



GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI

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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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Distributor information

GREE  
AIR CONDITIONER

GREE

2019RAC  
EU

2019 RESIDENTIAL  
AIR CONDITIONER  
**EU**



# CONTENT

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# GREE COMPANY

## GREE PROFILE

Gree Electric Appliances, Inc. of Zhuhai, founded in 1991, is a diversified international industrial group, whose business covers residential air conditioners, central air conditioners, intelligent equipments, home appliances, air source water heaters, smart phones, refrigerators, etc.

- Since 2005, Gree has topped No.1 in production and sales volume of residential air conditioners for 13 consecutive years.
- 2015, Gree's sales revenue exceeded 15.08 billion USD.
- 2016, sales revenue exceeded 16.51 billion USD.
- 2017, sales revenue exceeded 22.21 billion USD.
- 2018, Gree entered into the list of Forbes Global 2000 again and ranked No. 294, moving up 70 places compared with the previous year.

Gree has paid some 14.26 billion USD in total tax, being the No.1 in terms of tax payment in the Chinese home appliances industry for 16 consecutive years.

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

Action makes the future and innovation makes achievement. Looking forward, Gree will press ahead with its business philosophy of passion, innovation and realization. We aim to build an air conditioning enterprise of some hundred year's standing, to create a better life for humankind.

MADE IN CHINA  
LOVED BY THE WORLD

مکیفر گازی مکینف الہواء  
air conditioner  
랭온풍기 エアコン エアコン  
空調 climatiseur  
acondicionador de aire  
ar condicionado

300,000,000 users



1 in 3 air conditioner sold worldwide is made by Gree



G 01

## Mission

Develop Industrial Spirit  
Pursue Perfect Quality  
Provide Professional Service  
Create Comfortable Environment



## DONG MINGZHU WAS AWARDED THE HONOR OF "MESSENGER OF SUSTAINABLE URBAN DEVELOPMENT PROJECT"

On September 17, 2014, Gree Chairperson Dong Mingzhu was awarded the honor of "Messenger of Sustainable Urban Development Project" by United Nations Development Program, which was to commend Gree's long-term efforts and contribution in technological innovation, energy utilization efficiency improvement and environmental protection.

G 02

## 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. For meeting market demand and adapting to 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 for five times.



### 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"

At the preliminary stage of brand building (in the middle of 1990s), Gree was committed to building an image of high quality and reliability. Under the slogan of "Making Better Air Conditioners" and "Gree for High Quality", as a large number of high-quality products launched into the market, Gree gained the unanimous recognition of consumers and successfully built a brand image of "Better Air Conditioners".

### 2010

Brand 3.0: "Leading in Science and Technology"

— "GREE, the Master of Core Technologies"

Basing on independent technology innovation, Gree mastered many core technologies and improved products' function, shape, performance, etc. Under the slogan of "Gree, the Master of Core Technologies", Gree products took the leap in domestic home appliances industry, and then started to go to the globe.

### 2012

Brand 4.0: "Undertake Responsibility"

— "For the Clearer Sky and Greener Earth"

When Gree has established the brand foundation, Gree started to focus on social responsibility. With the grand mission 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 impressed global consumers greatly.

### 2017

Brand 5.0: "Serve the World"

— "Made in China, Loved by the World"

It's always the lofty ambition for Gree to represent "Made in China", rebuild the image of "Made in China" and promote Chinese self-developed brands in the world. Gree's target is not limited to the expansion of overseas market, but more importantly lead "Made in China" go globe with high-quality products and high-end technologies, for serving the global consumers. Made in China, Loved by the World!

# GREE ACHIEVEMENTS

## RANKING



## AWARDS AND CERTIFICATES



ISO 9001 Quality System Certificate



ISO 14001 Environment Management System Certificate



ISO 18001 Occupation Healthy Safety System Certificate



Canadian CSA Certificate



European Communities CE Certificate



American UL Certificate



Russian Safety Certificate



EQM



German GS Certificate



European EMC Certificate



Argentina Sale Certificate



China EMC Certificate



German TÜV Certificate



3C Certificate



Australian SAA Safe Certificate



Australia SAA Certificate



SASO Certificate



Mexico NOM Safety Certificate



CQC Certificate



America ETL Certificate



Hongkong Energy-saving Certificate



Hongkong Safety Certificate



Canadian ETL Certificate



Thailand TIS Certificate



# LEADING TECHNOLOGIES

## INTRODUCTION TO R32

### R32

Automatic Ignition Temperature  
Safety Level  
International Standard



Automatic ignition temperature for R32 is 648 °C.

Its safety level is defined as A2L by International Standard ISO817 and ISO5149. Except naked fire, all other ignition sources can't ignite R32. Once it's away from naked flame, it will extinguish automatically.

(Note: Except for some Japanese enterprises, American and UN transportation, R32 is directly classified as incombustible.)

The environment for R32 in the air conditioner is completely sealed, and it has passed strict leakage-prevention treatment. Therefore, no need to worry about the safety provided that it's installed correctly and operated normally. It's safer compared with the natural gas.

Comparison of performance parameters between R32 and R410A by taking 1P inverter air conditioner as an example:

Refrigerant	R32	R410A	R32	R410A
Test Content	Rated Cooling	Rated Cooling	Rated Heating	Rated Heating
Capacity (W)	2,723	2,531	3,842	3,643
Power (W)	841	829	1,153	1,126
EER/COP	3.24	3.05	3.33	3.24

Note: EER is the coefficient of cooling performance of the air conditioner, also called as energy efficiency ratio; COP is the coefficient of heating performance for the air conditioner.

EER and COP of R32 are 6% and 3% respectively, higher than R410A. In short, the overall cooling and heating performance of R32 is better than that of R410A.

  
Made in China, Loved by the World

- Adopt R32 refrigerant
- Higher cooling/heating efficiency
- Safe and eco-friendly

## 24 LEADING TECHNOLOGIES



**2018**

High-performance servo motor and driver specialized for Industrial robot



**2018**

Multi VRF system based on G-PLC without communication cable



**2018**

Photovoltaic energy storage direct-current technology for air conditioning unit



**2014**

Magnetic bearing inverter centrifugal compressor and chiller



**2013**

PV direct-driven inverter centrifugal chiller



**2012**

2-stage inverter compressor



**2018**

High-efficiency direct-cooling air conditioning unit for subway stations



**2018**

High-efficiency self-adaptive screw compressor under all working conditions



**2017**

NSJ series vehicle urea Intelligent machine



**2011**

Permanent-magnet synchronous Inverter centrifugal chiller



Rare earth free magnetic resistance inverter compressor



**2011**

Multi-functional floor heating type central air conditioner



**2017**

High efficiency household VRF unit based on different volume

**CAN<sup>+</sup>**



**2017**

Distributed air supply technology in heat pump air conditioners

**R290**  
New Refrigerant

**2011**

R290 environment-friendly air conditioner



**2011**

1Hz low-frequency control technology



**2010**

Super-high efficiency fix-speed compressor



**2016**

Triple-cylinder two-stage rotary compressor of variable volume ratio



**2016**

Cooling technology at ambient temperature of -40°C



**2016**

High-efficiency permanent-magnet synchronous Inverter centrifugal Ice-storage chiller

**G-Matrik**

**2010**

G-Matrik low-frequency control technology



**2009**

High-efficiency centrifugal chiller



**2005**

Ultra-low temperature digital VRF

## NEW REFRIGERANT TECHNOLOGY

In 2012, Gree has successfully developed the air conditioner adopting R290&R32 refrigerant, and was awarded the world's first VDE certificate of "R290&R32 Air Conditioner" issued by 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		Safety		Economic Performance	Efficiency
	ODP	GWP *	Flammability	Toxicity	Equipment cost	
Refrigerants currently used in developing countries	R22(HCFC)	0.055	1,810	●	●	●
Refrigerants currently used in industrialized countries	R410A(HFC)	0	2090	●	●	●
	R32(HFC)	0	675	○	●	●
Possible next-generation refrigerants	R1234yf(HFO)	0	4	○	●	○
	R744(CO <sub>2</sub> )	0	1	●	●	○
	R717(ammonia)	0	0	○	●	●
	R290(propane)	0	3.3	●	●	●
	R134a	0	675	○	●	●

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

**R290**

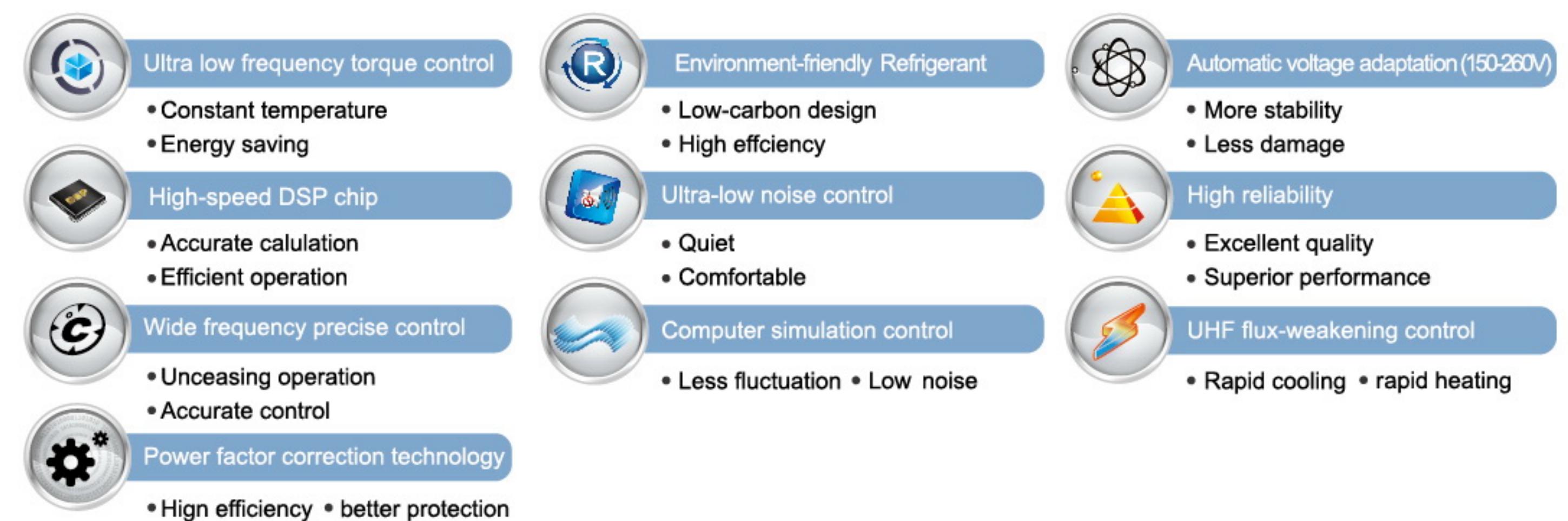
**R32**

**R410A**

**R134a**

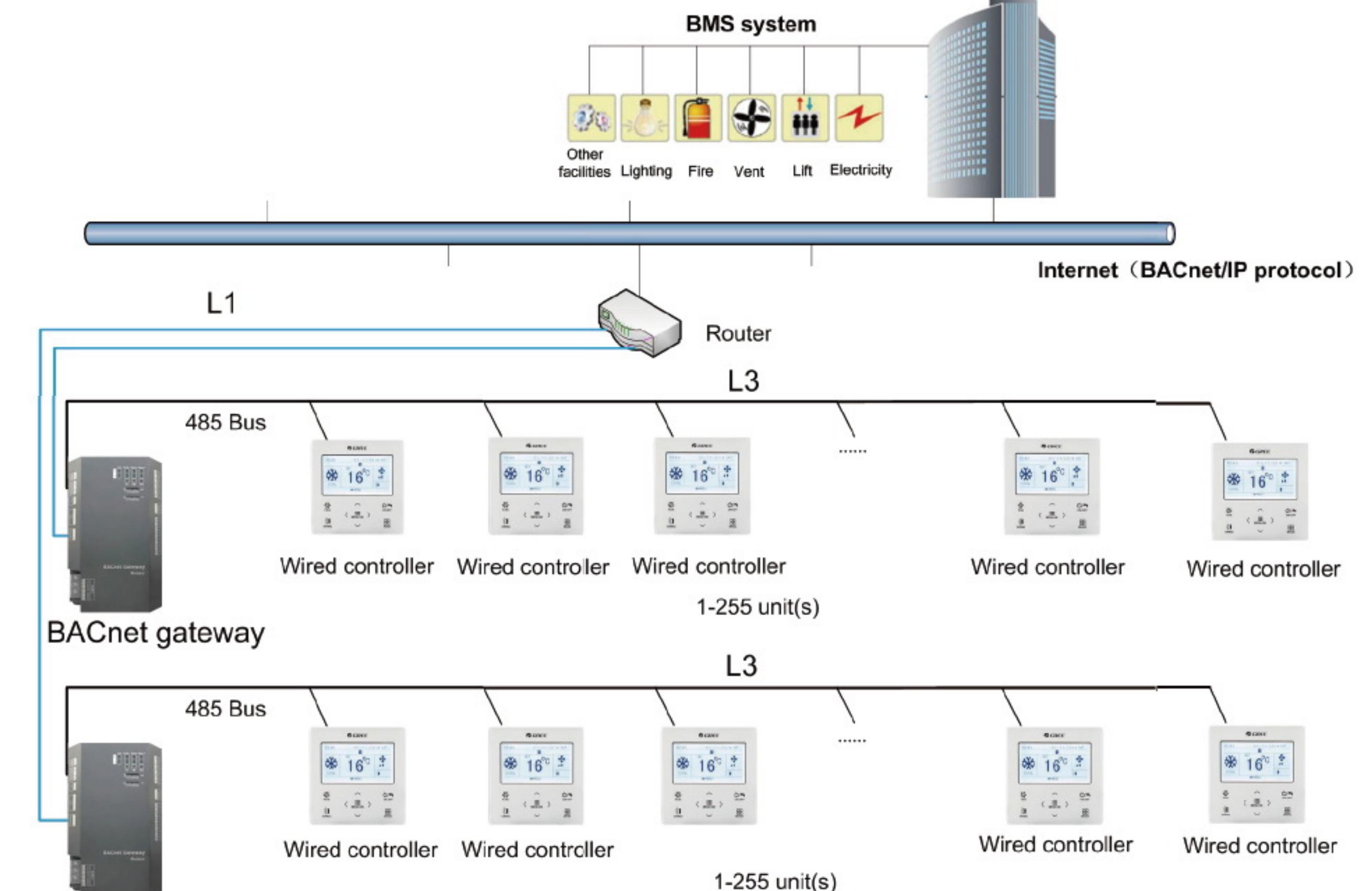
**R22**

## G10 INVERTER



## BACNET SYSTEM

Gree Free Match provides multiple intelligent controls for satisfying various demands. It can control both a room and a building at the same time.



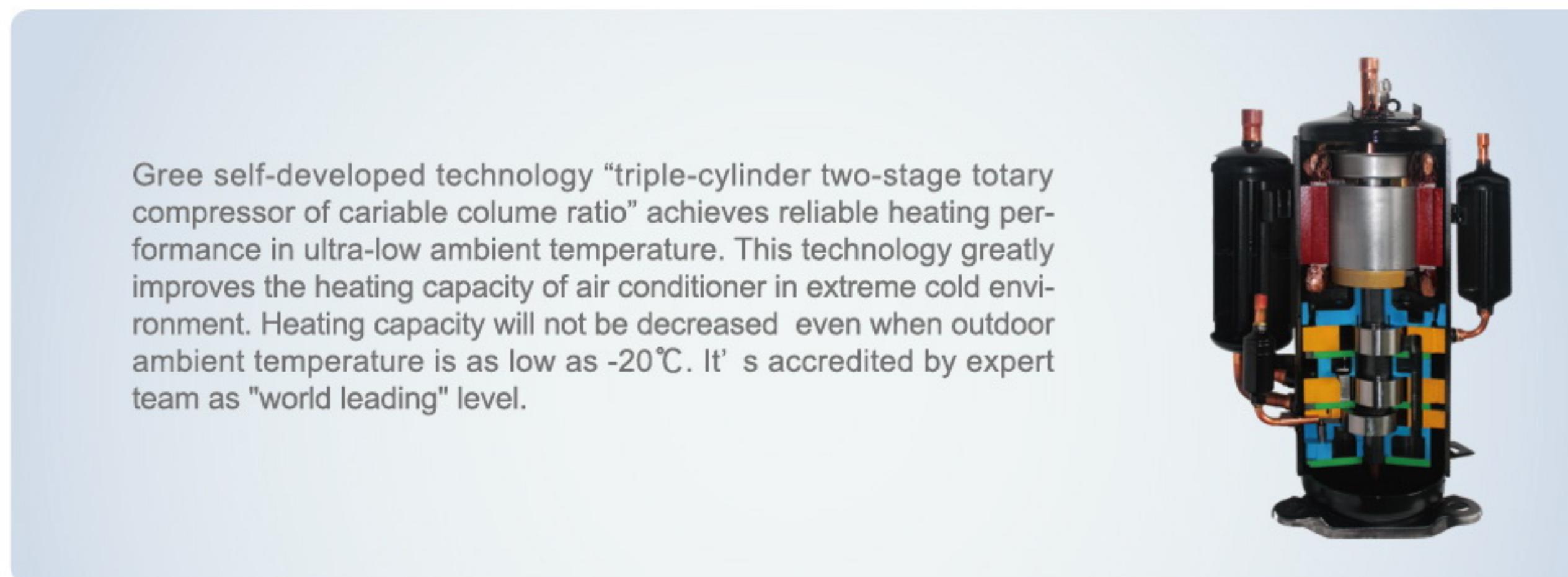
**NOTE:** L1 is the standard network cable and L3 is the twisted pair line.

**Internet for 485bus:** the black wire is 485bus, which is consisting of BACnet gateway and all IDUs and ODU of the system.

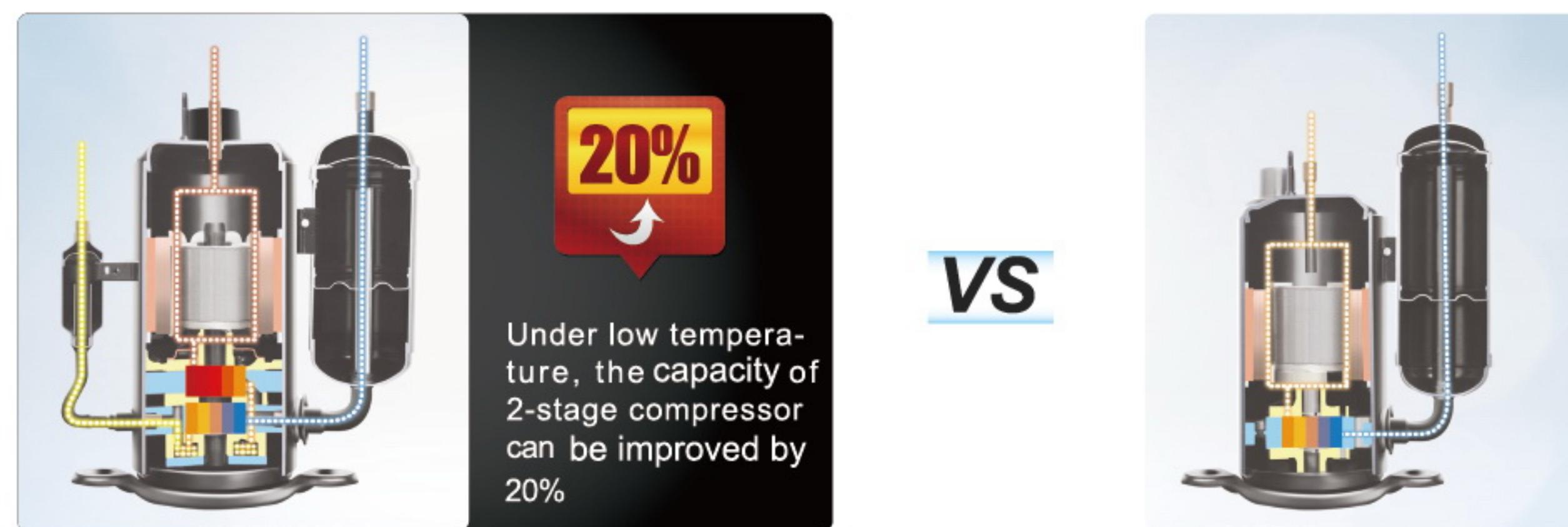
**System:** One 485bus internet can be connected to maximum 255 wired controllers. one system is a bus internet, consisting of one gateway and 1-255 wired controllers (including the subordinate IDU and ODU).

**The admissible unit quantity for BACnet gateway:** one BACnet gateway can be connected to a maximum of 255 wired controllers (including the subordinate IDU and ODU).

## Triple-cylinder Two-stage Rotary Compressor of Variable Volume Ratio ▶



## Two-Stage Compressor ▶



Gree 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	30%  35% Heating capacity is improved by 30% Cooling capacity is improved by 35%	Without improvement Without improvement Heating capacity and cooling capacity are not improved
Air outlet temperature	12°C  52°C The highest temperature at outlet is 52°C in heating mode ; The lowest temperature at air outlet is 12°C in cooling mode.	17°C  40°C The highest temperature at outlet is 40°C in heating mode ; The lowest temperature at air outlet is 17°C in cooling mode.

## New Generation WiFi Control \*

When installing Gree special APP "Smart Gree" on smart terminal and setting short distance mode or long distance mode, the air conditioner can be controlled by the smart terminal.



### Short Distance Mode:

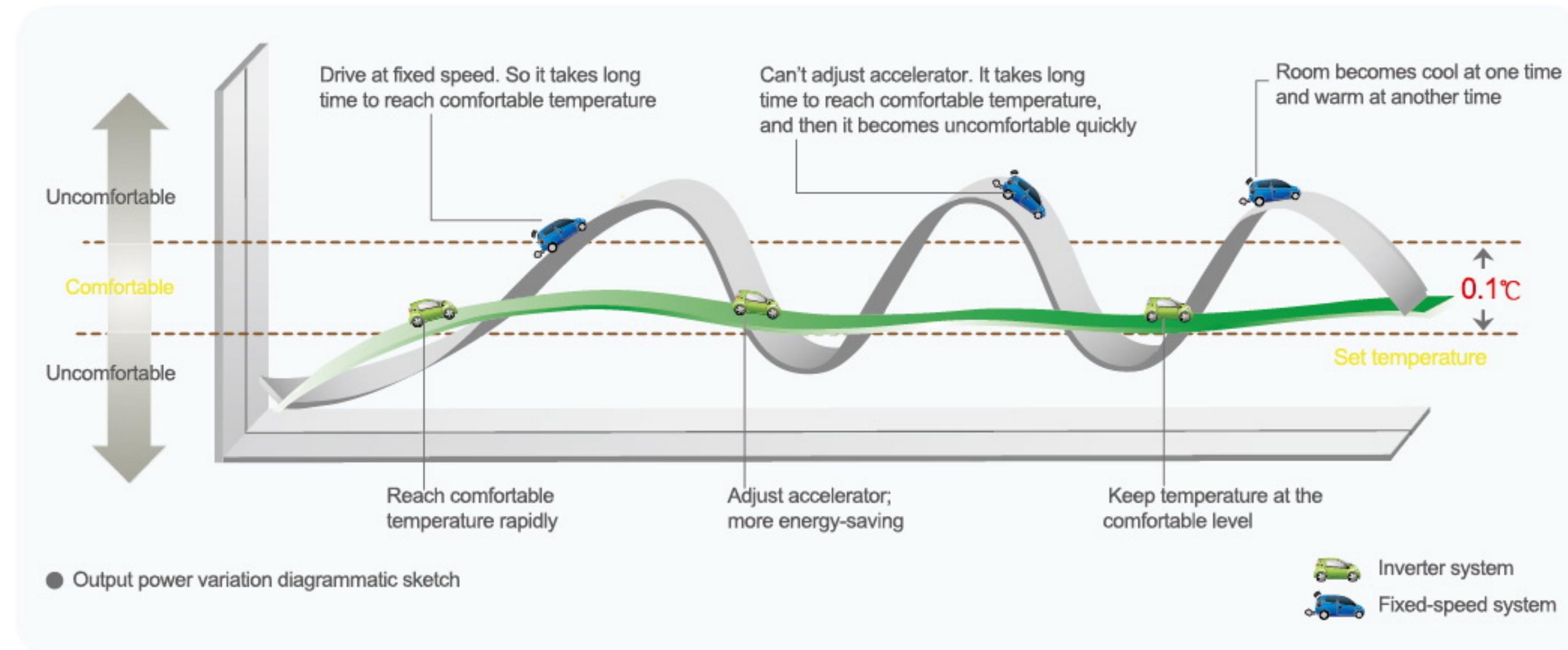
Smart terminal can connect to the air conditioner directly for remote control, no need wireless router, which is applicable for short distance control at home.



### Long distance mode:

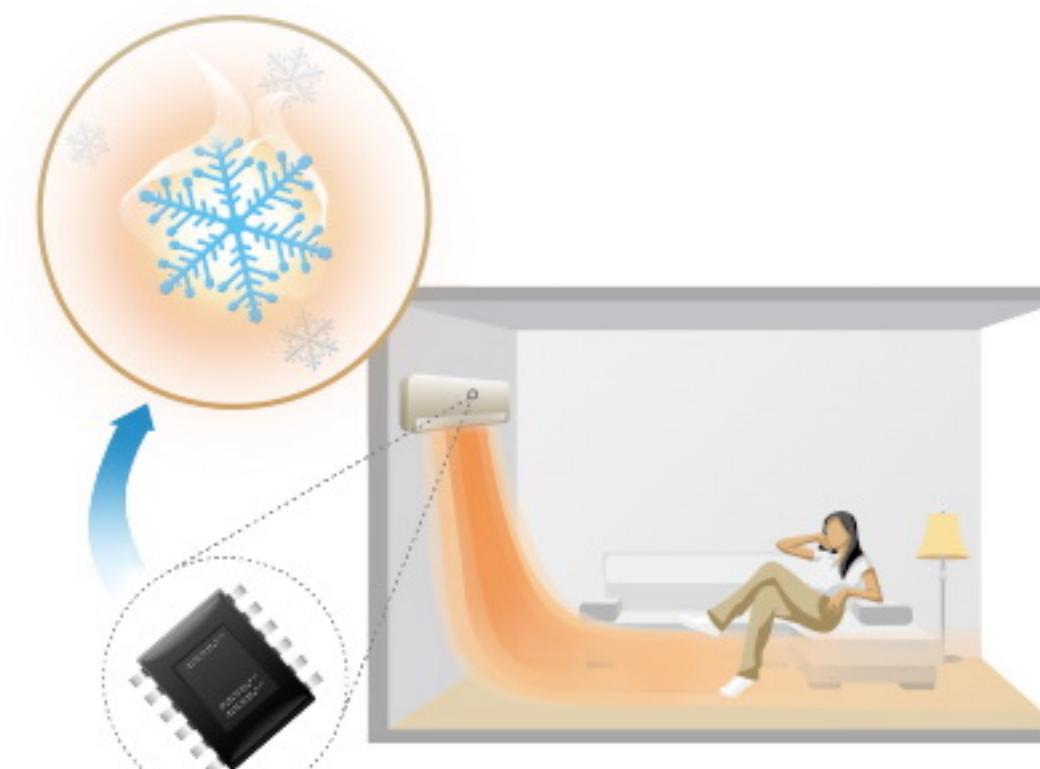
Users bind air conditioner, wireless router and Gree Cloud Platform together. When the smart terminal is connected to internet, log on Gree Cloud Platform can remotely control the air conditioner, which is applicable for long distance control.

## How Inverter Saves Energy

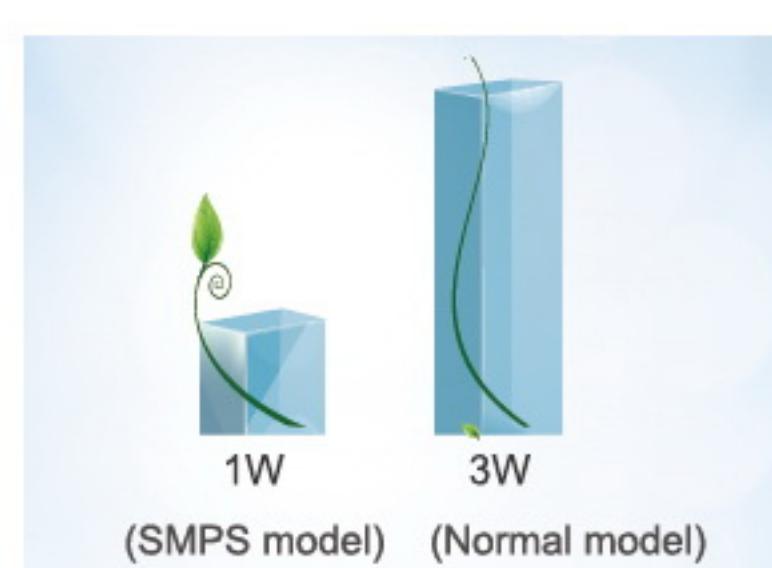


## Intelligent Defrosting

Adopting advanced and unique intelligent defrosting mode, Gree WiFi intelligent defrosting proprietary technology overcomes the defrosting defect of mechanical defrosting mode. It senses the frosting condition intelligently and only conduct defrosting when there is frost. which not only save energy, but also improve the heating effect.



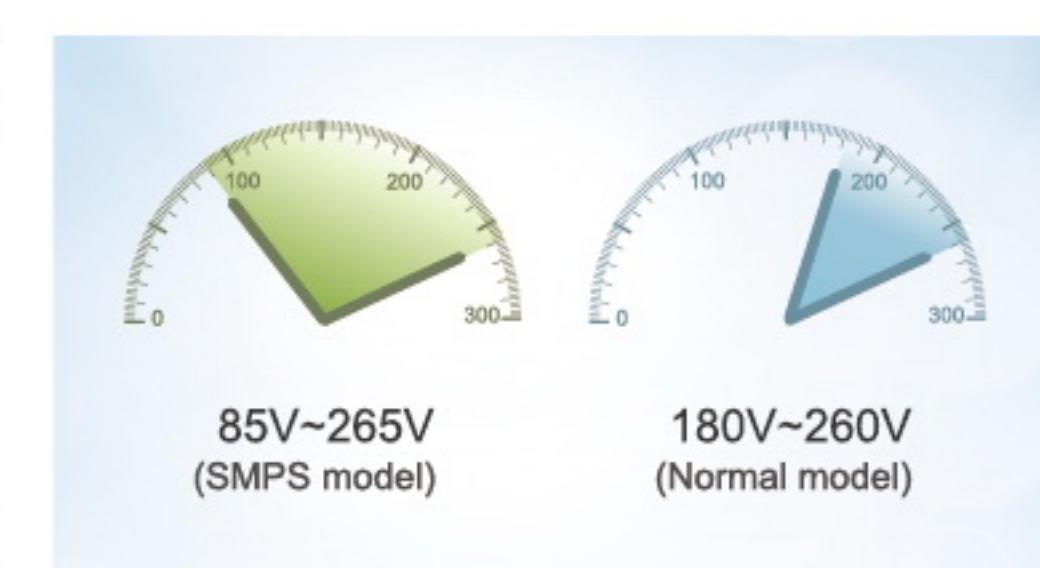
SMPS ▶



High efficient and quiet Fan ▶

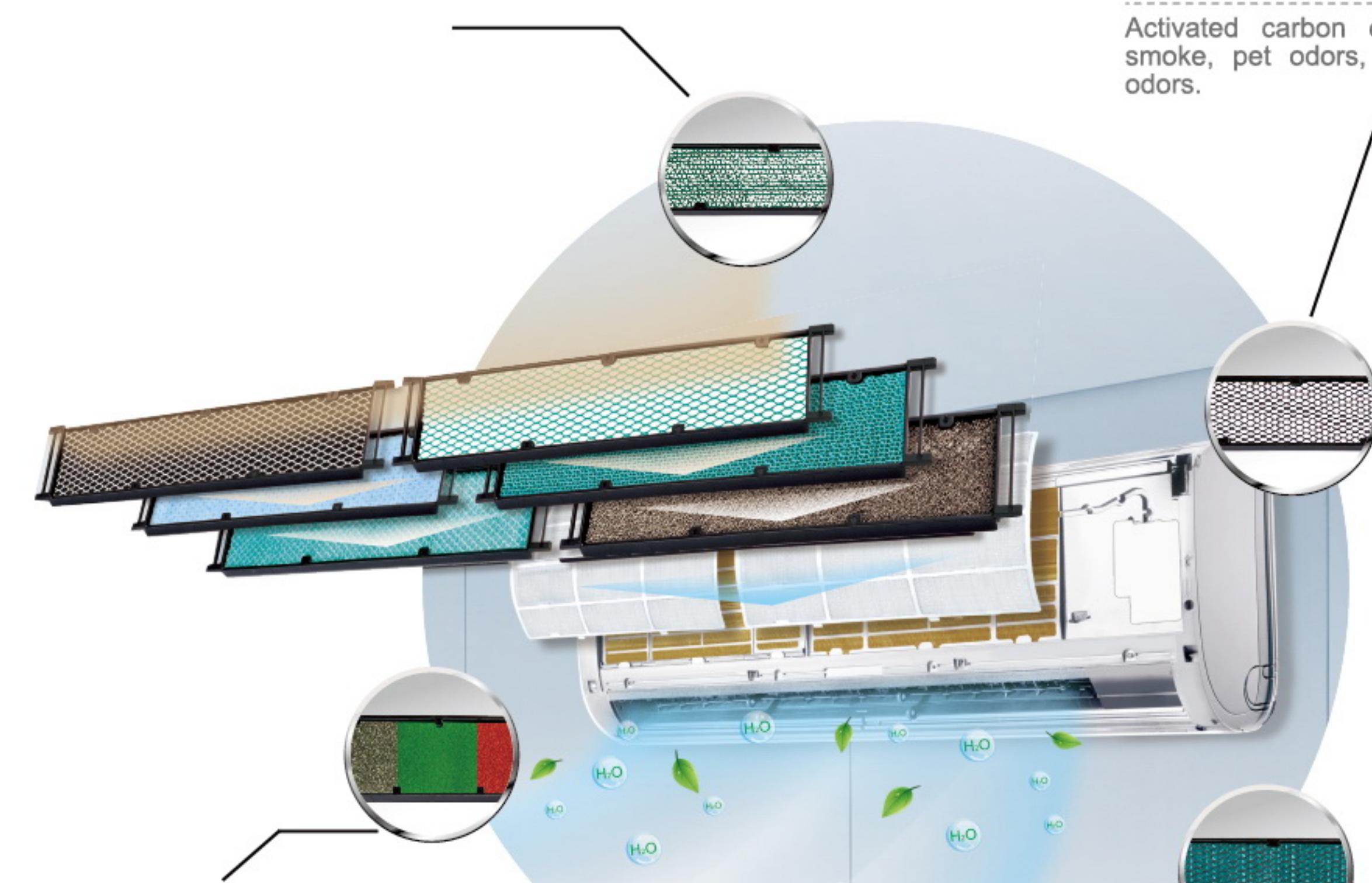


Better PCB protection between 85V-265V ▶



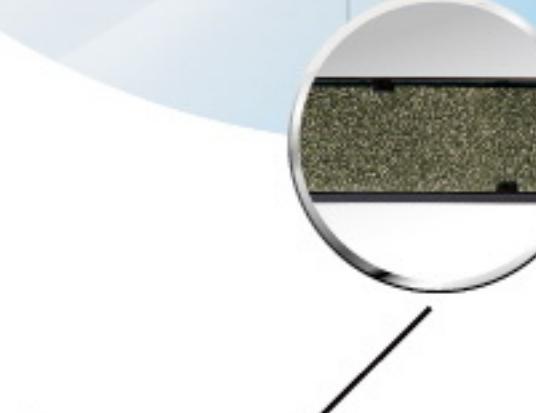
## Photocatalytic Filter

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



## Multifunctional Filter

It's composed of **3** filters (**6** different types), including acaro bacterium filter, silver ion filter, catechin filter, chitin filter, formaldehyde removal filter and vitamin C filter, meeting your various needs simultaneously.



## Catechin Filter

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

## Silver Ion Filter

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

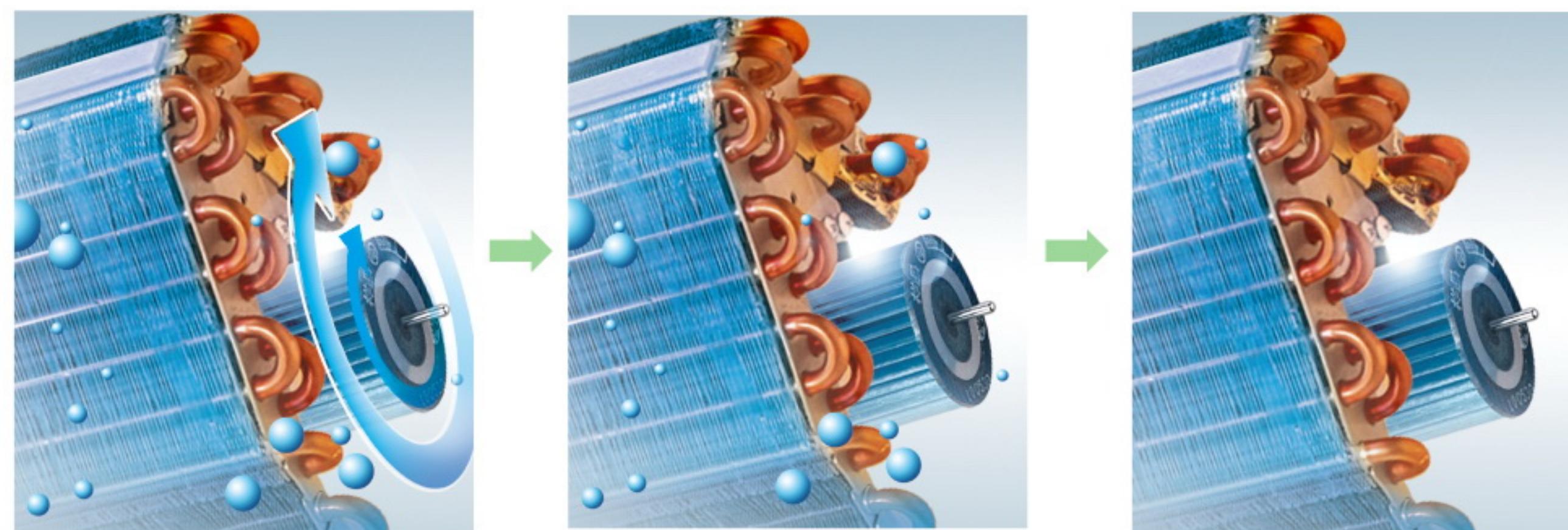
## Active Carbon Filter

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

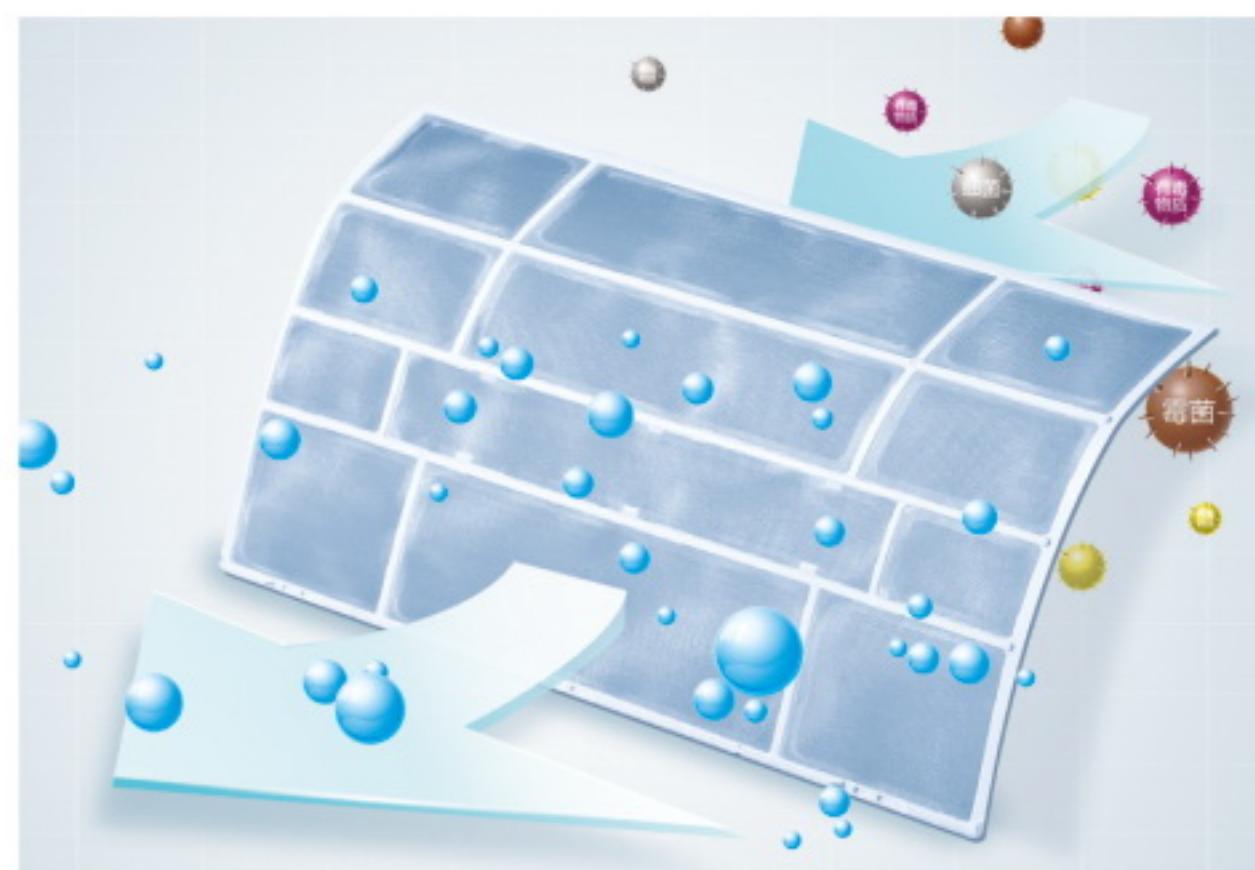


**Auto Clean ( X-FAN) ▶**

The cross fan continuous to blow to dry the inner side of indoor unit when the unit is turned off for keep it clean and healthy.

**High Density Filter ▶**

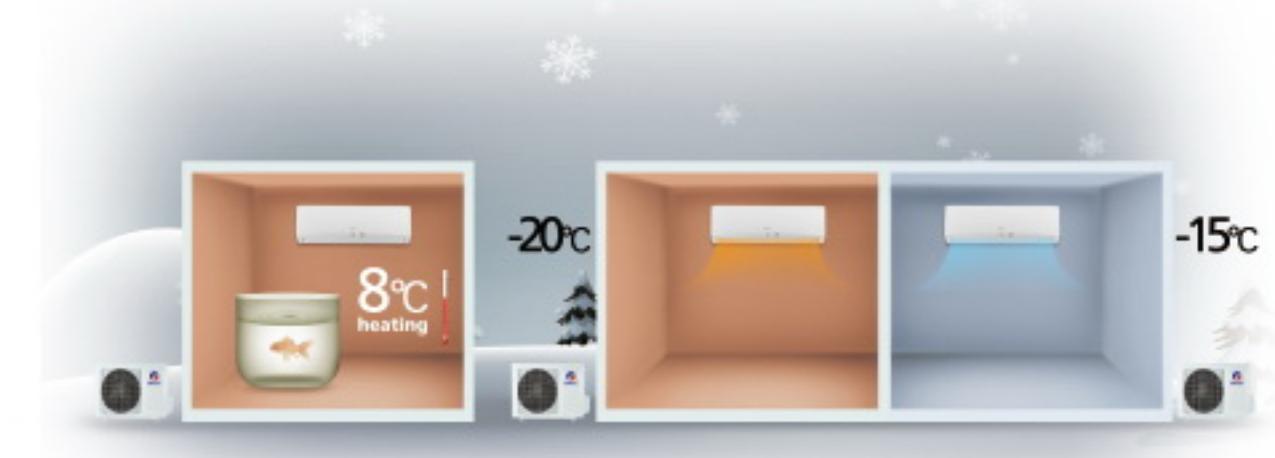
Higher density filter can efficiently prevent tiny dust and pollen in air from entering into the unit, keeping you away from dust particles for enjoying healthy and natural wind at any time.

**Cold Plasma ▶**

Effective sterilization and bacteria/odor removal. Provide the air with more negative oxygen ions.

**Low Ambient Temperature ▶****Low Noise ▶**

Noise is as low as 19dB, making you feel like staying on the moon.

**8°C Heating**

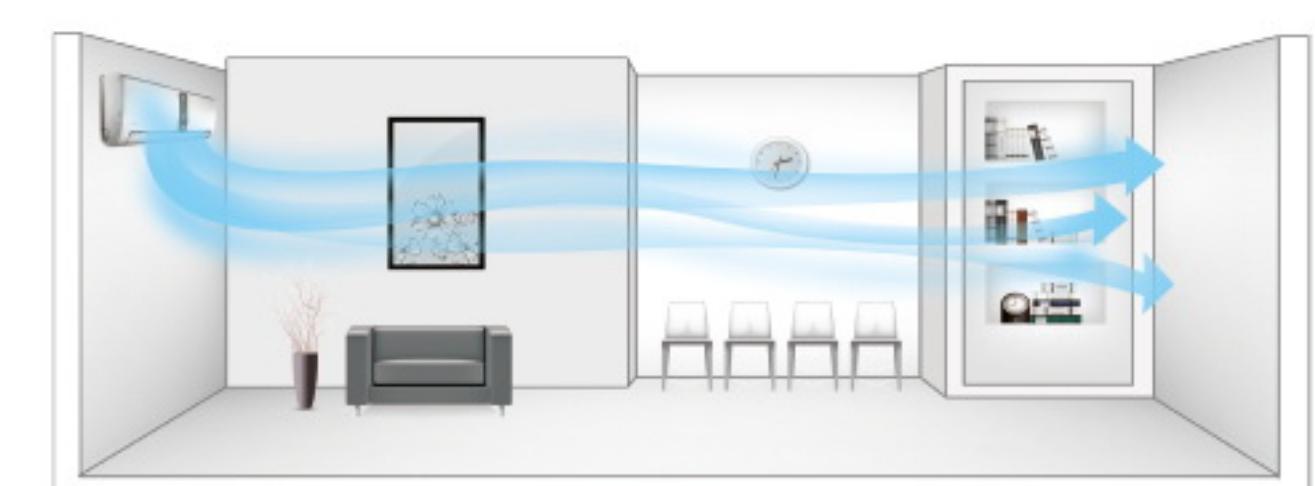
Maintain the room temperature steadily at 8°C and prevent the room from freezing by heating operation when nobody is at home for long time in the severe cold winter.

**-15°C Cooling**

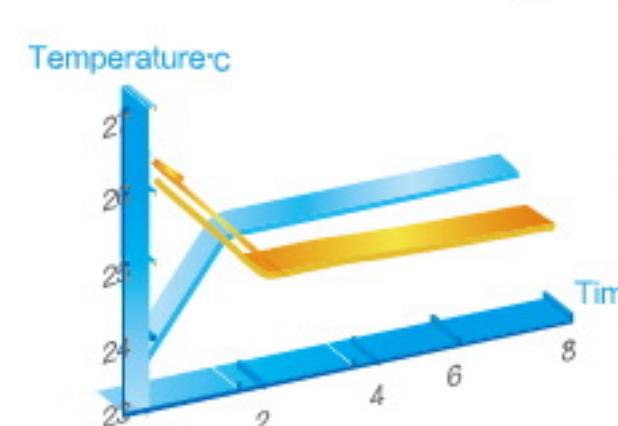
The unit operates stably under cooling mode at -15°C. As the outdoor temperature changes, the frequency of compressor and the fan speed will be adjusted accordingly.

**-20°C Heating**

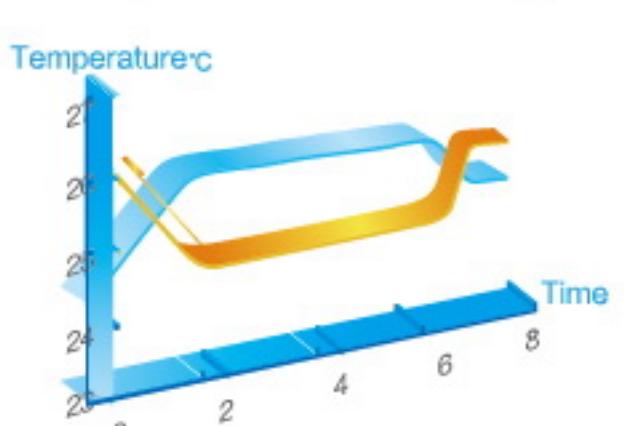
The unit operates stably under heating mode at -20°C. It is supported by GREE's electrical heating chassis, preheating technology and frequency-adjusting compressor.

**Turbo Cooling ▶**

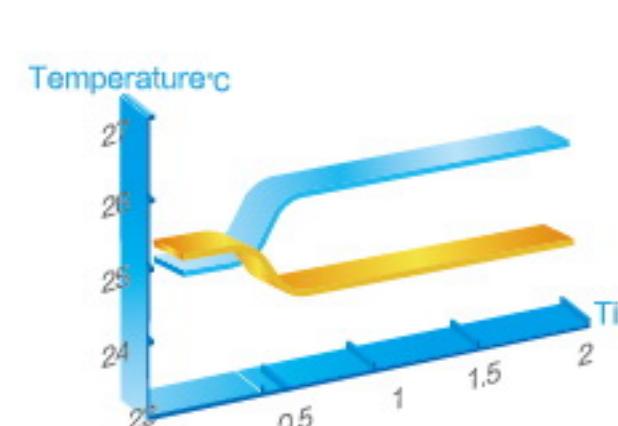
Press "Turbo" button on remote controller for big air flow, which enables the indoor temperature to reach the set temperature in a shorter time.

**Comfortable Sleep Mode ▶****• Sound sleep mode**

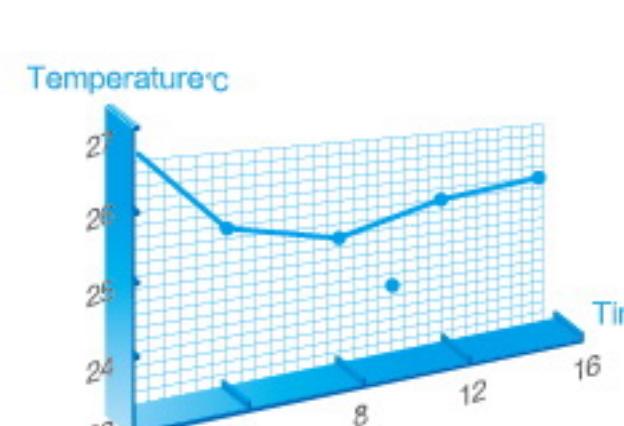
Set temperature is close to body temperature and it will be adjusted automatically and intelligently.

**• Good sleep mode**

Before your getting up, set temperature will decrease or increase automatically to refresh you in the morning.

**• Siesta mode**

Set temperature will be adjusted according to the characteristics of siesta, which can effectively increase the quality of siesta.

**• DIY mode**

Set the temperature curve and sleep time as you like.

## RELIABILITY

### Outdoor Unit Models ▶

Gree outdoor unit, with high-strength body, thickened Al-Zn alloy coated steel sheet and reinforced stamping, has improved the load of structure greatly to prolong the durability of outdoor unit.



5K—9K



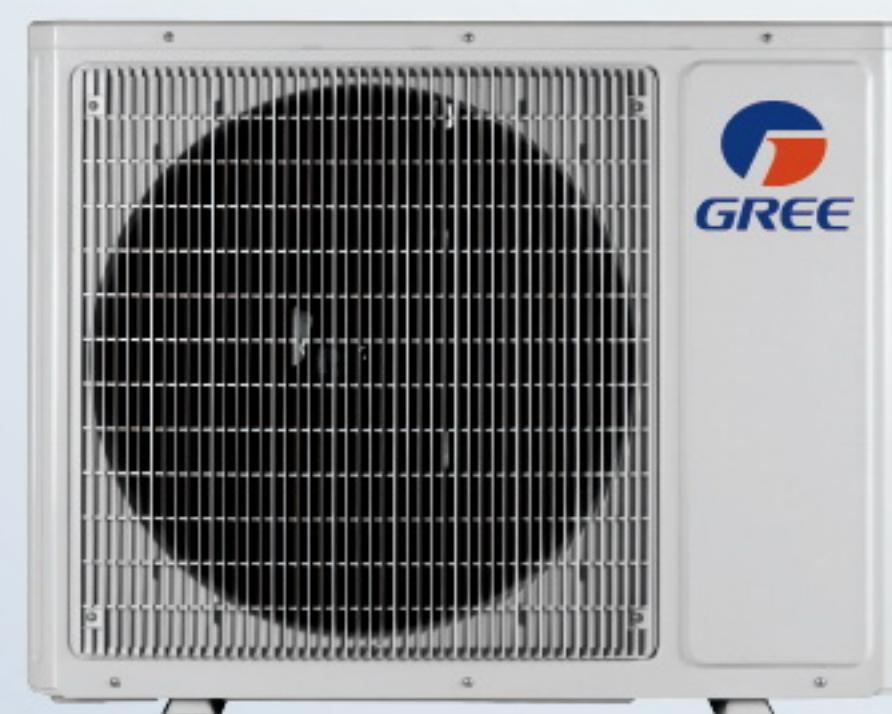
7K—12K



9K—18K



18K—24K



22K—28K



### High-efficiency drainage design of outdoor unit chassis ▶

The high-efficiency drainage design of outdoor unit chassis can drain water effectively under extreme conditions, to prevent serious icing.



### Mothproof and dustproof electric box of outdoor unit ▶

Electric box of outdoor unit is mothproof and dustproof, which is more reliable for outdoor operation.



### Anti-corrosive Golden/Blue Fin ▶

For some humid or coastal areas, Gree air conditioner adopts special anti-corrosive black aluminum foil with corrosion resistance up to 1500h and acid resistance up to 300h. Its anti-corrosive effect is better than normal fin, which enables long service life for the unit.



### Improved Base Pan Design ▶

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



### Control System ▶



Cutting-edge chip for precise inverter control

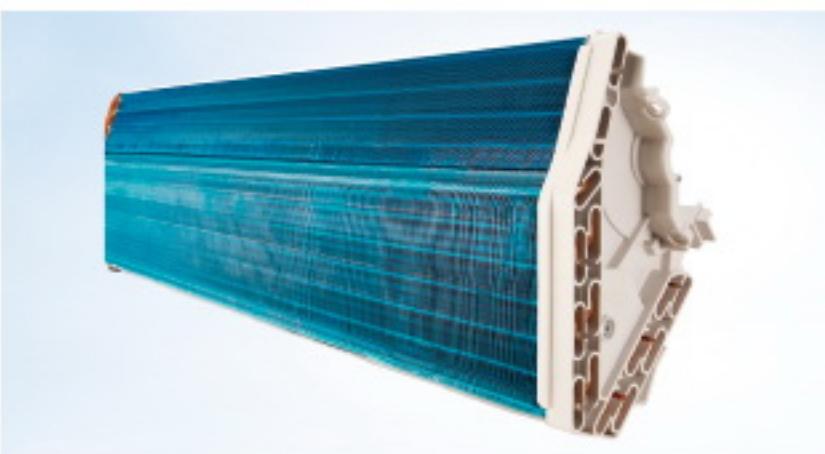
### Refrigerant leakage protection ▶

When refrigerant is insufficient and the valve is blocked, the indoor unit of air conditioner will display the error code "F0" and then stop operation. This function effectively protects the whole unit and safeguard the compressor against any damages caused by refrigerant leakage because of high temperature.



## Integrated Evaporator ▶

Compact design minimizes IDU size but enhances heat exchange efficiency greatly.



## Integrated Design ▶

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



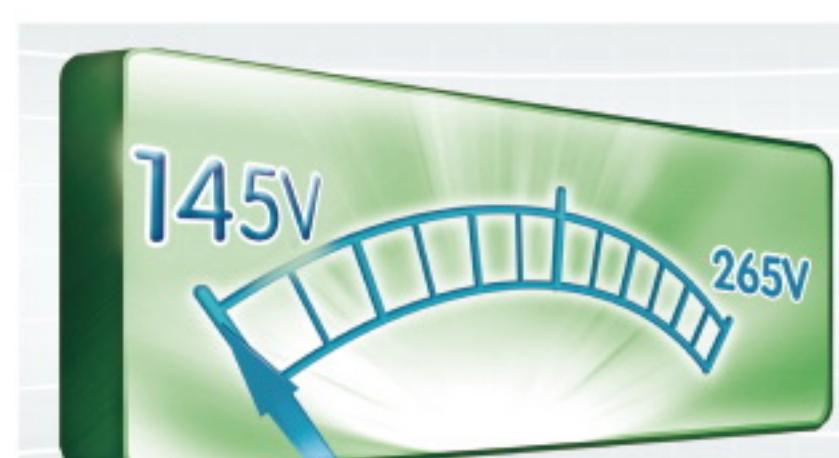
## Fire-proof Electric Box ▶

The electric box sealed by metal casing is fireproof.



## 145V Low Voltage Start Up ▶

The unit can 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 ▶

After power recovery, the unit will automatically restore the previous settings.



## Self-diagnosis ▶

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



## Refrigerant Leakage Protection ▶

When refrigerant is insufficient and the valve is blocked, the indoor unit of air conditioner will display the error code "F0" and then stop operation. This function effectively protects the whole unit and safeguard the compressor against any damages caused by refrigerant leakage because of high temperature.



- |                            |  |  |  |                                     |  |  |                        |
|----------------------------|--|--|--|-------------------------------------|--|--|------------------------|
| 1 TURBO                    | 2 -  | 3 半/全  | 4 CLOCK  | 5 TEMP                              | 6 LIGHT  | 7 WIFI   | 8 FAN                  |
| Rapid cooling or heating   | Decrease set temperature; hold the button for 2 seconds to decrease set temperature rapidly. | Start the ventilation system or generate cold plasma | Set present time or display timer                  | Show set indoor/outdoor temperature | Turn on/off the light on the unit  | WiFi control for short-distance and long distance operation              | Choose fan speed       |
| 9                          | 10 +   | 11   | 12 MODE  | 13 TIMER OFF                        | 14 IFEEL   | 15 SLEEP   | 16 QUIET               |
| Set horizontal swing angle | Increase set temperature; hold the button for 2 seconds to increase set temperature rapidly. | Set vertical swing angle                             | Set operation modes: auto, cool, dry, fan and heat | For turning off timer               | The unit adjusts the operation according to the temperature sensed by the remote controller for improving the comfort. | Air conditioner will run according to the preset sleep temperature curve | Choose auto quiet mode |

# Products Overview

Wall-mounted Type	Capacity(Btu/h)	7000	9000	11000	12000	16000	18000	21000	24000	28000	Page
U-Crown	DC Inverter,R410A		●		●		●				25
Hansol	DC Inverter,R410A		●		●		●		●		28
Amber	DC Inverter, R32		●		●		●		●		31
Fairy	DC Inverter,R32		●		●		●		●		34
Muse	DC Inverter,R32		●		●		●		●		37
Lomo	DC Inverter, R410A/R32		●		●		●		●		39
Bora	DC Inverter, R32		●		●		●		●		42
Floor Standing	Capacity(Btu/h)	24000		48000		60000					Page
I-Crown II	DC Inverter, R410A		●								45
I-Shine	DC Inverter, R410A		●								48
T-Fresh	DC Inverter, R410A		●								51
Portable Type	Capacity(Btu/h)	7000	8000	9000	10000	12000					Page
Moma	R290				●			●			54
Praise	R290		●		●						57
Purity	R290		●		●						59
Shiny	R290		●		●		●		●		61
Window Type	Capacity(Btu/h)	9000		12000							Page
Coolani	R32		●		●						63
Recreational Vehicle AC	Capacity(Btu/h)	8500		12000							Page
Shark	R410A		●		●						66

Dehumidifier	Dehumidifying Volume(L/D)	10	12	16	20	24	30	40	Page						
		10	12	16	20	24	30	40	Page						
Petal	R290		●						69						
Daisy	R290				●			●	71						
Fancy	R290				●		●		73						
Light Commercial	Capacity(Btu/h)	9000	12000	14000	18000	21000	24000	28000	30000	36000	42000	48000	56000	60000	Page
Console	DC Inverter R32		●		●		●								75
Free Match 4	R32		●		●		●		●		●		●		77
U-match	DC Inverter R32		●		●		●		●		●		●		84

Function	Series	U-Crown	Hansol	Amber	Fairy	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	Fairy	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



## U-Crown

**G<sup>10</sup>** 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

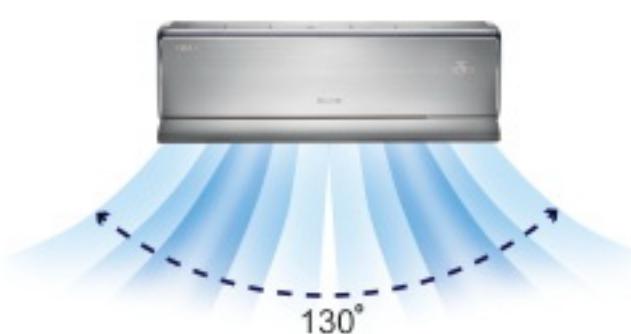
## Wall-mounted type



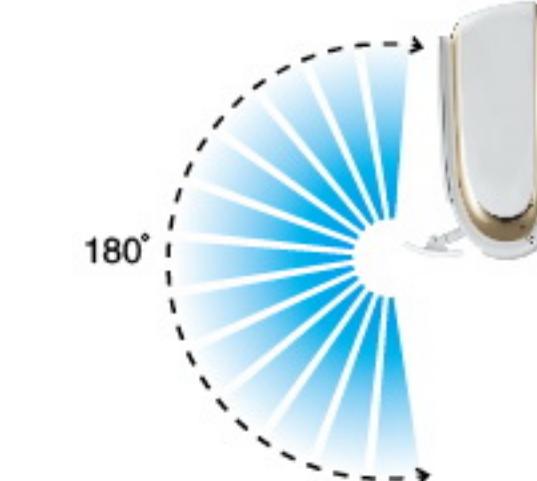
### ► Supply air from wide angle

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



### ► Energy-saving two-stage compressor

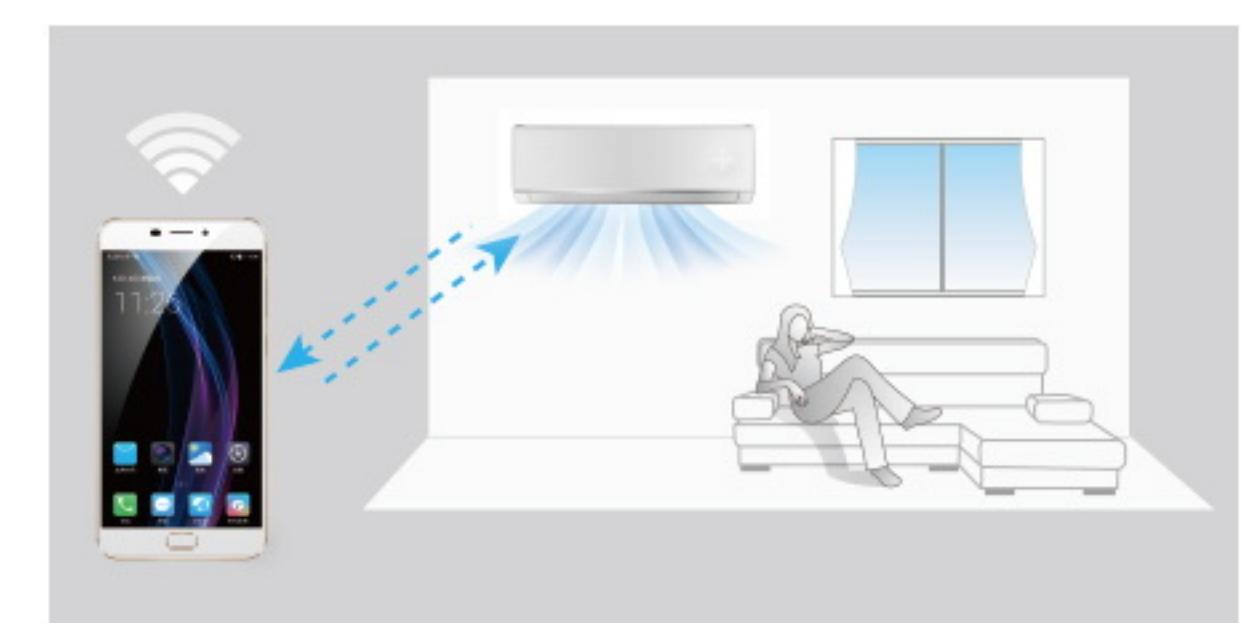
Super performance at the temperature from -30°C to 54°C.



	Gree 2-stage inverter compressor	Conventional inverter compressor
Applicable temperature range	-30°C ~ 54°C Reliable operation within -30°C~54°C	-15°C ~ 43°C Reliable operation within -15°C~43°C
Cooling (heating) capacity	Without Improvement: 30%; With Improvement: 35% Heating capacity is improved by 30%. Cooling capacity is improved by 35%	Without Improvement: 35%; With Improvement: 40% Heating capacity and Cooling capacity is not improved
Air outlet temperature	12°C ~ 52°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 ~ 40°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.

### ► WiFi intelligent control

You can control the operation of unit remotely by the APP in your smart phone, such as turning on or off the unit, setting mode and temperature, etc. For example: you can turn on the unit for cooling or heating in advance, so that you will feel comfortable when you arrive at home.



### ► 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.



Model			GWH09UB-K3DNA4F	GWH12UB-K3DNA4F	GWH18UC-K3DNA4F
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	8900(1300~13600)	12000(1300~15200)	18000(3100~18600)
	Heating	Btu/h	10200(1900~16400)	12300(1900~18400)	18000(2600~24700)
Pdesignh(A)Pdesignh(W)Pdesignh(C)		Btu/h	9200/9600/9200	10200/10900/10200	17800/18100/21200
SEER/SCOP(A)/SCOP(W)/SCOP(C)		W/W	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 Class Cool/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(100~1630)	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 Pressure Level	Indoor	dB(A)(SH/H/MH/M/ML/L/SL)	41/37/35/33/30/22/19	43/38/36/34/31/23/20	46/42/40/36/33/25/22
Outline Dimension		mm	860×305×170	860×305×170	960×320×205
Package Dimension		mm	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 Pressure Level	Outdoor	dB(A)	50	52	56
Piping Connection	Gas	mm	φ12	φ12	φ12
	Liquid	mm	φ6	φ6	φ6
Outline Dimension		mm	899×596×378	899×596×378	950×700×396
Package Dimension		mm	948×420×645	948×420×645	1029×458×750
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

  
Mono&Multi Compatible

  
8 °C Heating

  
-30 °C Heating

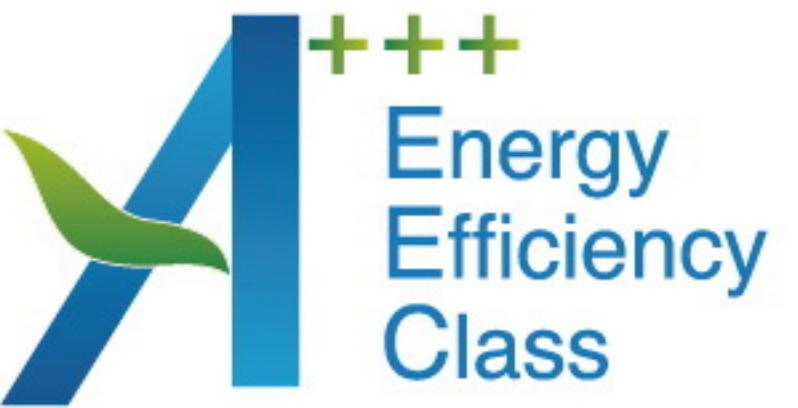
  
54 °C Cooling

Features: ● Standard ○ Optional

## Wall-mounted type

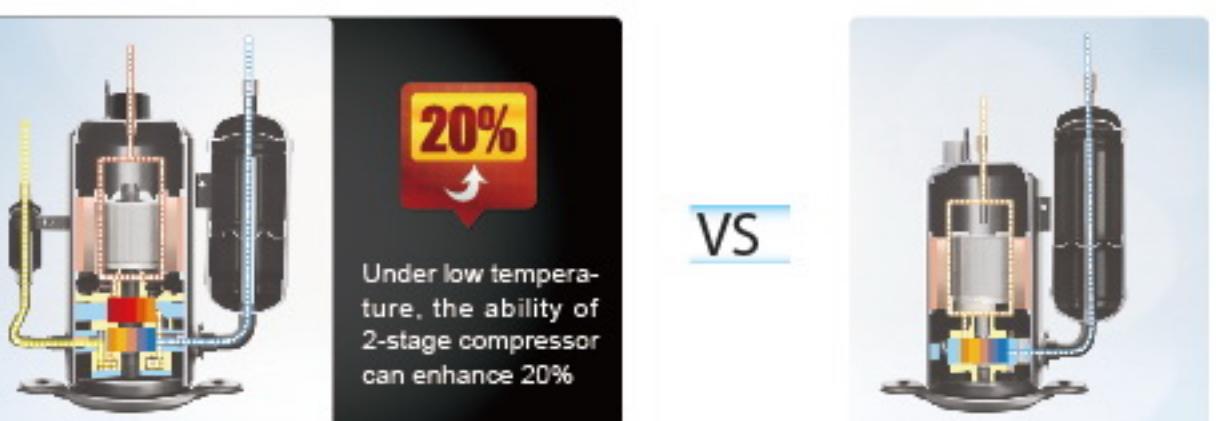


### High efficiency A+++



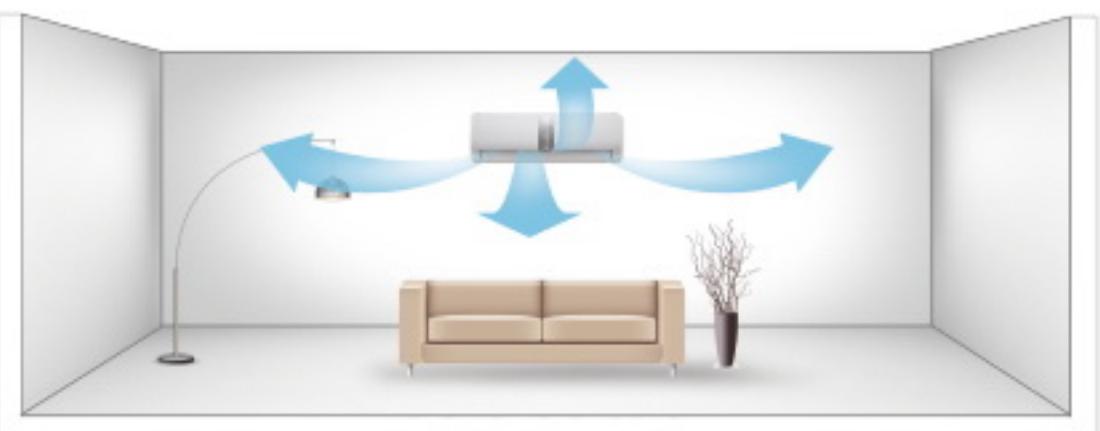
### Energy-saving two-stage compressor

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



### 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

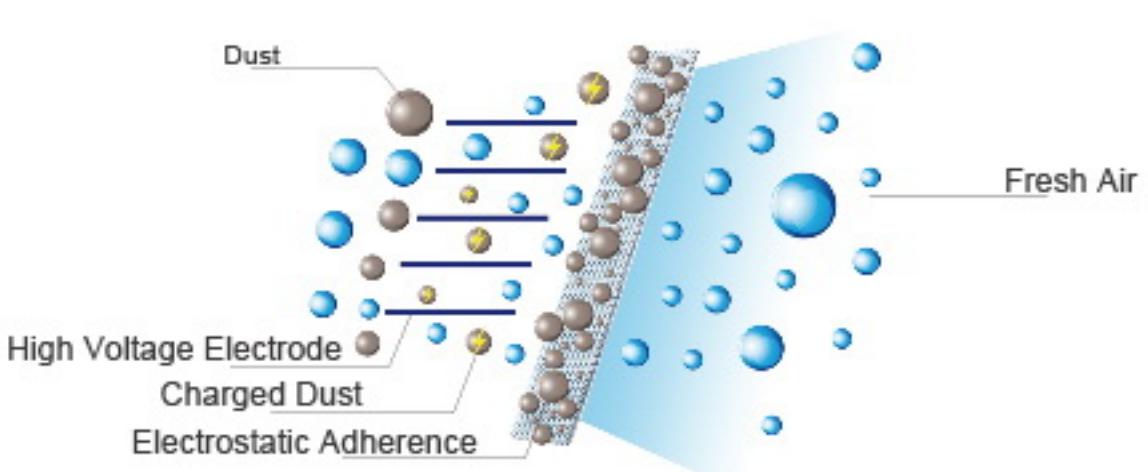
Press "Speed" button to select 7 kinds of fan speed at your will, quiet/low/middle-low/middle/middle-high/high/turbo, comfortable and pleasant with individual seating.



	Gree 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	30% ~ 35% Heating capacity is improved by 30% Cooling capacity is improved by 35%	Without Improvement Heating capacity and Cooling capacity is not improved
Air outlet temperature	12°C ~ 52°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 ~ 40°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.

### 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 (2050~10900)	8500 (2050~10900)	12000 (2050~13650)	18084(3412~21496)	23880(6620~29340)			
	Heating	Btu/h	10900 (2050~13600)	10900 (2050~13600)	13650 (2050~17000)	18425(3412~23202)	24900 (6480~30700)			
Pdesignh(A)Pdesignh(W)Pdesignh(C)	Btu/h	9200/9200/13600	9600/9600/13600	12000/12000/17100	18420/18420/18420	24000/24000/24000				
SEER/SCOP(A)/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	6.3/4.0/5.1/2.9				
Energy Class Cool/Heat(A)/Heat(W)/SCOP(C)	A++/A++/A+++/A+	A+++/A+++/A+++/A+	A++/A++/A+++/A+	A++/A++/A+++/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	1Ph,220-240V,50/60Hz				
Power Input	Cooling	W	600(120~1300)	600(120~1100)	900(120~1400)	1514(400~2450)	2000(450~3200)			
	Heating	W	800(120~1500)	650 (120~1600)	1000(120~1700)	1450(400~2500)	1960(380~3200)			
Rated Current	Cooling	A	6.0	4.9	6.5	13.7	13.31			
	Heating	A	6.7	7.1	8	14	14.2			
Airflow Volume	Indoor	m³/h(SH/HMH/MML/SL)	550/490/420/370/330/290/230	650/600/550/500/450/400/350	750/650/580/520/470/420/350	950/870/790/710/630/560/480	1200/1130/1060/990/920/850/780			
<b>Indoor Unit</b>										
Sound Pressure Level	Indoor	dB(A)/SH/HMH/MML/SL	39/36/32/30/29/28/26	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			
Outline Dimension	WxHxD	mm	816X292X209	866X292X209	866X292X209	1018X319X230	1178x326x264			
Package Dimension	WxHxD	mm	888x377x297	945x377x297	945x377x297	1097x397x340	1256x414x364			
Net Weight/Gross Weight	Indoor	kg	10.5/12.5	11.0/13	11.0/13	14/17	17/21			
<b>Outdoor Unit</b>										
Sound Pressure Level	Outdoor	dB(A)	50	54	54	56	58			
Piping Connection	Gas	mm	ø9.52	ø9.52	ø12	ø16	ø16			
	Liquid	mm	ø6	ø6	ø6	ø6	ø6			
Outline Dimension	WxHxD	mm	848X540X320	899X596X378	899X596X378	965X700X396	980x790x427			
Package Dimension	WxHxD	mm	881x363x595	948x420x645	948x420x645	1029x458x750	1083x488x855			
Net Weight/Gross Weight	Outdoor	kg	35/37.5	41/44	43/46	47.5/52	65/70			
<b>Indoor Unit</b>										
40'GP	sets	188	166	166	119	84				
40'HQ	sets	218	186	186	135	104				

### For Northern Europe

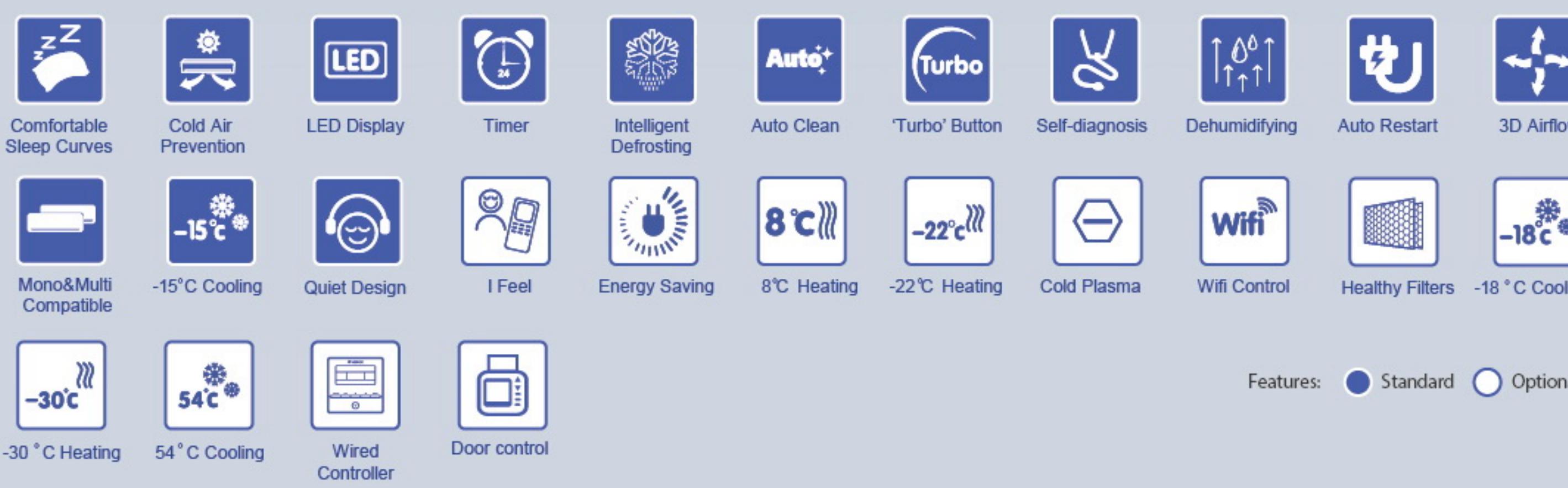
Model	GWH09TB-S3DNA3D*		GWH12TB-S3DBA3E*		GWH18TC-S3DBA3E*		GWH24TD-S3DBA3E*			
Function	Cooling/Heating		Cooling/Heating		Cooling/Heating		Cooling/Heating			
Capacity	Cooling(pdc)	Btu/h	8900(2050~10900)	12000(3000~13600)	18000(3412~21496)	24000(6800~29300)				
	Heating	Btu/h	10200(2050~13600)	12500(3000~18100)	18600(3412~23200)	24000(6500~30700)				
Pdesignh(A)/Pdesignh(W)/Pdesignh(C)	Btu/h	9600/9600/13600	12000/12600/17400	18425/18425/18425	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	6.5/4.6/4.6/3.3	6.2/4.0/4.6/3.3					
Energy Class Cool/Heat(A)/Heat(W)/SCOP(C)	A++/A++/A+++/A+	A++/A++/A+++/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	1Ph,220-240V,50Hz				
Power Input	Cooling	W	600(120~1100)	890(215~1300)	1510(300~2450)	2000(450~3700)				
	Heating	W	650(120~1600)	900(215~1900)	1465(300~2500)	1890(380~3700)				
Rated Current	Cooling	A	4.9	6.0	12.6	16.4				
	Heating	A	7.1	8.5	12.9	16.4				
Airflow Volume	Indoor	m³/h(SH/HMH/MML/SL)	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				
<b>Indoor Unit</b>										
Sound Pressure Level	Indoor	dB(A)/SH/HMH/MML/SL	C:38/31/29/26/23/21/19 H:39/36/33/31/29/27/25	C:43/35/33/29/26/24/20 H:42/36/35/34/31/27/25	C:45/43/40/37/34/30/25 H:47/42/39/36/31/27/25	C:49/45/43/40/37/33/30 H:51/47/45/42/39/36/32				
Outline Dimension	WxHxD	mm	866X292X209	866X292X209	1018X319X230	1178x326x249				
Package Dimension	WxHxD	mm	945x377x295	943X301X375	1097X340X397	1256 x414x364				
Net Weight/Gross Weight	Indoor	kg	11/13	11/13	14/17	17/21				
<b>Outdoor Unit</b>										
Sound Pressure Level	Outdoor	dB(A)	C:51 H:52	C:51						



## Wall-mounted type



### Amber



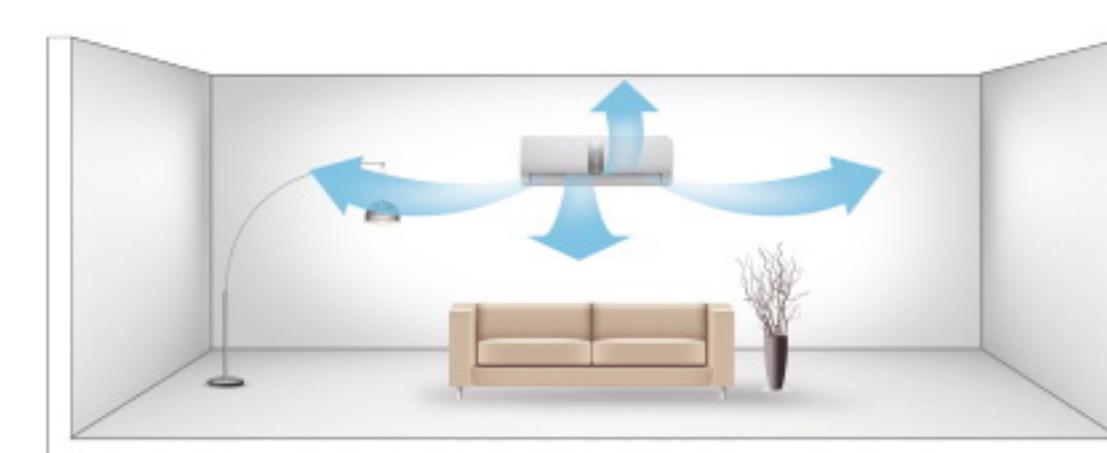
#### ► 8°C to 30°C Adjustable Heating Mode

The room temperature can be set steadily from 8°C to 30°C and prevent the room from freezing by heating operation when nobody is at home for long in severe winter, which makes you feel more comfortable.

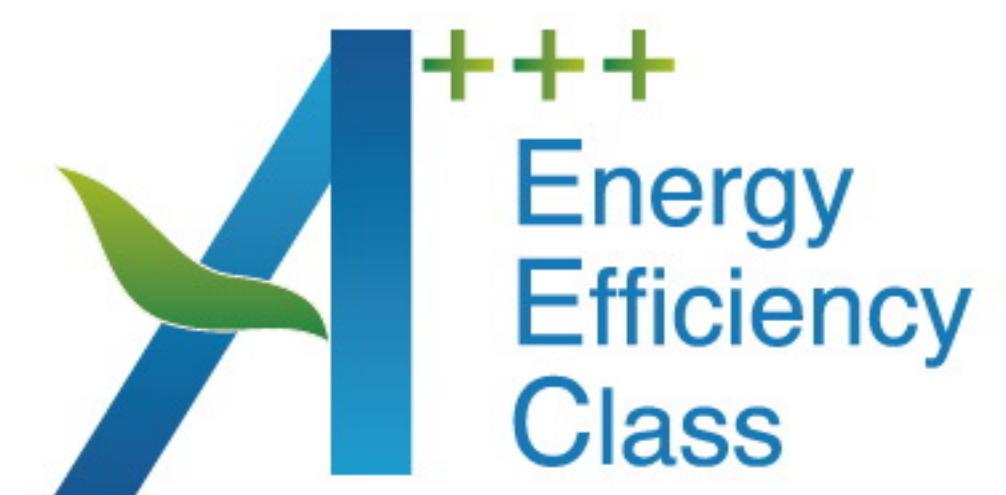


#### ► 4-way air outlet

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



#### ► High efficiency A+++



#### ► R32 Eco-friendly refrigerant

No damage to ozone layer; Higher heating exchange efficiency



Model		GWH09YC-K6DNA1A	GWH12YC-K6DNA1A	GWH18YD-K6DNA1A	GWH24YE-K6DNA1A
Function		Cooling/Heating		Cooling/Heating	
Capacity	Cooling	Btu/h	9200	12000	18080
	Heating	Btu/h	10000	13000	19000
Pdesignh (A) Pdesignh(W)Pdesignh®	KW	2.8/3.2/4	3.20/3.2/4.8	4.50/4.6/6.4	6.40/7.1/6.4
SEER/SCOP(A) SCOP(W)SCOP(C)	W/W	8.50/4.6/5.4/3.8	8.50/4.4/5.1/3.5	7.60/4.1/5.2/3.4	7.00/4.5/2.3.4
Energy Class Cool/ Heat (A)Heat(W)Heat®	A+++<Cooling>/A++<Average>/ A+++<Warmer>/A<Colder>	A+++<Cooling>/A++<Average>/ A+++<Warmer>/A<Colder>	A++<Cooling>/A+<Average>/ A++<Warmer>/A<Colder>	A++<Cooling>/A+<Average>/ A++<Warmer>/A<Colder>	A++<Cooling>/A+<Average>/ A++<Warmer>/A<Colder>
Power Supply	Ph,V,Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50
Power Input	Cooling	W	585	950	1550
	Heating	W	650	975	1428
Rated Current	Cooling	A	6.4	6.4	6.9
	Heating	A	7.6	7.6	6.3
Airflow Volume	Indoor	m³/h	660/590/540/490/450/420/390	680/590/540/490/450/420/390	850/750/700/610/560/520/450
Indoor Unit					
Sound Pressure Level	Indoor	dB(A) (SH/H/ML)	41/39/37/35/33/31/24	43/39/37/35/34/32/25	49/45/43/41/39/37/34
Outline Dimension	WxHxD	mm	865×290×210	865×290×210	996×301×225
Package Dimension	WxHxD	mm	931×281×379	931×281×379	1060×380×322
Net Weight / Gross Weight	Indoor	Kg	10.5/12.5	11/13	13.5/16.5
Outdoor Unit					
Sound Pressure Level	Outdoor	dB(A)	52	53	57
Piping Connection	Gas	mm/inch	φ9.52	φ9.52	φ12
	Liquid	mm/inch	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	848×596×320	848×596×320	965×700×396
Package Dimension	WxHxD	mm	881×363×645	881×363×645	1029×458×750
Net Weight/ Gross Weight	Outdoor	Kg	33.5/36.5	33.5/36.5	45/49.5
Loading Quantity					
40'GP	sets		198	198	125
	40'HQ	sets	229	229	145
					114
					130

### For Northern Europe

Model		GWH09YD-S6DBA2A *	GWH12YD-S6DBA2A *	GWH18YE-S6DBA2A *	GWH24YE-S6DBA2A *
Function		Cooling/Heating		Cooling/Heating	
Capacity	Cooling	Btu/h	9200	12000	18084
	Heating	Btu/h	12000	14300	19000
EER/COP	W/W	4.4/4.4	3.5/3.5/4.8	4.02/4.22	7000(btu/h)
SEER/SCOP(A)/SCOP(W)/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+++(W)/A(C)	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	550	900	1320
	Heating	W	745	950	1320
Rated Current	Cooling	A	3.52	4.2	13
	Heating	A	4.63	4.4	18
Airflow Volume	Indoor	m³/h(SH/H/ML)	800/720/570/560/500/450	850	1200/1150/1050/950/850/780/600
Indoor Unit					
Sound Power Level	Indoor	dB(A)(SH/H/ML)	43/39/37/35/33/31/24	46/44/41/39/37/31/24	60/57/55/52/49/47/45
Outline Dimension	WxHxD	mm	996×301×225	996×301×225	1101×327×249
Package Dimension	WxHxD	mm	1060×380×322	1060×380×322	1167×405×354
Net Weight/Gross Weight	Indoor	kg	13/16	13.5/16.5	16.5/20
Outdoor Unit					
Sound Power Level	Outdoor	dB(A)	53	56	63
Piping Connection	Gas	mm	φ9.52 / 3/8"	9.52 / 3/8"	16/ (5/8")
	Liquid	mm	φ6 / 1/4"	6 / 1/4"	6/ (1/4")
Outline Dimension	WxHxD	mm	899×596×378	899×596×378	980×790×427
Package Dimension	WxHxD	mm	948×645×420	948×645×420	1083×855×488
Net Weight/Gross Weight	Outdoor	kg	44.5/47.5	45/48	62.5/67.5
Loading Quantity					
40'GP	sets		156	156	86
	40'HQ	sets	180	180	107
					86
					107

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.



# Wall-mounted type



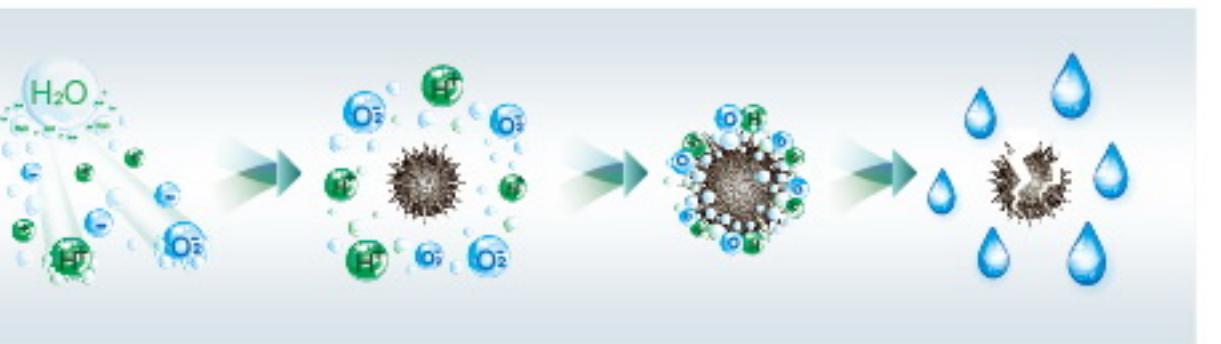
## Door control

This function enable you to use the door card to control the On/Off function, which help you to operate the air conditioner without remote controller.



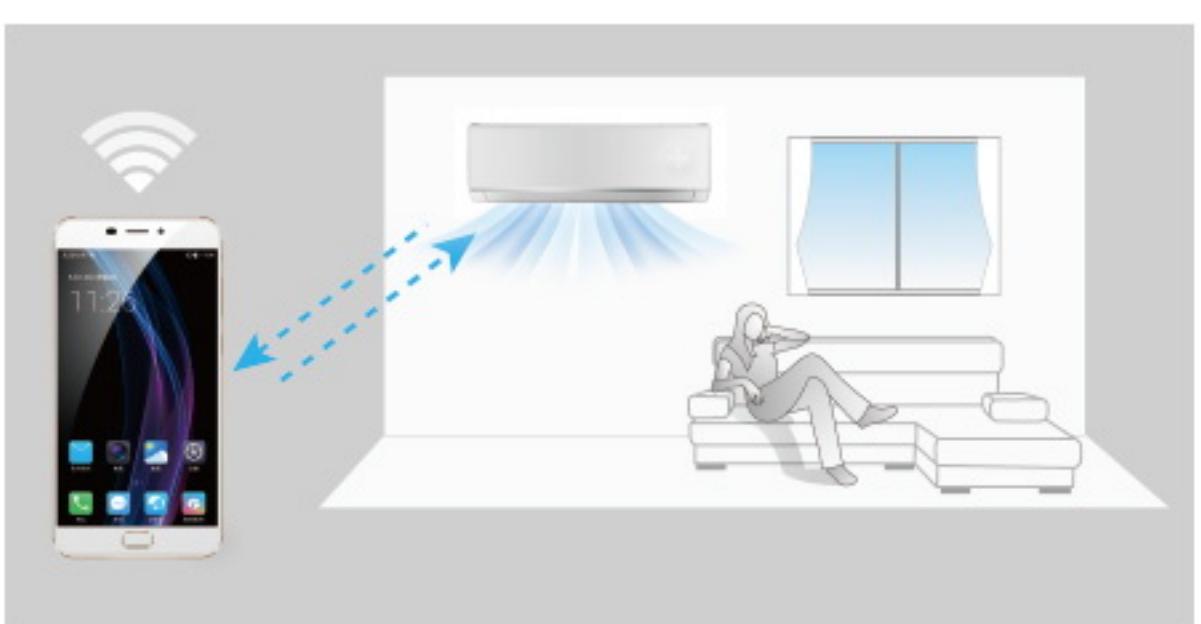
## Cold plasma

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



## WiFi intelligent control

You can control the operation of unit remotely by the APP in your smart phone, such as turning on or off the unit, setting mode and temperature, etc. For example: you can turn on the unit for cooling or heating in advance, so that you will feel comfortable when you arrive at home.



## Elegant Appearance

The curved design with the addition of rich side layers makes the unit light and thin .



The contours of fairy are embodied, creating a graceful appearance for the unit with clear and smooth lines.



Model			GWH09ACC-K6DNA1A	GWH12ACC-K6DNA1D
Function			Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	92000	12000
	Heating	Btu/h	10200	12500
Pdesignh (A)Pdesignh(W)Pdesignh®	KW		2.6/2.8/2.7	3.00/3.5/4.5
	W/W		6.80/4.1/5.1/3.3	7.00/4.5/1.3/2
Energy Class Cool/Heat (A)Heat(W)Heat®			A++ (Cooling) /A+ (Average) / A+++ (Warmer) /B<Colder>	A++ (Cooling) /A+ (Average) / A+++ (Warmer) /B<Colder>
Power Supply	Ph,V,Hz		1,220-240,50	1,220-240,50
	Cooling	W	805	1085
Power Input	Heating	W	779	990
	Cooling	A	6.3	6.6
Rated Current	Heating	A	6.8	6.8
	Indoor	m³/h	610/570/540/470/440/420/390	680/620/560/540/490/450/420/390
<b>Indoor Unit</b>				
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	40/37/35/32/30/28/26	42/38/36/34/32/29/26
Outline Dimension	WxHxD	mm	889×294×212	889×294×212
Package Dimension	WxHxD	mm	940×365×284	940×365×284
Net Weight /Gross Weight	Indoor	Kg	11/13	11/13
<b>Outdoor Unit</b>				
Sound Pressure Level	Outdoor	dB(A)	50	52
Piping Connection	Gas	mm/inch	ø9.52	ø9.52
	Liquid	mm/inch	ø6	ø6
Outline Dimension	WxHxD	mm	782×540×320	848×596×320
Package Dimension	WxHxD	mm	823×358×595	881×363×645
Net Weight/Gross Weight	Outdoor	Kg	27.5/30	31/34
Loading Quantity	40'GP	sets	211	191
	40'HQ	sets	252	218

Model			GWH18ACD-K6DNA1D	GWH24ACE-K6DNA1A
Function			Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	17742	23800
	Heating	Btu/h	18084	25250
Pdesignh (A)Pdesignh(W)Pdesignh®	KW		4.20/4.3/5	6.40/6.9/6.3
	W/W		7.0/4.5/1.3/4	6.50/4.5/1.3/3
Energy Class Cool/Heat (A)Heat(W)Heat®			SEER:A++/SCOP<A/W/C>: A+/A+++/A	A++ (Cooling) /A+ (Average) / A+++ (Warmer)/B<Colder>
Power Supply	Ph,V,Hz		1,220-240,50	1,220-240,50
	Cooling	W	1528	1900
Power Input	Heating	W	1410	1897
	Cooling	A	10.9	8.73
Rated Current	Heating	A	11.5	8.84
	Indoor	m³/h	800/720/650/610/570/520/470	1250/1100/1000/950/900/850/750
<b>Indoor Unit</b>				
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	45/43/41/38/35/34/31	48/45/42/39/37/36/33
Outline Dimension	WxHxD	mm	1013×307×221	1122×329×247
Package Dimension	WxHxD	mm	1080×378×315	1193×410×350
Net Weight /Gross Weight	Indoor	Kg	13.5/16.5	16.5/20
<b>Outdoor Unit</b>				
Sound Pressure Level	Outdoor	dB(A)	57	57
Piping Connection	Gas	mm/inch	ø12	ø16
	Liquid	mm/inch	ø6	ø6
Outline Dimension	WxHxD	mm	965×700×396	965×700×396
Package Dimension	WxHxD	mm	1029×458×750	1029×458×750
Net Weight/Gross Weight	Outdoor	Kg	45/49.5	53.5/58
Loading Quantity	40'GP	sets	125	111
	40'HQ	sets	142	128



## Muse

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	-15 °C Cooling	Healthy Filters	Cold Plasma	I Feel	8 °C Heating	-15 °C Heating	Wifi Control	Wired Controller	Door control

Features: ● Standard ○ Optional

Model	GWH09AFC-K6DNA1A		GWH12AFC-K6DNA1D		GWH18AFD-K6DNA1D		GWH24AFE-K6DNA1A	
Function	Cooling/Heating		Cooling/Heating		Cooling/Heating		Cooling/Heating	
Capacity	Cooling Heating	Btu/h Btu/h	9200 10200	11942 12522	17742 18084	23880 25250		
Pdesignh (A)Pdesignh (W)Pdesignh@	KW		2.60/2.80/2.70	3.00/3.50/4.5	4.20/4.30/5.00	6.40/6.90/6.30		
SEER/SCOP(A)SCOP (W)SCOP(C)	W/W		6.8/4.1/5.1/3.3	7.00/-4.00/3.2	7.0/4.5/1.3/4	6.50/-4.00/3.30		
Energy Class Cool/Heat (A)Heat(W)Heat@	A++ (Cooling) /A+ (Average) /A+++ (Warmer) /B<Colder>		A++ (Cooling) /A+ (Average) /A+++ (Warmer) /B<Colder>	SEER:A++/SCOP<A/W/C>: A+/A++/A	A++ (Cooling) /A+ (Average) /A+++ (Warmer/B<Colder>			
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 Heating	W W	805 779	1085 990	1528 1410	1900 1897		
Rated Current	Cooling Heating	A A	6.3 6.8	6.6 6.8	10.9 11.5	15 17.5		
Airflow Volume	Indoor	m³/h	610/570/540/470/440/420/390	680/620/560/490/450/420/390	800/720/650/610/570/520/470	1250/1100/1000/950/900/850/750		
Indoor Unit								
Sound Pressure Level	Indoor	dB(A) (SH/H/M/L)	40/37/35/32/30/28/26	42/38/35/32/30/28/26	45/43/41/38/35/34/31	48/45/42/39/37/36/33		
Outline Dimension	WxHxD		mm	894×291×211	894×291×211	1017×304×221	1135×328×247	
Package Dimension	WxHxD		mm	948×365×289	948×365×289	1080×378×315	1193×410×350	
Net Weight / Gross Weight	Indoor	Kg	11/13	11/13	13.5/16.5	16.5/20		
Outdoor Unit								
Sound Pressure Level	Outdoor	dB(A)	50	52	57	57		
Piping Connection	Gas Liquid	mm/inch mm/inch	ø9.52 ø6	ø9.52 ø6	ø12 ø6	ø16 ø6		
Outline Dimension	WxHxD		mm	782×540×320	848×596×320	965×700×396	963×700×396	
Package Dimension	WxHxD		mm	823×358×595	881×363×645	1029×458×750	1029×458×750	
Net Weight/ Gross Weight	Outdoor	Kg	27.5/30	31/34	45/49.5	53.5/58		
Loading Quantity	40'GP 40'HQ	sets	203 242	191 218	125 142	111 128		



## Wall-mounted type



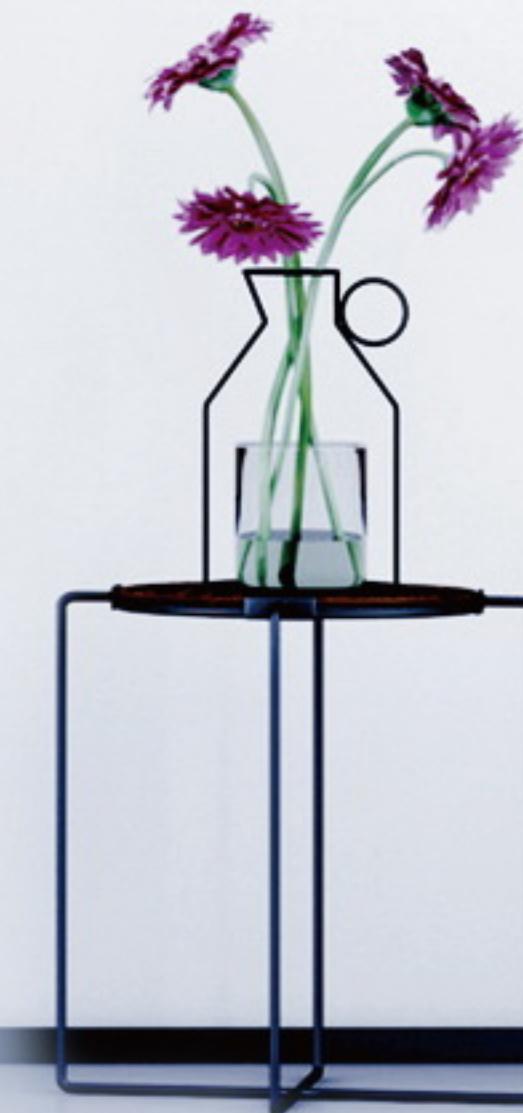
### ► Soft start

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)



## Lomo



Features: Standard Optional

### ► Adjustable memory

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



### ► Wire control (optional)

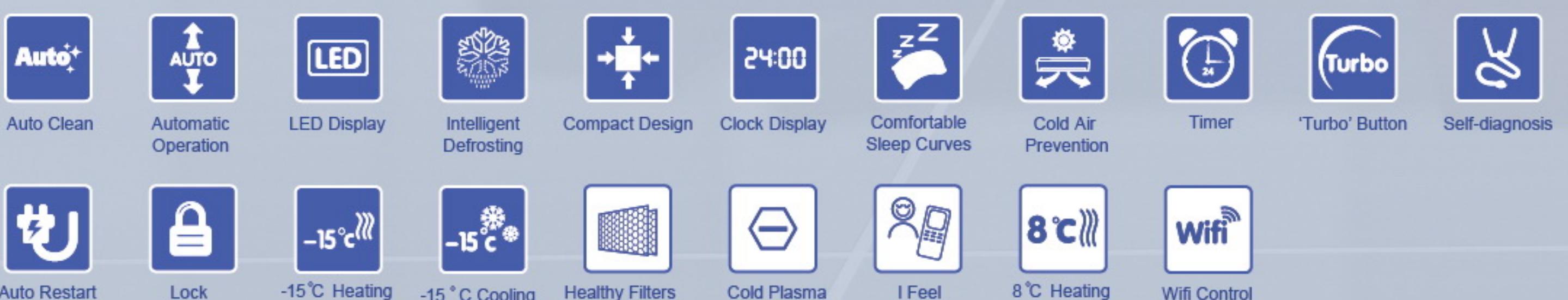
If you need the wired controller, please ask the installation personnel to connect it when installing the air conditioner. However, the normal operation won't be affected if the wire controller is not connected.



Model		GWH09QB-K6DNA1E	GWH12QC-K6DNA1D	GWH18QD-K6DNA1D	GWH24QE-K6DNA1E
Function		Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	9200	12000	17742
	Heating	Btu/h	9600	12500	18084
Pdesignh (A)Pdesignh (W)Pdesignh@		KW	2.60/2.8/2.7	3.00/3.5/4.5	4.20/4.3/5
SEER/SCOP(A)SCOP (W)SCOP(C)		W/W	6.80/4/5.1/3.2	7.00/4/5.1/3.2	7.0/4/5.1/3.4
Energy Class Cool/Heat (A)Heat(W)Heat@		A++ (Cooling) /A+ (Average) /A+++ (Warmer) /B<Colder>	A++ (Cooling) /A+ (Average) /A+++ (Warmer) /B<Colder>	SEER:A++/SCOP<A/W/C>: A+A++/A	A++ (Cooling) /A+ (Average) A+++ (Warmer/B<Colder>)
Power Supply		Ph,V,Hz	1,220-240,50	1,220-240,50	1,220-240,50
Power Input	Cooling	W	820	1085	1528
	Heating	W	755	990	1410
Rated Current	Cooling	A	6.3	6.69	10.9
	Heating	A	6.8	6.8	11.5
Airflow Volume		Indoor	m³/h	560/490/460/430/380/330/290	680/620/560/490/450/420/390
				800/720/650/610/570/520/470	1250/1100/1000/950/900/850/750
Sound Pressure Level		Indoor	dB(A)(SH/H/M/L)	41/37/35/32/29/26/24	42/38/36/34/32/29/26
Outline Dimension		WxHxD	mm	790×275×200	845×289×209
Package Dimension		WxHxD	mm	866×271×367	921×281×379
Net Weight/Gross Weight		Indoor	Kg	9/11	10.5/12.5
					13.5/16.5
Sound Pressure Level		Outdoor	dB(A)	50	52
Piping Connection	Gas	mm/inch	φ9.52	φ9.52	φ12
	Liquid	mm/inch	φ6	φ6	φ6
Outline Dimension		WxHxD	mm	776×540×320	848×596×320
Package Dimension		WxHxD	mm	823×358×595	881×363×645
Net Weight/Gross Weight		Outdoor	Kg	27.5/30	31/34
					45/49.5
Loading Quantity		40'GP	sets	224	196
		40'HQ	sets	262	226
					146
					131



## Bora



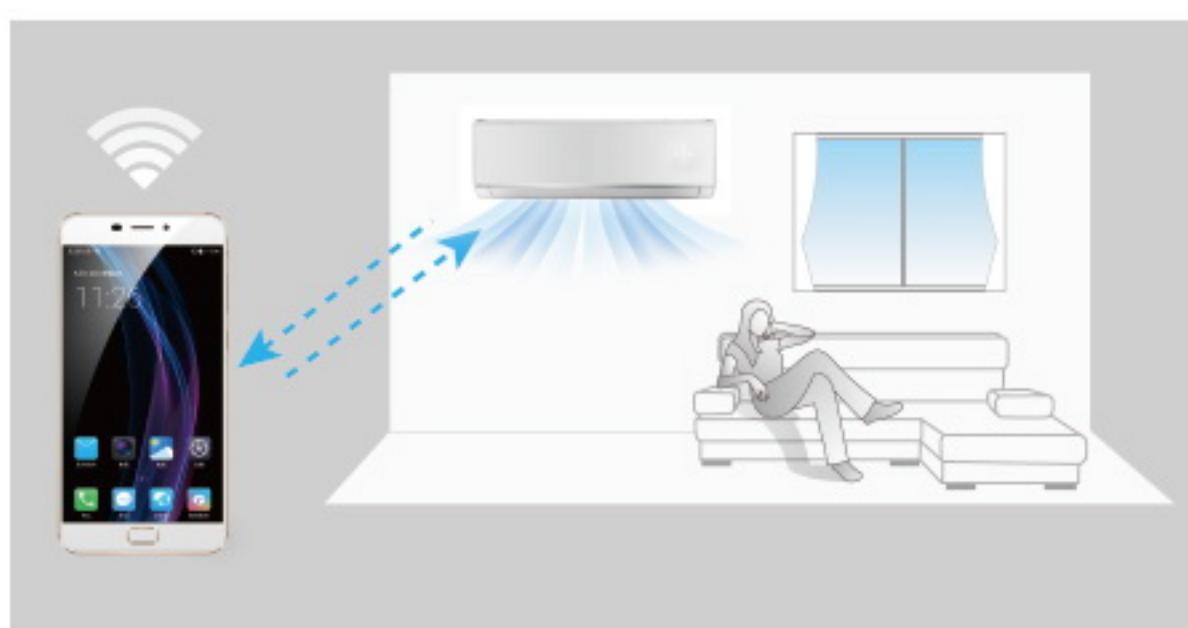
Features: Standard Optional

# Wall-mounted type



## WiFi intelligent control

You can control the operation of unit remotely by the APP in your smart phone, such as turning on or off the unit, setting mode and temperature, etc. For example: you can turn on the unit for cooling or heating in advance, so that you will feel comfortable when you arrive at home.



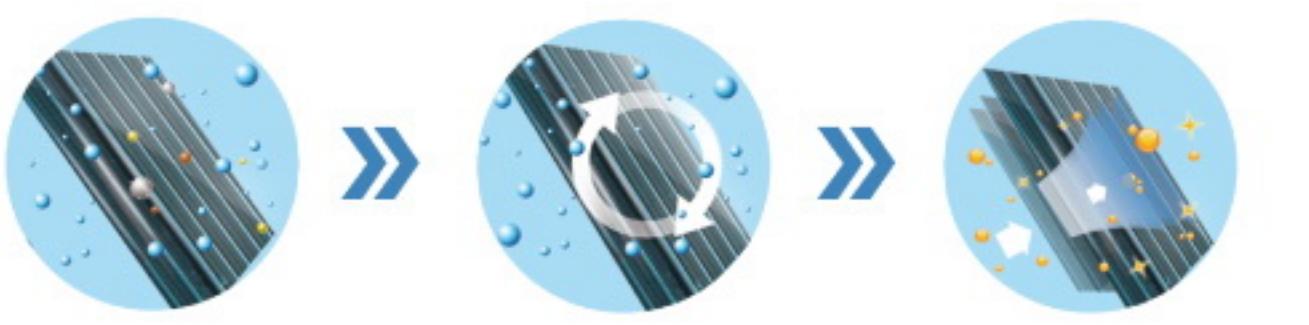
## Adjustable memory

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



## Automatic clean and dry

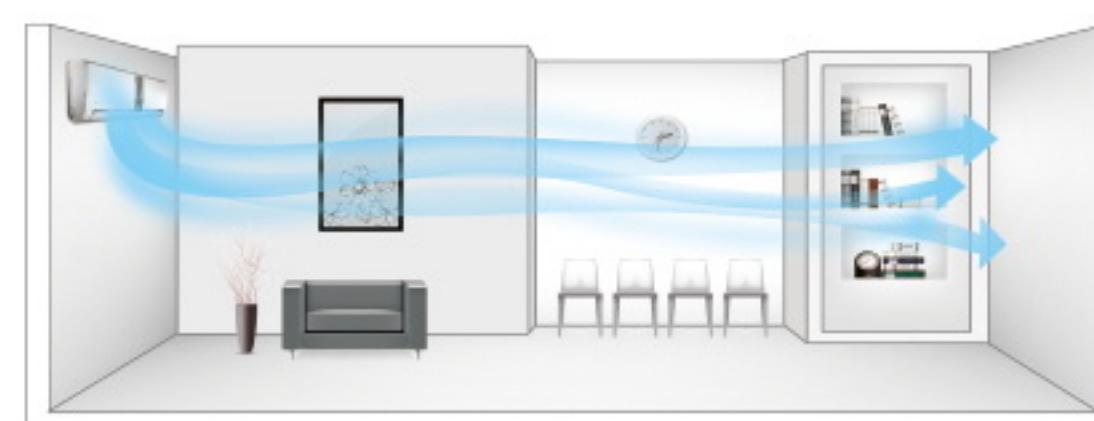
Gree air conditioner adopts a new generation of hydrophilic aluminum foil, under cooling or dehumidifying mode, dust in evaporator will be removed by the fast-moving condensate water. The blade keeps operating for air drying after power off, thus achieves automatic clean and dry. This function is available through controlling the "X-Fan" button in remote controller, caring for your health considerably.



- ① Water still exists in air conditioner after power off
- ② Air louver keeps operating
- ③ Keep clean and dry inside the unit

## 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.



Model	GWH09AAB-K6DNA2A *		GWH12AAB-K6DNA2A *		GWH18AAD-K6DNA2A *		GWH24AAD-K6DNA2A *	
Function	Cooling/Heating		Cooling/Heating		Cooling/Heating		Cooling/Heating	
Capacity	Cooling	Btu/h	8500	10900	17500	21000		
	Heating	Btu/h	9600	11600	18000	22000		
Pdesignh(A)/Pdesignh(W)/Pdesignh(C)	KW	2.60/2.80/2.70	3.20/3.40/4.80	4.20/4.30/-	4.7/4.7/-			
SEER/SCOP(A)SCOP(W)SCOP(C)	W/W	6.10/4.00/5.10/3.2	6.10/4.00/5.10/3.0	6.10/4.00/5.10/-	6.10/4.00/5.10/-			
Energy Class Cool/Heat(A)Heat(W)Heat(C)		A++/A+/A+++/B	A++/A+/A+++/B	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	1ph,220~240V,50Hz	1ph,220~240V,50Hz	1ph,220~240V,50Hz
Power Input	Cooling	W	781	941	1600	1760		
	Heating	W	777	942	1450	1860		
Rated Current	Cooling	A	6.3	7.2	9.1	10.9		
	Heating	A	6.9	7.7	10.0	11.3		
Airflow Volume	Indoor	m³/h	550/500/430/300	550/500/430/300	850/720/610/520	850/720/610/520		
<b>Indoor Unit</b>								
Sound Pressure Level	Indoor	dB(A)(SHHML)	40/37/35/27	42/37/35/28	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	822×255×322	822×255×322	1020×295×369	1020×295×369		
Net Weight/Gross Weight	Indoor	kg	8.5/9.5	8.5/9.5	13.5/16.5	13.5/16.5		
<b>Outdoor Unit</b>								
Sound Pressure Level	Outdoor	dB(A)	52	52	56	57		
	Gas	mm	ø9.52	ø9.52	ø12	ø16		
Piping Connection	Liquid	mm	ø6	ø6	ø6	ø6		
Outline Dimension	WxHxD	mm	776×540×320	848×596×320	899×596×378	965×700×396		
Package Dimension	WxHxD	mm	823×595×358	881×645×363	948×645×420	1029×750×458		
Net Weight/Gross Weight	Outdoor	kg	29/31.5	31/34	39/42	46/50.5		
<b>Loading Quantity</b>								
	40'GP	sets	240	210	164	130		
	40'HQ	sets	284	246	187	148		

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.

Model	GWH09AAB-K6DNA3A *		GWH12AAB-K6DNA3A *		GWH18AAD-K6DNA1B *		GWH18AAD-K6DNA1A *	
Function	Cooling/Heating		Cooling/Heating		Cooling/Heating		Cooling/Heating	
Capacity	Cooling	Btu/h	8500	10900	15700	17500		
	Heating	Btu/h	9600	11600	17700	18010		
Pdesignh(A)/Pdesignh(W)/Pdesignh(C)	KW	2.60/2.80/2.70	3.20/3.40/4.8	3.60/3.60/-	4.2/4.3/-			
SEER/SCOP(A)SCOP(W)SCOP(C)	W/W	6.14/0.5/1.3/2	6.14/0.5/1.3/3	6.14/0.5/1/-	6.14/0.5/1/-			
Energy Class Cool/Heat(A)Heat(W)Heat(C)		A++/A+/A+++/B	A++/A+/A+++/B	A++/A+/A+++/-	A++/A+/A+++/-			
Power Supply	Ph,V,Hz	1Ph, 220-240V~,50Hz						
Power Input	Cooling	W	781	997	1430	1600		
	Heating	W	777	941	1400	1450		
Rated Current	Cooling	A	6.3	7.2	8	8		
	Heating	A	6.9	7.7	8	8		
Airflow Volume	Indoor	m³/h	550/500/430/300	550/500/430/300	850/720/610/520	850/720/610/520		
<b>Indoor Unit</b>								
Sound Pressure Level	Indoor	dB(A)(SHHML)	40/37/35/27	42/37/35/28	48/45/39/34	48/44/39/34		
Outline Dimension	WxHxD	mm	773×250×185	773×250×185	970×300×225	970×300×225		
Package Dimension	WxHxD	mm	822×255×322	822×255×322	1020×295×369	1020×295×369		
Net Weight/Gross Weight	Indoor	kg	8.5/9.5	8.5/9.5	13.5/16.5	13.5/16.5		
<b>Outdoor Unit</b>								
Sound Pressure Level	Outdoor	dB(A)	52	52	54	56		
	Gas	mm/inch	ø9.52	ø9.52	ø9.52	ø12		
Piping Connection	Liquid	mm/inch	ø6	ø6	ø6	ø6		
Outline Dimension	WxHxD	mm	776×540×320	842×596×320	842×596×320	899×596×378		
Package Dimension	WxHxD	mm	823×595×358	881×645×363	881×645×363	948×645×420		
Net Weight/Gross Weight	Outdoor	kg/lb	29/31.5	31/34	34/37	39/42		
<b>Loading Quantity</b>								
	40'GP	sets	240	210	183	164		
	40'HQ	sets	284	246	210	187		

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

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## I-Crown II


Features: Standard Optional

## Floor Standing

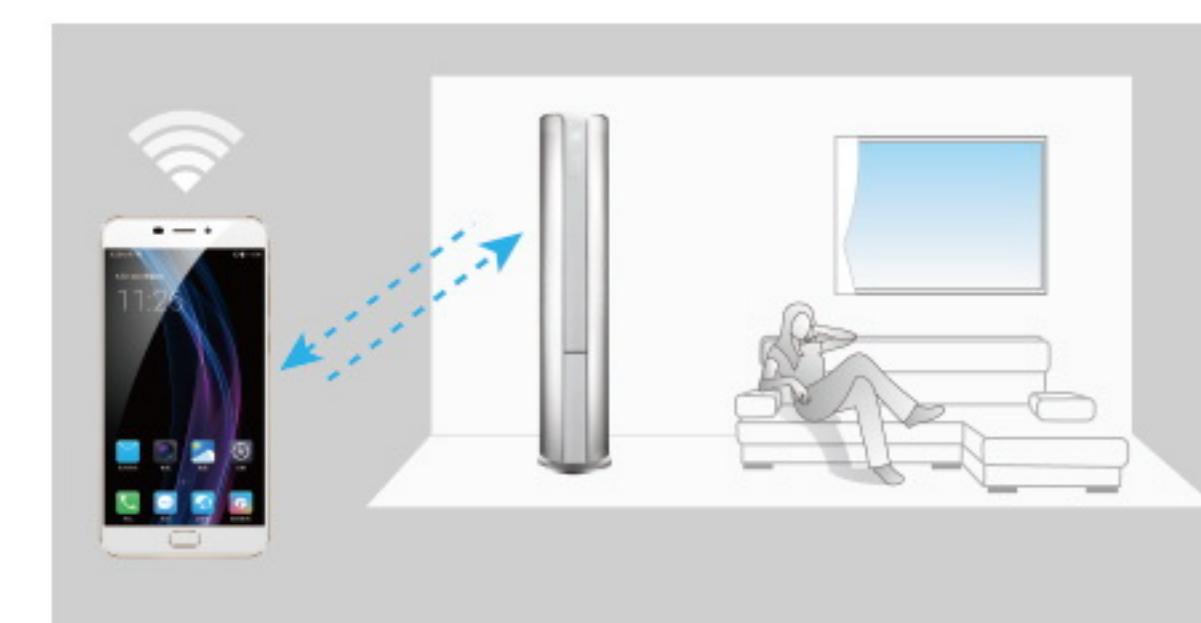


### ► First created max unlimited air flow system



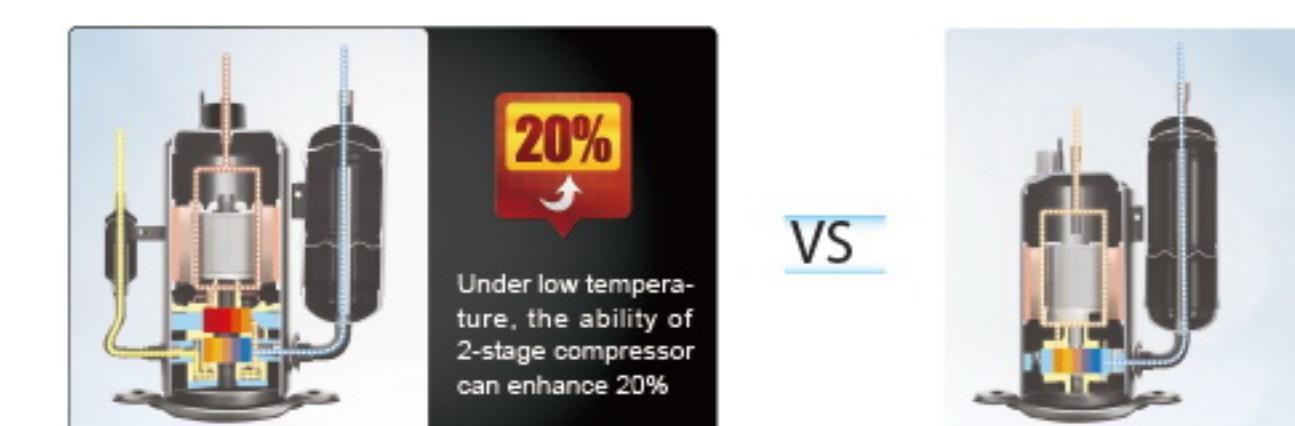
### ► WiFi intelligent control

You can control the operation of unit remotely by the APP in your smart phone, such as turning on or off the unit, setting mode and temperature, etc. For example: you can turn on the unit for cooling or heating in advance, so that you will feel comfortable when you arrive at home.



### ► Energy-saving two-stage compressor

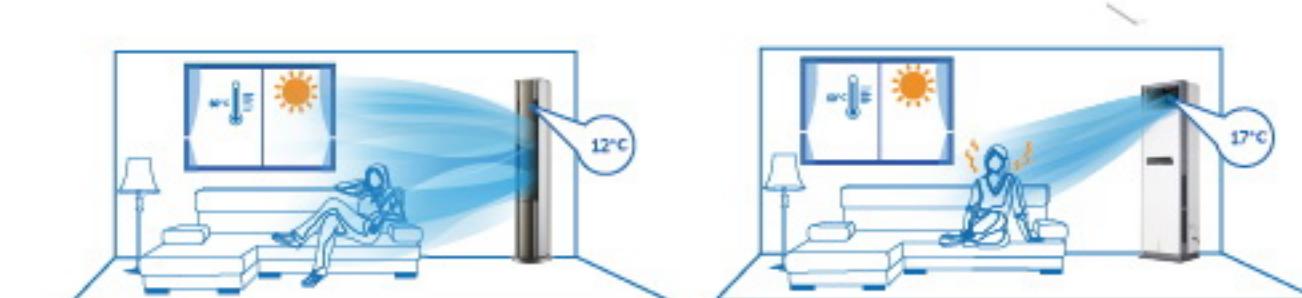
Super performance at the temperature from -30°C to 54°C.



	Gree 2-stage inverter compressor	Conventional inverter compressor
Applicable temperature range	-30°C ~ 54°C Reliable operation within -30°C~54°C	-19°C ~ 49°C Reliable operation within -16°C~43°C
Cooling (heating) capacity	Heating capacity is improved by 30% Cooling capacity is improved by 35%	Without Improvement
Air outlet temperature	12°C ~ 52°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 ~ 40°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.

### ► Reliable cooling capacity at 54°C

Cooling capacity won't decrease even through ambient temperature reaches 54°C, while the cooling capacity of conventional air conditioner will decrease by about 20%.



Model	GVH24AK-K3DNC6A		
Function	Cooling/Heating		
Capacity	Cooling	Btu/h	24600(5100~30000)
		W	7200(1500~8800)
	Heating	Btu/h	32400(3400~34200)
		W	9500(1000~10020)
	Pdesignh(A)/Pdesignh(W)/Pdesignh(C)	Btu/h	22200/22200/30700
		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 Pressure Level	Indoor	dB(A)(SH/H/M/L/SL)	48/45/43/40/37/35/30
Outline Dimension	WxHxD	mm	1844X462X395
Package Dimension	WxHxD	mm	2023X501X575
Net Weight/Gross Weight	Indoor	kg	46/64
Outdoor Unit			
Sound Pressure Level	Outdoor	dB(A)(SH/H/M/L/SL)	58
Piping Connection	Gas	mm	φ16
	Liquid	mm	φ6
Outline Dimension	WxHxD	mm	980x790x427
Package Dimension	WxHxD	mm	1083x840x485
Net Weight/Gross Weight	Outdoor	kg	63/68
Loading Quantity	40'GP	sets	52
	40'HQ	sets	60

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.



## I-Shine



Features: Standard Optional

# Floor Standing



## ► 90.Artistic columnar appearance

Based on the columnar body of i series, top appearance and integrated design are optimized, showing its unique fashionable style.



## ► User-friendly touch display

Concealed display integrates perfectly with touch control technology, bringing a modern sense to your life.



## ► Diamond-style base

Inspired from the lines of diamond, innovative diamond-style base is designed to make it more exquisite.



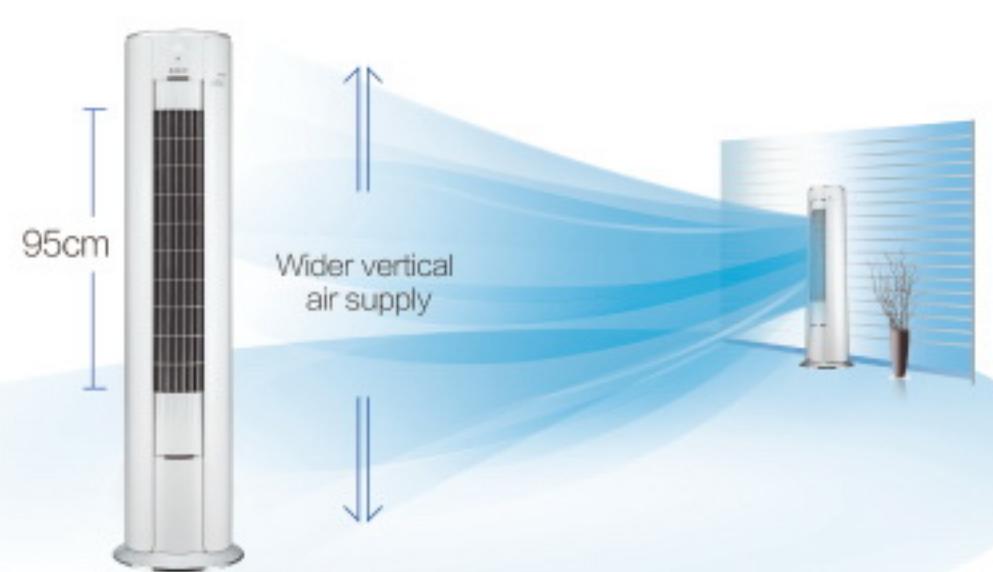
## ► Wide-angle swing mode for wider air supply range

When turning on the unit, the panel will open automatically in rotation. After setting "left&right swing", air outlet can swing left and right automatically to achieve wide-angle swing and even airflow distribution, so that you can enjoy coolness in each corner of the room.



## ► Ultra-long air outlet with sufficient air volume

Its ultra-long vertical air outlet, matched with flexible up&down air guide louvers, generates big circulating air volume in wide air supply angle, so as to adjust indoor temperature quickly.



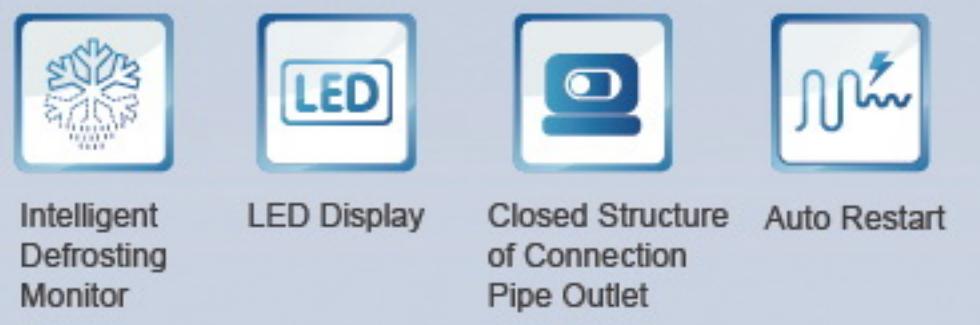
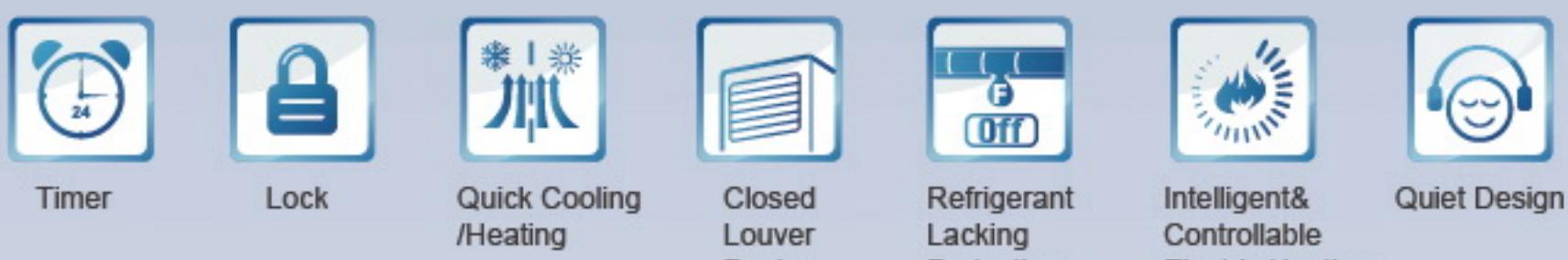
Model		GVH24AK-K3DNC8A	
Function		Cooling/Heating	
Capacity	Cooling	Btu/h	24200
	Heating	Btu/h	30000
Pdesignh(A)/Pdesignh(W)/Pdesignh(C)		W/W	6500/7100/-
SEER/SCOP(A)/SCOP(W)/SCOP(C)		W/W	7.0/4.0/5.1/-
Power Supply		Ph,V,Hz	1-220-240V,50Hz
Power Input	Cooling	W	2220z
	Heating	W	2750
Rated Current	Cooling	A	21
	Heating	A	22
Airflow Volume	Indoor	m³/h	1480/1200/1060/750/570
<b>Indoor Unit</b>			
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	48/42/39/35/30
Outline Dimension	WxHxD	mm	458*1790*458
Package Dimension	WxHxD	mm	558*1943*590
Net Weight/Gross Weight	Indoor	kg	50/65.5
<b>Outdoor Unit</b>			
Sound Pressure Level	Outdoor	dB(A)(SH/H/M/L)	67
Piping Connection	Gas	mm	ø16
	Liquid	mm	ø6
Outline Dimension	WxHxD	mm	955*700*396
Package Dimension	WxHxD	mm	1629*750*458
Net Weight/Gross Weight	Outdoor	kg	54/58.5
<b>Loading Quantity</b>			
40'GP	sets		54
40'HQ	sets		64

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.



## T-Fresh



Features: ● Standard ● Optional

## Floor Standing

### ► 91.Side-drawing filter design for convenient cleaning

The filter adopts user-friendly side-drawing design, which is more convenient for cleaning.



### ► Simple design brings life to its original nature



Beautiful integrated design



Precise air guiding



Side-drawing filter for convenient cleaning



Concealed display screen and touch control button





Model		GVH24AL-K3DNC7A	
Function		Cooling/Heating	
Capacity	Cooling	Btu/h	24600
	Heating	Btu/h	25600
Pdesign(A)		W	6100
SEER/SCOP(A)		W/W	6.1/4
Power Supply		Ph,V,Hz	1Ph, 220-240V~,50Hz
Power Input	Cooling	W	2250
	Heating	W	2080
Rated Current	Cooling	A	18
	Heating	A	19
Airflow Volume	Indoor	m³/h	1400/1150/1050/900
Indoor Unit			
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	49/45/42/39
Outline Dimension	WxHxD	mm	507×1770×320
Package Dimension	WxHxD	mm	623×1988×440
Net Weight/Gross Weight	Indoor	kg	40/54
Outdoor Unit			
Sound Pressure Level	Outdoor	dB(A)(SH/H/M/L)	60
Piping Connection	Gas	mm	ø16
	Liquid	mm	ø6
Outline Dimension	WxHxD	mm	965×700×396
Package Dimension	WxHxD	mm	1029×735×458
Net Weight/Gross Weight	Outdoor	kg	53.5/58
Loading Quantity			
	40'GP	sets	66
	40'HQ	sets	71

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## Moma



Dehumidifying



Auto Restart



Self-diagnosis



0.5 W Standby



Automatic Operation



LED Display



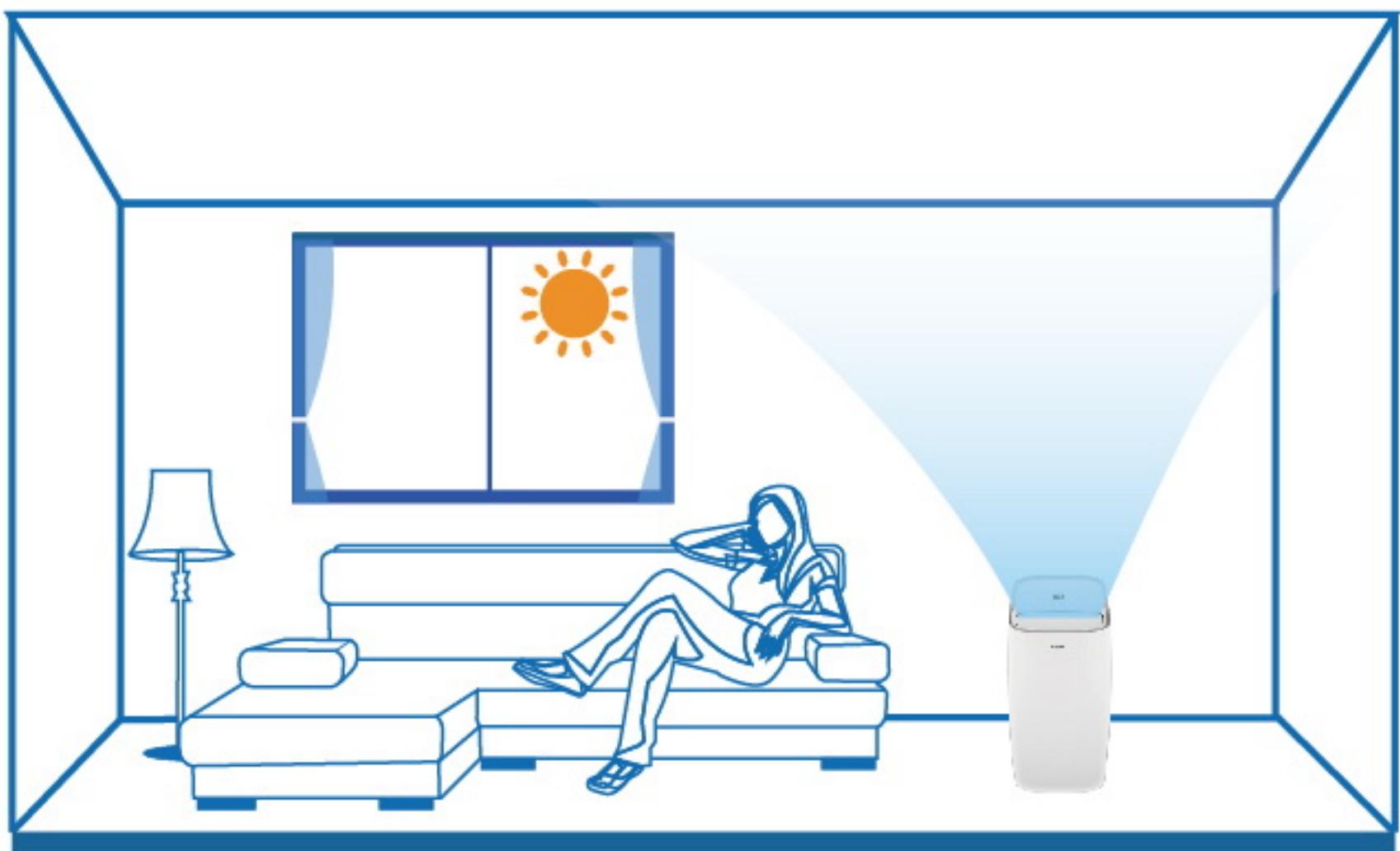
Wide Swing



Wifi Control

Features: ● Standard ○ Optional

- Top air discharge design and wide air supply range, more comfortable



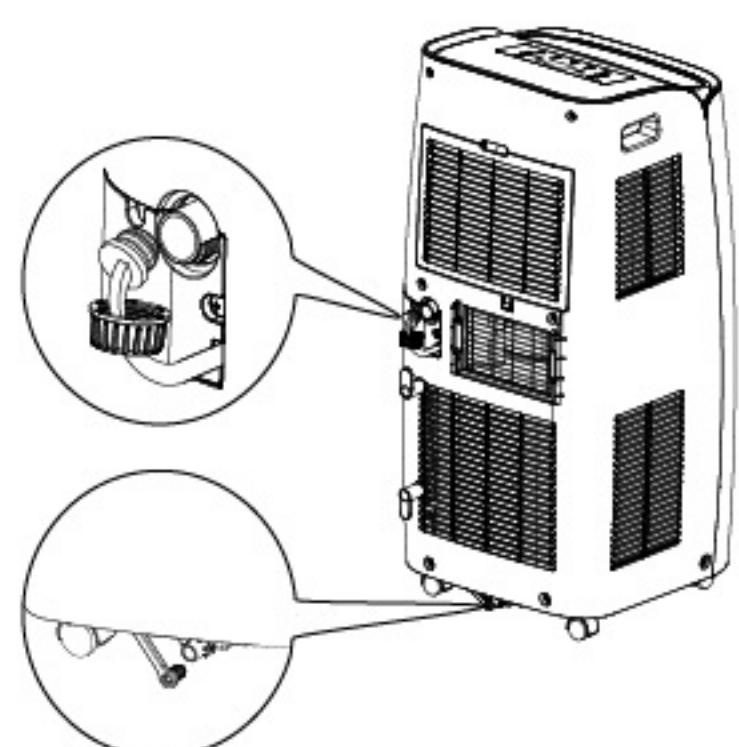
- Sufficient system configuration, strong overload capacity



- Complete intelligent control protection proposal, much safer



- Two ways for water drainage, more convenient



- Smooth panel design for new appearance style, concise and beautiful



Model			GPC10AN-K5NNA1A	GPC12AN-K5NNA1A	GPH12AN-K5NNA1A
Function					
Capacity	Cooling/Heating	W	2900/-	3500/-	3500/3300
EER/C.O.P		W	3.1	2.6	2.6
Power Supply		Ph,V,Hz	1,220-240,50	1,220-240,50	1,220-240,50
Power Input	Cooling	W/W	935	1345	1345
Rated Current	Cooling	A	5.2	8	8.4
Air flow Volume	Indoor	m³/h (H/M/L)	380/330/280	380/330/280	380/330/280
Sound Pressure Level	Indoor	dB(A)(H/M/L)	53/51/49	53/51/49	53/51/49
Outline Dimension	WxHxD	mm	405x835x385	405x835x385	405x835x385
Package Dimension	WxHxD	mm	454x879x580	454x879x580	454x879x580
Net Weight /Gross Weight	Indoor	Kg	35/42	35.5/42	36/42.5
Loading Quantity	40'GP	sets	208	208	208
	40'HQ	sets	311	311	311



## Praise



Features: ● Standard ○ Optional

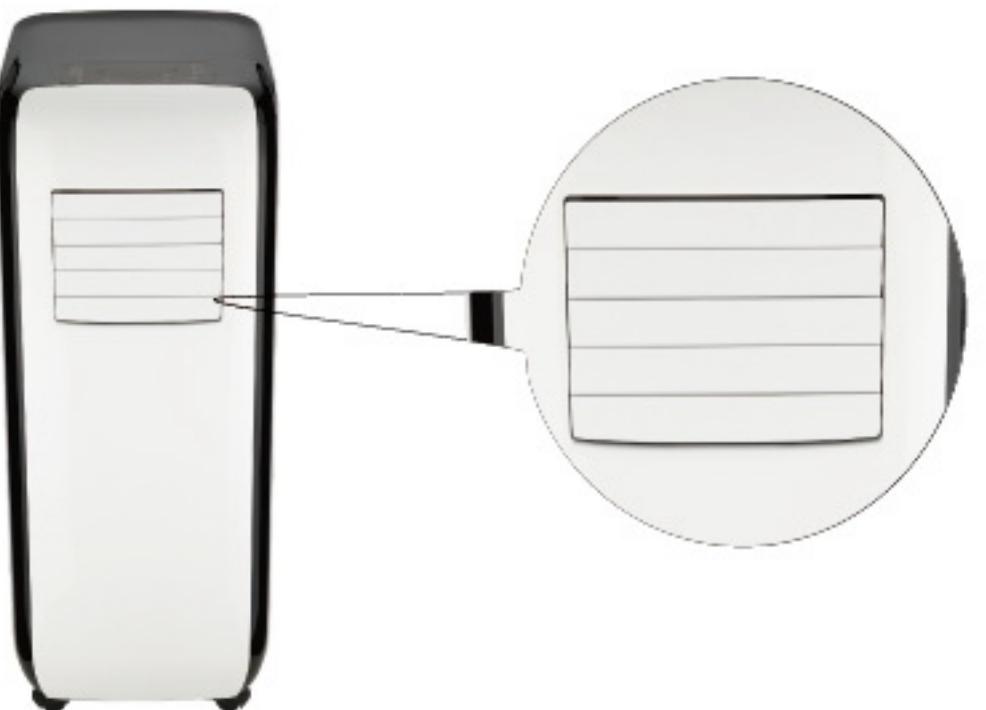
► Novel "waterfall" shape appearance



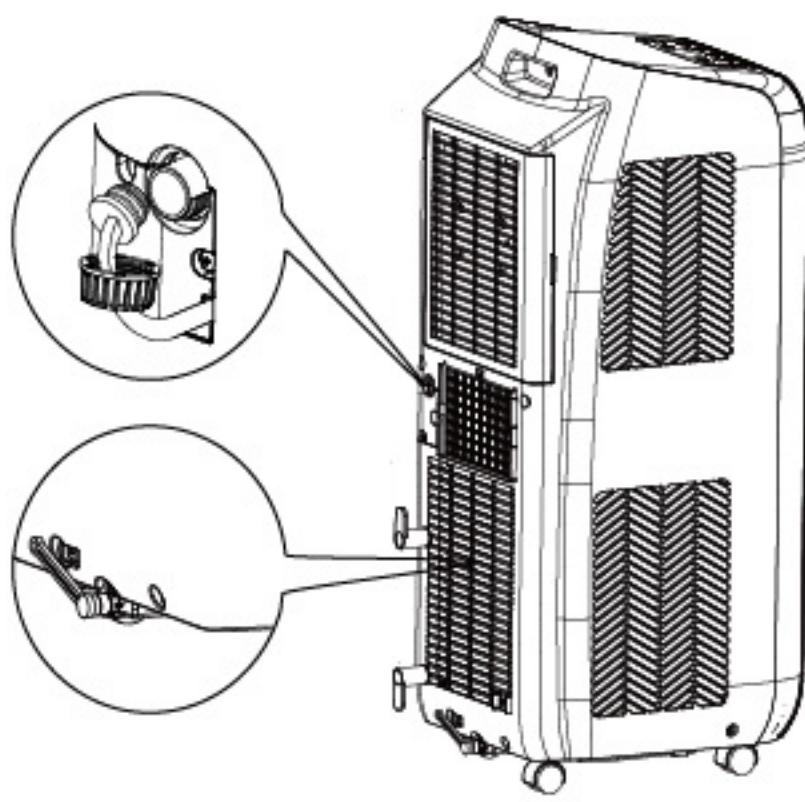
► With up&down auto swing function, for intelligent air supply



► Auto closure of air louver, air outlet and the appearance integrated together



► Two ways for water drainage, more convenient



₹290

Model			GPC07AM-K5NNA3A	GPC09AM-K5NNA3A
Function				
Capacity	Cooling	Btu/h	7000	9000
EER/C.O.P.		W/W	2.6	2.6
Power Supply		Ph,V,Hz	1,220-240,50	1,220-240,50
Power Input	Cooling	W	780	1000
Rated Current	Cooling	A	4.3	5.9
Air flow Volume	Indoor	m³/h (H/M/L)	320/290/260	320/290/260
Sound Pressure Level	Indoor	dB(A)(SH/M/L)	51/49/47	51/49/47
Outline Dimension		mm	304x805x358	304x805x358
Package Dimension		mm	362x864x490	362x864x490
Net Weight /Gross Weight	Indoor	Kg	24/29.5	27/32.5
Loading Quantity	40'GP	sets	330	330
	40'HQ	sets	494	494



## Purity



Features: ● Standard ○ Optional

## Portable Type



### Intelligent detection

Monitor and diagnose the parameters of operation status comprehensively in real time; automatically adjust the operation way of each component timely and effectively; feedback corresponding information to the user; improve operation comfort and reliability.



### Continuous drainage function of big height difference

It is innovative with continuous drainage function of big height difference. It is applicable for the environment with high humidity, which can drain out the moisture in the air directly after cooling to be applicable for different areas and seasons; under continuous drainage, continuous drainage of big height difference is easy for the installation of drain pipe and drainage of condensate compared to traditional drainage way in chassis, which is more convenient for the consumers.



R 290

Model		GPC07AM-K5NNA2A	GPC09AM-K5NNA2A
Function		Cooling	Cooling
Capacity		2100 W	2600 W
EER/C.O.P		2.6 W/W	2.6 W/W
Power Supply		1,220-240.50 Ph,V,Hz	1,220-240.50 Ph,V,Hz
Power Input		805 W	1000 W
Rated Current		4.3 A	5.5 A
Airflow Volume		320/290/260 m³/h(H/M/L)	320/290/260 m³/h(H/M/L)
Sound Pressure Level		52/50/48 dB(A)(H/M/L)	53/51/49 dB(A)(H/M/L)
Outline Dimension		304x805x358 mm	304x805x358 mm
Package Dimension		365x829x493 mm	365x809x493 mm
Net Weight /Gross Weight		24/29.5 Kg	27/32.5 Kg
Loading Quantity		304 sets 40'GP	304 sets 40'GP
		455 sets 40'HQ	455 sets 40'HQ

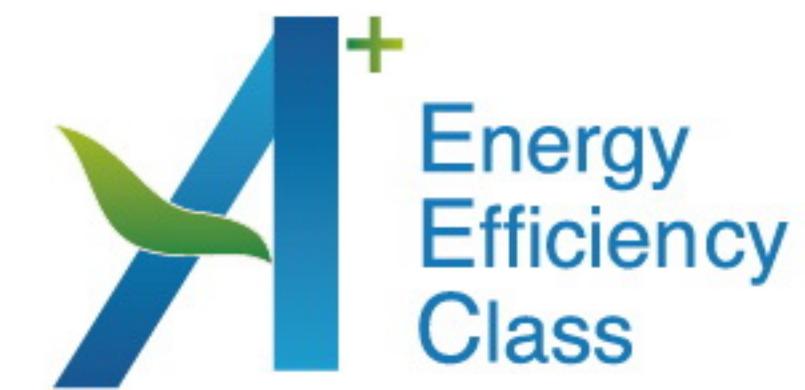
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### High energy efficiency

Model 10K reach A+ energy efficiency



### R290 Eco-friendly refrigerant

There's no chlorine atoms in the molecule of R290. Therefore, R290's ODP is 0 and it will not destroy the ozone sphere. Moreover, compared with HFC which also will not destroy the ozone sphere, R290's GWP value is almost 0.



### 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

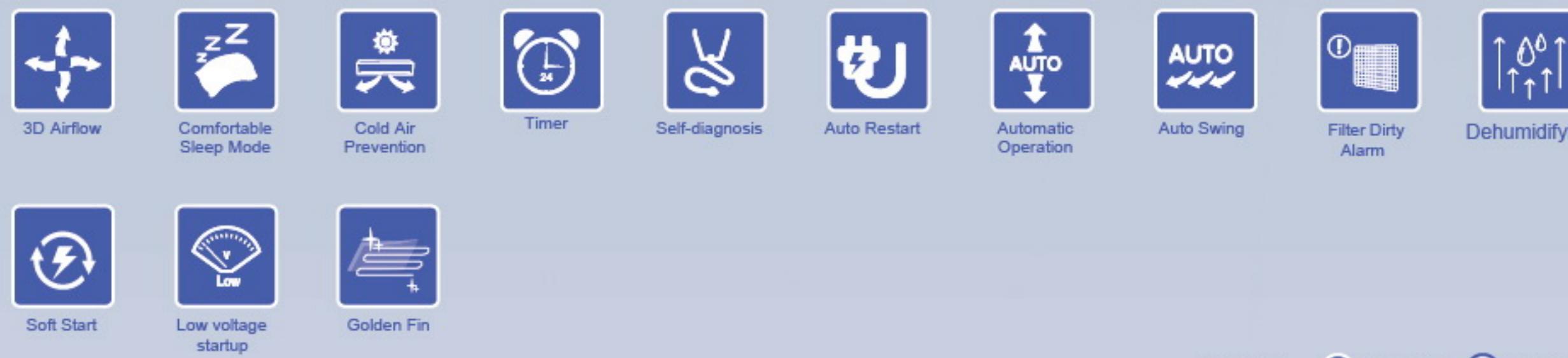


R290

Model		GPC07AK-K5NNA3A	GPC09AK-K5NNA3A	GPC12AL-K5NNA3A	GPH12AL-K5NNA3A	GPC10AL-K5NNA1A(wifi)
Function						
Capacity	Cooling/ Heating	W	2100/-	2600/-	3500/-	3500/3300
EER/C.O.P		W/W	2.6/-	2.6/-	2.6/-	2.6/2.8
Power Supply		Ph,V,Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50
Power Input	Cooling/ Heating	W	708	1000	1345	1345
Rated Current	Cooling	A	4.3	5.5	7.8	7.8
Air flow Volume	Indoor	m³/h (H/M/L)	320/290/260	320/290/260	360/330/300	360/330/300
Sound Pressure Level	Indoor	dB(A) (H/M/L)	52/50/48	53/51/49	53/51/49	53/51/49
Outline Dimension	WxHxD	mm	315x770x395	315x770x395	390x820x405	390x820x405
Package Dimension	WxHxD	mm	358x881x463	358x881x463	581x862x455	581x862x455
Net Weight /Gross Weight	Indoor	Kg	24.5x28.5	27/31	35/40	36.5/41.5
Loading Quantity	40'GP	sets	330	330	208	208
	40'HQ	sets	494	494	311	311



Coolani



Features: ● Standard ○ Optional

## Window type



### ► 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.



R32

Model	GJC09AF-E6RNB3A		GJC12AG-E6RNB3A
Function	Cooling		Cooling
Capacity	Cooling	Btu/h	9212
	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
	Heating	W	-
Rated Current	Cooling	A	5.5
	Heating	A	-
Airflow Volume	Indoor	m³/h	400/360/320
	Indoor	dB(A)(SHHML)	50/48/46
Sound Power Level	Outdoor	dB(A)(SHHML)	56/54/52
Outline Dimension	WxHxD	mm	560×375×708
Package Dimension	WxHxD	mm	623×425×806
Net Weight/Gross Weight	Indoor	kg	43/47
			50/54
Loading Quantity	40'GP	sets	260
	40'HQ	sets	312
			230

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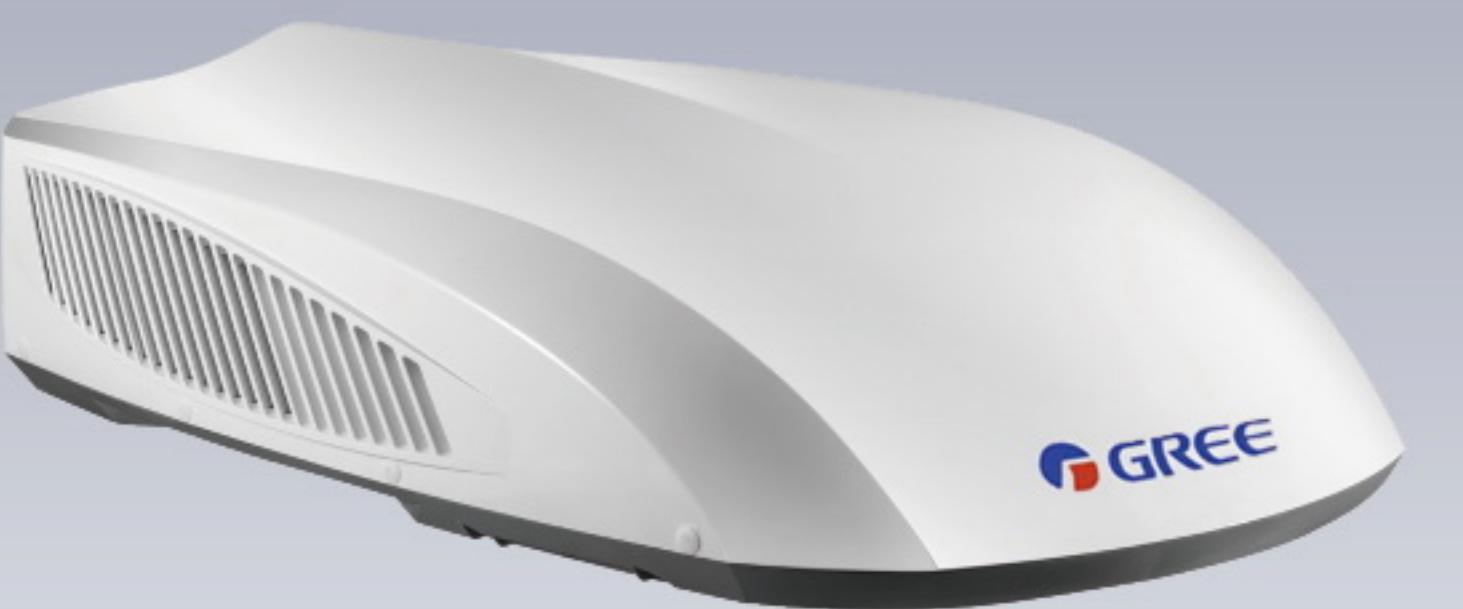
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**Shark**

LED Light   Cooling   Air Flow   Comfortable Sleep Curves   Dehumidifying   Light Display   Timer   Heating   Auto Restart   Child Lock   Wifi Control

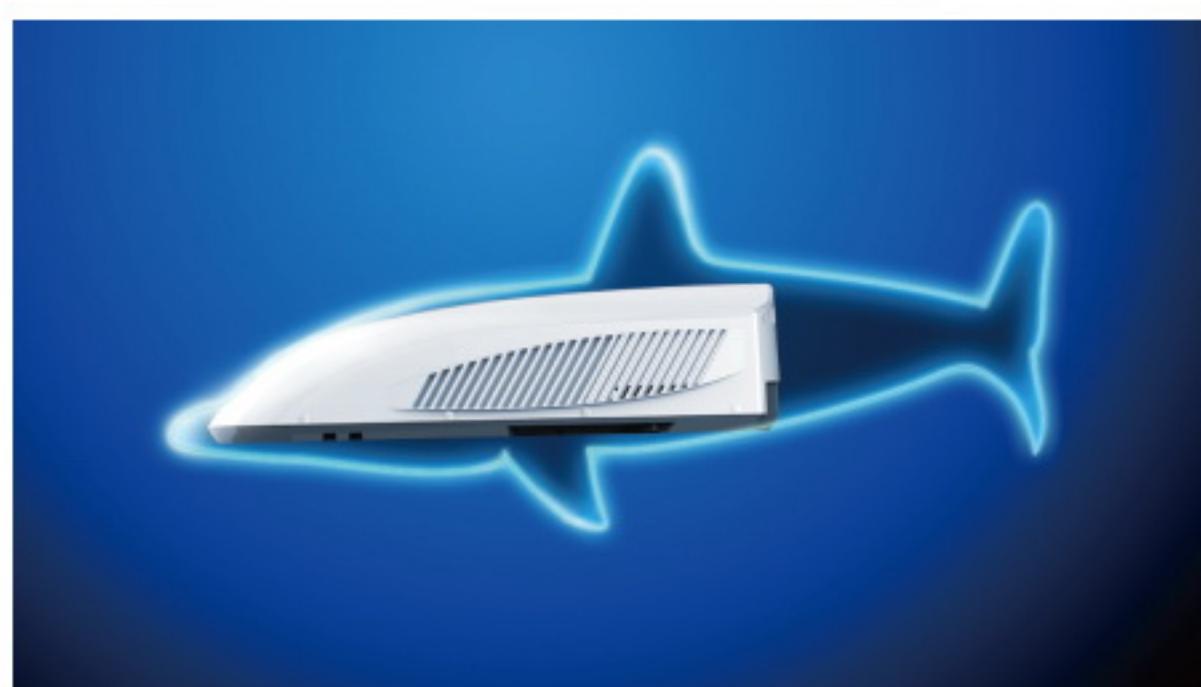
Features: ● Standard ○ Optional

# Recreational Vehicle AC



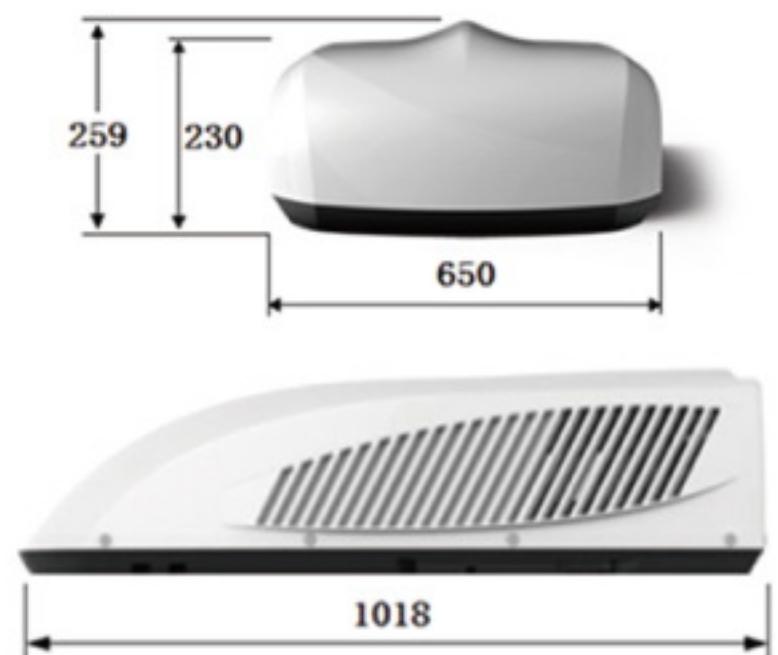
## Fashionable appearance

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.



## 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.



## New Integrated indoor unit appearance

The slimmest extended air dust and the thickness of complete unit is less than 50mm; With injection transmitting ring-type LED; Touch button and high-end injection transmitting dual-8 display



Model			GRH085DA-K3NA2B	GRH120DA-K3NA2B
Function	Cooling		Cooling/Heating	
Capacity	Heating	Btu/h	8530	11942
EER/C.O.P		W/W	7506	10918
AEER		W/W	2.34/2.24	2.76/2.71
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	340/260/220/130	340/260/220/130
<b>Indoor Unit</b>				
Sound Pressure Level	Indoor	dB(A)(SHH/M/L)	54/48/43/35	54/48/43/35
Outline Dimension	WxHxD	mm	610x485x49	610x485x49
Package Dimension	WxHxD	mm	678x550x112	678x550x112
Net Weight/Gross Weight	Indoor	Kg	2.7/4	2.7/4
<b>Outdoor Unit</b>				
Sound Pressure Level	Outdoor	dB(A)	65/55	65/55
Outline Dimension	WxHxD	mm	1018x650x259	1018x650x259
Package Dimension	WxHxD	mm	1102x340x718	1102x340x718
Net Weight/Gross Weight	Outdoor	Kg	42.5/49	41/46
<b>Loading Quantity</b>				
	40'GP	sets	187	187
	40'HQ	sets	215	215

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## Petal



Features: ● Standard ○ Optional

## Dehumidifier



### ► 5-layer guard shield



High loading protection      Overload protection      Anti-freezing protection



Refrigerant leakage protection



Temperature sensor error protection

### ► Fire-proof electric box

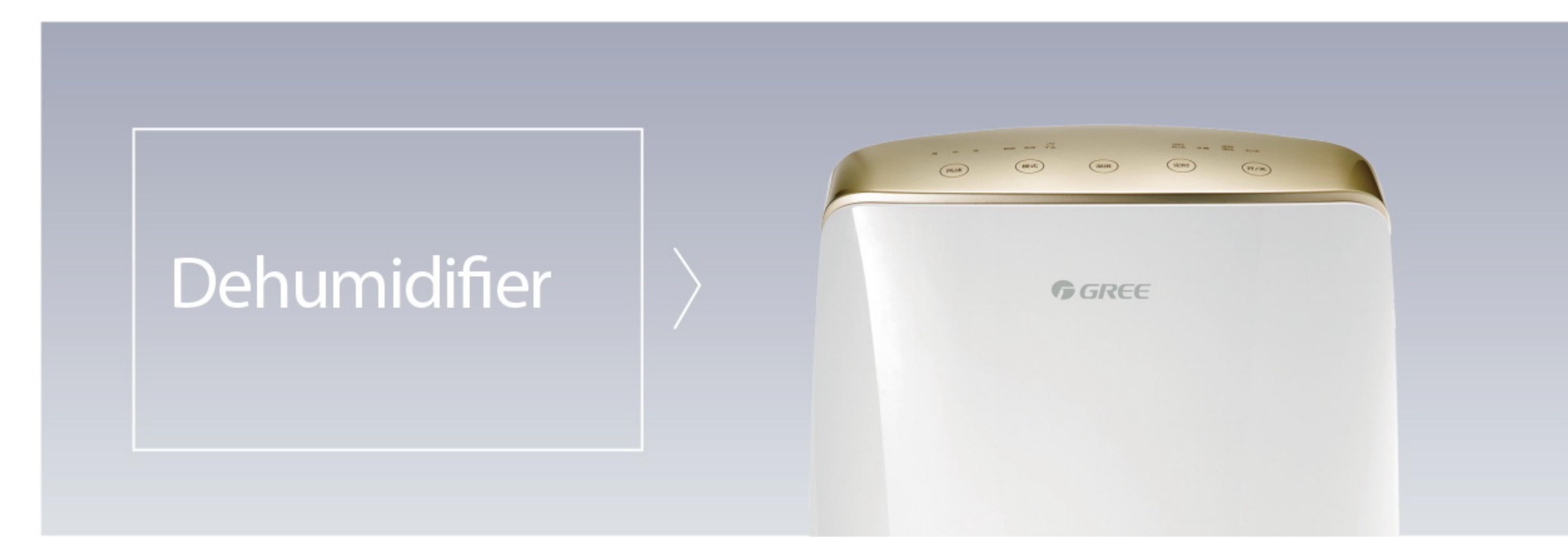
Electric box sealed by metal casing, could prevent fire in case of short-circuit



Model	GDN10AY-K4EBA1A		GDN12AY-K4EBA1A
Dehumidifying Volume 30 °C, 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	m³/h	90	90
Sound Power Level	dB(A)	39	40
Water Tank Volume	L	1.5/1.8	1.5/1.8
Outline Dimension	WxHxD	310×400×243	310×400×243
Package Dimension	WxHxD	345X437X286	345X437X286
Operation Mode		Electronic	Electronic
Net Weight/Gross Weight	kg	11.5/12.5	12/13
Loading Quantity	40'GP	sets	1375
	40'HQ	sets	1649

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## Dehumidifier

### ► 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.



Model			GDN20AT-K5EBA1A	GDN20AV-K5EBA1A	GDN20BD-K5EBA1A
Function					
Rated Dehumidification Capacity	27°C ,RH60%	L/h	0.5	0.5	0.5
Dehumidification Capacity	30°C ,RH80%	L/h	0.83	0.83	0.83
Power Supply	Ph,V,Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz
Power Input	27°C ,RH60%	W	360	360	360
Rated Current		A	2.1	2.1	2.1
Air flow Volume	Dehumidify	m³/h (H/M/L)	130/115/105	130/115/105	130/115/105
Sound Pressure Level	Dehumidify	dB(A)(SH/H/M/L)	43/41/39	43/41/39	43/41/39
Outline Dimension	WxHxD	mm	367×582×246	363×577×245	364×596×245
Package Dimension	WxHxD	mm	431×620×314	431×617×314	447×661×312
Net Weight /Gross Weight		Kg	15/16.5	15.5/17	15.5/17.5
Loading Quantity		20'GP	sets	294	294
40'GP		sets	603	603	585
40'HQ		sets	804	804	778

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## Fancy



0.5 W  
Standby



Timer



Auto Restart



Water Overflow  
Protection



Filter Cleaning  
Reminder



Self-diagnosis



Humidity  
Display

Features: ● Standard ○ Optional



## Dehumidifier



### ► Big button design



### ► Water overflow protection

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



Model	GDN12AJ-K4EBC1A	GDN16AJ-K4EBC1A
Dehumidifying Volume	L/D	12
Power Supply	Ph,V,Hz	1Ph,220-240V,50Hz
Power Input	W	230
Rated Current	A	1.1
Rated Current	A	1.4
Airflow Volume	m³/h	115/100
Sound Pressure Level	dB(A)(H/L)	43/41
Water Tank Volume	L	3.0/3.5
Outline Dimension (WxHxD)	mm	353X496X225
Package Dimension (WxHxD)	mm	396X525X274
Operation Mode		electronic
Net Weight/Gross Weight	kg	11/12
Outline Dimension		
Loading Quantity (40'GP)	sets	1000
Loading Quantity (40HQ)	sets	1250
		1250

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## Light Commercial



### ▶ Slim body and flexible installation

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



### ▶ 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.



**INVERTER**  
Consume less energy, more comfort

Model	GEH09AA-K3DNA1D		GEH12AA-K3DNA1D	GEH18AA-K3DNA1D
Function	Cooling/Heating		Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	9200	11900
	Heating	Btu/h	9500	12800
	Pdesignh	Btu/h	9200	11900
SEER/SCOP(A)	W/W		6.50/4.00	6.40/4.0
Energy Class	A++/A+/A+++/B		A++/A+/A+++/B	A++/A+++/A+/A
Power Supply	Ph,V,Hz		1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	735	1100
	Heating	W	745	1000
Rated Current	Cooling	A	5.85	5.9
	Heating	A	6.25	7
Airflow Volume	Indoor	m³/h	500/430/410/370/330/280/250	600/520/480/440/400/360/280
<b>Indoor Unit</b>				
Sound Pressure Level	Indoor	dB(A)(SH/HML)	40/36/34/32/30/26/23	42/40/38/36/34/31/25
Outline Dimension	WxHxD		700×215×600	700×215×600
Package Dimension	WxHxD		788×283×685	788×283×697
Net Weight/Gross Weight	Indoor	kg	15.5/18.5	15.5/18.5
<b>Outdoor Unit</b>				
Sound Power Level	Outdoor	dB(A)	52	52
Piping Connection	Gas	mm	ø9.52	ø9.52
	Liquid	mm	ø6	ø6
Outline Dimension	WxHxD		776×540×320	776×540×320
Package Dimension	WxHxD		823×358×595	823×358×595
Net Weight/Gross Weight	Outdoor	kg	31/33.5	31.5/34
<b>Loading Quantity</b>				
	40'GP	sets	180	180
	40'HQ	sets	201	201

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## Free-match 4

Auto Restart	Compact Design	Easier Maintainability	Turbo Function	Inner Groove Copper	High Efficiency	Intelligent Defrosting	Self-diagnosis	Low Voltage Startup	24 Hour Timer	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	AMBER		●	●	●	●
	FAIRY		●	●	●	●
	MUSE		●	●	●	●
	LOMO		●	●	●	●
	BORA		●	●	●	●
Duct type				●	●	●
Cassette type				●	●	●
Floor ceiling type				●	●	●
Console			●	●	●	

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

## Control system lineup

Control system	Product series		Wall mounted type			Duct type	Cassette type	Floor ceiling type	Console type
	U-Crown	Hansol	Lomo						
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)	WB(°C)		WB(°C)	DB(°C)		
Cooling	35	24	27	19	-15~43			
Heating	7	6	20	15	-20~24			

### 8 combinations

GWHD(14)NK3DO	Two units	
	7K+7K	7k+9k
	7K+12K	9K+9K
	9K+12K	

### 10 combinations

GWHD(18)NK3KO	Two units	
	7K+7K	7K+9K
	7K+12K	9K+9K
	9K+12K	
	7K+18K	
	12K+12K	
	7K+12K+7K	
	7K+9K+9K	
	7K+12K+12K	

### 18 combinations

GWHD(21)NK3KO	Two units		Three units	
	7K+9K	7K+12K	7K+7K+7K	7K+9K+9K
	9K+9K	9K+12K	7K+7K+9K	7K+12K+12K
	12K+12K	9K+18K	7K+7K+12K	9K+9K+9K
	7K+18K	7K+7K	9K+9K+12K	9K+12K+12K
	12K+18K		7K+9K+12K	

### 23 combinations

GWHD(24)NK3MO	Two units		Three units	
	7K+12K	9K+18K	7K+7K+7K	7K+7K+9K
	9K+12K	7K+7K	7K+9K+9K	7K+9K+12K
	12K+18K	9K+9K	9K+9K+12K	7K+7K+18K
	18K+18K	12K+12K	7K+12K+12K	9K+9K+18K
	7K+18K	7K+19K	12K+12K+12K	7K+7K+12K
		9K+9K+9K		9K+12K+12K
		7K+9K+18K		

### 40 combinations

GWHD(28)NK3KO	Two units		Three units		Four units	
	7K+18K	7K+7K+7K	7K+12K+12K	7K+7K+7K+7K	7K+7K+9K+9K	7K+9K+12K+12K
	9K+12K	7K+7K+18K	9K+12K+12K	7K+7K+7K+12K		
	9K+18K	7K+9K+18K	7K+7K+12K	7K+7K+9K+12K		
	12K+12K	9K+9K+12K	7K+9K+12K	7K+7K+7K+9K		
	12K+18K	7K+7K+9K	9K+9K+9K	7K+7K+9K+9K		
	7K+7K	7K+9K+9K	9K+9K+18K	7K+9K+9K+9K		
	7K+9K	7K+12K+18K	12K+12K+12K	9K+9K+12K+12K		
	7K+12K		9K+12K+18K	7K+7K+7K+18K		
	9K+9K			7K+7K+9K+18K		
	18K+18K			7K+7K+12K+12K		
				7K+9K+12K+12K		
				9K+9K+9K+9K		
				9K+9K+9K+12K		
				7K+9K+9K+12K		

### 97 combinations

GWHD(36)NK3BO	Two units		Three units		Four units		
	7K+21K	18K+24K	7K+7K+7K	7K+12K+24K	9K+12K+18K	7K+7K+7K+7K	7K+7K+12K+12K
	7K+24K	7K+12K	7K+7K+18K	7K+18K+18K	9K+12K+24K	7K+7K+7K+9K	7K+9K+9K+18K
	9K+9K	7K+18K	7K+7K+24K	9K+9K+9K	9K+18K+18K	7K+7K+7K+12K	9K+9K+12K+12K
	9K+24K	9K+12K	7K+9K+12K	12K+12K+12K	7K+7K+7K+18K	7K+9K+9K+12K	9K+12K+12K+12K
	12K+18K	9K+18K	7K+9K+12K	9K+9K+18K	12K+12K+18K	7K+7K+7K+24K	9K+9K+9K+24K
	12K+24K	24K+24K	7K+9K+18K	9K+9K+24K	12K+12K+24K	7K+7K+9K+9K	7K+12K+12K+18K
	12K+24K	7K+9K+24K	9K+12K+12K	9K+18K+24K	7K+7K+9K+12K	9K+9K+12K+24K	9K+9K+12K+24K
	18K+18K	7K+12K+12K		12K+18K+18K	7K+7K+9K+12K	9K+9K+18K+24K	9K+9K+18K+24K
		7K+12K+18K		12K+18K+24K	7K+7K+9K+24K	9K+9K+18K+24K	9K+9K+18K+24K
		7K+7K+9K		18K+18K+18K	7K+7K+12K+24K	7K+9K+12K+12K	12K+12K+12K
		7K+7K+12K		7K+18K+18K	7K+9K+18K+18K	12K+12K+12K+12K	
		7K+9K+9K			7K+12K+12K+18K		
		7K+18K+24K				7K+12K+12K+24K	

### 155 combinations

Two units		Three units			Four units			Five units	
9K+24K	7K+7K+18K	9K+9K+18K	9K+24K+18K	9K+9K+18K+18K	7K+9K+18K	9K+18K+18K	7K+7K+9K+18K	7K+7K+7K+18K	7K+9K+9K+18K
12K+21K	7K+7K+24K	9K+9K+24K	12K+12K+24K	9K+9K+24K+24K	12K+12K+12K	12K+12K+12K	12K+12K+12K	7K+7K+12K+18K	7K+9K+12K+18K
12K+24K	7K+9K+18K	9K+12K+18K	12K+12K+18K	9K+12K+18K+18K	12K+12K+12K	12K+12K+12K	12K+12K+12K	7K+7K+12K+18K	7K+9K+12K+18K
18K+18K	7K+9K+24K	9K+12K+24K	12K+12K+24K	9K+12K+24K+24K	12K+12K+12K	12K+12K+12K	12K+12K+12K	7K+7K+12K+18K	7K+9K+12K+18K
18K+24K	7K+12K+18K	9K+12K+18K	12K+12K+18K	9K+1					

## Amber



Model	GWH09YC-K6DNA1A/I		GWH12YC-K6DNA1A/I		GWH18YD-K6DNA1A/I		GWH24YE-K6DNA1A/I	
<b>Function</b>								
Capacity	Cooling	Btu/h	8900	12000	18084	24000		
	Heating	Btu/h	10000	13000	19005	24500		
Power Supply		Ph,V,Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50		
Air flow Volume		m³/h(SH/H/MH/M/ML/L/SL)	660/590/540/490/450/420/390	680/590/540/490/450/420/390	850/750/610/520	1250/1100/1000/950/900/850/750		
		CFM(SH/H/MH/M/ML/L/SL)	388/347/318/288/265/247/230	400/347/318/288/265/247/230	500/441/359/306	735.625/647.35/588.5/559.075/529.65/500.225/441		
Sound Pressure Level (SH/H/MH/M/ML/L/SL)		dB(A)	41/39/37/35/33/31/24	43/39/37/35/34/32/25	49/45/43/41/39/37/34	49/47/44/42/40/38/36		
Connecting Pipe	Gas	inch(mm)	φ9.52	φ9.52	φ12	φ16		
	Liquid	inch(mm)	φ6	φ6	φ6	φ6		
Dimension(WxHxD)	Outline	mm	865×290×210	865×290×210	996×301×225	1101×327×249		
	Package	mm	34.055×11.417×8.268	34.055×11.417×8.268	39.213×11.85×8.858	43.346×12.874×9.803		
Net Weight /Gross Weight		Kg	10.5/12.5	11/13	13.5/16.5	16.5/20		
Loading Quantity	20'GP	sets	96	96	60	54		
	40'GP/40'HQ	sets	198/229	198/229	125/145	114/130		

## Lomo

Model	GWH09QB-K6DNA1E/I		GWH12QC-K6DNA1D/I		GWH18QD-K6DNA1D/I		GWH24QE-K6DNA1E/I	
<b>Function</b>								
Capacity	Cooling	Btu/h	9212	11942	17742	23884		
	Heating	Btu/h	10236	12522.04	18084	25248.8		
Power Supply		Ph,V,Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50		
Air flow Volume		m³/h(SH/H/MH/M/ML/L/SL)	610/570/540/470/440/420/390	680/620/560/490/450/420/390	800/720/650/610/570/520/470	1250/1100/1000/950/900/850/750		
		CFM(SH/H/MH/M/ML/L/SL)	359/335/318/277/259/247/230	400.18/364.87/329.56/288.365/264.825/247.17/229.515	471/424/383/359/335/306/277	735.625/647.35/588.5/559.075/529.65/500.225/441.375		
Sound Pressure Level (SH/H/MH/M/ML/L/SL)		dB(A)	40/37/35/32/30/28/26	42/38/36/34/32/29/26	45/43/41/38/35/34/31	48/45/42/39/37/36/33		
Connecting Pipe	Gas	inch(mm)	φ9.52	φ9.52	φ12	φ16		
	Liquid	inch(mm)	φ6	φ6	φ6	φ6		
Dimension(WxHxD)	Outline	mm	889×294×212	889×294×212	1013×307×221	1122×329×247		
	Package	mm	35×11.575×8.346	35×11.575×8.346	39.882×12.087×8.701	44.173×12.953×9.724		
Net Weight /Gross Weight		Kg	11/13	11/13	13.5/16.5	16.5/20		
Loading Quantity	20'GP	sets	104	92	60	52		
	40'GP/40'HQ	sets	211/252	191/218	125/142	111/128		

## Fairy

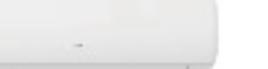


Model	GWH09ACC-K6DNA1A/I		GWH12ACC-K6DNA1D/I		GWH18ACD-K6DNA1D/I		GWH24ACE-K6DNA1A/I	
<b>Function</b>								
Capacity	Cooling	Btu/h	9212	11942	17742	23884		
	Heating	Btu/h	10236	12522.04	18084	25248.8		
Power Supply		Ph,V,Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50		
Air flow Volume		m³/h(SH/H/MH/M/ML/L/SL)	610/570/540/470/440/420/390	680/620/560/490/450/420/390	800/720/650/610/570/520/470	1250/1100/1000/950/900/850/750		
		CFM(SH/H/MH/M/ML/L/SL)	359/335/318/277/259/247/230	400.18/364.87/329.56/288.365/264.825/247.17/229.515	471/424/383/359/335/306/277	735.625/647.35/588.5/559.075/529.65/500.225/441.375		
Sound Pressure Level (SH/H/MH/M/ML/L/SL)		dB(A)	40/37/35/32/30/28/26	42/38/36/34/32/29/26	45/43/41/38/35/34/31	48/45/42/39/37/36/33		
Connecting Pipe	Gas	inch(mm)	φ9.52	φ9.52	φ12	φ16		
	Liquid	inch(mm)	φ6	φ6	φ6	φ6		
Dimension(WxHxD)	Outline	mm	889×294×212	889×294×212	1013×307×221	1122×329×247		
	Package	mm	35×11.575×8.346	35×11.575×8.346	39.882×12.087×8.701	44.173×12.953×9.724		
Net Weight /Gross Weight		Kg	11/13	11/13	13.5/16.5	16.5/20		
Loading Quantity	20'GP	sets	104	92	60	52		
	40'GP/40'HQ	sets	211/252	191/218	125/142	111/128		

## Bora

Model	GWH09AAB-K6DNA3A/I		GWH12AAB-K6DNA3A/I		GWH18AAD-K6DNA1B/I		GWH24AAD-K6DNA1A/I	
<b>Function</b>								
Capacity	Cooling	Btu/h	8530	10918	15695	21000		
	Heating	Btu/h	9554	11601	17742	22000		
Power Supply		Ph,V,Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50		
Air flow Volume		m³/h(SH/H/MH/M/ML/L/SL)	550/500/430/300	550/500/430/300	850/720/610/520	850/720/610/520		
		CFM(SH/H/MH/M/ML/L/SL)	324/294/253/177	324/294/253/177	500/424/359/306	500/424/359/306		
Sound Pressure Level (SH/H/MH/M/ML/L/SL)		dB(A)	40/37/35/28	42/37/35/28	48/45/39/34	48/44/40/34		
Connecting Pipe	Gas	inch(mm)	φ9.52	φ9.52	φ12.7	φ16		
	Liquid	inch(mm)	φ6	φ6	φ12.7	φ16		
Dimension(WxHxD)	Outline	mm	773×250×185	773×250×185	970×300×225	970×300×225		
	Package	mm	30.433×9.843×7.283	30.433×9.843×7.48	38.189×11.811×8.858	38.189×11.811×8.858		
Net Weight /Gross Weight		Kg	8.5/9.5	8.5/9.5	13.5/16.5	13.5/16.5		
Loading Quantity	20'GP	sets	118	99	86	60		
	40'GP/40'HQ	sets	240/284	210/246	183/210	130/148		

## Muse



Model	GWH09AFC-K6DNA1A		GWH12AFC-K6DNA1D		GWH18AFD-K6DNA1D		GWH2	

### Cassette Type Indoor Unit



Model		GKH(12)BB-K6DNA3A/I	GKH(18)BB-K6DNA3A/I	GKH(24)BC-K6DNA4A/I
Function				
Capacity	Cooling	Btu/h	11900	15400
	Heating	Btu/h	13600	17100
Power Supply		Ph,V,Hz	1Ph,220~240V,51Hz	1Ph,220~240V,51Hz
Air flow Volume		m³/h(SH/H/MH/MML/L/SL)	650/560/520/450	710/670/590/450
		CFM(SH/H/MH/MML/L/SL)	382.525/330/306/265	417.835/394/347/265
Sound Pressure Level		dB(A) (H/L/M)	44/41/38/34	47/45/41/35
Connecting Pipe		Gas	mm	9.52
		Liquid	mm	6
Main Body	Dimension (WxDxH)	Outline	mm	596×596×240
	Package	mm	778×738×300	840×840×240
	Net Weight/Gross Weight	Kg	20.0/24.0	20.0/24.0
Panel	Dimension (WxDxH)	Outline	mm	670×670×50
	Package	mm	763×763×105	950×950×60
	Net Weight/Gross Weight	Kg	3.5/5	3.5/5
Loading Quantity	20'GP	sets	147	147
	40'GP/40'HQ	sets	329/376	329/376
			168/192	

### Floor Ceiling Type Indoor Unit



Model		GTH(09)CA-K6DNA1A	GTH(12)CA-K6DNA1A	GTH(18)CA-K6DNA1A	GTH(24)CB-K6DNA2A
Function					
Capacity	Cooling	Btu/h	8900	11900	15400
	Heating	Btu/h	9200	13600	17100
Power Supply		Ph,V,Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz
Air flow Volume		m³/h(SH/H/MH/MML/L/SL)	700/610/540/420	700/610/540/420	680/590/520/410
		CFM(SH/H/MH/MML/L/SL)	412/359/318/247	412/359/318/247	400.18/347/306/241
Sound Pressure Level (SH/H/MH/MML/L/SL)		dB(A)	38/35/30/26	38/35/30/26	38/35/30/26
Connecting Pipe		Gas	inch(mm)	9.52	12
		Liquid	inch(mm)	6	6
Dimension(WxHxD)	Outline	mm	870×235×665	870×235×665	1200×235×665
	Package	mm	1033×770×300	1033×770×300	1363×770×300
Net Weight /Gross Weight		Kg	25.0/30.0	25.5/30.5	33.0/40.0
Loading Quantity	20'GP	sets	112	112	112
	40'GP/40'HQ	sets	231/264	231/264	231/264
			175/200		

### CONSOLE

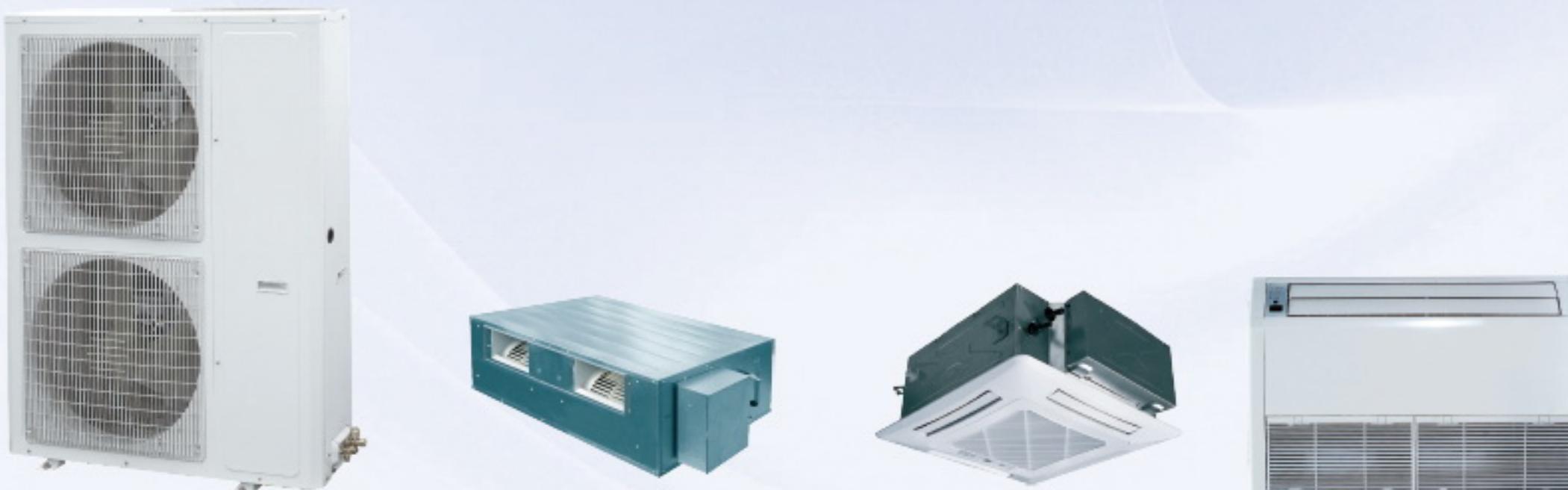


Model		GEH09AA-K6DNA1E/I	GEH12AA-K6DNA1E/I	GEH18AA-K6DNA1E/I
Function				
Capacity	Cooling	Btu/h	9200	11900
	Heating	Btu/h	9500	12800
Power Supply		Ph,V,Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz
Air flow Volume		m³/h(SH/H/MH/MML/L/SL)	500/430/410/370/330/280/250	600/520/480/440/400/360/280
		CFM(SH/H/MH/MML/L/SL)	294/253/697/218/561/165/425	353/306/282/259/235/212/165
Sound Pressure Level (SH/H/MH/MML/L/SL)		dB(A)	40/36/34/32/30/26/23	42/40/38/36/34/31/25
Connecting Pipe		Gas	inch(mm)	9.52
		Liquid	inch(mm)	6
Dimension(WxHxD)	Outline	mm	700×600×215	700×600×215
	Package	mm	788×283×697	788×283×697
Net Weight /Gross Weight		Kg	15.5/18.5	15.5/18.5
Loading Quantity	20'GP	sets	181	181
	40'GP/40'HQ	sets	381/454	381/454

## 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.



- Built-in drain pump
- High efficiency
- Intelligent defrosting
- Cold Air Prevention
- Comprehensive protection
- Compact design
- Easier maintainability

- 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.

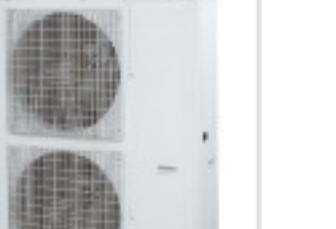


### Indoor Unit

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

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

## Indoor Units Lineup

Capacity Index (BTU/h)		9K	12K	18K	24K	30K			
		Model	GUHD09NK3FO	GUHD12NK3FO	GUHD18NK3FO	GUHD24NK3FO	GUHD30NK3FO		
Outdoor Unit	Picture								
Indoor Unit	Duct	Model	GFH09K3FI	GFH12K3FI	GFH18K3FI	GFH24K3FI	GFH30K3FI		
		Picture							
Indoor Unit	Cassette	Model	—	GKH12K3FI	GKH18K3FI	GKH24K3FI	GKH30K3FI		
		Picture	—						
Indoor Unit	Floor Ceiling	Model	GTH09K3FI	GTH12K3FI	GTH18K3FI	GTH24K3FI	GTH30K3FI		
		Picture							
Capacity Index (BTU/h)		36K	42K	48K	60K				
		Model	GUHD36NK3FO	GUHD36NM3FO	GUHD42NK3FO	GUHD42NM3FO	GUHD48NK3FO	GUHD48NM3FO	GUHD60NM3FO
Outdoor Unit	Picture								
Indoor Unit	Duct	Model	GFH36K3FI	GFH36K3FI	GFH42K3FI	GFH42K3FI	GFH48K3FI	GFH48K3FI	GFH60K3FI
		Picture							
Indoor Unit	Cassette	Model	GKH36K3FI	GKH36K3FI	GKH42K3FI	GKH42K3FI	GKH48K3FI	GKH48K3FI	GKH60K3FI
		Picture							
Indoor Unit	Floor Ceiling	Model	GTH36K3FI	GTH36K3FI	GTH42K3FI	GTH42K3FI	GTH48K3FI	GTH48K3FI	GTH60K3FI
		Picture							

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

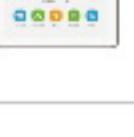
Model	Outdoor unit		GUHD18NK3FO		GUHD24NK3FO	
	Indoor unit		Duct	Cassette	Floor Ceiling	Duct
Capacity	Cooling	kW	GFH18K3FI	GKH18K3FI	GTH18K3FI	GFH24K3FI
	Heating		17060	17060	17060	23884
	Power supply		5.6	5.5	5.6	8.0
SEER/SCOP		W/W		5.6/3.8	5.6/3.8	6.1/4.0
Power supply		Ph/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50
Power input	Cooling	kW	1.55		1.55	2.18
	Heating		1.55	1.58	1.55	2.21
	Current input		A	7.5	7.2	10.1
Refrigerant charge volume		kg		7.4	7.2	10.2
Air flow volume(H/M/L)		CFM		1.4	1.4	2.2
Power supply		m <sup>3</sup> /h		589	447	589
Indoor unit	ESP		1000	760	1000	1400
	Range		25	—	25	—
	Sound pressure level (SH/H/M/L)		Pa	40/39/36/28	47/46/44/37	44/42/38/32
Dimension (W×D×H)		Outline Package		mm	1279×558×268	840×840×240
Net weight/Gross weight		kg		1123×798×323	773×733×300	963×963×325
Panel		Net weight/Gross weight		mm	1343×823×315	1343×823×315
Outdoor unit		Sound pressure level		kg	1348×597×283	963×963×325
Dimension (W×D×H)		Outline Package		33/38	20/24	34/39
Net weight/Gross weight		mm		mm	39/48	34/39

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	5.6/4.0	5.6/4.0	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(H/M/L)	CFM	824	883	883	1236	1095	1118		
		m³/h	1400	1500	1500	2100	1860	1900		
	ESP	Rated Range	Pa Pa	37 0-75	— —	37 0-100	— —	— —		
	Sound pressure level (SH/H/M/L)	dB(A)	47/46/44/40	49/48/45/40	49/46/44/38	53/52/48/44	51/49/46/43	54/53/51/46		
	Dimension (W×D×H)	Outline Package	mm mm	1279×558×268	840×840×320	1420×700×245	1226×775×290	840×840×320	1420×700×245	
	Net weight/Gross weight	kg	34/39	31/38	48/56	46/53	31/38	48/56		
Panel	Dimension (W×D×H)	Outline Package	mm mm	—	950×950×60	—	950×950×60	—		
	Net weight/Gross weight	kg	—	7.0/11	—	—	7.0/11	—		
	Sound pressure level	dB(A)	58			63				
Outdoor unit	Dimension (W×D×H)	Outline Package	mm mm	980×427×790			1107×440×1100			
	Net weight/Gross weight	kg	1083×488×855			1158×493×1235				
Connection pipe	Outer diameter	Liquid Gas	inch(mm) inch(mm)	φ3/8(9.52)			φ3/8(9.52)			
	Max.distance	Height/Length	m	φ5/8(15.9)			φ5/8(15.9)			
Loading quantity	40'GP/40'HQ	-	76/89	49/69	57/67	45/60	43/50	45/56		

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	42650	46062	52886	54592	54592		
SEER/SCOP		W/W	5.6/4.0	6.1/4.0	5.6/4.0	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			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		
		m³/h	2100	1860	1900	2400	2300	2300		
	ESP	Rated Range	Pa Pa	37 0-100	— —	50 0-125	— —	— —		
	Sound pressure level (SH/H/M/L)	dB(A)	53/52/48/44	51/49/46/43	54/53/51/46	55/54/52/47	55/54/52/47	55/54/52/47		
	Dimension (W×D×H)	Outline Package	mm mm	1226×775×290	840×840×320	1420×700×245	1226×775×290	840×840×320	1420×700×245	
	Net weight/Gross weight	kg	46/53	31/38	48/56	46/53	31/38	50/58		
Panel	Dimension (W×D×H)	Outline Package	mm mm	—	950×950×60	—	—	—	1040×1040×65	
	Net weight/Gross weight	kg	—	7.0/11	—	—	—	—	1137×1137×140	
	Sound pressure level	dB(A)	61			59				
Outdoor unit	Dimension (W×D×H)	Outline Package	mm mm	958×412×1349			958×412×1349			
	Net weight/Gross weight	kg	1043×453×1500			1043×453×1500				
Connection pipe	Outer diameter	Liquid Gas	inch(mm) inch(mm)	φ3/8(9.52)			φ3/8(9.52)			
	Max.distance	Height/Length	m	φ5/8(15.9)			φ5/8(15.9)			
Loading quantity	40'GP/40'HQ	-	52/58	45/48	43/47	38/48	43/50	43/47		

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	5.6/3.8	5.6/4.0	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								

## Control System Lineup

Controlling system		Product series	High efficiency series		
			Duct type	Cassette type	Floor ceiling type
Wireless remote controller	YB1FA		○	●	●
	YY1FB7		○	○	○
	YAM1F		○	○	○
	YAM1FF		○	○	○
Wired controller			●	○	○
Smart zone controller	CE50-24/E		○	○	○
	CE52-24/F(C)		○	○	○
Other modules	Optoelectronic isolated converter	RS232-RS422 485		○	○

Note: ● means standard, ○ means optional.

Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.