnosis		○	○	○	○	○	○
Freon-lacking protection		○	○	○	○	○	○
Low and High voltage Protection		○	○	○	○	○	○
Compressor Electric Heater Function		○	○	○	○	○	○
Chassis Electric Heater Function		○	○	○	○	○	○
-15 °C low ambient cooling		○	○	○	○	○	○
-15 °C low ambient Heating			○	○	○	○	○
-20 °C low ambient Heating			●	●	●	●	●
-30 °C low ambient Heating		○	●	●			
2-Stage compressor		○	●	●			
Temperature		○	○	○	○	○	○
Auto Restart		○	○	○	○	○	○
Lock		○	○	○	○	○	○
LED		○	○	○	○	○	○
Mono&Multi Compatible		○	○	○	○	○	○
Wire controller optional			●	●			
Ultra-thin design		○					
Double sided drainage		○	○	○	○	○	○

Features: ○ Standard ● Optional



Wall-mounted type

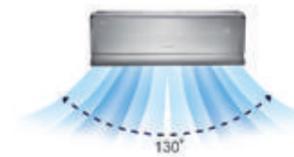
2017 CATALOGUE
AIR CONDITIONERS



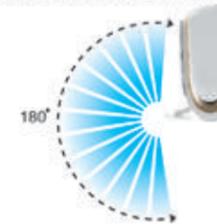
Supply air from wide angle

With new swing motor system for the air guide, up-down and left-right air supply is available, which enable users enjoy equal comfort from different orientation.

Supply air from left-right wide angle

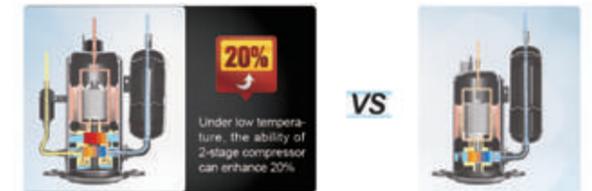


Supply air from up-down wide angle



3. Energy-saving two-stage compressor

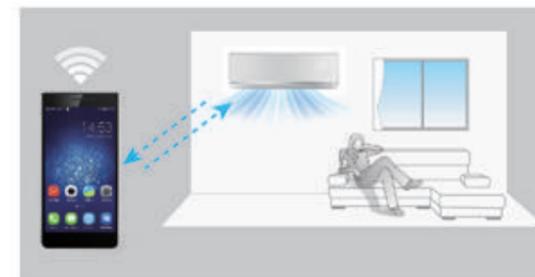
Super performance at the temperature from -30°C to 54°C.



	One 2-stage inverter compressor	Conventional inverter compressor
Applicable temperature range	-30°C ~ 54°C Reliable operation within -30°C~54°C	-15°C ~ 43°C Reliable operation within -15°C~43°C
Cooling (heating) capacity	Heating capacity is improved by 30%, Cooling capacity is improved by 35%	Without improvement Without improvement
Air outlet temperature	12°C The highest temperature at outlet can reach 52°C in heating mode. The lowest temperature at air outlet is as low as 12°C in cooling mode.	17°C The highest temperature at outlet can reach 40°C in heating mode. The lowest temperature at air outlet is as low as 17°C in cooling mode.

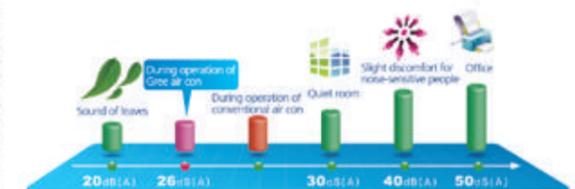
Smart WiFi

Even though you are not in the room, you can remotely control the air conditioner via mobile phone, tablet computer or other mobile devices.



Super low noise

The noise is lower to 26dB (A)



U-Crown

G¹⁰ Inverter

Wifi Control	130° Swing Angle Left-right	180° Swing Angle Up-down	-18°C Cooling	-30°C Heating	54°C Cooling	LED Remote Control	Dehumidifying	Light Function	R410A
Intelligent Preheating	3D Airflow	I Feel	Auto Restart	Quiet Design	7 Fan Speeds	4 Sleep curves	Auto Clean	Lock	LED Display
Mono&Multi Compatible	8°C Heating	Timer							

Features: Standard Optional

R410A

Model			GWH09UB-K3DNA4F	GWH12UB-K3DNA4F	GWH18UC-K3DNA4F
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	8871(1300~13600)	12000(1331~15813)	18000(3071~19619)
	Heating	Btu/h	10236(1900~16400)	12300(1911~18425)	18000(2559~24737)
Pdesignh(A)/Pdesignh(W)/Pdesignh(C)		Btu/h	9200/9600/9200	10200/10900/10200	17742/18083/21154
SEER/SCOP(A)/SCOP(W)/SCOP(C)		WW	7.5/4.6/5.1/3.8	7.0/4.6/5.1/3.8	6.1/4.0/4.0/3.1
Energy ClassCool/Heat(A)/Heat(W)/Heat(C)			A++/A++/A+++/A	A++/A++/A+++/A	A++/A+/A+/B
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	600(95~1500)	920(95~1550)	1600(200~2050)
	Heating	W	800(100~16300)	970(100~1680)	1420(200~2400)
Rated Current	Cooling	A	6.5	6.8	9.1
	Heating	A	6.8	7.1	10.6
Airflow Volume		Indoor m³/h(SH/H/MH/M/ML/L/SL)	650/530/470/400/350/300/290	720/550/490/420/370/320/290	850/750/650/600/500/400/340
Indoor Unit					
Sound Power Level		Indoor dB(A)(SH/H/MH/M/ML/L/SL)	56/50/48/46/43/35/32	57/51/49/47/44/36/33	58/54/52/48/45/37/34
Outline Dimension		WxD	860×305×170	860×305×170	960×320×205
Package Dimension		WxD	935×388×295	935×388×295	1043×403×333
Net Weight/Gross Weight		Indoor kg	11.5/14	11.5/14	14/17
Outdoor Unit					
Sound Power Level		Outdoor dB(A)	59	60	62
Piping Connection	Gas	mm	φ12	φ12	φ12
	Liquid	mm	φ6	φ6	φ6
Outline Dimension		WxD	899×596×378	899×596×378	955×700×396
Package Dimension		LxHxW	948×645×420	948×645×420	1029×750×458
Net Weight/Gross Weight		Outdoor kg	44.5/47.5	44.5/47.5	51/55.5
Loading Quantity	40'GP	sets	165	165	123
	40'HQ	sets	191	191	141

1. The product with * is under development, and the parameters are estimated, please refer to the value on nameplates.
2. Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.



Hansol

Timer	Light Function	R410A	Auto Clean	Lock	LED Display	LED Remote Control	Dehumidifying	130° Swing Angle Left-right	180° Swing Angle Up-down
Intelligent Preheating	3D Airflow	I Feel	Auto Restart	Quiet Design	7 Fan Speeds	4 Sleep curves	-15°C Cooling	-30°C Heating	54°C Cooling
Mono&Multi Compatible	8°C Heating								

Features: Standard Optional

Wall-mounted type

2017 CATALOGUE
AIR CONDITIONERS



High efficiency A+++

PM2.5 has been the main contamination in the air. Gree Crown series air conditioner can remove dust and PM2.5 efficiently and provide you with a clean and comfortable living environment.



4-way air outlet

The louver can be vertically or horizontally adjusted so as to maximize comfort in the room.



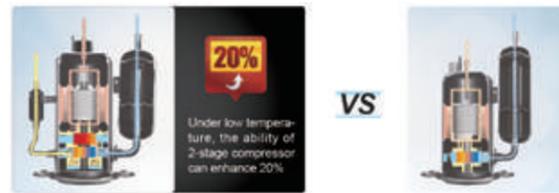
7 kinds of fan speed modes

Press "Speed" button to select 7 kinds of fan speed at your will, quiet/low/middle-low/middle/middle-high/high/turbo, comfortable and pleasant with individual setting.



Energy-saving two-stage compressor

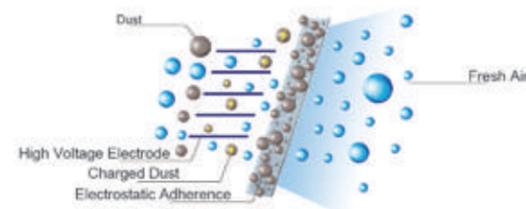
Surper performance at the temperature from -30°C to 54°C.



	Gree 2-stage inverter compressor	Conventional inverter compressor
Applicable temperature range	-30°C ~ 54°C	-15°C ~ 43°C
Cooling (heating) capacity	Reliable operation within -30°C~54°C Heating capacity is improved by 20%. Cooling capacity is improved by 35%.	Reliable operation within -15°C~43°C Without improvement Without improvement
Air outlet temperature	The highest temperature at outlet can reach 52°C in heating mode. The lowest temperature at air outlet is as low as 12°C in cooling mode.	The highest temperature at outlet can reach 42°C in heating mode. The lowest temperature at air outlet is as low as 17°C in cooling mode.

Electrostatic dedusting generator

Even though you are not in the room, you can remotely control the air conditioner via mobile phone, tablet computer or other mobile devices.



Model			GWH09TA-S3DNA1D	GWH09TB-S3DNA1D	GWH12TB-S3DNA1D	GWH18TC-S3DNA1D	GWH24TD-S3DNA1D
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling(pdc)	Btu/h	8500(2000-10900)	8900(2050-10900)	12000(2047-13648)	18084(3412-21496)	24000(6800-29400)
	Heating	Btu/h	10900(2050-13600)	10200(2050-13600)	13600(2047-17060)	18425(3412-23202)	24000(6500-30700)
Pdesignh(A)/Pdesignh(W)/Pdesignh(C)	Btu/h		9213/9213/13648	9600/9600/13600	12000/12000/17100	18420/18420/18420	24000/24000/24000
SEER/SCOP(A)/SCOP(C)/SCOP(W)/SCOP(C)	W/W		7.6/4.7/5.6/3.7	8.5/5.1/6.1/4.0	8.0/4.7/5.6/3.7	6.4/4.0/5.1/3.2	6.2/4.0/5.1/2.9
Energy Class Cool/Heat(A)/Heat(W)/SCOP(C)			A++/A++/A++/A	A++/A++/A++/A+	A++/A++/A++/A	A++/A++/A++/B	A++/A++/A++/B
Power Supply	Ph,V,Hz		1Ph,220-240V,50Hz	1Ph,220-240V,50/60Hz	1Ph,220-240V,50/60Hz	1Ph,220-240V,50/60Hz	1Ph,220-240V,50/60Hz
Power Input	Cooling	W	600(120-1300)	600(120-1300)	900(120-1400)	1514(400-2450)	2000(450-3200)
	Heating	W	800	650	1000(120-1700)	1450(400-2500)	1960(380-3200)
Rated Current	Cooling	A	6.7	4.9	6.5	10.9	14.2
	Heating	A	7.7	7.1	8	11.1	14.2
Airflow Volume	Indoor	m³/h(SH/HH/ML/LS)	550/490/420/370/330/290/230	650/600/550/500/450/400/350	750/650/560/520/470/420/350	950/870/790/710/630/560/480	1200/1130/1060/990/920/850/780
Indoor Unit							
Sound Power Level	Indoor	dB(A)SH/HH/ML/LS)	56/50/46/44/42/40/38	55/48/46/44/42/40/38	55/48/46/44/42/40/38	60/56/54/52/50/48/46	65/62/58/56/54/52/49
Outline Dimension	WxHxD	mm	816X292X209	866X292X209	866X292X209	1018X319X230	1178x326x264
Package Dimension	WxHxD	mm	888X297X377	945X297X377	945X297X377	1097X340X397	1256 x414x364
Net Weight/Gross Weight	Indoor	kg	10.5/12.5	11.0/13	11.0/13	14/17	17/21
Outdoor Unit							
Sound Power Level	Outdoor	dB(A)	62	63	63	65	68
Piping Connection	Gas	mm	φ9.52	φ9.52	φ12	φ16	φ16
	Liquid	mm	φ6	φ6	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	848X540X320	899X596X378	899X596X378	955X700X396	980 x790x427
Package Dimension	WxHxD	mm	881X595X363	948X645X420	948X645X420	1029X750X458	1083 x488x855
Net Weight/Gross Weight	Outdoor	kg	35/37.5	41/44	43/46	47.5/52	65/70
Loading Quantity	40'GP	sets	188	166	166	119	84
	40'HQ	sets	218	186	186	135	104

For North Europe



Model			GWH09TB-S3DNA30*	GWH12TB-S3DBA3E*	GWH18TC-S3DBA3E*	GWH24TD-S3DBA3E*
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling(pdc)	Btu/h	8900(2050-10900)	12000(3900-13600)	18000(3412-21496)	24000(6800-29300)
	Heating	Btu/h	10200(2050-13600)	12500(6800-18100)	18600(3412-23200)	24000(6500-30700)
Pdesignh(A)/Pdesignh(W)/Pdesignh(C)	Btu/h		9600/9600/13600	12000/12600/17400	18420/18420/18420	24000/24000/24000
SEER/SCOP(A)/SCOP(W)/SCOP(C)	W/W		8.5/5.1/6.1/4.0	7.8/4.6/5.6/3.2	6.5/4.4/6/3.3	6.2/4.0/4.6/3.3
Energy Class Cool/Heat(A)/Heat(W)/SCOP(C)			A++/A++/A++/A+	A++/A++/A++/B	A++/A++/A++/B	A++/A++/A++/B
Power Supply	Ph,V,Hz		1Ph,220-240V,50Hz	1Ph,220-240V,50Hz/60Hz	1Ph,220-240V,50/60Hz	1Ph,220-240V,50/60Hz
Power Input	Cooling	W	600(120-1100)	890(215-1300)	1510(300-2450)	2000(450-3700)
	Heating	W	650(120-1600)	900(390-1900)	1465(300-2500)	1890(380-3700)
Rated Current	Cooling	A	4.9	6.0	10.9	16.4
	Heating	A	7.1	8.5	11.1	16.4
Airflow Volume	Indoor	m³/h(SH/HH/ML/LS)	650/600/550/500/450/400/350	740/670/610/530/460/410/380	950/870/790/710/630/560/480	1200/1130/1060/990/920/850/780
Indoor Unit						
Sound Power Level	Indoor	dB(A)SH/HH/ML/LS)	55/48/46/44/42/40/38	58/50/48/46/42/38/35	60/58/56/54/52/50/48	65/62/58/56/54/52/49
Outline Dimension	WxHxD	mm	866X292X209	866x292x209	1018X319X230	1178-326-249
Package Dimension	WxHxD	mm	945X297X377	943X301X375	1097X340X397	1256 x414x364
Net Weight/Gross Weight	Indoor	kg	11/13	11/13	14/17	17/21
Outdoor Unit						
Sound Power Level	Outdoor	dB(A)	63	62	65	68
Piping Connection	Gas	mm	φ9.52	φ12	φ12	φ16
	Liquid	mm	φ6	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	899X596X378	899x596x378	955X700X396	980 x790x427
Package Dimension	WxHxD	mm	948X645X420	948X645X420	1029X750X458	1083x855x488
Net Weight/Gross Weight	Outdoor	kg	41/44	43.5/46.5	51/55.5	65/70
Loading Quantity	40'GP	sets	166	164	119	84
	40'HQ	sets	186	188	135	104

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Wall-mounted type

2017 CATALOGUE
AIR CONDITIONERS



I feel

The mini sensor in the remote controller can sense its surrounding temperature, and transmit the signal back to the indoor unit. So the unit can adjust the air flow volume and temperature accordingly so as to provide maximum comfort.



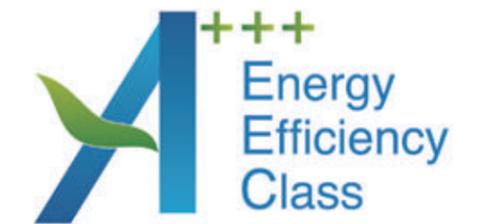
Remote with I Feel



Remote without I Feel

High efficiency A+++

PM2.5 has been the main contamination in the air. Gree Crown series air conditioner can remove dust and PM2.5 efficiently and provide you with a clean and comfortable living environment.



4-way air outlet

The louver can be vertically or horizontally adjusted so as to maximize comfort in the room.



R32 Eco-friendly refrigerant

No damage to ozone layer; Higher heating exchange efficiency



Amber

Intelligent Auto Restart	Comfortable Sleep Curves	Cold Air Prevention	LED Display	Timer	Intelligent Defrosting	Auto Clean	Turbo Button	Self-diagnosis	Dehumidifying	Auto Restart
3D Airflow	Mono&Multi Compatible	-15°C Cooling	Quiet Design	I Feel	Energy Saving	8°C Heating	-22°C Heating	Cold Plasma	Wifi Control	Healthy Filters
-18°C Cooling	-30°C Heating	54°C Cooling								

Features: Standard Optional



Model	GWH09YC-K6DNA1A		GWH12YC-K6DNA1A		GWH18YD-K6DNA1A		GWH24YE-K6DNA1A	
Function	Cooling/Heating		Cooling/Heating		Cooling/Heating		Cooling/Heating	
Capacity	Cooling	Btu/h	9200(3070.8-12965.6)	12000(3400-13000)	18084 (4299-22519)	24000 (3700-30900)		
	Heating	Btu/h	10000(2388-15013)	13000(4100-15010)	19005 (3821-23202)	24500 (5800-34600)		
Pdesign(A)/Pdesignw/Pdesign(C)	KW		2.8/3.2/4	3.2/3.2/4.8	4.5/4.6/6.4	6.4/7.1/6.4		
SEER/SCOP(A)/YS/SCOP(W)/YS/SCOP(C)	W/W		8.5/4.6/5.4/3.8	8.5/4.4/5.1/3.5	7.60/4.1/5.2/3.4	7.00/4/5.2/3.4		
Energy Class Cool/Heat(A)/Heat(W)/Heat(C)	A+++/A++/A+++/A		A+++/A++/A+++/A	A+++/A++/A+++/A	A++/A+/A+++/A	A++/A+/A+++/A		
Power Supply	Ph, V, Hz		1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz		
Power Input	Cooling	W	585	950	1550	2000		
	Heating	W	650	975	1428	1845		
Rated Current	Cooling	A	6.4	6.4	10.9	16.4		
	Heating	A	7.8	7.6	11.5	16.9		
Airflow Volume	Indoor	m³/h(SHHML)	660/590/540/490/450/420/390	680/590/540/490/450/420/390	850/750/680/610/560/520/480	1250/1100/1000/950/900/850/750		
Indoor Unit								
Sound Power Level	Indoor	dB(A)(SHHML)	41/39/37/35/33/31/24	58/53/52/50/48/46/40	49/45/43/41/39/37/34	65/61/59/56/54/52/50		
Outline Dimension	WxHxD	mm	865*290*210	865*290*210	996*301*225	1101*327*249		
Package Dimension	WxHxD	mm	931*281*379	931*281*379	1060*380*322	1167*405*354		
Net Weight/Gross Weight	Indoor	kg	10.5/12.5	11/13	13.5/16.5	16.5/20		
Outdoor Unit								
Sound Power Level	Outdoor	dB(A)	52	62	57	70		
Piping Connection	Gas	mm	φ9.52	φ9.52	φ12	φ16		
	Liquid	mm	φ6	φ6	φ6	φ6		
Outline Dimension	WxHxD	mm	848*596*320	848*596*320	955*700*396	955*700*396		
Package Dimension	WxHxD	mm	881*363*645	881*363*645	1029*458*750	1029*458*750		
Net Weight/Gross Weight	Outdoor	kg	33.5/36.5	33.5/36.5	45/49.5	53/57.5		
Loading Quantity	40'GP	sets	198	198	125	114		
	40'HQ	sets	229	229	145	131		

For North Europe



Model	GWH09YD-S6DBA2A *		GWH12YD-S6DBA2A *		GWH18YE-S6DBA2A *		GWH24YE-S6DBA2A *	
Function	Cooling/Heating		Cooling/Heating		Cooling/Heating		Cooling/Heating	
Capacity	Cooling	Btu/h	9000	12000	18084	24000		
	Heating	Btu/h	9000	13000	19000	24000		
EER/COP	W/W		4.4/4.4	3.5/3.5/4.8	4.02/4.22	7000(btu/h)		
SEER/SCOP(A)/YS/SCOP(W)/YS/SCOP(C)	W/W		8.5/5.1	8.5/5.1(A)/5.1(W)/3.4(C)	6.6/4.4/5.1/3.4	6.5/4.1/5.3/3.5		
Energy Class Cool/Heat(A)/Heat(W)/Heat(C)	A+++/A+++		A+++/A+++	A+++/A+++	A++/A+/A+++/A	A++/A+/A+++/A		
Power Supply	Ph, V, Hz		1Ph 220-240V~, 50/60Hz	1Ph 220-240V~, 50/60Hz	1Ph 220-240V~, 50/60Hz	1Ph 220-240V~, 50/60Hz		
Power Input	Cooling	W	600	900	1320	1850		
	Heating	W	600	950	1320	1750		
Rated Current	Cooling	A	3.95	4.2	13	16.4		
	Heating	A	3.89	4.4	18	16.4		
Airflow Volume	Indoor	m³/h(SHHML)	720	850	1200/1150/1050/950/850/780/600	1200		
Indoor Unit								
Sound Power Level	Indoor	dB(A)(SHHML)	43/39/37/35/33/31/24	48/44/41/39/37/31/24	48/45/43/40/37/35/33	64/60/57/55/53/51/49		
Outline Dimension	WxHxD	mm	996*301*225	996*301*225	1101*327*249	1101*327*249		
Package Dimension	WxHxD	mm	1060*380*322	1060*380*322	1167*405*354	1167*405*354		
Net Weight/Gross Weight	Indoor	kg	13.5/16.5	13.5/16.5	16.5/20	16.5/20		
Outdoor Unit								
Sound Power Level	Outdoor	dB(A)	53	56	56	68		
Piping Connection	Gas	mm	φ9.52 / 3/8"	9.52 / 3/8"	16/ (5/8")	16/ (5/8")		
	Liquid	mm	φ6 / 1/4"	6 / 1/4"	6/ (1/4")	6/ (1/4")		
Outline Dimension	WxHxD	mm	899*596*378	899*596*378	980*790*427	980*790*427		
Package Dimension	WxHxD	mm	948*420*645	948*420*645	1083*855*488	1083*855*488		
Net Weight/Gross Weight	Outdoor	kg	45/48	45/48	62.5/67.5	65/70		
Loading Quantity	40'GP	sets	156	156	86	86		
	40'HQ	sets	180	180	108	108		

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Viola



Features: ○ Standard ● Optional

Wall-mounted type

2017 CATALOGUE
AIR CONDITIONERS



Colorful curve design

A beautiful smile is attached on colorful panel, shining your life everyday.



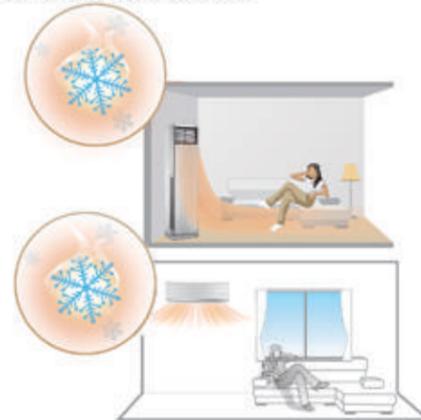
8°C heating;

Maintain the room temperature steadily at 8°C and prevent the room from freezing by heating operation when nobody is at home for long in severe winter.



Intelligent defrosting

Adopting advanced and unique intelligent defrosting mode, Gree WiFi intelligent defrosting proprietary technology overcomes the defrosting defect of mechanical defrosting mode. It senses frost and the amount of frost intelligently, conducts defrosting in frosty condition while no operation if frostless, which not only saves energy, but also enhances heating effect.



Hidden display

Hidden temperature display on a classy high gloss surface.



Model			GWH09RB-K3DNA3G	GWH12RB-K3DNA3G	GWH18RC-K3DNA3G	GWH24RD-K3DNA3G
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	8900(2050~10916)	12000(2000~13300)	18000(4299~22519)	22000(8600~23200)
	Heating	Btu/h	10200(2700~12300)	13600(3000~15000)	19790(3821~23202)	24000(8600~26000)
Pdesignh(A)/Pdesignw/Pdesign(C)	Btu/h		9600/9600/13000	11000/10200/13600	15354/18083/21154	19800/20500/24600
SEER/SCOP(A)/SCOP(W)/SCOP(C)	W/W		6.1/4.0/4.8/2.8	6.1/4.0/4.8/2.8	6.1/4.0/4.5/3.1	6.1/4.0/4.8/3.1
Energy Class Cool/Heat(A)/Heat(W)/Heat(C)			A++/A+/A++/C	A++/A+/A++/C	A++/A+/A+/B	A++/A+/A++/B
Power Supply	Ph,V,Hz		1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz
Power Input	Cooling	W	870(185~1300)	1170(185~1400)	1625(380~2650)	2180(600~2650)
	Heating	W	900(220~1400)	1200(250~1550)	1760(350~2650)	2220(600~2800)
Rated Current	Cooling	A	6	6.5	11.8	11.8
	Heating	A	6.5	7	11.8	12.4
Airflow Volume	Indoor	m ³ /h(SHHML)	600/500/400/300	600/500/400/300	850/780/650/550	1000/800/700/550
Indoor Unit						
Sound Power Level	Indoor	dB(A)(SHHML)	54/50/45/40	54/51/46/42	58/53/50/45	63/57/52/49
Outline Dimension	WxHxD	mm	848×274×189	848×275×189	945×298×211	1018×315×237
Package Dimension	WxHxD	mm	926×371×267	926×371×267	1013×383×300	1066×398×328
Net Weight/Gross Weight	Indoor	kg	10/12	10/12	13/16	15/18.5
Outdoor Unit						
Sound Power Level	Outdoor	dB(A)	63	63	63	68
Piping Connection	Gas	mm	φ9.52	φ9.52	φ12	φ16
	Liquid	mm	φ6	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	776×540×320	776×540×320	955×700×396	980×790×427
Package Dimension	WxHxD	mm	851×595×363	851×595×363	1029×750×458	1083×855×488
Net Weight/Gross Weight	Outdoor	kg	28/31	29/32	45/49.5	55/60
Loading Quantity	40'GP	sets	216	216	127	95
	40'HQ	sets	246	246	149	113

For North Europe

Model			GWH09RB-K3DBA3E	GWH12RB-K3DBA3E	GWH24RD-K3DBA3E
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling(pdc)	Btu/h	8900(2700~11000)	12000(3100~13600)	22000(7500~23900)
	Heating	Btu/h	9400(3100~11600)	12500(3100~14400)	22000(7800~29000)
Pdesignh(A)/Pdesignh(W)/Pdesignh(C)	Btu/h		9200/10200/13000	12000/12600/16400	22000/22000/22000
SEER/SCOP(A)/SCOP(W)/SCOP(C)	W/W		6.60/4.00/4.8/2.6	6.60/4.00/2.6	5.8/3.8/4.8/2.7
Energy Class Cool/Heat(A)/Heat(W)/SCOP(C)			A++/A+/A++/D	A++/A+/D	A+/A+/A++/D
Power Supply	Ph,V,Hz		1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz
Power Input	Cooling	W	640(100~1300)	980(100~1450)	1940 (450~3050)
	Heating	W	650(150~1700)	920(150~1700)	1910 (400~4000)
Rated Current	Cooling	A	5.7	6.3	13.1
	Heating	A	7.4	7.4	17.4
Airflow Volume	Indoor	m ³ /h(SHHML)	600/500/400/300	600/500/400/300	1000/800/700/600
Indoor Unit					
Sound Power Level	Indoor	dB(A)(SHHML)	55/51/46/37	55/51/46/37	63/58/54/51
Outline Dimension	WxHxD	mm	845×275×180	848×274×189	1018×315×233
Package Dimension	WxHxD	mm	926×371×267	926×371×267	1066×398×328
Net Weight/Gross Weight	Indoor	kg	10/12	10/12	15.5/19
Outdoor Unit					
Sound Power Level	Outdoor	dB(A)	63	63	70
Piping Connection	Gas	mm	φ6	φ6	φ16
	Liquid	mm	φ9.52	φ9.52	φ6
Outline Dimension	WxHxD	mm	848×540×320	899×596×378	980×790×427
Package Dimension	WxHxD	mm	881×595×363	948×645×420	1083×855×488
Net Weight/Gross Weight	Outdoor	kg	36/40	43/47	63/68
Loading Quantity	40'GP	sets	211	174	95
	40'HQ	sets	246	198	113

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Lomo



Features: ○ Standard ● Optional

Wall-mounted type

2017 CATALOGUE
AIR CONDITIONERS



▶ Soft start

Through adjusting the startup voltage and capacitor of compressor to lower its starting current, enabling the compressor to start smoothly, restraining the impact on distribution network and postponing the wastage on compressor.



▶ Intelligent auto restart

Upon power is resumed after power failure, the units in the whole building will not be restarted at the same time to avoid impact of electricity net. (Especially suitable for engineering project)



▶ Adjustable memory

Adjustable memory function is available through controlling remote controller, conduct setting flexibly according to user's usage habit.



▶ Wire control (optional)

If you need the wired controller, please ask the installation personnel to connect it when installing the air conditioner. However, the normal operation won't be affected if the wire controller is not connected.





Model	GWH07QA-K3DNA5C		GWH09QB-K3DNA1G	GWH12QC-K3DNA1G	GWH18QD-K3DNA1G	GWH24QE-K3DNA1G	
Function	Cooling/Heating		Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	
Capacity	Cooling	Btu/h	7506(1024-8530)	8871(1500-11000)	12000(2000-13500)	17500(4299-22519)	22900(6800-28000)
	Heating	Btu/h	7848(2047-8871)	9800(1500-14000)	12500(2000-17500)	18000(3821-23202)	24800(6800-29000)
Pdesignh(A)/Pdesignh(W)/Pdesignh(C)	Btu/h		2.00/-/-	9000/9600/9000	10200/13000/10200	14000/18100/21200	22000/24200/22000
SEER/SCOP(A)/SCOP(W)/SCOP(C)	W/W		5.10/3.8/-/-	6.1/4.0/5.1/3.2	6.1/4.0/5.1/3.2	6.1/4.0/5.4/3.1	6.3/4.0/5.1/2.8
Energy Class Cool/Heat(A)/Heat(W)/Heat(C)	A/A		A++/A+/A+++/B	A++/A+/A+++/B	A++/A+/A+++/B	A++/A+/A+++/C	
Power Supply	Ph,V,Hz		1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	
Power Input	Cooling	W	685	805(200-1420)	1084(220-1550)	1580(380-2450)	1875(400-3700)
	Heating	W	637	755(200-1550)	989(220-1650)	1410(350-2600)	1945(450-3800)
Rated Current	Cooling	A	6.7	6.3	6.9	10.9	16.4
	Heating	A	7.2	6.9	7.3	11.5	16.9
Airflow Volume	Indoor	m ³ /h	500/420/390/300	580/490/430/330	660/540/460/330	800/720/610/520	1150/1050/950/850
Indoor Unit							
Sound Power Level	Indoor	dB(A)(SHHML)	40/36/34/24	55/52/44/38	57/53/45/42	58/54/51/48	64/59/56/53
Outline Dimension	WxHxD	mm	713×270×195	790×275×200	845×289×209	970×300×224	1078×325×246
Package Dimension	WxHxD	mm	776×288×362	866×367×271	921×379×261	1041×383×320	1148×413×350
Net Weight/Gross Weight	Indoor	kg	8.5/10	9/11	10/12	13.5/16.5	17/20.5
Outdoor Unit							
Sound Power Level	Outdoor	dB(A)	49	61	62	63	68
Piping Connection	Gas	mm	φ9.52	φ9.52	φ9.52	φ12	φ16
	Liquid	mm	φ6	φ6	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	720×428×310	776×540×320	776×540×320	955×700×396	955×700×396
Package Dimension	WxHxD	mm	768×353×490	851×595×363	851×595×363	1029×750×458	1029×750×458
Net Weight/Gross Weight	Outdoor	kg	21.5/23.5	28/31	29/32	45/49.5	53/57.5
Loading Quantity	40'GP	sets	299	223	210	127	118
	40'HQ	sets	328	256	244	146	131



Model	GWH09QB-K6DNA1C		GWH12QC-K6DNA1C	GWH18QD-K6DNA1C	GWH24QE-K6DNA1C	
Function	Cooling/Heating		Cooling/Heating	Cooling/Heating	Cooling/Heating	
Capacity	Cooling	Btu/h	8800 (1700-11500)	12000 (2730-12624)	17500 (4094-21154)	22000 (6800-28000)
	Heating	Btu/h	9554 (1700-12000)	12522 (3071-12966)	18015 (4094-22519)	22000(6800-29000)
Pdesignh(A)/Pdesignh(W)/Pdesignh(C)	KW		2.60/2.8/2.7	3.5/3.5/4.8	4.2/4.3/5	6.3/6.4/6.3
SEER/SCOP(A)/SCOP(W)/SCOP(C)	W/W		6.10/4/5.1/3.2	6.10/4/5.1/3.4	6.1/4/5.1/3.4	6.30/4/5.1/3.3
Energy Class Cool/Heat(A)/Heat(W)/Heat(C)	A++/A+/A+++/B		A++/A+/A+++/A	A++/A+/A+++/A	A++/A+/A+++/B	
Power Supply	Ph,V,Hz		1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	
Power Input	Cooling	W	805	1085	1580	1950
	Heating	W	755	990	1420	1735
Rated Current	Cooling	A	6.3	7.2	10.8	13.04
	Heating	A	6.9	7.7	12.0	13.48
Airflow Volume	Indoor	m ³ /h	560/490/430/330	680/590/490/420	850/720/610/520	1250/1050/950/850
Indoor Unit						
Sound Power Level	Indoor	dB(A)(SHHML)	39/36/32/28	57/52/48/45	49/44/39/34	63/59/56/53
Outline Dimension	WxHxD	mm	790×275×200	854×289×209	970×300×224	1078×325×246
Package Dimension	WxHxD	mm	866×271×367	921×281×379	1041×383×320	1148×413×350
Net Weight/Gross Weight	Indoor	kg	9/11	10.5/12.5	13.5/16.5	16.5/20
Outdoor Unit						
Sound Power Level	Outdoor	dB(A)	52	62	58	68
Piping Connection	Liquid	mm	φ6	φ6	φ6	φ6
	Gas	mm	φ9.52	φ9.52	φ12	φ16
Outline Dimension	WxHxD	mm	776×540×320	842×596×320	899×596×378	955×700×396
Package Dimension	WxHxD	mm	823×358×595	881×363×645	948×420×645	1029×458×750
Net Weight/Gross Weight	Outdoor	kg	29.5/32	31/34	39/42	52.5/57
Loading Quantity	40'GP	sets	212	196	156	118
	40'HQ	sets	245	226	179	131

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Bora

- Auto Clean
- Automatic Operation
- LED Display
- Intelligent Defrosting
- Compact Design
- Clock Display
- Comfortable Sleep Curves
- Cold Air Prevention
- Timer
- Turbo Button
- Self-diagnosis
- Auto Restart
- Lock
- Healthy Filters
- Cold Plasma
- I Feel
- 8°C Heating
- 15°C Heating
- 15°C Cooling

Features: Standard Optional

Wall-mounted type

2017 CATALOGUE
AIR CONDITIONERS

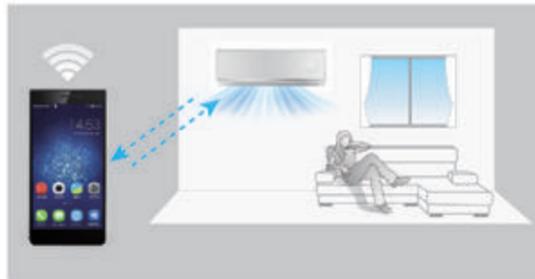


Model			GWH09AAB-K6DNA2A *	GWH12AAB-K6DNA2A *	GWH18AAD-K6DNA2A *	GWH24AAD-K6DNA2A *
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	8500	11000	17500	21000
	Heating	Btu/h	9500	11601	18015	22000
Pdesignh(A)/Pdesignh(W)/Pdesignh(C)		Btu/h	3.1/3.45	3.21/3.61	4.2/4.3	4.7/4.7
SEER/SCOP(A)/SCOP(W)/SCOP(C)		W/W	6.1/4.0(A)/5.1(W)	6.1/4.0(A)/5.1(W)	6.1/4.0(A)/5.1(W)	6.1/4.0(A)/5.1(W)
Energy Class Cool/Heat(A)/Heat(W)/Heat(C)						
Power Supply		Ph,V,Hz	1Ph, 220-240V~,50Hz	1Ph, 220-240V~,50H	1Ph, 220-240V~,50H	1Ph, 220-240V~,50H
Power Input	Cooling	W	799	997	1600	1780
	Heating	W	743	942	1450	1880
Rated Current	Cooling	A	3.8	4.5	10.8	10.9
	Heating	A	3.6	4.4	12.0	11.3
Airflow Volume	Indoor	m ³ /h	520	550	850/720/610/520	850/720/610/520
Indoor Unit						
Sound Power Level	Indoor	dB(A)(SH/HML)	40/37/35/32	55/47/44/3	48/44/39/34	48/44/40/34
Outline Dimension	WxHxD	mm	773×250×185	773×250×185	970×300×225	970×300×225
Package Dimension	WxHxD	mm	822×322×255	822×322×255	1020×369×295	1020×369×295
Net Weight/Gross Weight	Indoor	kg	9.5/10.5	9.5/10.5	13.5/16.5	13.5/16.5
Outdoor Unit						
Sound Power Level	Outdoor	dB(A)	52	62	56	57
Piping Connection	Gas	mm	9.52 / 3/8"	9.52 / 3/8"	φ12 / 1/2"	φ16 / 5/8"
	Liquid	mm	φ6/ 1/4"	φ6 / 1/4"	φ6 / 1/4"	φ6 / 1/4"
Outline Dimension	WxHxD	mm	776×540×320	842×596×320	899×596×378	955×700×396
Package Dimension	WxHxD	mm	823×595×358	881×363×645	948×420×645	1029×458×750
Net Weight/Gross Weight	Outdoor	kg	29.5/32	31/34	39/42	48/50.5
Loading Quantity	40'GP	sets	240	198	164	130
	40'HQ	sets	284	226	187	148

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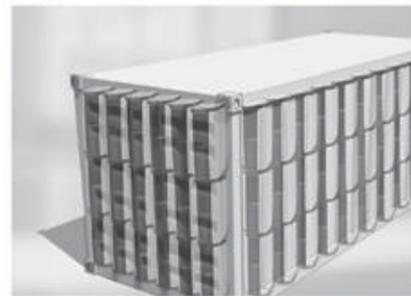
Smart WiFi

Even though you are not in the room, you can remotely control the air conditioner via mobile phone, tablet computer or other mobile devices.



High loading quantity

Maximum loading quantity is up to 360/40HQ



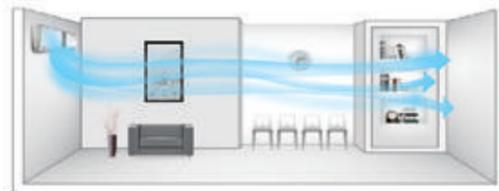
Adjustable memory

Adjustable memory function is available through controlling remote controller, conduct setting flexibly according to user's usage habit.



Turbo cooling

Press "Turbo" button on remote controller to enjoy a larger air flow, which enables the indoor temperature to reach the set temp in a shorter time.





I-Crown I

Wifi Control	8°C Heating	Timer	-18°C Cooling	-30°C Heating	54°C Cooling	LED Remote Control	Dehumidifying	Light Function	R410A
Intelligent Preheating	3D Airflow	LED Display	Auto Restart	Quiet Design	7 Fan Speeds	4 Sleep curves	Auto Clean	Lock	

Features: ○ Standard ● Optional

Floor Standing

2017 CATALOGUE
AIR CONDITIONERS



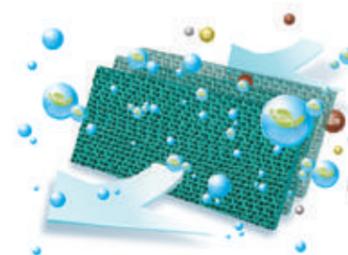
▶ 110cm vertical 3-dimensional air outlet

110cm vertical 3-dimensional air outlet with big circulating air volume and wide air outlet angle, which can provide more comfortable cooling and heating enjoyment.



▶ Remove PM2.5

PM2.5 has been the main contamination in the air. Gree Crown series air conditioner can remove dust and PM2.5 efficiently and provide you with a clean and comfortable living environment.



▶ Super low noise

The noise is lower to 26dB (A)



▶ Cold air prevention

When turning on the unit in heating mode, cold air prevention function will be activated intelligently. The unit will supply air after the air in the unit is preheated, which will be more comfortable.



Low ambient temperature heating of Gree I-Crown series



Low ambient temperature heating of conventional air con

R410A

Model		GVH24AK-S3DTC5A	
Function		Cooling/Heating	
Capacity	Cooling	Btu/h	24800
	Heating	Btu/h	32400
EER/C.O.P		W/W	3.41/3.06
Power Supply		Ph,V,Hz	1Ph, 220-240v,50/60Hz
Power Input	Cooling	W	2110
	Heating	W	3100
Rated Current	Cooling	A	14.2
	Heating	A	17.5
Airflow Volume	Indoor	m ³ /h	1200
Indoor Unit			
Sound Pressure Level	Indoor	dB(A)(SHHML)	48/43/38/33
Outline Dimension	WxHxD	mm	509×1796×476
Package Dimension	WxHxD	mm	1973×573×615
Net Weight/Gross Weight	Indoor	kg	52/70
Outdoor Unit			
Sound Pressure Level	Outdoor	dB(A)	57
Piping Connection	Gas	mm	φ16
	Liquid	mm	φ6
Outline Dimension	WxHxD	mm	955×700×396
Package Dimension	WxHxD	mm	1083×855×488
Net Weight/Gross Weight	Outdoor	kg	63/68
Loading Quantity			
Loading Quantity	40'GP	sets	45
	40'HQ	sets	56

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I-Crown II

 Wifi Control	 8°C Heating	 Timer	 -18°C Cooling	 -30°C Heating	 54°C Cooling	 LED Remote Control	 Dehumidifying	 Light Function	 R410A
 Intelligent Preheating	 3D Airflow	 LED Display	 Auto Restart	 Quiet Design	 7 Fan Speeds	 4 Sleep curves	 Auto Clean	 Lock	

Features: Standard Optional

Floor Standing

2017 CATALOGUE
AIR CONDITIONERS

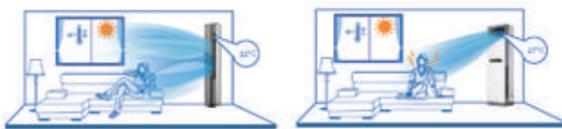


First created max unlimited air flow system



Super energy-saving

High temperature cooling at 54°C

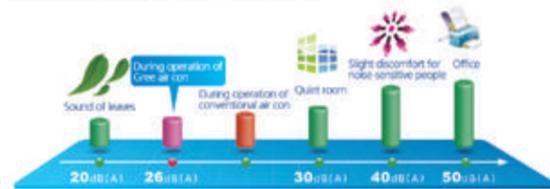


Cooling capacity improved by 35%



Super low noise

The noise is lower to 26dB (A)



Smart WiFi

Even though you are not in the room, you can remotely control the air conditioner via mobile phone, tablet computer or other mobile devices.



Model		GVH24AK-K3DNC6A		
Function		Cooling/Heating		
Capacity	Cooling	Btu/h	24566(5118~30026)	
		W	7200(1500~8800)	
	Heating	Btu/h	32414(3412~34188)	
		W	9500(1000~10020)	
	Pdesignh(A)/Pdesignh(W)/Pdesignh(C)		Btu/h	22178/22178/30708
			W	6500/6500/9000
SEER/SCOP(A)/SCOP(W)/SCOP(C)		W/W	6.1/4.0/5.1/3.1	
Energy Class Cool/Heat(A)/Heat(W)/Heat(C)		-	A++/A+/A+++/B	
Power Supply		Ph, V, Hz	1Ph, 220-240V, 50Hz	
Power Input	Cooling	W	2140(340~3250)	
	Heating	W	3060(270~4000)	
Rated Current	Cooling	A	14.1	
	Heating	A	17.4	
Airflow Volume	Indoor	m³/h(SS/H/MH/H/ML/L/SL)	1200/1100/1000/900/800/700/550	
Indoor Unit				
Sound Power Level	Indoor	dB(A)(SH/H/ML/SL)	48/45/43/40/37/35/30	
Outline Dimension	WxHxD	mm	1844X462X395	
Package Dimension	WxHxD	mm	2023X501X590	
Net Weight/Gross Weight	Indoor	kg	46/64	
Outdoor Unit				
Sound Power Level	Indoor	dB(A)(SH/H/ML/SL)	58	
Piping Connection	Gas	mm	φ16	
	Liquid	mm	φ6	
Outline Dimension	WxHxD	mm	980x790x427	
Package Dimension	WxHxD	mm	1083x855x488	
Net Weight/Gross Weight	Outdoor	kg	63/68	
Loading Quantity	40'GP	sets	52	
	40'HQ	sets	60	

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Fresh wind

- | | | | | | | | | | |
|---|---|--|---|---|---|--|---|---|--|
| 
Timer | 
Turbo Button | 
Automatic Operation | 
LED Display | 
Intelligent Defrosting | 
Self-diagnosis | 
Clock Display | 
Auto Clean | 
Comfortable Sleep Mode | 
Cold Air Prevention |
| 
3D Airflow | 
Auto Restart | 
Lock | 
Fresh Air Supply Ventilation | 
Auxiliary Heating | | | | | |

Features: Standard Optional

Floor Standing

2017 CATALOGUE
AIR CONDITIONERS

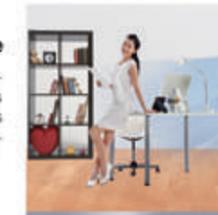


Five environmental modes, meeting individual demand intelligently.



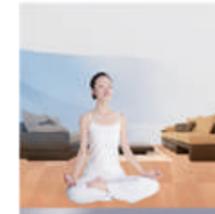
Living room

cooling and heating in medium and fast speed, enabling you to enjoy cool or warm when you turn on the air conditioner at home;



Meeting/office

office and meeting room has higher requirements on quiet of air conditioner. Under this mode, the operation is quieter and air supply is more equal, you can enjoy quiet work environment with an easy press on this button;



Energy saving

energy saving mode is also called "comfortable power saving mode", it mainly considers user's requirements on energy saving effect and comfort when the air conditioner is cooling for operation, therefore, this mode is just limited to cooling.



Restaurant

the left-right swing function provides comfortable wind in all directions when your family and friends are having meals, creating a pleasant dining environment;

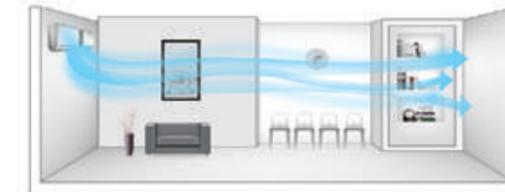


Normal

air conditioner under this mode will keep operation as user's preset status, and change the operating status according to user's requirements for ambient comfort.

Turbo cooling

Press "Turbo" button on remote controller to enjoy a larger air flow, which enables the indoor temperature to reach the set temp in a shorter time.



-15°C cooling

Cooling at -15°C while keep a reliable operation. As the outdoor temperature changes, the frequency of compressor and the speed of fan adjusts accordingly.



Child lock setting

The function can avoid child's wrong operation on the remote controller.



ON/OFF

Model			GVA48AD-M3NNA9C	GVA60AH-M3NNA9C
Function			Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	41100	53000
	Heating	Btu/h	47800	64800
EER/COP		W/W	2.41/2.81	2.51/2.91
Power Supply		Ph,V,Hz	3Ph,380-415V,50Hz	3Ph,380-415V,50Hz
Power Input	Cooling	W	4980	6190
	Heating	W	4980	6530
Rated Current	Cooling	A	13	16.5
	Heating	A	13	15.2
Airflow Volume	Indoor	m³h(SHHML)	1800/1500/1200/1000	2000/1700/1400/1100
Indoor Unit				
Sound Power Level	Indoor	dB(A)(SHHML)	64/62/60/58	64/62/60/57
Outline Dimension	WxHxD	mm	581×1870×395	581×1870×395
Package Dimension	WxHxD	mm	738×2113×515	738×2083×545
Net Weight/Gross Weight	Indoor	kg	62/88	63/89
Outdoor Unit				
Sound Power Level	Outdoor	dB(A)	69	73
Piping Connection	Gas	mm	φ19	φ19
	Liquid	mm	φ12	φ12
Outline Dimension	WxHxD	mm	1050×840×410	1050×840×410
Package Dimension	WxHxD	mm	1103×1010×453	1103×1295×450
Net Weight/Gross Weight	Outdoor	kg	74/84	117/128
Loading Quantity	40'GP	sets	41	34
	40'HQ	sets	49	40



Model			GVH48AH-M3DNASA	
Function			Cooling/Heating	
Capacity	Cooling	Btu/h	40900(10236~44356)	
	Heating	Btu/h	46400(11601~47768)	
EER/COP		W/W	3.00/3.24	
Power Supply		Ph,V,Hz	3Ph,380-415V,50/60Hz	
Power Input	Cooling	W	4000(660~5400)	
	Heating	W	4200(700~4400)	
Rated Current	Cooling	A	9.5	
	Heating	A	9.0	
Airflow Volume	Indoor	m³h(SHHML)	1850/1800/1700/1530	
Indoor Unit				
Sound Power Level	Indoor	dB(A)(SHHML)	63/61/58/56	
Outline Dimension	WxHxD	mm	580×1870×400	
Package Dimension	WxHxD	mm	738×2083×545	
Net Weight/Gross Weight	Indoor	kg	58/84	
Outdoor Unit				
Sound Power Level	Outdoor	dB(A)	70	
Piping Connection	Gas	mm	φ16	
	Liquid	mm	φ9.52	
Outline Dimension	WxHxD	mm	1107×440×1100	
Package Dimension	WxHxD	mm	1158×483×1235	
Net Weight/Gross Weight	Outdoor	kg	94/105	
Loading Quantity	40'GP	sets	31	
	40'HQ	sets	38	

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Shiny



Features: Standard Optional

Portable Type

2017 CATALOGUE
AIR CONDITIONERS

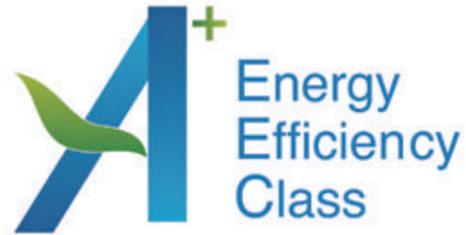


R410A

Model			GPC07AK-K3NNA1A	GPC08AK-K3NNA1A	GPC09AK-K6NNA1A	GPC12AL-K3NNA1A	GPH12AL-K3NNA1A
Function			Cooling	Cooling	Cooling	Cooling	Cooling/Heating
Capacity	Cooling	Btu/h	7000	8000	9000	12000	12000
		W	2050	2350	2640	3520	3520
	Heating	Btu/h	-	-	-	-	12000
		W	-	-	-	-	3520
EER/COP	W/W	2.62/-	2.62/-	2.62/-	2.61	2.61/2.85	
Energy Class			A	A	A	A	A/A+
Power Supply	Ph,V,Hz		1Ph,230V,50Hz	1Ph,230V,50Hz	1Ph,230V,50Hz	1Ph,230V,50Hz	1Ph,230V,50Hz
Power Input	Cooling	W	780	895	1010	1345	1345
	Heating	W	-	-	-	-	1235
Rated Current	Cooling	A	4.2	4.8	5.3	7	7
	Heating	A	-	-	-	-	7
Airflow Volume	Indoor side	m ³ /h(H/M/L)	320/290/260	320/290/260	330/300/270	360/330/300	360/330/300
Sound pressure Level	Indoor side	dB(A)(H/M/L)	51/49/47	51/49/47	53/51/49	53/51/49	53/51/49
Outline Dimension	WxHxD	mm	315*770*395	315*770*395	315*770*395	390*820*405	390*820*405
Package Dimension	WxHxD	mm	358*881*463	358*881*463	358*881*463	455*862*581	455*862*581
Net Weight/Gross Weight	kg		24/28	24.5/28.5	27.5/31.5	39/44	39/44
Loading Quantity	40'GP	sets	330	330	330	208	208
	40'HQ	sets	494	494	494	311	311

High energy efficiency

Even though you are not in the room, you can remotely control the air conditioner via mobile phone, tablet computer or other mobile devices.



High loading quantity

Maximum loading quantity is up to 494/40HQ



Multi-layer protection



High loading protection



Overload protection



Anti-freezing protection



Refrigerant leakage protection



Temperature sensor error protection

Fire-proof electric box

Electric box sealed by metal casing, could prevent fire in case of short-circuit



R290

Model			GPC10AL-K5NNA1A
Function			Cooling
Capacity	Cooling	Btu/h	10000
		W	2900
	Heating	Btu/h	-
		W	-
EER/COP	W/W	3.1/-	
Energy Class			
Power Supply	Ph,V,Hz		1Ph, 230V, 50Hz
Power Input	Cooling	W	935
	Heating	W	-
Rated Current	Cooling	A	5.3
	Heating	A	-
Airflow Volume	Indoor side	m ³ /h(H/M/L)	360/330/300
Sound pressure Level	Indoor side	dB(A)(H/M/L)	53/51/49
Outline Dimension	WxHxD	mm	390*820*405
Package Dimension	WxHxD	mm	455*862*581
Net Weight/Gross Weight	kg		36/41
Loading Quantity	40'GP	sets	208
	40'HQ	sets	311

R32

Model			GPC10AL-K6NNA1A	GPH10AL-K6NNA1A
Function			Cooling	Cooling/Heating
Capacity	Cooling	Btu/h(W)	10000(2930)	10000
	Heating	Btu/h(W)	/	10000
EER/COP	W/W		3.10	3.10/3.25
Energy Class			A+	A+/A++
Power Supply	Ph,V,Hz		1Ph,220V-240V,50Hz	1Ph,220V-240V,50Hz
Power Input	Cooling	W	945	945
	Heating	W	/	900
Rated Current	Cooling	A	5.7	5.7
	Heating	A	/	/
Airflow Volume	Indoor side	m ³ /h(H/L/M)	360/330/300	360/330/300
Sound pressure Level	Indoor side	dB(A)(H/M/L)	53/51/49	53/51/49
Outline Dimension	WxHxD	mm	390*820*405	390*820*405
Package Dimension	WxHxD	mm	455*862*581	455*862*581
Net Weight/Gross Weight	kg		36/41	36/41
Loading Quantity	40'GP	sets	208	208
	40'HQ	sets	311	311

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Portable Type

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AIR CONDITIONERS



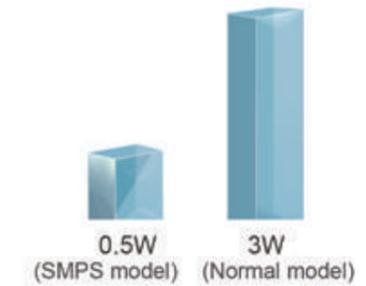
▶ Compact design

With 300mm body design, it is designed for more flexibility and space saving.



▶ 0.5W standby

Innovative switcher power design ensures only 0.5W standby (only for models without electric heater).



Koobe



Timer



Comfortable Sleep Curves



Automatic Operation



Self-diagnosis



Dehumidifying



LED Display



0.5 W Standby



Healthy Filters

Features: ○ Standard ● Optional

Model	GPC07AH-K3NNC3D		GPC08AH-K3NNC3D	
Function	Cooling		Cooling	
Capacity	Cooling	Btu/h(W)	7000(2050)	8000(2345)
	Heating	Btu/h	-	-
EER/COP		W/W	2.6	2.6
Energy Class			A	A
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	790	900
	Heating	W	-	-
Rated Current	Cooling	A	4.9	5.3
	Heating	A	-	-
Airflow Volume	Indoor side	m ³ /h(H/M/L)	330/300/250	330/300/250
Sound pressure Level	Indoor side	dB(A)(H/M/L)	54/52/50	54/52/50
Outline Dimension	WxHxD	mm	300×790×345	300×790×345
Package Dimension	WxHxD	mm	355×840×565	355×840×565
Net Weight/Gross Weight		kg	24/28	24/28
Loading Quantity	40'GP	sets	264	264
	40'HQ	sets	396	396

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Cutee



Timer



Comfortable Sleep Curves



Automatic Operation



Self-diagnosis



Dehumidifying



LED Display



0.5 W Standby

Features: Standard Optional

Portable Type

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AIR CONDITIONERS



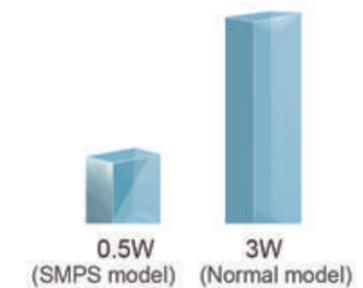
Colorful band design

A unique color band is perfectly around the front panel, designed for your personalized style.



0.5W standby

Innovative switcher power design ensures only 0.5W standby (only for models without electric heater).



Model	GPC09AI-K3NNC6D		
Function	Cooling		
Capacity	Cooling	Btu/h(W)	9000(2640)
	Heating	Btu/h	-
EER/COP		WW	2.6
Energy Class	A		
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	1010
	Heating	W	-
Rated Current	Cooling	A	6.44
	Heating	A	-
Airflow Volume	Indoor side	m ³ /h(H/M/L)	230/200/180
Sound pressure Level	Indoor side	dB(A)(H/M/L)	56/54/52
Outline Dimension	WxHxD	mm	340×780×394
Package Dimension	WxHxD	mm	400×815×550
Net Weight/Gross Weight		kg	27/32.5
Loading Quantity	40'GP	sets	244
	40'HQ	sets	366

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Portable Type

2017 CATALOGUE
AIR CONDITIONERS



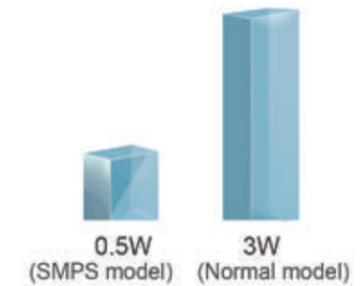
► Elegant appearance

Sleek as laffis, a curve surface gives an elegant impression.



► 0.5W standby

Innovative switcher power design ensures only 0.5W standby (only for models without electric heater).



Laffis



Timer



Comfortable Sleep Curves



Automatic Operation



Self-diagnosis



Dehumidifying



LED Display



0.5 W Standby



Cold Air Prevention



Cold Plasma

Features: Standard Optional

Model	GPC12AJ-K3NNA1D		GPH12AJ-K3NNA1D	
Function	Cooling		Cooling/Heating	
Capacity	Cooling	Btu/h(W)	12000(3520)	12000(3520)
	Heating	Btu/h	-	12000
EER/COP	WW		2.6	2.61/2.8
Energy Class			A	A/A+
Power Supply	Ph, V, Hz		1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz
Power Input	Cooling	W	1350	1350
	Heating	W	-	1255
Rated Current	Cooling	A	6.90	6.90
	Heating	A	-	6.90
Airflow Volume	Indoor side	m ³ /h(H/L/M)	360/330/300	360/330/300
Sound pressure Level	Indoor side	dB(A)(H/M/L)	55/53/51	55/53/51
Outline Dimension	WxHxD	mm	375×775×442	375×775×442
Package Dimension	WxHxD	mm	437×875×555	437×875×555
Net Weight/Gross Weight			40/45	40/45
Loading Quantity	40'GP	sets	222	222
	40'HQ	sets	333	333

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Coolani

- | | | | | | | | | | |
|---|---|--|--|---|---|--|---|---|--|
| 
3D Airflow | 
Comfortable Sleep Mode | 
Cold Air Prevention | 
Timer | 
Self-diagnosis | 
Auto Restart | 
Automatic Operation | 
Auto Swing | 
Filter Dirty Alarm | 
Dehumidifying |
| 
Soft Start | 
Low voltage startup | 
Golden Fin | | | | | | | |

Features: Standard Optional

Portable Type

2017 CATALOGUE
AIR CONDITIONERS



▶ 145V low voltage start up

The unit could operate from 145V to 265V, which is suitable for unstable power supply areas.



▶ Self-diagnosis

Once abnormal operation or parts failure happen, the unit will shut off automatically to protect the system. Meanwhile it will indicate protection or error code for fast service.



▶ Soft start

Through adjusting the startup voltage and capacitor of compressor to lower its starting current, enabling the compressor to start smoothly, restraining the impact on distribution network and postponing the wastage on compressor.



▶ Fresh air supply ventilation

The unit can introduce a certain percentage of fresh air to satisfy the fresh air requirement.





Model	GJC09AF-E8RNB3A		GJC12AG-E8RNB3A	
Function	Cooling		Cooling	
Capacity	Cooling	Btu/h	9212	12454
	Heating	Btu/h	-	-
SEER	W/W		5.2	5.4
Energy Class Cool			A	A
Power Supply	Ph,V,Hz		1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	782	1030
	Heating	W	-	-
Rated Current	Cooling	A	5.5	6.5
	Heating	A	-	-
Airflow Volume	Indoor	m ³ /h	400/360/320	480/430/380
	Indoor	dB(A)(SHHML)	50/48/46	50/48/46
Sound Power Level	Outdoor	dB(A)(SHHML)	58/54/52	58/56/54
	Outdoor	dB(A)(SHHML)	58/54/52	58/56/54
Outline Dimension	WxHxD	mm	560*375*710	660*428*700
Package Dimension	WxHxD	mm	808*425*623	793*505*739
Net Weight/Gross Weight	Indoor	kg	43/47	50/54
Loading Quantity	40'GP	sets	260	184
	40'HQ	sets	312	230

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Shark

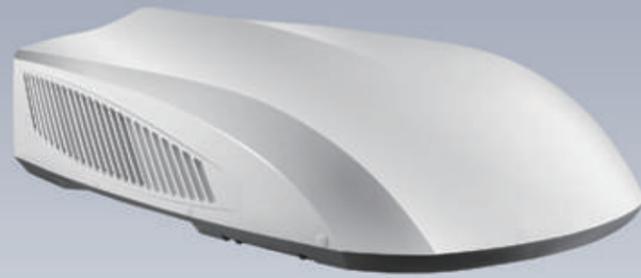
- LED Light
- Cooling
- Air Flow
- Sleep Mode
- Dehumidifying
- Light Display
- Timer
- Heating
- 1W Standby
- Memory Function
- Child Lock



Features: Standard Optional

Recreational Vehicle AC

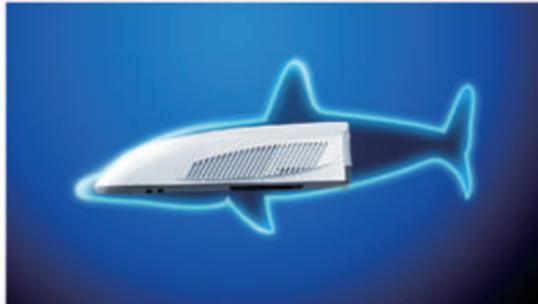
2017 CATALOGUE
AIR CONDITIONERS



R410A

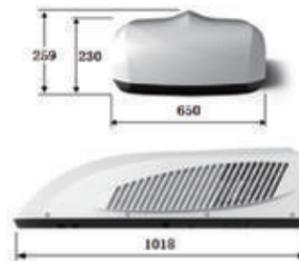
Fashionable appearance

Design inspiration for Gree RV AC comes from shark. Dorsal fin of shark has balancing function, we adopt the rigid curve of sharp back to the design of RV AC, which is more fashionable.



Thinner than thinner design

The thinnest part for outdoor unit of Gree RV AC is only 230mm, which makes the appearance more harmonious and fashionable.



Three-side air outlet

There are three sides air outlet, which with fast heating and cooling mode, can be more comfortable.



Branch-proof design

If the RV pass through a forest, some small branches may insert in air inlet in side face, which would damage the inner system of air conditioner. Gree RV AC reserves the appearance effect of grill and at the same time has branch-proof design to prevent the branches from inserting in.



Smart WiFi

Even though you are not in the room, you can remotely control the air conditioner via mobile phone, tablet computer or other mobile devices.



Model			GRH085DA-K3NA1A	GRH120DA-K3NA1A
Function			Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	8530	11942
	Heating	Btu/h	7506	10918
EER/C.O.P	W/W		2.33/2.24	2.75/2.71
AEER	W/W		/	/
AEER/ACOP	W/W		/	/
Star Rating (ACOP)				
Power Supply	Ph,V,Hz		1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	1070	1270
	Heating	W	980	1180
Rated Current	Cooling	A	6.6	8
	Heating	A	/	/
Airflow Volume	Indoor	m3/h	340/280/220/190	380/320/260/230
Indoor Unit				
Sound Pressure Level	Indoor	dB(A)(SHH/M/L)	53/48/43/38	55/49/44/39
Outline Dimension	WxHxD	mm	667*497*96	667*497*96
Package Dimension	WxHxD	mm	738*578*165	738*578*165
Net Weight /Gross Weight	Indoor	Kg	5.5/8	5.5/8
Outdoor Unit				
Sound Pressure Level	Outdoor	dB(A)	65/55	65/55
Outline Dimension	WxHxD	mm	1018/650/259	1018/650/259
Package Dimension	WxHxD	mm	1102/718/327	1102/718/327
Net Weight/Gross Weight	Outdoor	Kg	41/46	41/46
Loading Quantity	40'GP	sets	176	176
	40'HQ	sets	206	206

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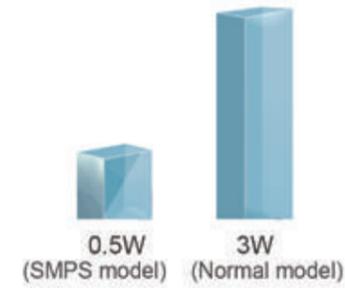
Dehumidifier

2017 CATALOGUE
AIR CONDITIONERS



▶ 0.5W standby

Innovative switcher power design ensures only 0.5W standby (only for models without electric heater).



▶ Fire-proof electric box

Electric box sealed by metal casing, could prevent fire in case of short-circuit

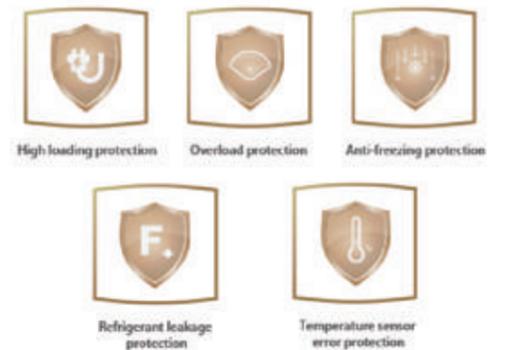


▶ Low noise

The noise is lower to 39dB (A)



▶ 5-layer guard shield



Petal



Features: ○ Standard ● Optional

Model			GDN10AY-K4EBA1A	GDN12AY-K4EBA1A
Dehumidifying Volume 30℃,RH80%	L/D		10	12
Power Supply	Ph,V,Hz		1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz
Power Input	W		230	230
Rated Current	A		2.1	2.1
Airflow Volume	m ³ /h		90	90
Sound Power Level	dB(A)		39	39
Water Tank Volume	L		1.5/1.8	1.5/1.8
Outline Dimension	WxHxD	mm	310*400*243	310*400*243
Package Dimension	WxHxD	mm	345X437X286	345X437X286
Operation Mode			Electronic	Electronic
Net Weight/Gross Weight	kg		11.5/12.5	12/13
Loading Quantity	40'GP	sets	1375	1375
	40'HQ	sets	1649	1649

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Dehumidifier

2017 CATALOGUE
AIR CONDITIONERS



Fast drying

Put the clothes and dehumidifier in a closed indoor space when using drying function. The air outlet of dehumidifier shall face the clothes; better drying effect can be reached after starting drying mode. When the drying indicator is on, it enters into drying mode and the unit keeps operating under this mode. After drying is completed, room humidity shall be maintained within certain ranges to prevent the clothes from going moldy.



Accurate humidity control

With high precision humidity sensor, user can conduct setting within the range between 35%~85%. According to the ambient humidity detected automatically, the unit controls ON and OFF precisely.



Low noise

The noise is lower to 39dB (A)



6-layer guard shield



Model		GDN20AX-K4EBA1A	GDN20AV-K4EBA1A	GDN40AW-K3EBA1A	GDN20AT-K4EBA1A	GDN40AU-K3EBA1A
Dehumidifying Volume 30°C, RH80%	L/D	20	20	40	20	40
Power Supply	Ph, V, Hz	1Ph, 220-240V, 50Hz				
Power Input	W	345	345	570	345	570
Rated Current	A	1.9	1.9	3.1	1.9	3.1
Airflow Volume	m ³ /h(H/M/L)	130/115/105	130/115/105	230/195/170	130/115/105	230/195/170
Sound Power Level	dB(A)(H/M/L)	43/41/39	43/41/39	46/43/41	43/41/39	46/43/41
Water Tank Volume	L	3.5/4	3.5/4	6.5/7	3.5/4	6.5/7
Outline Dimension	WxHxD	mm 345×575×210	mm 363×577×245	mm 396×625×286	mm 367×582×248	mm 390×628×286
Package Dimension	WxHxD	mm 430×620×295	mm 431×617×314	mm 451×653×341	mm 431×620×314	mm 464×670×351
Operation Mode		Electronic	Electronic	Electronic	Electronic	Electronic
Net Weight/Gross Weight	kg	14/15.5	15/16.5	23/24.5	15/16.5	22/23.5
Loading Quantity	40'GP	sets 642	603	519	603	501
	40'HQ	sets 856	804	690	804	501

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Dehumidifier

2017 CATALOGUE
AIR CONDITIONERS



Granduer



Water Overflow Protection



Humidity Display



Filter Cleaning Reminder



Timer



Self-diagnosis



Auto Restart



Lock

Features: Standard Optional

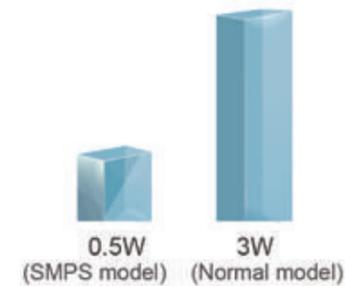
▶ Water overflow protection

A signal is given when water level has reached the maximum level.



▶ 0.5W standby

Innovative switcher power design ensures only 0.5W standby (only for models without electric heater).



▶ Child lock setting

The function can avoid child's wrong operation on the remote controller.



▶ Accurate humidity control

With high precision humidity sensor, user can conduct setting within the range between 35%~85%. According to the ambient humidity detected automatically, the unit controls ON and OFF precisely.



Model			GDN16AR-K4EBA1A	GDN20AR-K4EBA1A	GDN30AS-K4EBA1A
Dehumidifying Volume		L/D	10.6	20(at 30°C/27.1°C)	30(at 30°C/27.1°C)
Power Supply		Ph,V,Hz	1Ph,220V-240V,50Hz	1Ph,220V-240V,50Hz	1Ph,220V-240V,50Hz
Power Input		W	285	285	500
Rated Current		A	1.8	1.8	3.3
Airflow Volume		m ³ /h(H/M/L)	150/135/125	150/135/125	275/225/200
Sound Power Level		dB(A)(H/M/L)	42/40/39	42/40/39	45/43/41
Water Tank Volume		L	3.8/4.7	4.7L	7L
Outline Dimension		WxHxD mm	355x495x280	355x495x280	380x610x285
Package Dimension		WxHxD mm	399x325x528	399x528x325	438x650x332
Operation Mode			Electronic	Electronic	Electronic
Net Weight/Gross Weight		kg	15.5/17	15.5/17	18.5/21
<hr/>					
Loading Quantity		40'GP sets	844	844	567
		40'HQ sets	1054	1054	755

1. The product with * is under development, and the parameters are estimated, please refer to the value on nameplates.
2. Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.



Fancy



Features: Standard Optional

Dehumidifier

2017 CATALOGUE
AIR CONDITIONERS



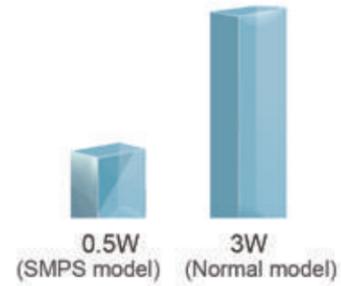
▶ Big button design

User-friendly for operation.



▶ 0.5W standby

Innovative switcher power design ensures only 0.5W standby (only for models without electric heater).



Model		GDN12AJ-K4EBC1A	GDN16AJ-K4EBC1A
Dehumidifying Volume	L/D	12	16
Power Supply	Ph, V, Hz	1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz
Power Input	W	230	295
Rated Current	A	1.1	1.3
Rated Current	A	1.4	1.6
Airflow Volume	m ³ /h	115/100	115/100
Sound Pressure Level	dB(A)(HL)	43/41	45/43
Water Tank Volume	L	3.0/3.5	3.0/3.5
Outline Dimension (W×H×D)	mm	353X496X225	353X496X225
Package Dimension (W×H×D)	mm	396X525X274	396X525X274
Operation Mode		electronic	electronic
Net Weight/Gross Weight	kg	11/12	13.5/14.5
Outline Dimension			
Loading Quantity (40'GP)	sets	1000	1000
Loading Quantity (40'HQ)	sets	1250	1250

1. The product with * is under development, and the parameters are estimated, please refer to the value on nameplates.
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Precise



Features: ○ Standard ● Optional

Dehumidifier

2017 CATALOGUE
AIR CONDITIONERS



▶ Integrated handle design, concise and convenient



▶ Accurate humidity control

With high precision humidity sensor, user can conduct setting within the range between 35%~85%. According to the ambient humidity detected automatically, the unit controls ON and OFF precisely.



Model		GDN20AQ-K4EBA1B	GDN24AQ-E4EBA1A
Dehumidifying Volume	L/D	20	24
Power Supply	Ph, V, Hz	1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz
Power Input	W	260	280
Rated Current	A	1.60	1.5
Airflow Volume	m ³ /h(H/M/L)	185/165/145	185/165/145
Sound Pressure Level	dB(A)(H/M/L)	48/46/44	48/46/44
Water Tank Volume	L	3.6/4.2	3.6/4.2
Outline Dimension (WxHxD)	mm	351×492×260	351×492×260
Package Dimension (WxHxD)	mm	407×530×329	407×530×329
Operation Mode		electronic	electronic
Net Weight/Gross Weight	kg	15/17	15/17
Outline Dimension			
Loading Quantity (40GP)	sets	812	812
Loading Quantity (40HQ)	sets	1013	1013

1. The product with * is under development, and the parameters are estimated, please refer to the value on nameplates.
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Air Purifier



Timer



Sleep Mode



Independently Control De-odor



LED Display



Auto Detect Air Quality of Environment and Adjust the



Healthy Filters



Odor&Dust Sensor with Red-orange-green Color Light



Filter Cleaning Monitor (2000h used)



Filter Changed Monitor (480h used)



Auto Restart



Lock

Features: Standard Optional

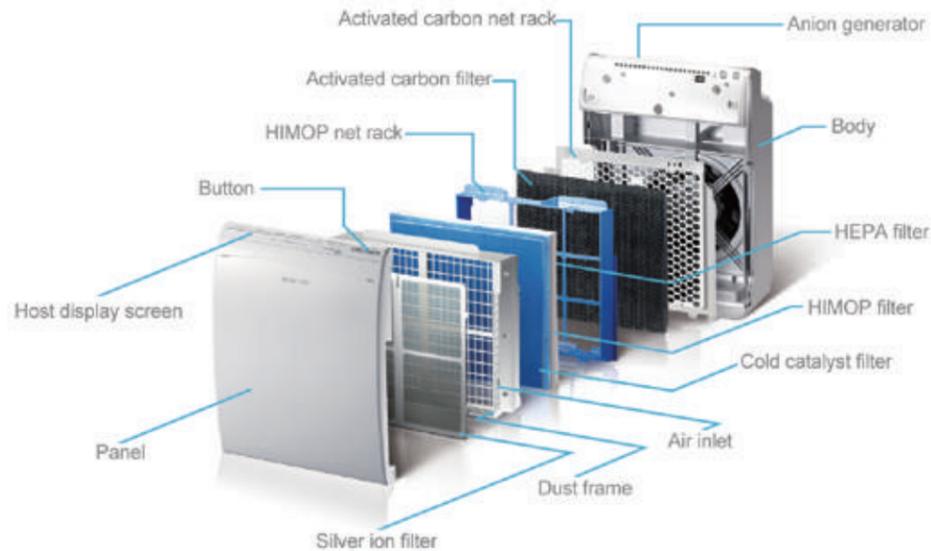
Air Purifier

2017 CATALOGUE
AIR CONDITIONERS



▶ HEPA high efficiency dedusting filter HEPA and HIMOP odor-free filter

Eliminate 99.97% of dust and almost 100% of cigarette. Focus on absorption of formaldehyde and other hazardous odor



▶ Anion Function

The unit can generate a lot of Anion, which not only can purify the air, but also make you less prone to anxiety and improving our quality of sleep.



Model	KJ320G-A01	
Power Supply	1Ph,220-240V,50Hz	
Function	Filter type	
Power Input	W	60
Rated Current	A	-
Airflow Volume	m ³ /h	320
Recommend Area	m ²	22.4-38.4
Sound Pressure Level	T/N/L/M	60
CADR	m ³ /h	80
Humidifying Volume	m ³ /h	160
Outline Dimension (W×H×D)	mm	-
Package Dimension (W×H×D)	mm	396×245×576
Net Weight/Gross Weight	kg	446×300×620
Outline Dimension		
Loading Quantity (40'GP)	sets	591
Loading Quantity (40'HQ)	sets	788

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Light Commercial

2017 CATALOGUE
AIR CONDITIONERS



► Slim body and flexible installation

Properly match with various indoor decorations and various buildings, meeting your needs for comfort. Installed on the floor or ceiling.



► Smart WiFi

Even though you are not in the room, you can remotely control the air conditioner via mobile phone, tablet computer or other mobile devices.



Model	GEH09AA-K3DNA1C		GEH12AA-K3DNA1C	GEH18AA-K3DNA1C
Function	Cooling/Heating		Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	8871	12000
	Heating	Btu/h	9383	12454
	Pdesignh	Btu/h	9212	11942
SEER/SCOP(A)		W/W	6.5/4.0	6.3/4.0
Energy Class			A++/A+	A+/A
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	700	1100
	Heating	W	740	1000
Rated Current	Cooling	A	5.3	6.2
	Heating	A	6.9	7.0
Airflow Volume	Indoor	m ³ /h	500/430/410/370/330/280/250	600
Indoor Unit				
Sound Power Level	Indoor	dB(A)(SHHML)	50/48/46/43/40/36/34	52/50/47/42
Outline Dimension	WxHxD	mm	700*600*215	700*600*215
Package Dimension	WxHxD	mm	788*697*283	788*697*283
Net Weight/Gross Weight	Indoor	kg	15/18	15/18
Outdoor Unit				
Sound Power Level	Outdoor	dB(A)	62	63
Piping Connection	Gas	mm	φ9.52	φ12
	Liquid	mm	φ6	φ6
Outline Dimension	WxHxD	mm	776*540*320	848*540*320
Package Dimension	WxHxD	mm	823*595*358	881*595*363
Net Weight/Gross Weight	Outdoor	kg	32/34.5	34/36.5
Loading Quantity	40'GP	sets	180	165
	40'HQ	sets	201	180

1. The product with * is under development, and the parameters are estimated, please refer to the value on nameplates.
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Console



Features: ○ Standard ● Optional

INVERTER R410A



Free-match 4

Memory Function	Compact Design	Easier Maintainability	Turbo Function	Inner Groove Copper	High Efficiency	Intelligent Defrosting	Self-diagnosis	Low Voltage Startup	24 Hour Timer	Child Lock
Comprehensive Protection	Wide Voltage Range	Wide Operation Range	Weekly Timer	Centralized Control	Long-distance Monitoring					

Features: ○ Standard ● Optional

Capacity Index(Btu/h)		7000	9000	12000	18000	21000	24000
Wall mounted Type	U-Crown						
	Hansol						
	Viola						
	Lomo						
	Cozy						
Duct type							
Cassette type							
Floor ceiling type							

- Free Match 4 has no 0.5W standby function, while it has electric heating belt;
- Capacity range from 14 to 42Btu/h can be widely used in residential house, hotel, business office and especially applicable in variable loading situation.

Control system lineup

Product series		Wall mounted type					Duct type	Cassette type	Floor ceiling type	Console type
Control system		U-Crown	Hansol	Lomo	Cozy	Viola				
Wireless remote controller	SAA1FB1	●								
	YAG1FB		●							
	YAN1F1			●						
	YB1FA(X-Fan)				●					
	YAA1FB1									●
	YT1F(moto)					●	●	●	●	
Wired controller	XK41/XK47	●								●
	XK76	●					●	●	●	●
	XK19						●	●	●	
Centralized controller	CE50-24/E	●					●	●	●	●

Features: ● Standard ● Optional

Item	Nominal operating condition(temperature)				Operation range(temperature)	
	Outdoor condition		Indoor condition		Outdoor condition Free Match 4	
	WB(°C)		DB(°C)		DB(°C)	
Cooling	35	24	27	19	-15~43	
Heating	7	6	20	15	-20~24	

8 combinations

One unit	Two units	
	7k	7k+7k
9k	7k+12k	9k+9k
12k	9k+12k	-

10 combinations

One unit	Two units	
	7k	7k+7k
9k	7k+12k	7k+18k
12k	9k+9k	9k+12k
-	12k+12k	-

18 combinations

Two units	Three units	
	7k+7k	7k+9k
7k+12k	7k+18k	7k+7k+12k
9k+9k	9k+12k	7k+9k+12k
9k+18k	12k+12k	9k+9k+9k
12k+18k	-	12k+12k+12k

23 combinations

Two units	Three units	
	7k+7k	7k+9k
7k+12k	7k+18k	7k+7k+12k
9k+9k	9k+12k	7k+9k+9k
9k+18k	12k+12k	7k+9k+18k
12k+18k	18k+18k	9k+9k+12k
-	-	9k+9k+18k
-	-	12k+12k+12k

40 combinations

Two units	Three units		Four units	
	7k+7k	7k+9k	7k+7k+7k	7k+7k+7k+7k
7k+12k	7k+18k	7k+7k+12k	7k+7k+18k	7k+7k+7k+18k
9k+9k	9k+12k	7k+9k+9k	7k+9k+12k	7k+7k+9k+12k
9k+18k	12k+12k	7k+9k+18k	7k+12k+12k	7k+7k+12k+12k
12k+18k	18k+18k	7k+12k+18k	9k+9k+9k	7k+9k+9k+12k
-	-	9k+9k+12k	9k+9k+18k	7k+9k+12k+12k
-	-	9k+12k+12k	9k+12k+18k	9k+9k+12k+12k
-	-	12k+12k+12k	12k+12k+18k	-

97 combinations

Two units	Three units		Four units	
	7k+12k	18k+18k	7k+7k+7k	7k+12k+21k
7k+18k	18k+21k	7k+7k+9k	7k+12k+24k	9k+12k+24k
7k+21k	18k+24k	7k+7k+12k	7k+18k+18k	9k+18k+18k
7k+24k	21k+21k	7k+7k+18k	7k+18k+21k	9k+18k+21k
9k+9k	21k+24k	7k+7k+21k	7k+18k+24k	9k+18k+24k
9k+12k	24k+24k	7k+7k+24k	7k+21k+21k	9k+21k+21k
9k+18k	-	7k+9k+9k	9k+9k+9k	12k+12k+12k
9k+21k	-	7k+9k+12k	9k+9k+12k	12k+12k+18k
9k+24k	-	7k+9k+18k	9k+9k+18k	12k+12k+21k
12k+12k	-	7k+9k+21k	9k+9k+21k	12k+12k+24k
12k+18k	-	7k+9k+24k	9k+9k+24k	12k+18k+18k
12k+21k	-	7k+12k+12k	9k+12k+12k	12k+18k+21k
12k+24k	-	7k+12k+18k	9k+12k+18k	12k+18k+24k

155 combinations

Two units	Three units		Four units		Five units	
	7k+18k	7k+7k+7k	7k+21k+21k	12k+12k+12k	7k+7k+7k+7k	7k+7k+9k+12k+12k
7k+21k	7k+7k+9k	7k+21k+24k	12k+12k+18k	7k+7k+9k+9k	7k+9k+9k+9k	7k+7k+7k+9k
7k+24k	7k+7k+12k	7k+24k+24k	12k+12k+21k	7k+7k+12k	7k+9k+9k+12k	7k+7k+7k+12k
9k+12k	7k+7k+18k	9k+9k+9	12k+12k+24k	7k+7k+18k	7k+12k+18k+21k	9k+9k+9k+12k
9k+18k	7k+7k+21k	9k+9k+12k	12k+18k+18k	7k+7k+21k	7k+9k+9k+21k	7k+7k+7k+21k
9k+21k	7k+7k+24k	9k+9k+18k	12k+18k+21k	7k+9k+9k+21k	7k+12k+18k+24k	9k+9k+9k+21k
9k+24k	7k+9k+9k	9k+9k+21k	12k+18k+24k	7k+9k+9k	7k+12k+21k+21k	9k+9k+9k+24k
12k+12k	7k+9k+12k	9k+9k+24k	12k+21k+21k	7k+9k+9k	7k+18k+18k+18k	9k+9k+12k+12k
12k+18k	7k+9k+18k	9k+12k+12k	12k+21k+24k	7k+9k+12k	-	9k+9k+12k+18k
12k+21k	7k+9k+21k	9k+12k+18k	12k+24k+24k	7k+9k+18k	7k+9k+12k+21k	9k+9k+12k+21k
12k+24k	7k+9k+24k	9k+12k+21k	18k+18k+18k	7k+9k+21k	7k+9k+18k+18k	9k+9k+18k+18k
18k+18k	7k+12k+12k	9k+12k+24k	18k+18k+21k	7k+9k+24k	7k+9k+18k+21k	9k+12k+12k+12k
18k+21k	7k+12k+18k	9k+18k+18k	18k+18k+24k	7k+9k+12k+12k	7k+12k+12k+12k	9k+12k+12k+18k
18k+24k	7k+12k+21k	9k+18k+21k	18k+21k+21k	7k+9k+18k	7k+12k+18k+18k	9k+12k+12k+21k
21k+21k	7k+12k+24k	9k+18k+24k	-	7k+9k+12k+21k	7k+12k+12k+21k	9k+12k+12k+24k
21k+24k	7k+18k+18k	9k+21k+21k	-	7k+9k+24k	7k+12k+12k+24k	9k+9k+9k+12k
24k+24k	7k+18k+21k	9k+21k+24k	-	7k+9k+18k	7k+12k+18k+18k	9k+9k+9k+18k
-	7k+18k+24k	7k+24k+24k	-	7k+9k+21k	-	9k+9k+18k+21k

Outdoor Unit

Model	GWHD(14)NK3DO		GWHD(18)NK3KO		GWHD(21)NK3KO		GWHD(24)NK3KO		GWHD(28)NK3KO		GWHD(36)NK3BO		GWHD(42)NK3AO	
Capacity	Cooling	Btu/h	14000	18000	21000	24000	28000	3526	41285	41285	41285	41285	41285	41285
	Heating	Btu/h	15000	18400	22000	29000	31800	37532	44400	44400	44400	44400	44400	44400
SEER	W/W		6.1	6.3	6.1	6.1	6.1	5.5	3.37	3.37	3.37	3.37	3.37	3.37
Power supply	Ph, V, Hz		1Ph, 220-240V, 50Hz											
Power Input	Cooling	kW	1.2	1.45	1.91	2.18	2.54	3.5	3.59	3.59	3.59	3.59	3.59	3.59
	Heating	kW	1.18	1.45	1.73	2.28	2.49	3.75	3.54	3.54	3.54	3.54	3.54	3.54
Refrigerant charge volume	kg		1.4	1.6	2.2	2.2	2.4	4.3	4.8	4.8	4.8	4.8	4.8	4.8
Air Pressure Level	m ³ /h		2600	3200	3200	4000	4000	5200	5500	5500	5500	5500	5500	5500
Sound pressure level	dB(A)		55	56	56	58	58	57	54	54	54	54	54	54
*Dimension (W×D×H)†	Outline	mm	898×598×378	955×398×700	955×398×700	980×790×427	980×790×427	1015×440×1103	1015×440×1103	1015×440×1103	1015×440×1103	1015×440×1103	1015×440×1103	1015×440×1103
	Package	mm	948×645×420	1029×750×458	1029×750×458	1083×488×855	1083×488×855	1158×493×1235	1158×493×1235	1158×493×1235	1158×493×1235	1158×493×1235	1158×493×1235	1158×493×1235
Net weight/Gross weight	kg		43/46	51/55.5	62/66.5	68/73	69/74	94/104	102/112	102/112	102/112	102/112	102/112	102/112
Connecting pipe diameter	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ12)	1/2(φ12)	1/2(φ12)	1/2(φ12)	1/2(φ12)	1/2(φ12)	
	W×H×D	inch(mm)	1/4 (φ6)											
Max. equivalent connection pipe length	m		10	10	20	20	20	20	25	25	25	25	25	
Maximum drive IDU NO.	unit		2	2	3	3	4	4	5	5	5	5	5	
Loading quantity	40'GP/40'HQ sets		204/272	171/171	171/171	96/144	96/144	48/96	48/96	48/96	48/96	48/96	48/96	

U-Crown

Model	GWH09UB-K3DNA4F		GWH12UB-K3DNA4F		GWH18UC-K3DNA4F	
Capacity	Cooling	Btu/h	9000	12000	18000	18000
	Heating	Btu/h	10200	12300	18000	18000
Power supply	Ph/V/Hz		1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz
Airflow Volume	m ³ /h		650/530/470/400/350/300/290	720/550/490/420/370/320/290	850/750/650/600/500/400/340	850/750/650/600/500/400/340
	GPM		383/312/277/235/200/177/171	424/324/288/247/218/188/171	500/440/383/353/294/235/200	500/440/383/353/294/235/200
Sound Pressure Level (SHHMMMLL/SL)	dB(A)		41/37/35/33/30/22/19	43/38/36/34/31/23/20	46/42/40/36/33/25/22	46/42/40/36/33/25/22
Connecting pipe	Gas	inch(mm)	1/2 (φ12)	1/2 (φ12)	1/2 (φ12)	1/2 (φ12)
	Liquid	inch(mm)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)
Dimension(W×D×H)	Outline	mm	860×305×170	860×305×170	960×320×205	960×320×205
	Package	mm	935×388×295	935×388×295	1043×403×333	1043×403×333
Net Weight /Gross Weight	kg		11.5/14	11.5/14	14/17	14/17
Loading Quantity	20'GP	set	276	276	210	210
	40' GP/40' HQ	set	566/674	566/674	439/499	439/499

Hansol



Model			GWH07TB-S3DNA1D1	GWH09TB-S3DNA1D1	GWH12TB-S3DNA1D1	GWH18TC-S3DNA1D1	GWH24TD-S3DNA1D1
Capacity	Cooling	Btu/h	7165	8871	12000	18084	23800
	Heating	Btu/h	8871	10236	13600	18425	24900
Power supply		Ph/V/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz/60Hz	1Ph,220-240V,50Hz
Airflow Volume	m³/h(SHHML)		800/490/420/370/330/290/230	850/600/550/500/450/400/350	750/650/580/520/470/420/350	950/870/790/710/630/560/480	1200/1130/1060/960/920/850/780
	CFM(SHHML)		353/288/247/218/194/171/135	383/353/324/294/265/235/206	441/383/341/308/277/247/206	558/512/465/418/371/330/282	706/665/624/583/541/500/459
Sound Pressure Level		dB(A)	38/36/32/30/29/28/26	43/36/34/32/30/28/26	43/36/34/32/30/28/26	46/44/42/40/38/36/34	51/50/46/44/42/40/37
Connecting pipe	Gas	inch(mm)	3/8 (φ9.52)	3/8 (φ9.52)	1/2 (φ12)	5/8 (φ16)	5/8 (φ16)
	Liquid	inch(mm)	1/4 (φ6)				
Dimension(W×H×D)	Outline	mm	866×292×209	866×292×209	866×292×209	1018×230×319	1178×326×264
	Package	mm	945×377×297	945×377×297	945×377×297	1097×340×397	1256×414×364
Net Weight /Gross Weight		kg	10/12	11.0/13.0	11.0/13.0	14.0/17.0	17.0/21.0
Loading Quantity	20'GP	sets	276	276	276	174	132
	40'GP/40'HQ	sets	553/632	553/632	566/640	366/427	276/322

Viola



Model			GWH07RB-K3DNA5G/I	GWH09RB-K3DNA5G/I	GWH12RB-K3DNA5G/I	GWH18RC-K3DNA5G/I	GWH24RD-K3DNA5G/I
Capacity	Cooling	Btu/h	7200	8880	12000	18000	22000
	Heating	Btu/h	8880	10240	13600	19790	24000
Power supply		Ph/V/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Air flow volume	m³/h(SHHML)		580/500/400/300	600/500/400/300	600/500/400/300	850/750/650/550	1000/800/700/550
	CFM(SHHML)		341/294/235/177	353/294/235/177	353/294/235/177	500/459/383/324	588/471/412/324
Sound Pressure Level		dB(A)(SHHML)	41/39/34/28	41/39/34/28	42/40/35/30	45/43/37/33	51/47/42/39
Connecting pipe	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)	5/8 (φ16)
	Liquid	inch(mm)	1/4 (φ6)				
Dimension(W×H×D)	Outline	mm	848x189x274	848x189x274	848x189x274	945x211x298	1018×233×315
	Package	mm	926x267x371	926x267x371	926x267x371	1013x383x300	1086×328×398
Net Weight /Gross Weight		kg	9.5/11.5	9.5/11.5	9.5/11.5	12.0/15.0	15/18.5
Loading Quantity	20'GP	sets	312	312	306	252	203
	40'HQ	sets	643/749	643/749	643/749	541/609	427/488

Lomo



Model			GWH07QB-K3DNA1G/I	GWH09QB-K3DNA1G/I	GWH12QC-K3DNA1G/I	GWH18QD-K3DNA1G/I	GWH24QE-K3DNA1G/I
Capacity	Cooling	Btu/h	7165	8880	12000	17500	22860
	Heating	Btu/h	8871	9550	12500	18000	24737
Power supply		Ph/V/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Air flow volume	m³/h(SHHML)		550/490/420/330	560/490/430/330	680/540/460/330	800/720/610/520	1150/1050/950/850
	CFM(SHHML)		324/288/247/194	324/288/247/194	388/318/271/194	471/424/359/306	677/618/559/500
Sound pressure level		dB(A)(SHHML)	38/36/32/26	55/52/44/38	42/39/33/26	46/42/39/36	48/45/42/39
Connecting pipe	Gas	inch(mm)	3/8 (φ9.52)	3/8 (φ9.52)	3/8 (φ9.52)	1/2 (φ12)	5/8 (φ16)
	Liquid	inch(mm)	1/4 (φ6)				
Dimension(W×H×D)	Outline	mm	790×200×257	790×200×257	845×209×289	970×300×224	1078×325×245
	Package	mm	866×271×367	866×271×367	921×281×379	1041×383×320	1148×413×350
Net Weight/Gross weight		kg	9/11	9/11	10.0/12.0	13.5/16.5	17/20.5
Loading quantity	20'GP	sets	334	334	294	229	172
	40'GP/40'HQ	sets	692/804	692/804	600/674	479/545	336/392

Duct Type Indoor Unit



Model			GFH(09)EA-K3DNA1A/I	GFH(12)EA-K3DNA1A/I	GFH(18)EA-K3DNA1A/I	GFH(21)EA-K3DNA1A/I	GFH(24)EA-K3DNA1A/I
Capacity	Cooling	Btu/h	8530	11940	17060	20470	24230
	Heating	Btu/h	9550	13140	18770	22520	27300
Power supply		Ph/V/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Air flow volume	m³/h		450	500	700	1000	1000
	CFM		265	294	412	589	588.5
Sound pressure level		dB(A)(HL)	37/31	39/32	41/33	42/34	42/34
Connecting pipe	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)	5/8(φ16)	5/8(φ16)
	Liquid	inch(mm)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	3/8(φ9.52)	3/8(φ9.52)
Dimension(W×D×H)	Outline	mm	700×615×200	700×615×200	900×615×200	1100×615×200	1100×615×200
	Package	mm	893×743×305	893×743×305	1123×743×305	1323×743×305	1323×743×305
Net Weight/Gross weight		kg	22/27	23/29	27/36	31/41	31/41
Loading Quantity	20'GP	sets	108	108	90	72	72
	40'GP/40'HQ	sets	234/234	234/234	180/180	162/162	162/162

1. The product with * is under development, and the parameters are estimated, please refer to the value on nameplates.
 2. Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.

Cozy



Model			GWH07MB-K3DNE3G/I	GWH09MB-K3DNE3G/I	GWH12MB-K3DNE3G/I	GWH18MC-K3DNE3G/I	GWH24MD-K3DNE3G/I
Capacity	Cooling	Btu/h	7200	8900	19000	18100	22000
	Heating	Btu/h	8900	9600	13000	19800	24000
Power supply		Ph/V/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Airflow Volume	m³/h(SHHML)		580/500/400/300	600/500/400/300	850/5780/650/550	850	1000/800/700/550
	CFM(SHHML)		341/294/235/177	353/294/235/177	500/459/383/324	500	588/471/412/324
Sound pressure level		dB(A)(SHHML)	41/39/34/28	42/39/34/28	42/40/35/30	45/43/37/33	51/47/42/39
Connecting pipe	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)	5/8 (φ16)
	Liquid	inch(mm)	1/4 (φ6)				
Dimension(W×H×D)	Outline	mm	845×180×275	845×180×275	845x180x275	940x200x295	1007×315×219
	Package	mm	918×370×258	918×370×258	918×370×258	1013x383x300	1076×398×328
Net Weight/Gross weight		kg	9/12	9/12	9/12	12.0/15.0	15/18.5
Loading quantity	20'GP	sets	336	336	336	254	210
	40'GP/40'HQ	sets	684×798	684×798	684/798	541/609	434/496

Cassette Type Indoor Unit



Model			GKH(12)BA-K3DNA2A/I	GKH(18)BA-K3DNA2A/I	GKH(24)BA-K3DNA1A/I
Capacity	Cooling	Btu/h	11942	15354	24225
	Heating	Btu/h	13648	17060	27296
Power supply		Ph/V/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Air flow volume		m ³ /h	680	600	1180
		CFM	420	353	694
Sound pressure level		dB(A)HLM	46	46	39/37/35
Main body	Dimension (W×D×H)	Outline	mm	570×570×230	570×570×230
		Package	mm	851×731×325	851×731×325
Panel	Dimension (W×D×H)	Outline	mm	650×650×50	650×650×50
		Package	mm	733×673×117	733×673×117
Loading quantity	20'GP	sets	102	102	40
		40'GP/40'HQ	sets	209/246	209/246

Floor Ceiling Type Indoor Unit



Model			GTH(09)BA-K3DNA1A/I	GTH(12)BA-K3DNA1A/I	GTH(18)BA-K3DNA1A/I	GTH(24)BA-K3DNA1A/I
Capacity	Cooling	Btu/h	85302	11942	17060	24225
	Heating	Btu/h	9554	13136	18766	27296
Power supply		Ph/V/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Airflow volume		m ³ /h	650	650	950	1250
		CFM	383	382	559	736
Sound pressure level (SHHMMLL/SL)		dB(A)	40/36	40/36	45/40	48/40
Connecting pipe	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)	5/8(φ16)
	Liquid	inch(mm)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	3/8(φ9.52)
Dimension(WxHxD)	Outline	mm	1220×700×225	1220×700×225	1220×700×225	1220×700×225
	Package	mm	1343×823×355	1343×823×315	1343×823×315	1343×823×315
Net weight/Gross weight		kg	40/50	40/50	40/50	45/54
Loading quantity	20'GP	sets	48	48	48	48
	40' GP/40' HQ	sets	96/96	96/96	96/96	96/96

1. The product with * is under development, and the parameters are estimated, please refer to the value on nameplates.
2. Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.

Super Free Match



Capacity range from 42K Btu/h to 56K Btu/h can be widely used in residential house, hotel, business office and especially applicable in variable loading situation.



- High efficiency
- Intelligent Defrosting
- Comprehensive protection
- Compact design
- Easier maintainability
- Inner groove copper
- 'Turbo' Button
- Self-Diagnosis
- Low voltage startup
- Timer
- Lock
- Wide operation range
- Auto Restart
- Wide voltage range
- Centralized control
- Weekly timer
- Long-distance monitoring

Features: ○ Standard ● Optional

- Power supply startup delay design, lower the unit starting current.
- High efficiency thanks to DC inverter compressor.
- The lowest noise thanks to advanced technology.
- The system could run stably under hard operation conditions.
- Connection pipe up to 145 meter length that convient on installation.
- Stably heating under -15°C environment temperature. (only for the unit CUHD*C10)

GWHD**NK3CO

Item	Nominal operating condition(temperature)				Operation range(temperature)	
	Outdoor condition		Indoor condition			Outdoor condition
	DB(°C)	WB(°C)	DB(°C)	WB(°C)		
Cooling	35	24	27	19	-15~48	
Heating	7	6	20	15	-20~24	

GWHD**NM3DO

Item	Nominal operating condition(temperature)				Operation range(temperature)	
	Outdoor condition		Indoor condition			Outdoor condition
	DB(°C)	WB(°C)	DB(°C)	WB(°C)		
Cooling	35	24	27	19	18~48	
Heating	7	6	20	15	-10~24	

163 Combinations

Item	Two units		Three units		Four units		Five units		Six units
	7+18	7+7+7	7+18+24	9+21+24	7+7+7+7	7+7+18+21	7+12+18+18	7+7+7+7+7	7+7+7+7+7+7
GWHD(42S)NK3CO (2 to 6)	7+21	7+7+9	7+21+21	12+12+12	7+7+7+9	7+7+18+24	9+9+9+9	7+7+7+7+9	7+7+9+12+12
	7+24	7+7+12	7+21+24	12+12+18	7+7+7+12	7+9+9+9	9+9+9+12	7+7+7+7+12	7+7+9+12+18
	9+12	7+7+18	7+24+24	12+12+21	7+7+7+18	7+9+9+12	9+9+9+18	7+7+7+7+18	7+7+9+12+21
	9+18	7+7+21	9+9+9	12+12+24	7+7+7+21	7+9+9+18	9+9+9+21	7+7+7+7+21	7+7+9+12+24
	9+21	7+7+24	9+9+12	12+18+18	7+7+7+24	7+9+9+21	9+9+9+24	7+7+7+7+24	7+7+12+12+18
	9+24	7+9+9	9+9+18	12+18+21	7+7+9+9	7+9+9+24	9+9+12+12	7+7+7+9+9	7+9+9+9+9
	12+12	7+9+12	9+9+21	12+18+24	7+7+9+9	7+9+9+24	9+9+12+18	7+7+7+9+12	7+9+9+9+12
	12+18	7+9+18	9+9+24	12+21+21	7+7+9+12	7+9+12+18	9+9+12+21	7+7+7+9+18	7+9+9+9+18
	12+21	7+9+21	9+12+12	-	7+7+9+18	7+9+12+24	9+9+12+24	7+7+7+9+21	7+9+9+9+21
	12+24	7+9+24	9+12+18	-	7+7+9+21	7+9+12+24	9+9+12+24	7+7+7+9+24	7+9+9+9+24
	18+18	7+12+12	9+12+21	-	7+7+9+24	7+9+12+24	9+9+12+18	7+7+7+9+24	7+9+9+9+24
	18+21	7+12+18	9+12+24	-	7+7+12+12	7+9+12+24	9+9+12+18	7+7+7+12+18	7+9+9+9+12
	18+24	7+12+24	9+18+18	-	7+7+12+18	7+12+12+12	9+12+12+21	7+7+7+12+21	7+9+9+9+12
	21+21	7+12+21	9+18+21	-	7+7+12+21	7+12+12+18	9+12+12+12	7+7+7+12+21	7+9+9+9+12
	21+24	7+18+18	9+18+24	-	7+7+12+24	7+12+12+18	12+12+12+18	7+7+7+12+24	7+9+9+9+12
		7+18+21	9+21+21	-	7+7+18+18	7+12+12+24	-	7+7+7+18+18	9+9+9+9+9

288 Combinations

Item	Two units		Three units		Four units			
	7+18	7+7+12	9+9+9	12+18+18	7+7+7+7	7+7+21+24	7+12+12+21	9+9+18+21
GWHD(48S)NK3CO (2 to 8)	7+21	7+7+18	9+9+12	12+18+21	7+7+7+9	7+7+24+24	7+12+12+24	9+9+18+24
	7+24	7+7+21	9+9+18	12+18+24	7+7+7+12	7+9+9+9	7+12+18+18	9+9+21+21
	9+12	7+7+24	9+9+21	12+21+21	7+7+7+18	7+9+9+12	7+12+18+21	9+9+21+24
	9+18	7+9+9	9+9+24	12+21+24	7+7+7+21	7+9+9+18	7+12+18+24	9+12+12+21
	9+24	7+9+12	9+12+12	12+24+24	7+7+7+24	7+9+9+21	7+12+21+21	9+12+12+18
	12+12	7+9+18	9+12+18	18+18+18	7+7+9+9	7+9+9+24	7+12+21+24	9+12+12+21
	12+18	7+9+21	9+12+21	18+18+21	7+7+9+12	7+9+12+12	7+18+18+18	9+12+12+24
	12+21	7+9+24	9+12+24	18+18+24	7+7+9+18	7+9+12+18	7+18+18+21	9+12+18+18
	12+24	7+12+12	9+18+18	18+21+21	7+7+9+21	7+9+12+21	9+9+9+9	9+12+18+21
	18+18	7+12+18	9+18+21	18+21+24	7+7+9+24	7+9+12+24	9+9+9+12	9+12+18+24
	18+21	7+12+21	9+18+24	21+21+21	7+7+12+12	7+9+18+18	9+9+9+18	9+12+21+21
	18+24	7+12+24	9+21+21	-	7+7+12+18	7+9+18+21	9+9+9+21	9+18+18+18
	21+21	7+18+18	9+21+24	-	7+7+12+21	7+9+18+24	9+9+9+24	12+12+12+12
	21+24	7+18+21	9+24+24	-	7+7+12+24	7+9+21+21	9+9+12+12	12+12+12+18
	24+24	7+18+24	12+12+12	-	7+7+18+18	7+9+21+24	9+9+12+18	12+12+12+21
	-	7+21+21	12+12+18	-	7+7+18+21	7+9+24+24	9+9+12+21	12+12+12+24
-	7+21+24	12+12+21	-	7+7+18+24	7+12+12+12	9+9+12+24	12+12+18+18	
-	7+24+24	12+12+24	-	7+7+21+21	7+12+12+18	9+9+18+18	12+12+18+21	

288 Combinations

Item	Five units				Six units			Seven units		Eight units
	7+7+7+7+7	7+7+9+9+12	7+9+9+9+24	9+9+9+12+12	7+7+7+7+7+7	7+7+7+9+9+24	7+9+9+9+12+12	7+7+7+7+7+7+7	7+9+9+9+9+9+9	
GWHD(48S)NK3CO (2 to 8)	7+7+7+7+9	7+7+9+9+18	7+9+9+12+12	9+9+9+12+18	7+7+7+7+7+9	7+7+7+9+9+24	7+9+9+9+12+12	7+7+7+7+7+7+9	7+9+9+9+9+9+12	
	7+7+7+7+12	7+7+9+9+21	7+9+9+12+18	9+9+9+12+21	7+7+7+7+7+12	7+7+7+9+9+24	7+9+9+9+12+18	7+7+7+7+7+7+12	7+9+9+9+9+9+9	
	7+7+7+7+18	7+7+9+9+24	7+9+9+12+21	9+9+9+12+24	7+7+7+7+7+18	7+7+7+9+9+24	7+9+9+9+12+12	7+7+7+7+7+7+18	7+7+7+7+7+7+7+7	
	7+7+7+7+21	7+7+9+12+12	7+9+9+12+24	9+9+9+18+18	7+7+7+7+7+21	7+7+7+9+9+24	7+9+12+12+12+12	7+7+7+7+7+7+21	7+7+7+7+7+7+7+9	
	7+7+7+7+24	7+7+9+12+18	7+9+9+18+18	9+9+12+12+12	7+7+7+7+7+24	7+7+7+9+9+24	9+9+9+9+9+9	7+7+7+7+7+7+24	7+7+7+7+7+7+7+12	
	7+7+7+9+9	7+7+9+12+21	7+9+9+18+21	9+9+12+12+12	7+7+7+7+9+9	7+7+7+12+12+12	9+9+9+9+9+12	7+7+7+7+7+9+9	7+7+7+7+7+7+9+9	
	7+7+7+9+12	7+7+9+12+24	7+9+12+12+12	9+9+12+12+18	7+7+7+7+9+12	7+7+7+12+12+18	9+9+9+9+9+18	7+7+7+7+7+9+12	7+7+7+7+7+7+9+12	
	7+7+7+9+18	7+7+9+18+18	7+9+12+12+18	9+9+12+12+21	7+7+7+7+9+18	7+7+7+9+9+9	9+9+9+9+12+12	7+7+7+7+7+9+18	7+7+7+7+7+9+9+9	
	7+7+7+9+21	7+7+9+18+21	7+9+12+12+21	9+12+12+12+12	7+7+7+7+9+21	7+7+7+9+9+12	9+9+9+12+12+12	7+7+7+7+7+9+21	7+7+7+7+7+9+9+9	
	7+7+7+9+24	7+7+9+18+24	7+9+12+12+24	9+12+12+12+18	7+7+7+7+9+24	7+7+7+9+9+18	9+9+9+12+12+18	7+7+7+7+7+9+24	7+7+7+7+7+9+9+9	
	7+7+7+12+12	7+7+12+12+18	7+12+12+12+12	12+12+12+12+12	7+7+7+7+12+12	7+7+7+9+9+18	9+9+9+12+12+12	7+7+7+7+7+12+12	7+7+7+7+7+9+9+9	
	7+7+7+12+18	7+7+12+12+21	7+12+12+12+18	-	7+7+7+7+12+18	7+7+7+9+9+18	9+9+9+12+12+12	7+7+7+7+7+12+18	7+7+7+7+7+9+9+9	
	7+7+7+12+21	7+7+12+12+24	7+12+12+12+21	-	7+7+7+7+12+21	7+7+7+9+9+18	9+9+9+12+12+12	7+7+7+7+7+12+21	7+7+7+7+7+9+9+9	
	7+7+7+12+24	7+7+12+18+18	7+12+12+12+24	-	7+7+7+7+12+24	7+7+7+9+9+18	9+9+9+12+12+12	7+7+7+7+7+12+24	7+7+7+7+7+9+9+9	
	7+7+7+18+18	7+9+9+9+9	9+9+9+9+12	-	7+7+7+7+18+18	7+7+7+9+9+18	9+9+9+12+12+12	7+7+7+7+7+18+18	7+7+7+7+7+9+9+9	
	7+7+7+18+21	7+9+9+9+12	9+9+9+9+18	-	7+7+7+7+18+21	7+7+7+9+9+18	9+9+9+12+12+12	7+7+7+7+7+18+21	7+7+7+7+7+9+9+9	
7+7+7+18+24	7+9+9+9+18	9+9+9+9+21	-	7+7+7+7+18+24	7+7+7+9+9+18	9+9+9+12+12+12	7+7+7+7+7+18+24	7+7+7+7+7+9+9+9		
7+7+9+9+9	7+9+9+9+21	9+9+9+9+24	-	7+7+7+9+9+9	7+7+7+9+9+18	9+9+9+12+12+12	7+7+7+9+9+9+9	7+7+7+9+9+9+9+9		

448 Combinations

Item	Two units		Three units			Four units						
	7+18	7+7+18	7+21+24	9+24+24	18+21+24	7+7+7+7	7+7+12+24	7+9+12+24	7+12+21+21	9+9+12+21	9+12+21+21	12+12+18+24
GWHD(56S)NK3CO (2 to 9)	7+21	7+7+21	7+24+24	12+12+12	18+24+24	7+7+7+9	7+7+18+18	7+9+18+18	7+18+18+24	9+9+12+24	9+12+21+24	12+12+21+21
	7+24	7+7+24	9+9+12	12+12+18	21+21+21	7+7+7+12	7+7+18+21	7+9+18+21	7+18+18+21	9+9+18+18	9+12+24+24	12+12+21+24
	9+18	7+9+12	9+9+18	12+12+21	21+21+24	7+7+7+18	7+7+18+24	7+9+18+24	7+18+18+24	9+9+18+21	9+18+18+18	12+12+24+24
	9+21	7+9+18	9+9+21	12+12+24	21+24+24	7+7+7+21	7+7+21+21	7+9+21+21	7+18+21+21	9+9+18+24	9+18+18+21	12+18+18+18
	9+24	7+9+21	9+9+24	12+18+18	24+24+24	7+7+7+24	7+7+21+24	7+9+21+24	7+18+21+24	9+9+21+21	9+18+18+24	12+18+18+21
	12+18	7+9+24	9+12+12	12+18+21	-	7+7+9+9	7+7+24+24	7+9+24+24	7+18+24+24	9+9+21+24	9+18+21+21	12+18+18+24
	12+21	7+12+12	9+12+18	12+18+24	-	7+7+9+9	7+9+9+9	7+12+12+12	7+21+21+21	9+9+24+24	9+18+21+24	12+18+21+21
	12+24	7+12+18	9+12+21	12+21+21	-	7+7+9+12	7+9+9+12	7+12+12+18	7+12+12+18	9+9+9+9	9+12+12+12	9+21+21+21
	18+18	7+12+21	9+12+24	12+21+24	-	7+7+9+18	7+9+9+18	7+12+12+21	9+9+9+12	9+12+12+18	12+12+12+12	-
	18+21	7+12+24	9+18+18	12+24+24	-	7+7+9+21	7+9+9+21	7+12+12+24	9+9+9+18	9+12+12+21	12+12+12+18	-
	18+24	7+18+18	9+18+21	18+18+18	-	7+7+9+24	7+9+9+24	7+12+18+18	9+9+9+21	9+12+12+24	12+12+12+21	-
	21+21	7+18+21	9+18+24	18+18+21	-	7+7+12+12	7+9+12+12	7+12+18+21	9+9+9+24	9+12+18+18	12+12+12+24	-
	21+24	7+18+24	9+21+21	18+18+24	-	7+7+12+18	7+9+12+18	7+12+18+24	9+9+12+12	9+12+18+21	12+12+18+18	-
	24+24	7+21+21	9+21+24	18+21+21	-	7+7+12+21	7+9+12+21	7+12+21+21	9+9+12+18	9+12+18+24	12+12+18+21	-

		Six units					
		7+7+7+7+7	7+7+7+9+12+12	7+7+9+9+12+18	7+9+9+12+12+18	12+12+12+12+12+12	
		7+7+7+7+7+9	7+7+7+9+12+12	7+7+9+9+12+21	7+9+9+12+12+21	-	
		7+7+7+7+7+12	7+7+7+9+12+18	7+7+9+9+12+24	7+9+12+12+12+12	-	
		7+7+7+7+7+18	7+7+7+9+12+24	7+7+9+9+18+18	7+9+12+12+12+18	-	
		7+7+7+7+7+21	7+7+7+9+12+24	7+7+9+9+18+21	7+12+12+12+12+12	-	
		7+7+7+7+7+24	7+7+7+9+18+18	7+7+9+12+12+12	9+9+9+9+9+9	-	
		7+7+7+7+9+9	7+7+7+9+18+21	7+7+9+12+12+18	9+9+9+9+9+12	-	
		7+7+7+7+9+12	7+7+7+9+18+24	7+7+9+12+12+21	9+9+9+9+9+18	-	
		7+7+7+7+9+18	7+7+7+9+21+21	7+7+9+12+12+24	9+9+9+9+9+21	-	
		7+7+7+7+9+21	7+7+7+12+12+12	7+7+9+12+18+18	9+9+9+9+9+24	-	
		7+7+7+7+9+24	7+7+7+12+12+18	7+9+9+9+9+9	9+9+9+9+12+12	-	
		7+7+7+7+12+12	7+7+7+12+12+21	7+9+9+9+9+12	9+9+9+9+12+18	-	
		7+7+7+7+12+18	7+7+7+12+12+24	7+9+9+9+9+18	9+9+9+9+12+21	-	
		7+7+7+7+12+21	7+7+7+12+18+18	7+9+9+9+9+21	9+9+9+9+12+24	-	
		7+7+7+7+12+24	7+7+7+18+18+18	7+9+9+9+9+24	9+9+9+9+18+18	-	
		7+7+7+7+18+18	7+7+9+9+9+9	7+9+9+9+12+12	9+9+9+12+12+12	-	
		7+7+7+9+9+9	7+7+9+9+9+12	7+9+9+9+12+18	9+9+9+12+12+18	-	
		7+7+7+9+9+12	7+7+9+9+9+18	7+9+9+9+12+21	9+9+9+12+12+21	-	
		7+7+7+9+9+18	7+7+9+9+9+21	7+9+9+9+12+24	9+9+12+12+12+12	-	
		7+7+7+9+9+21	7+7+9+9+9+24	7+9+9+9+18+18	9+9+12+12+12+18	-	
		7+7+7+9+9+24	7+7+9+9+12+12	7+9+9+12+12+12	9+12+12+12+12+12	-	

		Seven units			Eight units			Nine units		
		7+7+7+7+7+7+7	7+7+7+7+9+9+21	7+7+9+9+9+9+12	7+7+7+7+7+7+7+7	7+7+7+9+9+9+9+9	7+7+7+7+7+7+7+7+7			
		7+7+7+7+7+7+9	7+7+7+7+9+9+24	7+7+9+9+9+9+18	7+7+7+7+7+7+7+9	7+7+7+9+9+9+9+12	7+7+7+7+7+7+7+9+9			
		7+7+7+7+7+7+12	7+7+7+7+9+12+12	7+7+9+9+9+9+21	7+7+7+7+7+7+7+12	7+7+7+9+9+9+9+15	7+7+7+7+7+7+7+12+12			
		7+7+7+7+7+7+18	7+7+7+7+9+18+18	7+7+9+9+9+9+24	7+7+7+7+7+7+7+18	7+7+7+9+9+9+9+18	7+7+7+7+7+7+7+18+18			
		7+7+7+7+7+7+21	7+7+7+7+9+21+21	7+7+9+9+9+9+27	7+7+7+7+7+7+7+21	7+7+7+9+9+9+9+21	7+7+7+7+7+7+7+21+21			
		7+7+7+7+7+7+24	7+7+7+7+9+24+24	7+7+9+9+9+9+30	7+7+7+7+7+7+7+24	7+7+7+9+9+9+9+24	7+7+7+7+7+7+7+24+24			
		7+7+7+7+7+9+9	7+7+7+7+9+12+12+12	7+7+9+9+9+9+15	7+7+7+7+7+7+7+9+9	7+7+7+9+9+9+9+12	7+7+7+7+7+7+7+9+9+9			
		7+7+7+7+7+9+12	7+7+7+7+9+18+18	7+7+9+9+9+9+18	7+7+7+7+7+7+7+9+12	7+7+7+9+9+9+9+15	7+7+7+7+7+7+7+9+12+12			
		7+7+7+7+7+9+18	7+7+7+7+9+21+21	7+7+9+9+9+9+21	7+7+7+7+7+7+7+9+18	7+7+7+9+9+9+9+18	7+7+7+7+7+7+7+9+18+18			
		7+7+7+7+7+9+21	7+7+7+7+9+24+24	7+7+9+9+9+9+24	7+7+7+7+7+7+7+9+21	7+7+7+9+9+9+9+21	7+7+7+7+7+7+7+9+21+21			
		7+7+7+7+7+9+24	7+7+7+7+9+27+27	7+7+9+9+9+9+27	7+7+7+7+7+7+7+9+24	7+7+7+9+9+9+9+24	7+7+7+7+7+7+7+9+24+24			
		7+7+7+7+7+12+12	7+7+7+7+9+12+12+12	7+7+9+9+9+9+15	7+7+7+7+7+7+7+12+12	7+7+7+9+9+9+9+15	7+7+7+7+7+7+7+12+12+12			
		7+7+7+7+7+12+18	7+7+7+7+9+18+18	7+7+9+9+9+9+18	7+7+7+7+7+7+7+12+18	7+7+7+9+9+9+9+18	7+7+7+7+7+7+7+12+18+18			
		7+7+7+7+7+12+21	7+7+7+7+9+21+21	7+7+9+9+9+9+21	7+7+7+7+7+7+7+12+21	7+7+7+9+9+9+9+21	7+7+7+7+7+7+7+12+21+21			
		7+7+7+7+7+12+24	7+7+7+7+9+24+24	7+7+9+9+9+9+24	7+7+7+7+7+7+7+12+24	7+7+7+9+9+9+9+24	7+7+7+7+7+7+7+12+24+24			
		7+7+7+7+7+18+18	7+7+7+7+9+21+21	7+7+9+9+9+9+21	7+7+7+7+7+7+7+18+18	7+7+7+9+9+9+9+21	7+7+7+7+7+7+7+18+18+18			
		7+7+7+7+7+18+21	7+7+7+7+9+24+24	7+7+9+9+9+9+24	7+7+7+7+7+7+7+18+21	7+7+7+9+9+9+9+24	7+7+7+7+7+7+7+18+21+21			
		7+7+7+7+7+18+24	7+7+7+7+9+27+27	7+7+9+9+9+9+27	7+7+7+7+7+7+7+18+24	7+7+7+9+9+9+9+27	7+7+7+7+7+7+7+18+24+24			
		7+7+7+7+7+18+27	7+7+7+7+9+30+30	7+7+9+9+9+9+30	7+7+7+7+7+7+7+18+27	7+7+7+9+9+9+9+30	7+7+7+7+7+7+7+18+27+27			
		7+7+7+7+7+18+30	7+7+7+7+9+33+33	7+7+9+9+9+9+33	7+7+7+7+7+7+7+18+30	7+7+7+9+9+9+9+33	7+7+7+7+7+7+7+18+30+30			

Outdoor Unit

Model	Heat Pump		GWHD(42S)NK3CO	GWHD(48S)NK3CO	GWHD-48S-NM3DO	GWHD(56S)NK3CO	GWHD-56S-NM3DO
Capacity	Cooling	Btu/h	42000	47800	47800	52900	54600
	Heating	Btu/h	42700	53000	54600	59700	61400
Power supply		Ph,V/Hz	1/220-240/50	1/220-240/50	3Ph,380-415V,50Hz	1/220-240/50	3Ph,380-415V,50Hz
Power input	Cooling	kW	4.10	4.90	4.60	5.30	5.20
	Heating	kW	3.70	4.30	4.25	4.80	4.70
Refrigerant charge volume		kg	4.95	4.95	4.95	4.95	4.95
Air Pressure Level		m ³ /h	6400	6400	6600	7000	6600
Sound pressure level		dB(A)	55	55	58	58	58
Dimension(W×D×H)	Outline	mm	900×340×1345	900×340×1345	900×340×1345	900×340×1345	900×340×1345
	Package	mm	993×453×1500	993×453×1500	993×453×1500	993×453×1500	993×453×1500
Net weight/Gross weight		kg	116/125	116/125	121/132	116/125	121/132
Connecting pipe diameter	Gas	inch(mm)	φ5/8(15.9)	φ5/8(15.9)	φ16	φ5/8(15.9)	φ19
	Liquid	inch(mm)	φ3/8(9.52)	φ3/8(9.52)	φ9.52	φ3/8(9.52)	φ9.52
Max. equivalent connection pipe length		m	115	135	135	145	145
Maximum drive IDU NO.		unit	8	8	8	9	9
Loading quantity	40'GP/40'HQ	sets	50/50	50/50	50/50	50/50	50/50

1. The product with * is under development, and the parameters are estimated, please refer to the value on nameplates.
2. Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.

BU Module

Model			FXA2A-K	FXA2B-K	FXA3A-K	FXA3B-K	FXB3A-K	FXB5A-K
Fuse current		A	3.15	3.15	3.15	3.15	3.15	3.15
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Dimension(W×D×H)	Outline	mm	361×313×182	361×313×182	361×313×182	361×313×182	513×312×193	513×312×193
	Package	mm	683×392×258	683×392×258	683×392×258	683×392×258	676×473×268	676×473×268
Connection Method			Flare	Braze	Flare	Braze	Flare	Flare
Net weight/Gross weight		kg	6.5/8.3	6.5/8.3	7.0/9.0	7.0/9.0	8.0/10.0	9.0/11.0
Connecting pipe diameter (to IDU)	Gas	inch(mm)	φ3/8(9.52)	φ3/8(9.52)	φ3/8(9.52)	φ3/8(9.52)	φ3/8(9.52)	φ3/8(9.52)
	Liquid	inch(mm)	φ1/4(6.35)	φ1/4(6.35)	φ1/4(6.35)	φ1/4(6.35)	φ1/4(6.35)	φ1/4(6.35)
Connecting pipe diameter (to ODU)	Gas	inch(mm)	φ5/8(15.9)	φ5/8(15.9)	φ5/8(15.9)	φ5/8(15.9)	φ5/8(15.9)	φ5/8(15.9)
	Liquid	inch(mm)	φ3/8(9.52)	φ3/8(9.52)	φ3/8(9.52)	φ3/8(9.52)	φ3/8(9.52)	φ3/8(9.52)
Maximum connect IDU NO.		unit	2	2	3	3	3	5
Loading quantity	40'GP	sets	294	294	294	294	246	246
	40'HQ	sets	294	294	294	294	246	246
Max. Equivalent		m	15	15	15	15	15	15

Wall Mounted Indoor Unit

Hansol



Model			GWHD(07)JA-K3DNA1E/I	GWHD(09)JA-K3DNA1E/I	GWHD(12)TB-K3DNA1E/I	GWHD(18)TC-K3DNA1E/I
Capacity	Cooling	Btu/h	7165	8530	11942	18084
	Heating	Btu/h	8871	9383	12454	19107
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Airflow volume		m ³ /h	550/490/370/290	550/490/370/290	770/670/530/410	950/870/710/560
		CFM	324/288/218/171	324/288/218/171	430/394/312/241	559/512/418/330
Sound pressure level		dB(A)	41/36/34/32/28/24/21	41/36/34/32/28/24/21	43/36/34/32/28/24/21	49/44/41/39/36/33/30
Connecting pipe	Gas	inch(mm)	φ3/8(9.52)	φ3/8(9.52)	φ1/2(12.7)	φ5/8(15.9)
	Liquid	inch(mm)	φ1/4(6.35)	φ1/4(6.35)	φ1/4(6.35)	φ1/4(6.35)
Dimension(W×H×D)	Outline	mm	806×209×292	806×209×292	866×209×292	1018×230×319
	Package	mm	888×297×377	888×297×377	945×297×377	1097×340×397
Net weight/Gross weight		kg	10.5/13.0	10.5/13.0	11.0/13.5	15.0/18.5
Loading quantity	20'GP	sets	266	266	252	174
	40' GP/40' HQ	sets	553/632	553/632	518/592	366/427

Lomo



Model			GWHD07QA-K3DNA5C/I	GWHD09QB-K3DNA1G/I	GWHD12QC-K3DNA1G/I	GWHD18QD-K3DNA1G/I	GWHD24QE-K3DNA1G/I
Capacity	Cooling	Btu/h	7506	8871	12000	17500	22900
	Heating	Btu/h	7848	9600	12500	18000	24800
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Airflow Volume	Indoor	m ³ /h	500/420/390/300	560/490/430/330	660/540/460/330	800/720/610/520	1150/1050/950/850
Sound Power Level	Indoor	dB(A)	40/36/34/24	55/52/44/38	57/53/45/42	58/54/51/48	64/59/56/53
Outline Dimension	W×H×D	mm	713×270×195	790×275×200	845×289×209	970×300×224	1078×325×246
	Package Dimension	mm	776×268×362	866×367×271	921×379×281	1041×383×320	1148×413×350
Net Weight/Gross Weight	Indoor	kg	8.5/10	9/11	10/12	13.5/16.5	17/20.5
Piping Connection	Gas	mm	φ9.52	φ9.52	φ9.52	φ12	φ16
	Liquid	mm	φ6	φ6	φ6	φ6	φ6
Loading Quantity	40'GP	sets	299	223	210	127	118
	40'HQ	sets	328	256	244	146	131

Viola



Model		GWH(07)RA-K3DNA3E/I		GWH(09)RA-K3DNA3E/I		GWH(12)RB-K3DNA3E/I		GWH(18)RC-K3DNA3E/I		GWH(24)RC-K3DNA1A/I	
Capacity	Cooling	Btu/h	7200	8900	11900	18100	22000				
	Heating	Btu/h	8900	9600	13000	19800	24200				
Power supply		PhV/Hz	1/220~240/50		1/220~240/50		1/220~240/50		1/220~240/50		
Airflow volume		m ³ /h	500/420/400/300	500/420/400/300	630/530/430/320	850/780/650/500	/				
		CFM	294/247/235/177	294/247/235/177	371/312/253/194	500/459/383/294	588				
Sound pressure level		dB(A)	40/37/35/32/-	40/37/35/32/-	42/39/36/33/-	45/42/37/33/-	48/46/44/42/-				
Connecting pipe		Gas	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	Φ1/2(12.7)	Φ5/8(15.9)			
		Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ3/8(9.52)			
Dimension(WxHxD)		Outline	mm	794×186×265	794×186×265	848×189×274	945×206×296	1018×233×315			
		Package	mm	873×258×365	873×258×365	926××371×267	1013×300×393	1086×328×398			
Net weight/Gross weight		kg	9.0/11.5	9.0/11.5	10/12.5	13.0/16.0	15.5/20.5				
Loading quantity		20'GP	sets	348	348	306	254	206			
		40' GP/40' HQ	sets	720/840	720/840	636/740	541/609	430/491			



Duct Type Indoor Unit

Model		GFH(09)EA-K3DNA1A/I		GFH(12)EA-K3DNA1A/I		GFH(18)EA-K3DNA1A/I		GFH(21)EA-K3DNA1A/I		GFH(24)EA-K3DNA1A/I	
Capacity	Cooling	Btu/h	8530	11940	17060	20470	24230				
	Heating	Btu/h	9550	13140	18770	22520	27300				
Power supply		PhV/Hz	1/220~240/50		1/220~240/50		1/220~240/50		1/220~240/50		
Airflow volume		m ³ /h	450	500	700	1000	1000				
		CFM	265	294	412	588.5	588.5				
Sound pressure level (HL)		dB(A)	37/31	39/32	41/33	42/34	42/34				
Connecting pipe		Gas	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ1/2(12.7)	Φ5/8(15.9)	Φ5/8(15.9)			
		Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ3/8(9.52)	Φ3/8(9.52)			
Dimension(WxHxD)		Outline	mm	700×615×200	700×615×200	900×615×200	1100×615×200	1100×615×200			
		Package	mm	893×743×305	893×743×305	113×743×305	1323×743×305	1323×743×305			
Net weight/Gross weight		kg	22/27	23/29	27/36	31/41	31/41				
Loading quantity		20'GP	sets	108	108	90	72	72			
		40' GP/40' HQ	sets	234/234	234/234	180/180	162/162	162/162			



Cassette Type Indoor Unit

Model		GKH(12)BA-K3DNA2A/I		GKH(18)BA-K3DNA2A/I		GKH(12)BA-K3DNA1A/I		GKH(18)BA-K3DNA1A/I		GKH(24)BA-K3DNA1A/I	
Capacity	Cooling	Btu/h	11942	15354	11942	17060	24225				
	Heating	Btu/h	13648	17060	13136	18766	27296				
Power supply		PhV/Hz	1/220~240/50		1/220~240/50		1/220~240/50		1/220~240/50		
Airflow volume		m ³ /h	600	600	680	680	1180				
		CFM	353	353	400	400	694				
Sound pressure level (SHHM/MML/SL)		dB(A)	46/44/42	46/44/42	37/35/33	37/35/33	39/37/35				
Connecting pipe		Gas	inch(mm)	Φ3/8(9.52)	Φ1/2(12.7)	Φ3/8(9.52)	Φ1/2(12.7)	Φ5/8(15.9)			
		Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ3/8(9.52)			
Main Body		Dimension Outline	mm	570×570×230	570×570×230	840×840×240	840×840×240	840×840×240			
		Package	mm	851×731×325	851×731×325	963×963×325	963×963×325	963×963×325			
Net weight/Gross weight		kg	18.0/23.0	18/23	25.0/33.0	25.0/33.0	28.0/35.0				
Panel		Dimension Outline	mm	650×650×50	650×650×50	950×950×60	950×950×60	950×950×60			
		Package	mm	733×673×117	733×673×117	1043×1028×130	1043×1028×130	1043×1028×130			
Net weight/Gross weight		kg	2.5/3.5	2.5/3.5	6.5/10	6.5/10	6.5/10				
Loading quantity		20'GP	sets	102	102	48	48	40			
		40' GP/40' HQ	sets	209/246	209/246	128/144	128/144	108/128			



Floor Ceiling Type Indoor Unit

Model		GTH(09)BA-K3DNA1A/I		GTH(12)BA-K3DNA1A/I		GTH(18)BA-K3DNA1A/I		GTH(24)BA-K3DNA1A/I	
Capacity	Cooling	Btu/h	8530	11942	17060	24225			
	Heating	Btu/h	9556	13136	18766	27296			
Power supply		PhV/Hz	1/220~240/50		1/220~240/50		1/220~240/50		
Airflow volume		m ³ /h	650	650	950	1250			
		CFM	382.5	382.5	559	736			
Sound pressure level (SHHM/MML/SL)		dB(A)	40/38/36	40/38/36	45/42/40	48/46/44			
Connecting pipe		Gas	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ1/2(12.7)	Φ5/8(15.9)		
		Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ3/8(9.52)		
Dimension(WxHxD)		Outline	mm	1220×700×225	1220×700×225	1220×700×225	1220×700×225		
		Package	mm	1343×823×315	1343×823×315	1343×823×315	1343×823×315		
Net weight/Gross weight		kg	40/50	40/50	40/50	45/54			
Loading quantity		20'GP	sets	66	66	66	66		
		40' GP/40' HQ	sets	132/132	132/132	132/132	132/132		

Console



Model		GEH(09)AA-K3DNA1C/I		GEH(12)AA-K3DNA1C/I		GEH(18)AA-K3DNA1C/I	
Capacity	Cooling	Btu/h	8700	11900	18100		
	Heating	Btu/h	9600	13000	19800		
Power supply		PhV/Hz	1/220~240/50		1/220~240/50		
Airflow volume		m ³ /h	500	600	650		
		CFM	294	353	383		
Sound pressure level (SHHM/MML/SL)		dB(A)	40/38/36/33/30/27/25	42/40/38/37/35/32/27	48/46/44/41/37/35/32		
Connecting pipe		Gas	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ1/2(12.7)	
		Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	
Dimension(WxHxD)		Outline	mm	700×215×600	700×215×600	700×215×600	
		Package	mm	791×286×710	791×286×710	791×286×710	
Net weight/Gross weight		kg	15/18	15/18	15/18		
Loading quantity		20'GP	sets	168	168	168	
		40' GP/40' HQ	sets	348/440	348/440	348/440	

1. The product with * is under development, and the parameters are estimated, please refer to the value on nameplates.
2. Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.

Control System Lineup

Controlling system	Product series	Wall-mounted type				Duct type	Cassette type	Floor ceiling type	Console type
		Lomo	Hansol	Cozy	Viola				
Wireless remote controller	YAA1FB1								●
	YT1F(MOTO)			●	●	●	●	●	
	YAG1FB		●						
	YB1F2 (XFAN)								
	YAN1F1(XFAN)		●						
Wired controller	XK19				●	●	●	●	
	XK41/XK47		●					●	
	XK76		●			●	●	●	●
Centralized controller	CE50-24/E				●	●	●		

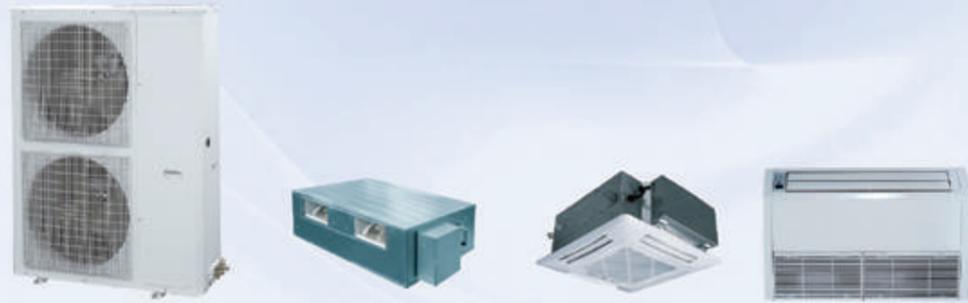
Note: ● means standard, ● means optional.

U-Match



High Efficiency Series

It is a kind of split system that the outdoor unit can be freely connected to different types of indoor units according to various indoor decoration requirements.



- Double ambient temperature sensor design makes a precision temperature monitoring.
- Low start-up current thanks to power delay control design.
- Higher efficiency thanks to sine wave DC inverter compressor control.
- High reliability and easy maintenance thanks to one piece integrated PCB board.
- Stable cooling under -15°C and heating under -10°C outdoor environment temperature.



Indoor Unit

Duct type	Cassette type	Floor ceiling type
<ul style="list-style-type: none"> • Drain pump fitted as optional with increased lift of 1100mm. • Fresh air inlet and air valve control function improve the indoor air quality. • Flexible air in/outlet and condensing water outlet direction according to different installation requirements. • Optimized air duct design improves the performance and lower the noise. 	<ul style="list-style-type: none"> • Drain pump fitted as standard with increased lift of 1100mm. • Special low noise fan design. • Different swing angle design for cooling and heating mode for better comfort. 	<ul style="list-style-type: none"> • 3-D air flue design. • Easy replacement of motor and fan blade thanks to clamp block propeller design. • Different swing angle design for cooling and heating mode for better comfort.

Item	Nominal operating condition (temperature)				Operation range (temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	DB (°C)	WB (°C)	DB (°C)	WB (°C)	DB (°C)
Cooling	35	24	27	19	-15-48
Heating	7	6	20	-	-10-24

Indoor Units Lineup

Capacity Index (BTU/h)		9K	12K	18K	24K	30K	
Outdoor Unit	Model	GUHD09NK3FO	GUHD12NK3FO	GUHD18NK3FO	GUHD24NK3FO	GUHD30NK3FO	
	Picture						
Indoor Unit	Duct	Model	GFH09K3FI	GFH12K3FI	GFH18K3FI	GFH24K3FI	GFH30K3FI
	Picture						
	Cassette	Model	---	GKH12K3FI	GKH18K3FI	GKH24K3FI	GKH30K3FI
Picture							
Floor Ceiling	Model	GTH09K3FI	GTH12K3FI	GTH18K3FI	GTH24K3FI	GTH30K3FI	
	Picture						

Capacity Index (BTU/h)		36K	42K	48K	60K				
Outdoor Unit	Model	GUHD36NK3FO	GUHD36NM3FO	GUHD42NK3FO	GUHD42NM3FO	GUHD48NK3FO	GUHD48NM3FO	GUHD60NK3FO	GUHD60NM3FO
	Picture								
Indoor Unit	Duct	Model	GFH36K3FI	GFH36K3FI	GFH42K3FI	GFH42K3FI	GFH48K3FI	GFH48K3FI	GFH60K3FI
	Picture								
	Cassette	Model	GKH36K3FI	GKH36K3FI	GKH42K3FI	GKH42K3FI	GKH48K3FI	GKH48K3FI	GKH60K3FI
Picture									
Floor Ceiling	Model	GTH36K3FI	GTH36K3FI	GTH42K3FI	GTH42K3FI	GTH48K3FI	GTH48K3FI	GTH60K3FI	
	Picture								

Model	Outdoor unit			GUHD09NK3FO			GUHD12NK3FO		
	Indoor unit			Duct	Floor Ceiling	Duct	Cassette	Floor Ceiling	
				GFH09K3FI	GTH09K3FI	GFH12K3FI	GKH12K3FI	GTH12K3FI	
Capacity	Cooling	kW	2.7	2.7	3.5	3.5	3.5	3.5	
		BTU/h	9212	9212	11942	11942	11942	11942	
	Heating	kW	2.9	2.9	3.8	3.8	3.8	3.8	
		BTU/h	9895	9895	12966	12966	12966	12966	
SEER/SCOP		W/W	5.6/3.8	6.1/3.8	5.6/4.0	5.6/4.0	6.1/4.0	6.1/4.0	
Power supply		Ph/V/Hz	1/220-240/50			1/220-240/50			
Power input	Cooling	kW	0.84	0.84	1.17	1.09	1.09	1.09	
	Heating	kW	0.80	0.80	1.05	1.05	1.05	1.05	
Current input	Cooling	A	3.9	3.9	5.4	5.0	5.0	5.0	
	Heating	A	3.7	3.7	4.9	4.8	4.9	4.9	
Refrigerant charge volume		kg	1.2	1.2	1.2	1.2	1.2	1.2	
Indoor unit	Air flow volume(HML)		CFM	383	353	441	412	412	
			m ³ /h	650	600	750	700	700	
	ESP	Rated	Pa	25	—	25	—	—	
		Range	Pa	0-30	—	0-30	—	—	
	Sound pressure level (SHHML)	Outline	dB(A)	36/34/28/26	31/29/26/24	37/36/34/28	46/45/41/36	35/33/30/27	
		Package	mm	1023×748×320	1343×823×315	1123×798×323	773×733×300	1343×823×315	
Dimension (W×D×H)	Outline	mm	925×665×250	1220×700×225	1037×721×266	596×596×240	1220×700×225		
	Package	mm	1023×748×320	1343×823×315	1123×798×323	773×733×300	1343×823×315		
Net weight/Gross weight	Outline	kg	27/32	38/47	33/38	20/24	38/48		
	Package	kg	—	—	—	—	—		
Panel	Dimension (W×D×H)	mm	—	—	—	670×670×50	—		
	Package	mm	—	—	—	763×763×105	—		
Net weight/Gross weight	Outline	kg	—	—	—	3.5/5.0	—		
	Package	kg	—	—	—	—	—		
Outdoor unit	Sound pressure level		dB(A)	52			52		
	Dimension (W×D×H)	Outline	mm	848×320×540			848×320×540		
		Package	mm	881×383×595			881×383×595		
Net weight/Gross weight	Outline	kg	34/37			34/37			
	Package	kg	—			—			
Connection pipe	Outer diameter	Liquid	inch(mm)	φ1/4(6.35)			φ1/4(6.35)		
		Gas	inch(mm)	φ3/8(9.52)			φ3/8(9.52)		
	Max distance	Height/Length	m	15/20			15/20		
Loading quantity		40'GP/40'HQ	126/141	96/112	114/131	127/138	96/112		

Model	Outdoor unit			GUHD30NK3FO			GUHD36NK3FO		
	Indoor unit			Duct	Cassette	Floor Ceiling	Duct	Cassette	Floor Ceiling
				GFH30K3FI	GKH30K3FI	GTH30K3FI	GFH36K3FI	GKH36K3FI	GTH36K3FI
Capacity	Cooling	kW	8.3	8.3	8.5	10.0	10.0	10.0	
		BTU/h	28320	28320	29002	34120	34120	34120	
	Heating	kW	9.2	9.2	9.2	12.0	12.0	12.0	
		BTU/h	31390	31390	31390	40944	40944	40944	
SEER/SCOP		W/W	6.1/4.0	6.1/4.0	6.1/4.0	5.8/4.0	6.1/4.0	6.1/4.0	
Power supply		Ph/V/Hz	1/220-240/50			1/220-240/50			
Power input	Cooling	kW	2.67	2.67	2.67	3.20	3.20	3.20	
	Heating	kW	2.57	2.57	2.57	3.40	3.50	3.40	
Current input	Cooling	A	12.4	12.4	12.4	15.0	15.0	15.0	
	Heating	A	12.0	12.0	12.0	15.5	16.2	15.8	
Refrigerant charge volume		kg	2.4	2.4	2.4	3.5	3.5	3.5	
Indoor unit	Air flow volume(HML)		CFM	624	883	883	1236	1095	1118
			m ³ /h	1400	1500	1500	2100	1880	1900
	ESP	Rated	Pa	37	—	—	37	—	—
		Range	Pa	0-75	—	—	0-100	—	—
	Sound pressure level (SHHML)	Outline	dB(A)	47/46/44/40	49/48/45/40	49/48/44/38	53/52/48/44	51/49/46/43	54/53/51/46
		Package	mm	1279×558×268	840×840×320	1420×700×245	1226×775×290	840×840×320	1420×700×245
Dimension (W×D×H)	Outline	mm	1279×558×268	840×840×320	1420×700×245	1226×775×290	840×840×320	1420×700×245	
	Package	mm	1348×597×283	963×963×409	1548×828×345	1338×877×305	963×963×409	1548×828×345	
Net weight/Gross weight	Outline	kg	34/39	31/38	48/56	46/53	31/38	48/56	
	Package	kg	—	—	—	—	—	—	
Panel	Dimension (W×D×H)	mm	—	950×950×60	—	—	950×950×60	—	
	Package	mm	—	1028×1043×130	—	—	1028×1043×130	—	
Net weight/Gross weight	Outline	kg	—	7.0/11	—	—	7.0/11	—	
	Package	kg	—	—	—	—	—	—	
Outdoor unit	Sound pressure level		dB(A)	58			63		
	Dimension (W×D×H)	Outline	mm	980×427×790			1107×440×1100		
		Package	mm	1083×488×855			1158×493×1235		
Net weight/Gross weight	Outline	kg	71/76			92/100			
	Package	kg	—			—			
Connection pipe	Outer diameter	Liquid	inch(mm)	φ3/8(9.52)			φ3/8(9.52)		
		Gas	inch(mm)	φ5/8(15.9)			φ5/8(15.9)		
	Max distance	Height/Length	m	15/30			15/30		
Loading quantity		40'GP/40'HQ	76/89	49/69	57/67	45/60	43/50	45/56	

Model	Outdoor unit			GUHD18NK3FO			GUHD24NK3FO		
	Indoor unit			Duct	Cassette	Floor Ceiling	Duct	Cassette	Floor Ceiling
				GFH18K3FI	GKH18K3FI	GTH18K3FI	GFH24K3FI	GKH24K3FI	GTH24K3FI
Capacity	Cooling	kW	5.0	5.0	5.0	7.0	7.0	7.0	
		BTU/h	17060	17060	17060	23884	23884	23884	
	Heating	kW	5.6	5.5	5.6	8.0	8.0	8.0	
		BTU/h	19107	18766	19107	27296	27296	27296	
SEER/SCOP		W/W	5.6/3.8	5.6/3.8	6.1/4.0	6.1/4.0	6.1/4.0	5.8/4.0	
Power supply		Ph/V/Hz	1/220-240/50			1/220-240/50			
Power input	Cooling	kW	1.55	1.60	1.55	2.18	2.18	2.18	
	Heating	kW	1.55	1.58	1.55	2.21	2.21	2.21	
Current input	Cooling	A	7.5	7.2	7.2	10.1	10.1	10.1	
	Heating	A	7.4	7.6	7.2	10.2	10.2	10.2	
Refrigerant charge volume		kg	1.4	1.4	1.4	2.2	2.2	2.2	
Indoor unit	Air flow volume(HML)		CFM	589	447	589	824	765	708
			m ³ /h	1000	760	1000	1400	1300	1200
	ESP	Rated	Pa	25	—	—	25	—	—
		Range	Pa	0-30	—	—	0-75	—	—
	Sound pressure level (SHHML)	Outline	dB(A)	40/38/36/28	47/46/44/37	44/42/38/32	47/46/44/40	47/46/42/38	49/48/46/40
		Package	mm	1037×721×266	596×596×240	1220×700×225	1279×558×268	840×840×320	1220×700×225
Dimension (W×D×H)	Outline	mm	1037×721×266	596×596×240	1220×700×225	1279×558×268	840×840×320	1220×700×225	
	Package	mm	1123×798×323	773×733×300	1343×823×315	1348×597×283	963×963×325	1343×823×315	
Net weight/Gross weight	Outline	kg	33/38	20/24	38/48	34/39	26/32	40/50	
	Package	kg	—	—	—	—	—	—	
Panel	Dimension (W×D×H)	mm	—	670×670×50	—	—	950×950×60	—	
	Package	mm	—	763×763×105	—	—	1028×1043×130	—	
Net weight/Gross weight	Outline	kg	—	3.5/5.0	—	—	7.0/11	—	
	Package	kg	—	—	—	—	—	—	
Outdoor unit	Sound pressure level		dB(A)	56			57		
	Dimension (W×D×H)	Outline	mm	955×396×700			980×427×790		
		Package	mm	1029×458×750			1083×488×855		
Net weight/Gross weight	Outline	kg	47/50			67/72			
	Package	kg	—			—			
Connection pipe	Outer diameter	Liquid	inch(mm)	φ1/4(6.35)			φ3/8(9.52)		
		Gas	inch(mm)	φ1/2(12.7)			φ5/8(15.9)		
	Max distance	Height/Length	m	15/20			15/30		
Loading quantity		40'GP/40'HQ	93/95	95/105	89/97	76/89	64/71	70/86	

Model	Outdoor unit			GUHD36NM3FO			GUHD42NK3FO		
	Indoor unit			Duct	Cassette	Floor Ceiling	Duct	Cassette	Floor Ceiling
				GFH36K3FI	GKH36K3FI	GTH36K3FI	GFH42K3FI	GKH42K3FI	GTH42K3FI
Capacity	Cooling	kW	10.0	10.0	10.0	11.5	11.0	11.5	
		BTU/h	34120	34120	34120	39238	37532	39238	
	Heating	kW	12.0	12.0	12.0	13.5	12.5	13.5	
		BTU/h	40944	40944	40944	46062	42650	46062	
SEER/SCOP		W/W	5.1/4.0	6.1/4.0	6.1/4.0	5.8/3.8	5.8/4.0	6.1/4.0	
Power supply		Ph/V/Hz	3/380-415/50			1/220-240/50			
Power input	Cooling	kW	3.12	3.12	3.12	4.0	3.90	3.90	
	Heating	kW	3.32	3.32	3.32	3.90	3.80	3.70	
Current input	Cooling	A	5.4	5.4	5.4	18.6	18.1	18.1	
	Heating	A	5.8	5.8	5.8	18.1	17.6	17.2	
Refrigerant charge volume		kg	3.5	3.5	3.5	3.7	3.7	3.7	
Indoor unit	Air flow volume(HML)		CFM	1236	1095	1118	1236	1095	1118
			m ³ /h	2100	1880	1900	2100	1880	1900
	ESP	Rated	Pa	37	—	—	37	—	—
		Range	Pa	0-100	—	—	0-100	—	—
	Sound pressure level (SHHML)	Outline	dB(A)	53/52/48/44	51/49/46/43	54/53/51/46	53/52/48/44	51/49/46/43	55/54/52/47
		Package	mm	1226×775×290	840×840×320	1420×700×245	1226×775×290	840×840×320	1420×700×245
Dimension (W×D×H)	Outline	mm	1226×775×290	840×840×320	1420×700×245	1226×775×290	840×840×320	1420×700×245	
	Package	mm	1338×877×305	963×963×409	1548×828×345	1338×877×305	963×963×409	1548×828×345	
Net weight/Gross weight	Outline	kg	46/53	31/38	48/56	46/53	31/38	50/58	
	Package	kg	—	—	—	—	—	—	
Panel	Dimension (W×D×H)	mm	—	950×950×60	—	—	950×950×60	—	
	Package	mm	—	1028×1043×130	—	—	1028×1043×130	—	
Net weight/Gross weight	Outline	kg	—	7.0/11	—	—	7.0/11	—	
	Package	kg	—	—	—	—	—	—	
Outdoor unit	Sound pressure level		dB(A)	63			61		
	Dimension (W×D×H)	Outline	mm	1107×440×1100			958×412×1349		
		Package	mm	1158×493×1235			1043×453×1500		
Net weight/Gross weight	Outline	kg	98/106			95/105			
	Package	kg	—			—			
Connection pipe	Outer diameter	Liquid	inch(mm)	φ3/8(9.52)			φ3/8(9.52)		
		Gas	inch(mm)						

Model	Outdoor unit		GUHD42NM3FO			GUHD48NK3FO			
	Indoor unit		Duct	Cassette	Floor Ceiling	Duct	Cassette	Floor Ceiling	
			GFH42K3FI	GKH42K3FI	GTH42K3FI	GFH48K3FI	GKH48K3FI	GTH48K3FI	
Capacity	Cooling	kW	11.5	11.0	11.5	14.0	14.0	14.0	
		BTU/h	39238	37532	39238	47768	47768	47768	
	Heating	kW	13.5	12.5	13.5	15.5	16.0	16.0	
		BTU/h	46062	42850	46062	52886	54592	54592	
SEER/SCOP		W/W	5.6/4.0	6.1/4.0	5.6/4.0	6.1/3.8	6.1/3.8	5.6/3.8	
Power supply		Ph/V/Hz	3/380-415/50			1/220-240/50			
Power input	Cooling	kW	4.0	3.9	3.9	4.7	4.6	4.8	
	Heating	kW	3.9	3.8	3.74	4.4	4.5	4.3	
Current input	Cooling	A	6.9	6.7	6.7	21.8	21.3	22.3	
	Heating	A	6.7	6.6	6.5	20.4	20.8	20.0	
Refrigerant charge volume		kg	3.7	3.7	3.7	4.0	4.0	4.0	
Indoor unit	Air flow volume(H/M/L)		CFM	1236	1095	1118	1412	1354	1354
			m ³ /h	2100	1880	1900	2400	2300	2300
	ESP	Rated	Pa	37	—	—	50	—	—
		Range	Pa	0-100	—	—	0-125	—	—
	Sound pressure level (SH/HML)		dB(A)	53/52/48/44	51/49/46/43	55/54/52/47	55/53/49/45	53/52/47/41	56/55/50/46
	Dimension (W×D×H)	Outline	mm	1226×775×290	840×840×320	1420×700×245	1340×750×350	910×910×290	1700×700×245
Package		mm	1338×877×305	963×963×409	1548×828×345	1423×837×455	1023×993×375	1828×828×345	
Net weight/Gross weight		kg	46/53	31/38	50/58	56/65	43/50	59/68	
Panel	Dimension (W×D×H)		Outline	mm	—	—	1040×1040×65	—	
			Package	mm	—	—	1137×1137×140	—	
	Net weight/Gross weight		kg	—	7.0/11	—	—	8.0/12	
Outdoor unit	Sound pressure level		dB(A)	61			59		
	Dimension (W×D×H)		Outline	mm	958×412×1349			958×412×1349	
			Package	mm	1043×453×1500			1043×453×1500	
Net weight/Gross weight		kg	109/118			105/115		—	
Connection pipe	Outer diameter	Liquid	inch(mm)	φ3/8(9.52)			φ3/8(9.52)		
		Gas	inch(mm)	φ5/8(15.9)			φ5/8(15.9)		
	Max distance	Height/Length	m	30/50			30/50		
Loading quantity	40'GP/40'HQ	-	52/58	45/48	43/47	38/48	43/50	43/47	

Model	Outdoor unit		GUHD48NM3FO			GUHD60NM3FO			
	Indoor unit		Duct	Cassette	Floor Ceiling	Duct	Cassette	Floor Ceiling	
			GFH48K3FI	GKH48K3FI	GTH48K3FI	GFH60K3FI	GKH60K3FI	GTH60K3FI	
Capacity	Cooling	kW	14.0	14.0	14.0	16.0	16.0	16.0	
		BTU/h	47768	47768	47768	54592	54592	54592	
	Heating	kW	15.5	16.0	16.0	16.5	17.0	17.0	
		BTU/h	52886	54592	54592	56298	58004	58004	
SEER/SCOP		W/W	5.6/3.8	5.6/3.8	5.8/4.0	5.6/3.8	6.1/4.0	5.1/4.0	
Power supply		Ph/V/Hz	3/380-415/50			3/380-415/50			
Power input	Cooling	kW	5.10	5.15	5.0	5.60	5.70	5.75	
	Heating	kW	4.50	4.50	4.50	4.57	4.70	4.70	
Current input	Cooling	A	8.80	8.90	8.60	9.70	9.80	10.0	
	Heating	A	7.80	7.80	7.80	7.90	8.2	8.2	
Refrigerant charge volume		kg	4.0	4.0	4.0	5.0	5.0	5.0	
Indoor unit	Air flow volume(H/M/L)		CFM	1412	1354	1354	1766	1412	1471
			m ³ /h	2400	2300	2300	3000	2400	2500
	ESP	Rated	Pa	50	—	—	50	—	—
		Range	Pa	0-125	—	—	0-150	—	—
	Sound pressure level (SH/HML)		dB(A)	55/53/49/45	53/52/47/41	56/55/50/46	57/56/54/49	55/53/47/41	58/56/52/46
	Dimension (W×D×H)	Outline	mm	1340×750×350	910×910×290	1700×700×245	1340×750×350	910×910×290	1700×700×245
Package		mm	1423×837×455	1023×993×375	1828×828×345	1423×837×455	1023×993×375	1828×828×345	
Net weight/Gross weight		kg	56/65	43/50	59/68	57/69	43/50	59/68	
Panel	Dimension (W×D×H)		Outline	mm	—	—	1040×1040×65	—	
			Package	mm	—	—	1137×1137×140	—	
	Net weight/Gross weight		kg	—	8.0/12	—	—	8.0/12	
Outdoor unit	Sound pressure level		dB(A)	59			63		
	Dimension (W×D×H)		Outline	mm	958×412×1349			1085×427×1365	
			Package	mm	1043×453×1500			1143×478×1505	
Net weight/Gross weight		kg	114/124			126/138		—	
Connection pipe	Outer diameter	Liquid	inch(mm)	φ3/8(9.52)			φ3/8(9.52)		
		Gas	inch(mm)	φ5/8(15.9)			φ3/4(19.05)		
	Max distance	Height/Length	m	30/50			30/50		
Loading quantity	40'GP/40'HQ	-	38/48	43/50	43/47	40/40	38/48	39/42	

Control System Lineup

Controlling system	Product series	High efficiency series			
		Duct type	Cassette type	Floor ceiling type	
					
Wireless remote controller	YB1FA				
	YV1FB7F				
	YV1FB7				
	YB1FAF				
	YAM1F				
	YAM1FF				
Wired controller	Z4K351J				
	Z4K351CJ				
Smart zone controller	CE50-24/E				
Other modules	Optoelectronic isolated converter	RS232-RS422 485			
	Optoelectronic isolated signal multiplier	RS-422/485			

Note: ● means standard, ○ means optional.

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U-Match



Fixed Frequency Series(Side-discharge)*

It is a kind of split system that the outdoor unit can be freely connected to different types of indoor units according to various indoor decoration requirements.



- Intelligent defrosting
- Compact design
- Anti-cold function
- Comprehensive protection
- Easier maintainability
- Self diagnosis
- Wide operation range

- Double ambient temperature sensor design makes a precision temperature monitoring.
- The outdoor unit is universal, can be matched with cassette, duct type and floor ceiling unit.



Indoor Unit

	Duct type	Cassette type
<ul style="list-style-type: none"> • Flexible air in/outlet and condensing water outlet direction according to different installation requirements. • Optimized air duct design improves the performance and lower the noise. 	<ul style="list-style-type: none"> • Drain pump fitted as standard with increased lift of 1100mm. • Special low noise fan design. • Different swing angle design for cooling and heating mode for better comfort. • All kinds of air freshener can be installed in the filter, such as catechin 	<ul style="list-style-type: none"> • 3-D air flue design. • Easy replacement of motor and fan blade thanks to clamp block propeller design. • Different swing angle design for cooling and heating mode for better comfort.

Item	Nominal operating condition (temperature)				Operation range (temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	DB (°C)	WB (°C)	DB (°C)	WB (°C)	
Cooling	35	24	27	19	-15°C~43°C
Heating	7	6	20	15	-15°C~24°C

*:All product models of this series are not fit for EU.

Units Lineup

Capacity Index (Btu/h)		18K	24K	30K	36K
Indoor Unit	Outdoor Unit				
	Duct				
	Cassette				
	Floor Ceiling				

Capacity Index (Btu/h)		42K	48K	60K
Indoor Unit	Outdoor Unit			
	Duct			
	Cassette			
	Floor Ceiling			

Model	Outdoor Unit			GUHN18NK3HO			GUHN24NK3HO		
	Indoor Unit			Duct	Cassette	Floor ceiling	Duct	Cassette	Floor ceiling
				GFH18K3HI	GKH18K3HI	GTH18K3HI	GFH24K3HI	GKH24K3HI	GTH24K3HI
Capacity	Cooling	W	5000	5000	5500	7000	7000	7200	
		Btu/h	17100	17100	18800	23900	23900	24600	
	Heating	W	5400	5400	5700	7400	7600	8200	
		Btu/h	18400	18400	19400	25200	25900	28000	
EER/C.O.P		W/W	2.50/2.84	2.50/2.84	2.75/2.85	2.80/3.22	2.80/3.30	2.88/3.42	
Power Supply		Ph.V.Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	
Power Input	Cooling	kW	2	2	2	2.5	2.5	2.5	
	Heating	kW	1.9	1.9	2	2.3	2.3	2.4	
Current Input	Cooling	A	9.2	9.2	9.2	10.9	10.9	11.4	
	Heating	A	8.2	8.6	8.6	9.5	9.6	11.1	
Refrigerant charge volume		kg	1.3	1.3	1.3	1.5	1.5	1.5	
Indoor Unit	Air flow volume(SH/H/M/L)	m³/h	720/640/550/420	720/640/580/520	1000/880/750/670	1260/1240/1190/1090	1450/1300/1220/1170	1400/1290/1170/1020	
	ESP	Rated	Pa	25	0	0	25	0	
	Range	Pa	0-30	0	0	0-30	0	0	
Indoor Unit	Sound Pressure Level(SH/H/M/L)	dB(A)	36/33/30/29	50/49/47/46	40/37/35/33	43/38/34/32	49/48/47/46	48/46/44/40	
	Dimension(W×D×H)	Outline	mm	1015×720×275	665×595×240	1200×235×665	1260×555×270	840×840×240	1200×235×665
	Package	mm	1120×795×308	775×735×285	1360×285×767	1345×594×268	960×960×310	1360×285×767	
Panel	Net Weight/Gross Weight	kg	31/37	20/25	31/38	33/38	27/35	32/39	
	Dimension(W×D×H)	Outline	mm	-	670×670×50	-	-	950×950×60	-
	Package	mm	-	760×760×90	-	-	1030×1035×118	-	
Outdoor Unit	Net Weight/Gross Weight	kg	-	3.5/5.0	-	-	7/11	-	
	Sound Pressure Level	dB(A)	56	56	56	54	54	54	
	Dimension(W×D×H)	Outline	mm	955×395×700	955×395×700	955×395×700	955×395×700	955×395×700	
Connection Pipe	Package	mm	1026×455×735	1026×455×735	1026×455×735	1026×455×735	1026×455×735	1026×455×735	
	Net Weight/Gross Weight	kg	53/58	53/58	53/58	61/66	61/66	61/66	
	Outer diameter	Liquid	inch	1/4	1/4	1/4	3/8	3/8	
Connection Pipe	Gas	inch	1/2	1/2	1/2	5/8	5/8		
	Max distance	Height/Length	m	15/25	15/25	15/25	15/30	15/30	
	Loading quantity	40 GP/40 HQ	set	84/99	97/108	89/97	102/113	60/67	

Model	Outdoor Unit			GUHN42NM3HO			GUHN48NM3HO		
	Indoor Unit			Duct	Cassette	Floor ceiling	Duct	Cassette	Floor ceiling
				GFH42K3HI	GKH42K3HI	GTH42K3HI	GFH48K3HI	GKH48K3HI	GTH48K3HI
Capacity	Cooling	W	12000	12000	12000	14100	14100	14200	
		Btu/h	40900	40900	40900	48100	48100	48500	
	Heating	W	13500	13500	13200	15200	15000	16000	
		Btu/h	46100	46100	45000	51900	51200	54600	
EER/C.O.P		W/W	2.73/3.33	2.88/3.38	2.79/3.22	2.82/3.23	2.94/3.06	2.84/3.40	
Power Supply		Ph.V.Hz	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50	
Power Input	Cooling	kW	4.4	4.2	4.3	5	4.8	5.0	
	Heating	kW	4.05	4	4.1	4.7	4.9	4.7	
Current Input	Cooling	A	8.5	8	8	10.7	9.3	10	
	Heating	A	8.2	7.8	7.8	10.4	9.5	10	
Refrigerant charge volume		kg	3.3	3.3	3.3	3.7	3.7	3.7	
Indoor Unit	Air flow volume(SH/H/M/L)	m³/h	2100/1880/1765/1645	1650/1610/1500/1300	1650/1550/1450/1350	2300/2145/1855/1755	1650/1610/1500/1300	2400/2300/2200/2030	
	ESP	Rated	Pa	37	0	0	50	0	
	Range	Pa	0-75	0	0	0-100	0	0	
Indoor Unit	Sound Pressure Level(SH/H/M/L)	dB(A)	51/48/46/44	52/47/46/43	52/51/50/49	53/52/50/50	52/47/46/43	56/55/53/52	
	Dimension(W×D×H)	Outline	mm	1230×790×290	840×840×320	1200×235×665	1230×790×290	840×840×320	1570×235×665
	Package	mm	1335×834×290	960×960×394	1360×285×767	1335×834×290	960×960×394	1726×285×767	
Panel	Net Weight/Gross Weight	kg	46/52	32/41	38/45	53/60	33/42	46/53	
	Dimension(W×D×H)	Outline	mm	-	950×950×60	-	-	950×950×60	-
	Package	mm	-	1030×1035×118	-	-	1030×1035×118	-	
Outdoor Unit	Net Weight/Gross Weight	kg	-	7/11	-	-	7/11	-	
	Sound Pressure Level	dB(A)	60	60	60	60	60	60	
	Dimension(W×D×H)	Outline	mm	1120×440×1100	1120×440×1100	1120×440×1100	1120×440×1100	1120×440×1100	
Connection Pipe	Package	mm	1155×480×1115	1155×480×1115	1155×480×1115	1155×480×1115	1155×480×1115	1155×480×1115	
	Net Weight/Gross Weight	kg	100/112	100/112	100/112	103/115	103/115	103/115	
	Outer diameter	Liquid	inch	1/2	1/2	1/2	1/2	1/2	
Connection Pipe	Gas	inch	3/4	3/4	3/4	3/4	3/4	3/4	
	Max distance	Height/Length	m	30/50	30/50	30/50	30/50	30/50	
	Loading quantity	40 GP/40 HQ	set	48/61	40/50	48/63	48/61	40/50	

Model	Outdoor Unit			GUHN30NK3HO			GUHN36NM3HO		
	Indoor Unit			Duct	Cassette	Floor ceiling	Duct	Cassette	Floor ceiling
				GFH30K3HI	GKH30K3HI	GTH30K3HI	GFH36K3HI	GKH36K3HI	GTH36K3HI
Capacity	Cooling	W	8300	8500	8500	10000	10000	10600	
		Btu/h	28300	29000	29000	34100	34100	36200	
	Heating	W	8900	9000	9800	11500	11500	11800	
		Btu/h	30000	30700	33400	39200	39200	40300	
EER/C.O.P		W/W	2.96/3.26	3.15/3.46	3.04/3.50	2.78/3.48	2.86/3.48	2.94/3.28	
Power Supply		Ph.V.Hz	1/220-240/50	1/220-240/50	1/220-240/50	3/380-415/50	3/380-415/50	3/380-415/50	
Power Input	Cooling	kW	2.8	2.7	2.8	3.6	3.5	3.6	
	Heating	kW	2.7	2.6	2.8	3.3	3.3	3.6	
Current Input	Cooling	A	11.5	11	11.8	8	8	8	
	Heating	A	11	10	12.5	7.5	7.5	7.5	
Refrigerant charge volume		kg	1.8	1.8	1.8	2.2	2.2	2.2	
Indoor Unit	Air flow volume(SH/H/M/L)	m³/h	1400/1360/1310/1210	1500/1450/1400/1370	1500/1390/1270/1110	2100/1895/1765/1655	1650/1610/1500/1300	1600/1430/1340/1270	
	ESP	Rated	Pa	37	0	0	37	0	
	Range	Pa	0-50	0	0	0-75	0	0	
Indoor Unit	Sound Pressure Level(SH/H/M/L)	dB(A)	48/46/45/44	51/50/49/48	50/48/46/43	51/48/46/44	52/47/46/43	52/51/50/49	
	Dimension(W×D×H)	Outline	mm	1260×555×270	840×840×240	1200×235×665	1230×790×290	840×840×320	1200×235×665
	Package	mm	1345×594×268	960×960×310	1360×285×767	1335×834×290	960×960×394	1360×285×767	
Panel	Net Weight/Gross Weight	kg	34/39	27/35	32/39	46/52	32/41	36/43	
	Dimension(W×D×H)	Outline	mm	-	950×950×60	-	-	950×950×60	-
	Package	mm	-	1030×1035×118	-	-	1030×1035×118	-	
Outdoor Unit	Net Weight/Gross Weight	kg	-	7/11	-	-	7/11	-	
	Sound Pressure Level	dB(A)	59	59	59	60	60	60	
	Dimension(W×D×H)	Outline	mm	980×425×790	980×425×790	980×425×790	980×425×790	980×425×790	
Connection Pipe	Package	mm	1080×485×860	1080×485×860	1080×485×860	1080×485×860	1080×485×860	1080×485×860	
	Net Weight/Gross Weight	kg	69/74	69/74	69/74	69/74	69/74	69/74	
	Outer diameter	Liquid	inch	3/8	3/8	3/8	3/8	3/8	
Connection Pipe	Gas	inch	5/8	5/8	5/8	3/4	3/4	3/4	
	Max distance	Height/Length	m	15/30	15/30	15/30	15/30	15/30	
	Loading quantity	40 GP/40 HQ	set	80/96	56/61	74/87	65/80	51/56	

Model	Outdoor Unit			GUHN60NM3HO		
	Indoor Unit			Duct	Cassette	Floor ceiling
				GFH60K3HI	GKH60K3HI	GTH60K3HI
Capacity	Cooling	W	16000	15000	15800	
		Btu/h	54600	51200	53900	
	Heating	W	18000	18800	18200	
		Btu/h	61400	57300	62100	
EER/C.O.P		W/W	2.86/3.27	2.83/3.23	2.87/3.34	
Power Supply		Ph.V.Hz	3/380-415/50	3/380-415/50	3/380-415/50	
Power Input	Cooling	kW	5.6	5.3	5.5	
	Heating	kW	5.5	5.2	5.45	
Current Input	Cooling	A	11.6	10.5	10.7	
	Heating	A	11.3	10.3	10.65	
Refrigerant charge volume		kg	4.1	4.1	4.1	
Indoor Unit	Air flow volume(SH/H/M/L)	m³/h	2500/2445/2155/2055	1800/1750/1650/1450	2400/2300/2200/2100	
	ESP	Rated	Pa	50	0	
	Range	Pa	0-100	0	0	
Indoor Unit	Sound Pressure Level(SH/H/M/L)	dB(A)	56/52/49/49	53/51/49/47	56/55/53/52	
	Dimension(W×D×H)	Outline	mm	1235×830×330	840×840×290	1570×235×665
	Package	mm	1335×882×330	960×960×364	1726×285×767	
Panel	Net Weight/Gross Weight	kg	56/64	37/46	-	
	Dimension(W×D×H)	Outline	mm	-	950×950×60	-
	Package	mm	-	1030×1035×118	-	
Outdoor Unit	Net Weight/Gross Weight	kg	-	7/11	-	
	Sound Pressure Level	dB(A)	61	61	61	
	Dimension(W×D×H)	Outline	mm	980×410×1350	980×410×1350	980×410×1350
Connection Pipe	Package	mm	1024×440×1380	1024×440×1380	1024×440×1380	
	Net Weight/Gross Weight	kg	118/129	118/129	118/129	
	Outer diameter	Liquid	inch	1/2	1/2	1/2
Connection Pipe	Gas	inch	3/4	3/4	3/4	
	Max distance	Height/Length	m	30/50	30/50	
	Loading quantity	40 GP/40 HQ	set	48/56	46/54	45/51

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