GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI

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

HONG KONG GREE ELECTRIC APPLIANCES SALES LIMITED

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

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

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

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Distributor information

GREE 2019RAC EU

GREE
AIR CONDITIONER



2019 RESIDENTIAL AIR CONDITIONER

EU

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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

ทชีฮาตฤ مكيفر گازى
مكيف الهواء air conditioner
랭온풍기 エアコン एर कन्डिशनर
空调 climatiseur
acondicionador de aire
ar condicionado

300,000,000 users

1 in **3** air conditioner sold worldwide is made by Gree



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 Deve-lopment 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.

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 cha-r acteristic, Gree was favored by con-sumers, 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 Condition-ers" and "Gree for High Quality", as a large number of high-quality products launched into the market, Gree gained the unanimous recognition of consum-ers 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 technolo-gies, for serving the global consum-ers. 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 Safe 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



ODP=0

GWP=675

Low toxicity, same with R410A

Micro flammability

Automatic ignition temperature for R32 is 648℃.

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.

GREE

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 sotor and sriver 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

2018

CAN+ communication technology based on VRF Unit



2017

Distributed air supply technology in heat pump air conditioners



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℃



2016

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



2010

G-Matrik low-frequecy 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.


VDE Prüf- und Zertifizierungsinstitut

ZEICHENGENEHMIGUNG
MARKS APPROVAL

Qualification Certificate

of

Gree Electric Appliances Inc. of Zhuha
Jinji West Road, Qianshan,
519070 ZHUHAI
GUANGDONG
CHINA

by

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute

for the

Test Data Acceptance Program

VDE INSTITUT

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

		Environmental Performance		Safty		Economic Performance	
		ODP	GWP *	Flammability	Toxicity	Equipment cost	Efficiency
Refrigerants currently used in developing countries	R22(HCFC)	0.055	1,810	●	●	●	●
Refrigerants currently used in industrialized countries	R410A(HFC)	0	2090	●	●	●	●
	R32(HFC)	0	675	○	●	●	●
Possible next-generation refrigerants	R1234yf(HFO)	0	4	○	●	○	◐
	R744(CO2)	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

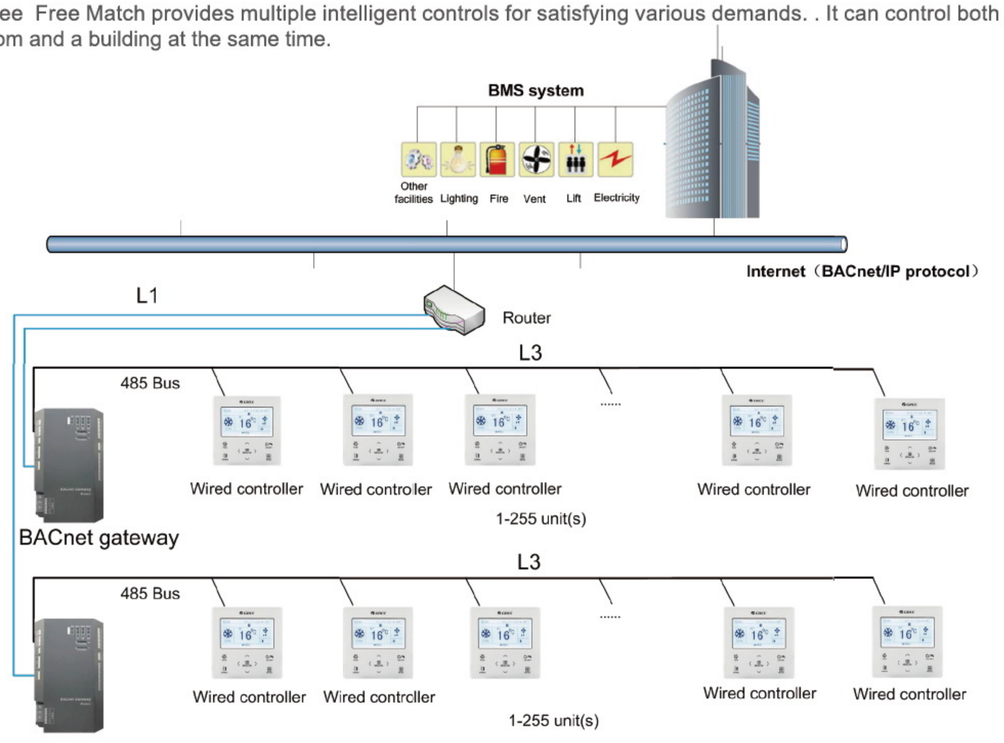
R290 R32 R410A R134a R22

G10 INVERTER

- **Ultra low frequency torque control**
  - Constant temperature
  - Energy saving
- **High-speed DSP chip**
  - Accurate calulation
  - Efficient operation
- **Wide frequency precise control**
  - Unceasing operation
  - Accurate control
- **Power factor correction technology**
  - Hign efficiency • better protection
- **Environment-friendly Refrigerant**
  - Low-carbon design
  - High effciency
- **Ultra-low noise control**
  - Quiet
  - Comfortable
- **Computer simulation control**
  - Less fluctuation • Low noise
- **Automatic voltage adaptation (150-260V)**
  - More stability
  - Less damage
- **High reliability**
  - Excellent quality
  - Superior performance
- **UHF flux-weakening control**
  - Rapid cooling • rapid heating

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 ODUs 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).

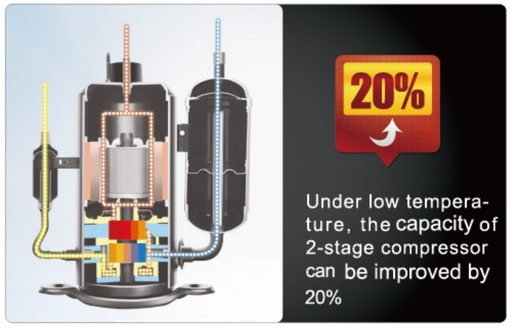
The admissible unit quantity for BACnet gateway: one BACnet gateway can be connected to a maximum of 255 wired controllers (including the subordinate IDU and ODU).

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

Gree self-developed technology “triple-cylinder two-stage totary compressor of cariable colume ratio” achieves reliable heating performance in ultra-low ambient temperature. This technology greatly improves the heating capacity of air conditioner in extreme cold environment. Heating capacity will not be decreased even when outdoor ambient temperature is as low as -20℃. It’ s accredited by expert team as "world leading" level.



Two-Stage Compressor



VS

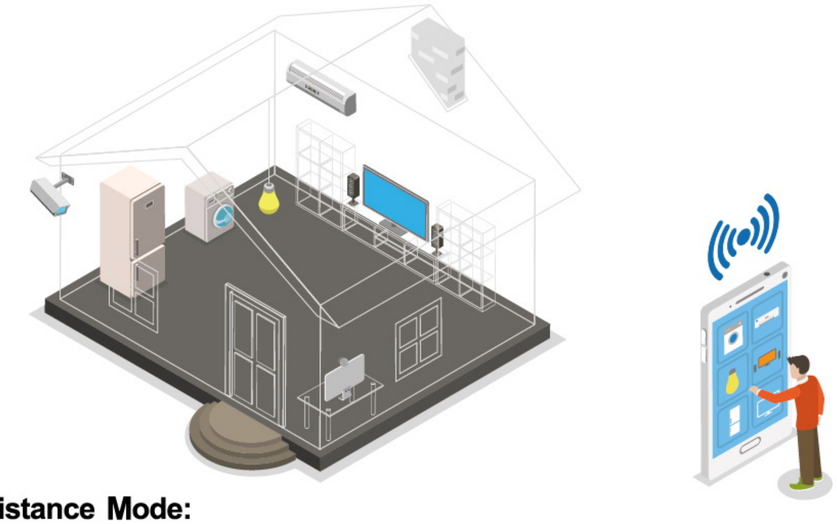


	Gree 2-stage inverter compressor	Conventional inverter compressor
Applicable temperature range	-30℃ 54℃	-15℃ 43℃
	Reliable operation within -30°C-54°C	Reliable operation within -15°C-43°C
Cooling (heating) capacity	30% 35%	Without improvement Without improvement
	Heating capacity is improved by 30% Cooling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

GREE SMART LIFE

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.

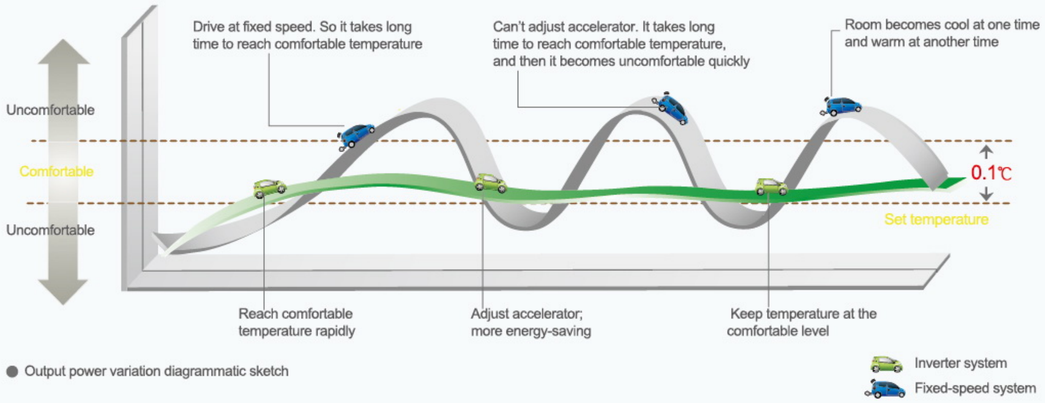


Long distance mode:

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.

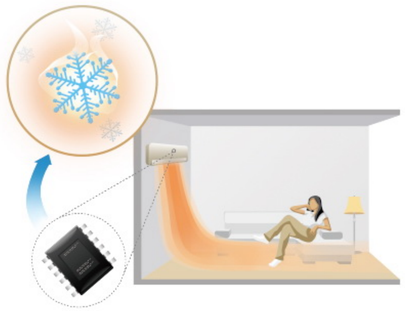
HEALTH

How Inverter Saves Energy

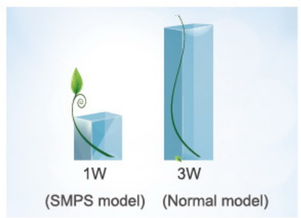


Intelligent Defrosting

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.



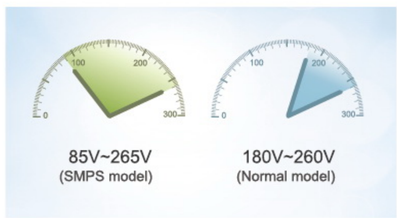
SMPS ▶



High efficient and uiet Fan ▶



Better PCB protection between 85V-265V ▶

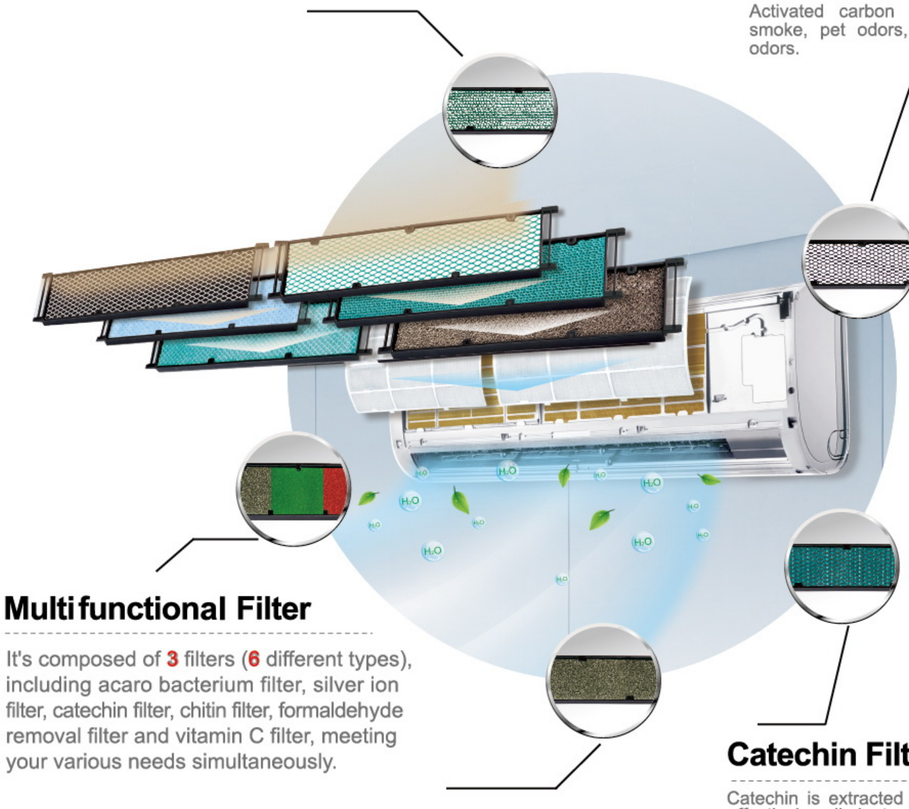


Photocatalytic Filter

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

Active Carbon Filter

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

Silver Ion Filter

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

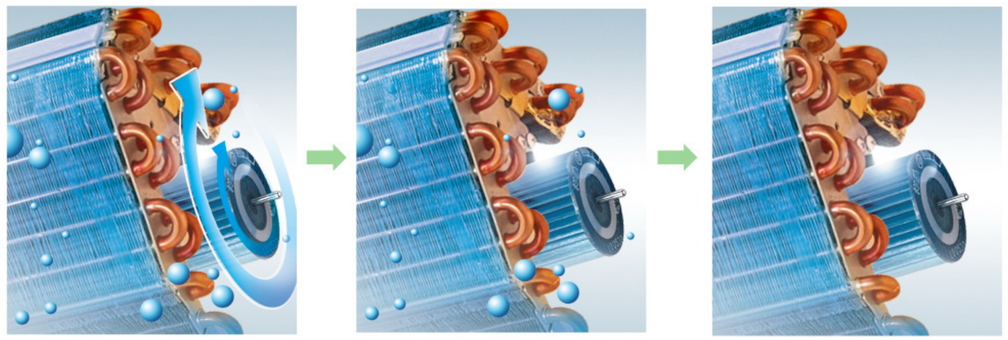
Catechin Filter

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

HEALTH

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 filer 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



8℃ Heating

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

-15℃ Cooling

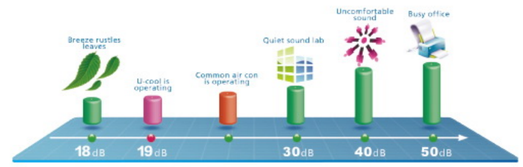
The unit operates stably under cooling mode at -15℃. As the outdoor temperature changes, the frequency of compressor and the fan speed will be adjusted accordingly.

-20℃ Heating

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

Low Noise

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

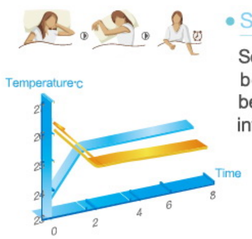


Turbo Cooling



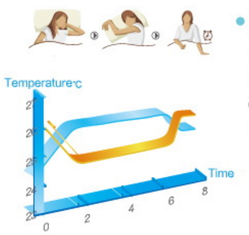
Press "Turbo" button on remote controller for big air flow, which enables the indoor temperature to reach the set temperature in a shorter time.

Comfortable Sleep Mode



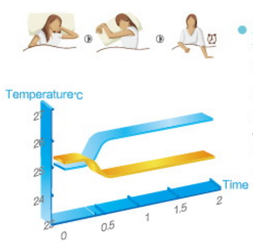
- Sound sleep mode

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



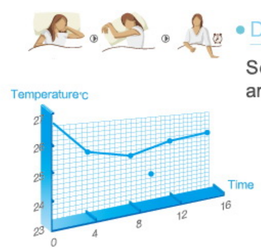
- Good sleep mode

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.



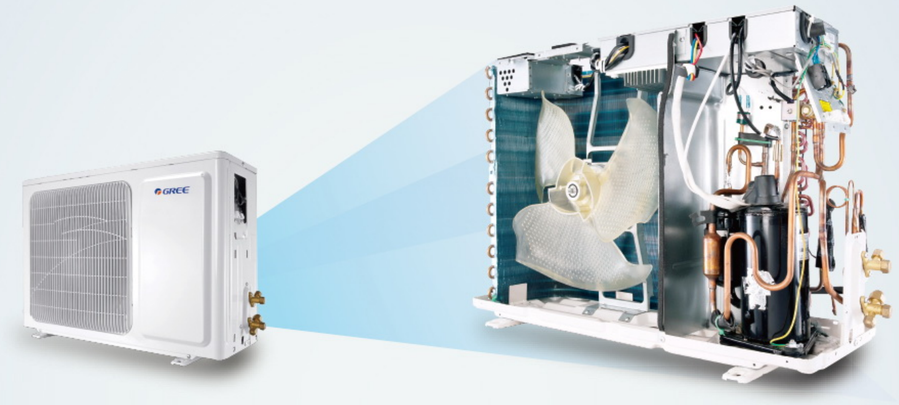
- DIY mode

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 he 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.



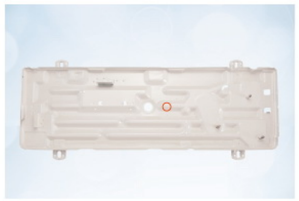
Anti-corrosive Golden/ Blue Fin

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.

High Temp Resistance PCB

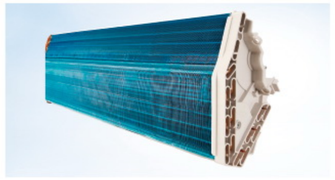
In the inverter outdoor unit, the PCB could work well even when temperature is up to 85℃, The metal casing is fireproof.





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.



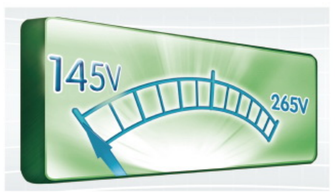
Fire-proof Electric Box

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 — Rapid cooling or heating

2 — — Decrease set temperature; hold the button for 2 seconds to decrease set temperature rapidly.

3 — Start the ventilation system or generate cold plasma

4 CLOCK — Set present time or display timer

5 TEMP — Show set indoor/outdoor temperature

6 LIGHT — Turn on/off the light on the unit

7 WiFi — WiFi control for short-distance and long distance operation

8 FAN — Choose fan speed

9 — Set horizontal swing angle

10 + — Increase set temperature; hold the button for 2 seconds to increase set temperature rapidly.

11 — Set vertical swing angle

12 MODE — Set operation modes: auto, cool, dry, fan and heat

13 TIMER OFF — For turning off timer

14 IFEEL — The unit adjusts the operation according to the temperature sensed by the remote controller for improving the comfort.

15 SLEEP — Air conditioner will run according to the preset sleep temperature curve

16 QUIET — 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
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℃ 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 ℃ low ambient cooling	●	●	●	●	●	●
-15 ℃ low ambient Heating		●	●	●	●	●
-20 ℃ low ambient Heating		○	○	○	○	○
-30 ℃ 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

G10 Inverter

Wifi Control · 130° Swing Angle Left-right · 180° Swing Angle Up-down · -18 °C Cooling · -30 °C Heating · 54 °C Cooling · LED Remote Control · Dehumidifying · Light Function · R410A

Intelligent Preheating · 3D Airflow · I Feel · Auto Restart · Quiet Design · 7 Fan Speeds · 4 Sleep curves · Auto Clean · Lock · LED Display

Mono&Multi Compatible · 8° CHeating · Timer

Features: ● Standard ○ Optional

Wall-mounted type



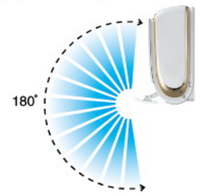
Supply air from wide angle

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

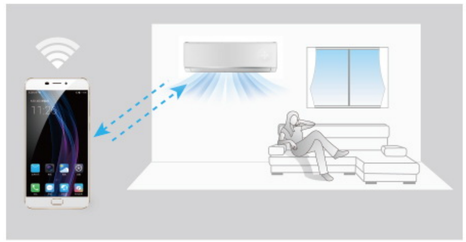
Super performance at the temperature from -30°C to 54°C.



	Gree 2-stage inverter compressor	Conventional inverter compressor
Appcable temperature range	-30℃ 54℃ Reliable operation within -30°C-54°C	-15℃ 43℃ Reliable operation within -15°C-43°C
Cooling (heating) capacity	30% 35% Heating capacity is improveed by 30% Cooling capacity is improveed by 35%	Without improvment Without improvment Heating capacity and Cooling capacity is not improveed
Air outlet temperature	12℃ 52℃ 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℃ 40℃ 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℃ heating

Maintain the room temperature steadily at 8℃ 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 ClassCool/Heat(A)/Heat(W)Heat(C)			A++/A++/A+++/A	A++/A++/A+++/A	A++/A+/A+/B
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	600(95~1500)	920(95~1550)	1600(200~2050)
	Heating	W	800(100~1630)	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	WxHxD	mm	860×305×170	860×305×170	960x320x205
Package Dimension	WxHxD	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	WxHxD	mm	899×596×378	899×596×378	950×700×396
Package Dimension	LxHxW	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

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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°CHeating
-30 °C Heating
54 °C Cooling

Features: ● Standard ○ Optional

Wall-mounted type



High efficiency A+++

A+++ Energy Efficiency Class

Energy-saving two-stage compressor

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



VS



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

4-way air outlet

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



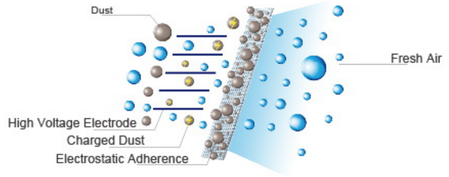
7 kinds of fan speed modes

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 seeting.



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.



R410A A+++ INVERTER

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	12000/11200/17100	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+++/B	A++/A+/A+++/C
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz/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/H/MH/M/ML/L/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
Indoor Unit							
Sound Pressure Level	Indoor	dB(A)(SH/H/MH/M/ML/L/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	888×377×297	945×377×297	945×377×297	1097×397×340	1256×414×364
Net Weight/Gross Weight	Indoor	kg	10.5/12.5	11.0/13	11.0/13	14/17	17/21
Outdoor Unit							
Sound Pressure Level	Outdoor	dB(A)	50	54	54	56	58
Piping Connection	Gas	mm	φ9.52	φ9.52	φ12	φ16	φ16
	Liquid	mm	φ6	φ6	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	848X540X320	899X596X378	899X596X378	965X700X396	980 x790x427
Package Dimension	WxHxD	mm	881×363×595	948×420×645	948×420×645	1029×458×750	1083×488×855
Net Weight/Gross Weight	Outdoor	kg	35/37.5	41/44	43/46	47.5/52	65/70
Loading Quantity	40'GP	sets	188	166	166	119	84
	40'HQ	sets	218	186	186	135	104

For Northern Europe

R410A A+++ INVERTER

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	6.5/4/4.6/3.3	6.2/4.0/4.6/3.3
Energy Class Cool/Heat(A)/Heat(W)/SCOP(C)			A+++/A+++/A+++/A+	A++/A++/A+++/B	A++/A+/A++/B	A++/A+/A++/B
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz/60Hz	1Ph,220-240V,50/60Hz	1Ph,220-240V,50/60Hz
Power Input	Cooling	W	600(120~1100)	890(215~1300)	1510(300~2450)	2000(450~3700)
	Heating	W	650(120~1600)	900(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/H/MH/M/ML/L/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
Indoor Unit						
Sound Pressure Level	Indoor	dB(A)(SH/H/MH/M/ML/L/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	1178×326×249
Package Dimension	WxHxD	mm	945x377x295	943X301X375	1097X340X397	1256 x414x364
Net Weight/Gross Weight	Indoor	kg	11/13	11/13	14/17	17/21
Outdoor Unit						
Sound Pressure Level	Outdoor	dB(A)	C:51 H:52	C:51 H:52	C:53 H:56	C:55 H:56
Piping Connection	Gas	mm	φ9.52	φ12	φ12	φ16
	Liquid	mm	φ6	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	899X596X378	899x596x378	965X700X396	980 x790x427
Package Dimension	WxHxD	mm	948X645X420	948X645X420	1029X750X458	1083x855x488
Net Weight/Gross Weight	Outdoor	kg	41/44	43.5/46.5	51/55.5	65/70
Loading Quantity	40'GP	sets	166	164	119	84
	40'HQ	sets	186	188	135	104

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Wall-mounted type



Amber

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

Features: ● Standard ○ Optional

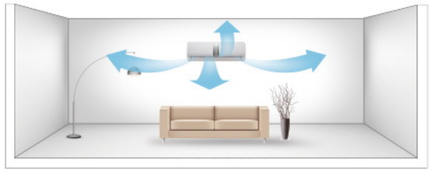
8℃ to 30℃ Adjustable Heating Mode

The room temperature can be set steadily from 8℃ to 30℃ 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+++

+++ Energy Efficiency Class

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	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	9200	12000	18080	24000
	Heating	Btu/h	10000	13000	19000	24500
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>
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	2000
	Heating	W	650	975	1428	1845
Rated Current	Cooling	A	6.4	6.4	6.9	16.4
	Heating	A	7.6	7.6	6.3	16.9
Airflow Volume	Indoor	m^3/h	660/590/540/490/450/420/390	680/590/540/490/450/420/390	850/750/700/610/560/520/450	1250/1100/1000/950/900/850/750
Indoor Unit						
Sound Pressure Level	Indoor	dB(A) (SH/H/M/L)	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
Outline Dimension	WxHxD	mm	865×290×210	865×290×210	996×301×225	1101×327×249
Package Dimension	WxHxD	mm	931×281×379	931×281×379	1060×380×322	1167×405×354
Net Weight / Gross Weight	Indoor	Kg	10.5/12.5	11/13	13.5/16.5	16.5/20
Outdoor Unit						
Sound Pressure Level	Outdoor	dB(A)	52	53	57	60
Piping Connection	Gas	mm/inch	φ9.52	φ9.52	φ12	φ16
	Liquid	mm/inch	φ6	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	848×596×320	848×596×320	965x700x396	965x700x396
Package Dimension	WxHxD	mm	881×363×645	881×363×645	1029×458×750	1029×458×750
Net Weight/ Gross Weight	Outdoor	Kg	33.5/36.5	33.5/36.5	45/49.5	53/57.5
Loading Quantity	40'GP	sets	198	198	125	114
	40'HQ	sets	229	229	145	130

For Northern Europe

Model			GWH09YD-S6DBA2A *	GWH12YD-S6DBA2A *	GWH18YE-S6DBA2A *	GWH24YE-S6DBA2A *
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	9200	12000	18084	24000
	Heating	Btu/h	12000	14300	19000	24000
EER/COP		W/W	4.4/4.4	3.5/3.5/4.8	4.02/4.22	7000(btu/h)
SEER/SCOP(A)/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
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	1850
	Heating	W	745	950	1320	1750
Rated Current	Cooling	A	3.52	4.2	13	16.4
	Heating	A	4.63	4.4	18	16.4
Airflow Volume	Indoor	m^3/h(SH/H/M/L)	800/720/570/560/500/450	850	1200/1150/1050/950/850/780/600	1200
Indoor Unit						
Sound Power Level	Indoor	dB(A)(SH/H/M/L)	43/39/37/35/33/31/24	46/44/41/39/37/31/24	60/57/55/52/49/47/45	64/60/57/55/53/51/49
Outline Dimension	WxHxD	mm	996×301×225	996×301×225	1101×327×249	1101×327×249
Package Dimension	WxHxD	mm	1060×380×322	1060×380×322	1167×405×354	1167×405×354
Net Weight/Gross Weight	Indoor	kg	13/16	13.5/16.5	16.5/20	16.5/20
Outdoor Unit						
Sound Power Level	Outdoor	dB(A)	53	56	63	68
Piping Connection	Gas	mm	φ9.52 / 3/8"	9.52 / 3/8"	16/ (5/8")	16/ (5/8")
	Liquid	mm	φ6 / 1/4"	6 / 1/4"	6/ (1/4")	6/ (1/4")
Outline Dimension	WxHxD	mm	899×596×378	899×596×378	980×790×427	980×790×427
Package Dimension	WxHxD	mm	948×645×420	948×645×420	1083×855×488	1083×855×488
Net Weight/Gross Weight	Outdoor	kg	44.5/47.5	45/48	62.5/67.5	65/70
Loading Quantity	40'GP	sets	156	156	86	86
	40'HQ	sets	180	180	107	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



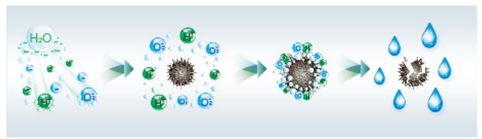
Door control

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.



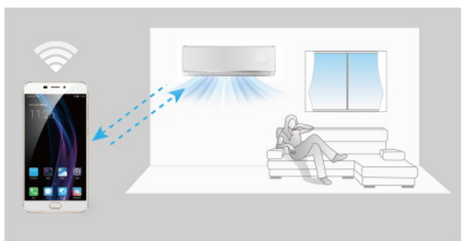
Cold plasma

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.

R32 INVERTER

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
SEER/SCOP(A)SCOP(W)SCOP(C)		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
Power Input	Cooling	W	805	1085
	Heating	W	779	990
Rated Current	Cooling	A	6.3	6.6
	Heating	A	6.8	6.8
Airflow Volume	Indoor	m³/h	610/570/540/470/440/420/390	680/620/560/490/450/420/390
Indoor Unit				
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
Outdoor Unit				
Sound Pressure Level	Outdoor	dB(A)	50	52
Piping Connection	Gas	mm/inch	φ9.52	φ9.52
	Liquid	mm/inch	φ6	φ6
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
SEER/SCOP(A)SCOP(W)SCOP(C)		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
Power Input	Cooling	W	1528	1900
	Heating	W	1410	1897
Rated Current	Cooling	A	10.9	8.73
	Heating	A	11.5	8.84
Airflow Volume	Indoor	m³/h	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)	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
Outdoor Unit				
Sound Pressure Level	Outdoor	dB(A)	57	57
Piping Connection	Gas	mm/inch	φ12	φ16
	Liquid	mm/inch	φ6	φ6
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

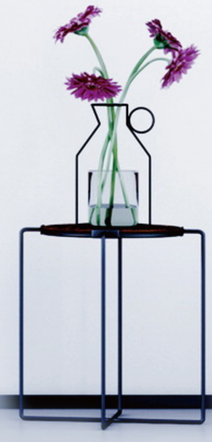


Muse

Features: ● Standard ○ Optional

Model			GWH09AFC-K6DNA1A	GWH12AFC-K6DNA1D	GWH18AFD-K6DNA1D	GWH24AFE-K6DNA1A
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	9200	11942	17742	23880
	Heating	Btu/h	10200	12522	18084	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
Power Input	Cooling	W	805	1085	1528	1900
	Heating	W	779	990	1410	1897
Rated Current	Cooling	A	6.3	6.6	10.9	15
	Heating	A	6.8	6.8	11.5	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	mm/inch	φ9.52	φ9.52	φ12	φ16
	Liquid	mm/inch	φ6	φ6	φ6	φ6
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	sets	203	191	125	111
	40'HQ	sets	242	218	142	128





Lomo



Features: ● Standard ○ Optional

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)



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.



R32 INVERTER

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	23880
	Heating	Btu/h	9600	12500	18084	25248.8
Pdesignh (A)Pdesignh (W)Pdesignh©		KW	2.60/2.8/2.7	3.00/3.5/4.5	4.20/4.3/5	6.40/6.9/6.3
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	6.50/4/5.1/3.3
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
Power Input	Cooling	W	820	1085	1528	1900
	Heating	W	755	990	1410	1897
Rated Current	Cooling	A	6.3	6.69	10.9	15
	Heating	A	6.8	6.8	11.5	17.5
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	45/43/41/38/35/34/31	48/45/42/39/37/36/33
Outline Dimension	WxHxD	mm	790×275×200	845×289×209	970×300×224	1078×325×246
Package Dimension	WxHxD	mm	866×271×367	921×281×379	1041×383×320	1148×413×350
Net Weight /Gross Weight	Indoor	Kg	9/11	10.5/12.5	13.5/16.5	16.5/20
Sound Pressure Level	Outdoor	dB(A)	50	52	57	57
Piping Connection	Gas	mm/inch	φ9.52	φ9.52	φ12	φ16
	Liquid	mm/inch	φ6	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	776×540×320	848×596×320	965×700×396	965×700×396
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	sets	224	196	127	118
	40'HQ	sets	262	226	146	131





Bora

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

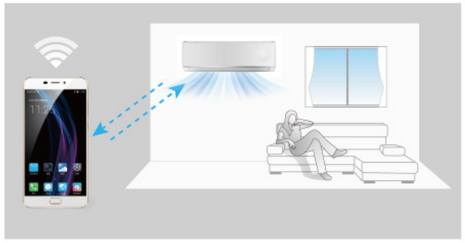
Features: ● Standard ○ Optional

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.



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 considerately.



① Water still exists in air conditioner after power off

② Air louver keeps operating

③ Keep clean and dry inside the unit

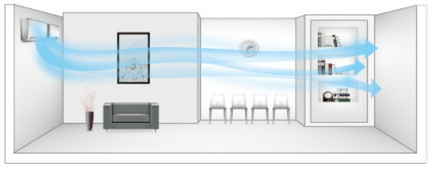
Adjustable memory

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



Turbo cooling

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



R32 INVERTER

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	6.10/4.00/5.10/3.30	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
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	m^3/h	550/500/430/300	550/500/430/300	850/720/610/520	850/720/610/520
Indoor Unit						
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	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
Outdoor Unit						
Sound Pressure Level	Outdoor	dB(A)	52	52	56	57
Piping Connection	Gas	mm	φ9.52	φ9.52	φ12	φ16
	Liquid	mm	φ6	φ6	φ6	φ6
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
Loading Quantity	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.

R32 INVERTER

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)		K/W	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	6.1/4.0/5.1/3.2	6.1/4.0/5.1/3.3	6.1/4.0/5.1/-	6.1/4.0/5.1/-
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	1Ph，220-240V~,50Hz	1Ph，220-240V~,50Hz	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	m^3/h	550/500/430/300	550/500/430/300	850/720/610/520	850/720/610/520
Indoor Unit						
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	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
Outdoor Unit						
Sound Pressure Level	Outdoor	dB(A)	52	52	54	56
Piping Connection	Gas	mm/inch	φ9.52	φ9.52	φ9.52	φ12
	Liquid	mm/inch	φ6	φ6	φ6	φ6
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
Loading Quantity	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

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

Features: ● Standard ○ Optional

Floor Standing

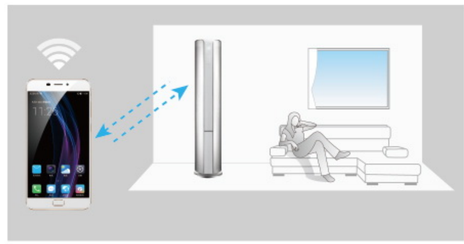


First created max unlimited air flow system

Max
Unbouned fan system

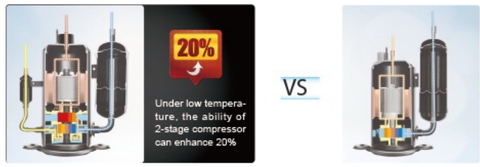
WiFi intelligent control

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

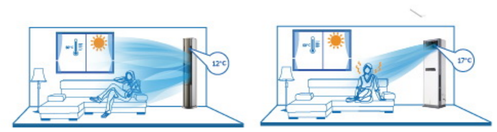
Super performance at the temperature from -30°C to 54°C.



	Gree 2-stage inverter compressor	Conventional inverter compressor
Appcable 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 improveed by 30% Cooling capacity is improveed by 35%	Without improvment Without improvment Heating capacity and Cooling capacity is not improveed
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℃

Cooling capacity won't decrease even through ambient temperature reaches 54℃, 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
Eenrgy 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

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I- Shine

- Timer
- Lock
- Quick Cooling /Heating
- Intelligent Defrosting Monitor
- Refrigerant Lacking Protection
- Intelligent& Controllable Electric Heating
- Quiet Design
- Wide Operation Climate Range
- Healthy Filters
- Crashproof Design
- Touch Button
- Intelligent Defrosting Monitor
- LED Display
- Closed Structure of Connection Pipe Outlet
- Mice Prevention Design
- Wide Voltage Range
- Fireproof Design

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 sytle.



User-friendly touch display

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



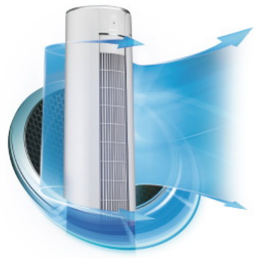
Diamond-style base

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



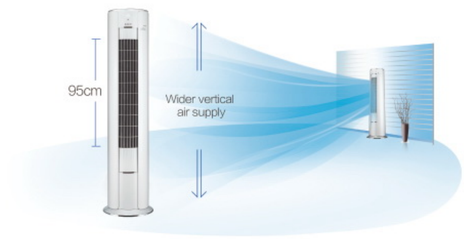
Wide-angle swing mode for wider air supply range

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.



R410A INVERTER

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
Indoor Unit			
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
Outdoor Unit			
Sound Pressure Level	Outdoor	dB(A)(SH/H/M/L)	67
Piping Connection	Gas	mm	φ16
	Liquid	mm	φ6
Outline Dimension	WxHxD	mm	955*700*396
Package Dimension	WxHxD	mm	1629*750*458
Net Weight/Gross Weight	Outdoor	kg	54/58.5
Loading Quantity	40'GP	sets	54
	40'HQ	sets	64

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Floor Standing



T-Fresh

Timer
Lock
Quick Cooling /Heating
Closed Louver Design
Refrigerant Lacking Protection
Intelligent& Controllable Electric Heating
Quiet Design
Wide Operation Climate Range
Healthy Filters
Touch Button
Intelligent Defrosting Monitor
LED Display
Closed Structure of Connection Pipe Outlet
Auto Restart

Features: Standard Optional

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

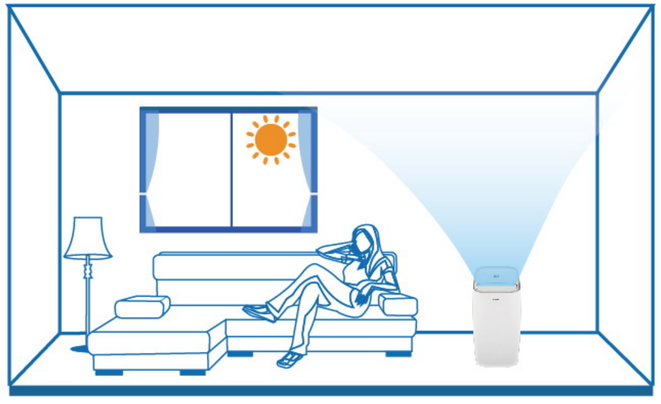
Concealed display screen and touch control button

Model			GVH24AL-K3DNC7A
Function			Cooling/Heating
Capacity	Cooling	Btu/h	24600
	Heating	Btu/h	25600
Pdesignh(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	φ16
	Liquid	mm	φ6
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

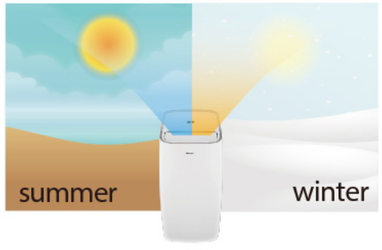
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Top air discharge design and wide air supply range, more comfortable



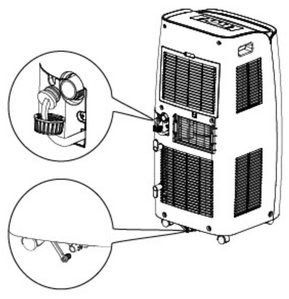
Sufficient system configuration, strong overload capacity



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

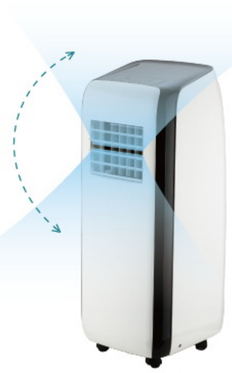
Dehumidifying · Timer · Comfortable Sleep Curves · Auto Restart · Self-diagnosis · 0.5 W Standby · Automatic Operation · LED Display · Wide Swing · Wifi Control

Features: ● Standard ○ Optional

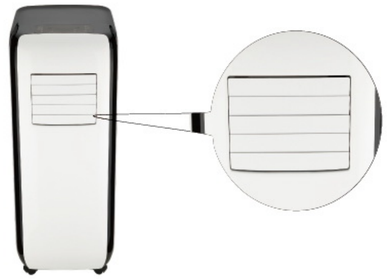
- Novel “waterfall” shape appearance



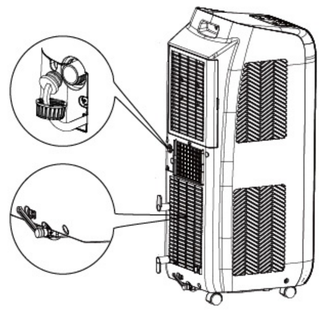
- With up&down auto swing function, for intelligent air supply



- 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/H/M/L)	51/49/47	51/49/47
Outline Dimension	WxHxD	mm	304x805x358	304x805x358
Package Dimension	WxHxD	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

Dehumidifying · Timer · Comfortable Sleep Curves · Auto Restart · Self-diagnosis · 0.5 W Standby · Automatic Operation · LED Display · Wide Swing · Wifi Control

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.



₹ 290

Model			GPC07AM-K5NNA2A	GPC09AM-K5NNA2A
Function			Cooling	Cooling
Capacity	Cooling	W	2100	2600
	Heating	W	/	/
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	805	1000
	Heating	W	/	/
Rated Current	Cooling	A	4.3	5.5
	Heating	A	/	/
Airflow Volume	Indoor	m³/h(H/M/L)	320/290/260	320/290/260
Sound Pressure Level	Indoor	dB(A)(H/M/L)	52/50/48	53/51/49
Outline Dimension	WxHxD	mm	304x805x358	304x805x358
Package Dimension	WxHxD	mm	365x829x493	365x809x493
Net Weight /Gross Weight	Indoor	Kg	24/29.5	27/32.5
Loading Quantity	40'GP	sets	304	304
	40'HQ	sets	455	455

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Portable Type



Shiny

Dehumidifying · Timer · Comfortable Sleep Curves · Auto Restart · Self-diagnosis · 0.5 W Standby · Automatic Operation · LED Display · Wide Swing · Wifi Control

Features: ● Standard ○ Optional

High energy efficiency

Model 10K reach A+ energy effiency

A+ Energy Efficiency Class

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

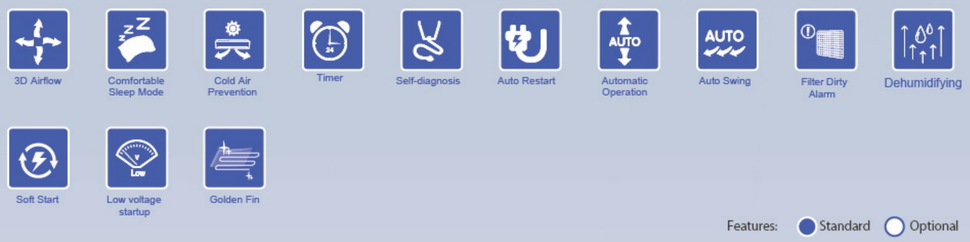
Model			GPC07AK-K5NNA3A	GPC09AK-K5NNA3A	GPC12AL-K5NNA3A	GPH12AL-K5NNA3A	GPC10AL-K5NNA1A(wifi)
Function							
Capacity	Cooling/ Heating	W	2100/-	2600/-	3500/-	3500/3300	2900
EER/C.O.P		W/W	2.6/-	2.6/-	2.6/-	2.6/2.8	3.1/-
Power Supply		Ph,V,Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50
Power Input	Cooling/ Heating	W	708	1000	1345	1345	935
Rated Current	Cooling	A	4.3	5.5	7.8	7.8	5.2
Air flow Volume	Indoor	m³/h (H/M/L)	320/290/260	320/290/260	360/330/300	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	52/50/48
Outline Dimension	WxHxD	mm	315x770x395	315x770x395	390×820×405	390×820×405	390×820×405
Package Dimension	WxHxD	mm	358x881x463	358x881x463	581x862x455	581x862x455	581x862x455
Net Weight /Gross Weight	Indoor	Kg	24.5x28.5	27/31	35/40	36.5/41.5	36/41
Loading Quantity	40'GP	sets	330	330	208	208	208
	40'HQ	sets	494	494	311	311	311



Window type



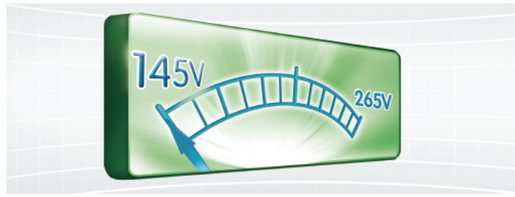
Coolani



Features: ● Standard ○ Optional

145V low voltage start up

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



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.



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.



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	12454
	Heating	Btu/h	-	-
SEER		W/W	5.2	5.4
Energy Class Cool			A	A
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	782	1030
	Heating	W	-	-
Rated Current	Cooling	A	5.5	6.5
	Heating	A	-	-
Airflow Volume	Indoor	m^3/h	400/360/320	480/430/380
Sound Power Level	Indoor	dB(A)(SH/H/ML)	50/48/46	50/48/46
	Outdoor	dB(A)(SH/H/ML)	56/54/52	58/56/54
Outline Dimension	WxHxD	mm	560×375×708	660×428×700
Package Dimension	WxHxD	mm	623×425×806	739x505x793
Net Weight/Gross Weight	Indoor	kg	43/47	50/54
Loading Quantity	40'GP	sets	260	184
	40'HQ	sets	312	230

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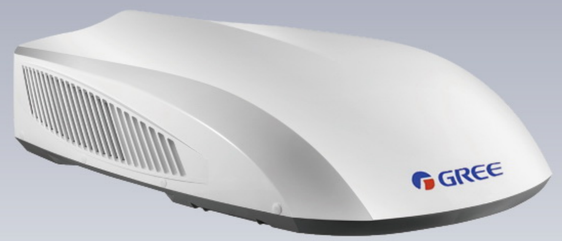


Shark

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

Features: Standard Optional

Recreational Vehicle AC



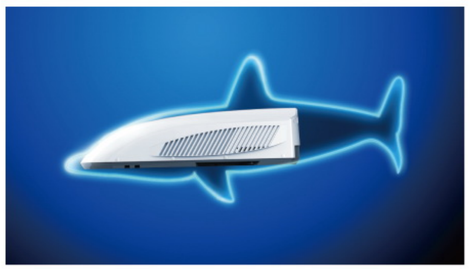
R410A

Model			GRH085DA-K3NA2B	GRH120DA-K3NA2B
Function			Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	8530	11942
	Heating	Btu/h	7506	10918
EER/C.O.P		W/W	2.34/2.24	2.76/2.71
AEER		W/W	/	/
AEER/ACOP		W/W	/	/
Star Rating（ACOP）				
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	1070	1270
	Heating	W	980	1180
Rated Current	Cooling	A	6.6	8
	Heating	A	/	/
Airflow Volume	Indoor	m3/h	340/260/220/130	340/260/220/130
Indoor Unit				
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
Outdoor Unit				
Sound Pressure Level	Outdoor	dB(A)	65/55	65/55
Outline Dimension	WxHxD	mm	1018x650x259	1018/650/259
Package Dimension	WxHxD	mm	1102x340x718	1102/340/718
Net Weight/Gross Weight	Outdoor	Kg	42.5/49	41/46
Loading Quantity	40'GP	sets	187	187
	40'HQ	sets	215	215

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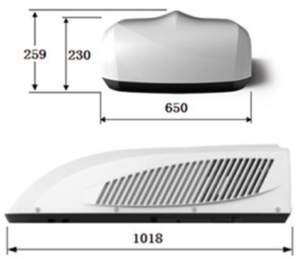
Fashionable appearance

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





Dehumidifier

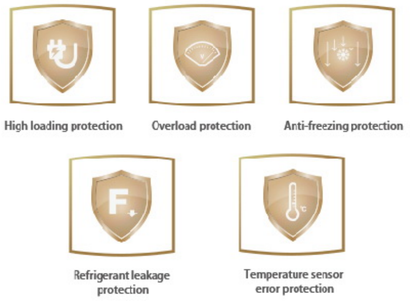


Petal

Water Level Display
Intelligent Defrosting
Auto Restart
Self-diagnosis
0.5 W Standby
Water Overflow Protection
External Drain Connector

Features: ● Standard ○ Optional

5-layer guard shield



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

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Daisy

Turbo Boost Clothes drying System
Comfortable Dehumidifying System
Filter cleaning prompt
6-layer Guard Shield
24-hour Timer Function
Touch Screen Button
Dual-8 Humidity Display
Wifi Control
Quiet Mode

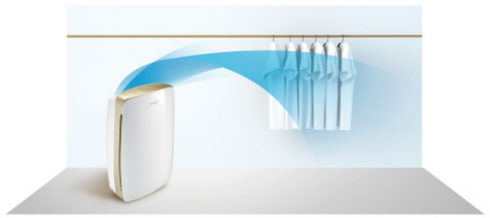
Features: ● Standard ○ Optional

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℃ ,RH60%	L/h	0.5	0.5	0.5
Dehumidification Capacity	30℃ ,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
Power Input	27℃ ,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	282
	40'GP	sets	603	603	585
	40'HQ	sets	804	804	778

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Dehumidifier



Big button design





Water overflow protection

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



Fancy

- 0.5 W Standby
- Timer
- Auto Restart
- Water Overflow Protection
- Filter Cleaning Reminder
- Self-diagnosis
- Humidity Display

Features: ● Standard ○ Optional

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

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Console

LED Display
Intelligent Defrosting
8°C Heating
Comfortable Sleep Mode
Cold Air Prevention
Quiet Design
Timer
Auto Clean
Automatic Operation
'Turbo' Button
Dehumidifying
Low Voltage Startup
Self-diagnosis
I Feel
Healthy Filters
Cold Plasma
Energy Saving
Wifi Control
Wired Controller
Door control

Features: ● Standard ○ Optional

Light Commercial



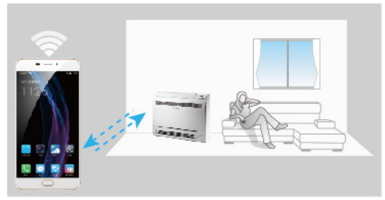
Slim body and flexible installation

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.

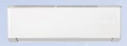


INVERTER

Model			GEH09AA-K3DNA1D	GEH12AA-K3DNA1D	GEH18AA-K3DNA1D
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	9200	11900	11700
	Heating	Btu/h	9500	12800	18100
	Pdesignh	Btu/h	9200	11900	11700
SEER/SCOP(A)		W/W	6.50/4.00	6.40/4.0	6.50/4.1
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	1Ph,220-240V,50Hz
Power Input	Cooling	W	735	1100	1600
	Heating	W	745	1000	1500
Rated Current	Cooling	A	5.85	5.9	10.9
	Heating	A	6.25	7	11.1
Airflow Volume	Indoor	m^3/h	500/430/410/370/330/280/250	600/520/480/440/400/360/280	700/650/580/520/460/410/320
Indoor Unit					
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	40/36/34/32/30/26/23	42/40/38/36/34/31/25	47/45/42/40/37/35/31
Outline Dimension	WxHxD	mm	700×215×600	700×215×600	700×215×600
Package Dimension	WxHxD	mm	788×283×685	788×283×697	788×283×697
Net Weight/Gross Weight	Indoor	kg	15.5/18.5	15.5/18.5	15.5/18.5
Outdoor Unit					
Sound Power Level	Outdoor	dB(A)	52	52	57
Piping Connection	Gas	mm	φ9.52	φ9.52	φ12
	Liquid	mm	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	776×540×320	776×540×320	955×700×396
Package Dimension	WxHxD	mm	823×358×595	823×358×595	1029×458×750
Net Weight/Gross Weight	Outdoor	kg	31/33.5	31.5/34	46/50.5
Loading Quantity	40'GP	sets	180	180	121
	40'HQ	sets	201	201	133

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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: U-Crown	Wall mounted type: Hansol	Wall mounted type: Lomo	Duct type	Cassette type	Floor ceiling type	Console type
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)	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

7K+7K	7K+9K
7K+12K	9K+9K
9K+12K	7K+18K
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
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	9K+9K+9K+12K
7K+24K	7K+12K	7K+7K+18K	7K+18K+18K	9K+12K+24K	7K+7K+7K+9K	7K+7K+12K+18K	9K+9K+9K+18K
9K+9K	7K+18K	7K+7K+24K	9K+9K+9K	9K+18K+18K	7K+7K+7K+12K	7K+9K+9K+9K	9K+9K+12K+12K
9K+24K	9K+12K	7K+9K+12K	9K+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	7K+9K+12K+12K	9K+9K+9K+24K
12K+12K	24K+24K	7K+9K+18K	9K+9K+24K	12K+12K+24K	7K+7K+9K+9K	7K+12K+12K+12K	9K+9K+12K+18K
12K+24K		7K+9K+24K	9K+12K+12K	9K+18K+24K	7K+7K+9K+12K	9K+9K+9K+9K	9K+9K+12K+24K
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		7K+12K+18K		12K+18K+24K	7K+7K+9K+24K	7K+9K+12K+18K	9K+12K+12K+18K
		7K+7K+9K		18K+18K+18K	7K+7K+12K+24K	7K+9K+12K+24K	12K+12K+12K+12K
		7K+7K+12K			7K+7K+18K+18K	7K+9K+18K+18K	12K+12K+12K+18K
		7K+9K+9K			7K+12K+12K+18K		
		7K+18K+24K					

155 combinations



GWHD(42)
NK3BO

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

Outdoor Unit

R32

Model			GWHD(14) NK6LO(LCLH)	GWHD(18) NK6LO(LCLH)	GWHD(21) NK6LO(LCLH)	GWHD(24) NK6LO(LCLH)	GWHD(28) NK6LO(LCLH)	GWHD(36) NK6LO(LCLH)	GWHD(42) NK6LO(LCLH)
Function									
Capacity	Cooling	Btu/h	14000	17700	24200	24200	27300	35800	40900
	Heating	Btu/h	15000	18400	29000	29000	32400	40900	44400
SEER			6.1	6.3	6.10	6.1	6.10	6.10	6.10
Power Supply		Ph,V,Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,51Hz	1Ph,220~240V,52Hz	1Ph,220~240V,53Hz	1Ph,220~240V,54Hz	1Ph,220~240V,55Hz
Power Input	Cooling	KW	1.20	1.45	1.74	1.95	2.30	3.10	3.45
	Heating	KW	1.02	1.30	1.60	2.2	2.65	3.20	3.50
Refrigerant Charge Volume		Kg	1.05	1.05	1.6	1.8	2.0	2.75	2.75
Air Flow Volume		m³/h	2600	2600	3200	4000	4000	5500	5500
Sound Pressure Level		dB(A)	55	55	58	58	58	60	60
Dimension(WxHxD)	Outline	mm	899×378×596	899×378×596	955×396×700	980×427×790	980×427×790	1087×440×1103	1087×440×1103
	Package	mm	948×420×645	948×420×645	1029×458×750	1083×488×855	1083×488×855	1158×493×1235	1158×493×1235
Net Weight /Gross Weight		Kg	43.0/46.0	43.0/46.0	55.0/59.5	68.0/73.0	69.0/74.0	90.0/98.0	90.0/98.0
Connecting Pipe	Gas	mm	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52
	Liquid	mm	φ6	φ6	φ6	φ6	φ6	φ6	φ6
Max.equivalent connection pipe length		m	10	10	20	20	20	25.0	25.0
Maximum drive IDU NO.		unit	2	2	3	3	4	4	5
Loading Quantity	40'GP/ 40'HQ	sets	204/272	204/272	171/171	96/144	96/144	48/96	48/96

Amber



Model			GWH09YC-K6DNA1A/I	GWH12YC-K6DNA1A/I	GWH18YD-K6DNA1A/I	GWH24YE-K6DNA1A/I
Function						
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

Fairy



Model			GWH09ACC-K6DNA1A/I	GWH12ACC-K6DNA1D/I	GWH18ACD-K6DNA1D/I	GWH24ACE-K6DNA1A/I
Function						
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	φ6	φ6	φ6
	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

Muse



Model			GWH09AFC-K6DNA1A	GWH12AFC-K6DNA1D	GWH18AFD-K6DNA1D	GWH24AFE-K6DNA1A
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	9212	11942	17742	23884
	Heating	Btu/h	10236	12522	18084	25249
Pdesignh（A）Pdesignh(W)Pdesignh©		W/W	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	6.80/-/4.10/3.30	7.00/-/4.00/3.2	7.0/-/4.0/3.4	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
Power Input	Cooling	W	805	1085	1528	1900
	Heating	W	779	990	1410	1897
Rated Current	Cooling	A	3.8	5.0	6.8	8.73
	Heating	A	3.5	4.5	6.3	8.84
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	mm/inch	φ9.52	φ9.52	φ12	φ16
	Liquid	mm/inch	φ6	φ6	φ6	φ6
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	sets	203	191	125	111
	40'HQ	sets	242	218	142	128

Lomo



Model			GWH09QB-K6DNA1E/I	GWH12QC-K6DNA1D/I	GWH18QD-K6DNA1D/I	GWH24QE-K6DNA1E/I
Function						
Capacity	Cooling	Btu/h	9212	11942	17742	23884
	Heating	Btu/h	9554	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)	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
		CFM(SH/H/MH/M/ML/L/SL)	330/288/271/253/224/194/171	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
Sound Pressure Level (SH/H/MH/M/ML/L/SL)		dB(A)	41/37/35/32/29/26/24	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	790×275×200	845×289×209	970×300×224	1078×325×246
	Package	mm	31.102×10.827×7.874	33.268×11.378×8.228	38.189×11.811×8.819	42.441×12.795×9.685
Net Weight /Gross Weight		Kg	9/11	10.5/12.5	13.5/16.5	16.5/20
Loading Quantity	20'GP	sets	108	93	60	55
	40'GP/40'HQ	sets	224/262	196/226	127/146	118/131

Bora



Model			GWH09AAB-K6DNA3A/I	GWH12AAB-K6DNA3A/I	GWH18AAD-K6DNA1B/I	GWH24AAD-K6DNA1A/I
Function						
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	φ9.52	φ16
	Liquid	inch(mm)	φ6	φ6	φ6	φ6
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

Duct Type Indoor Unit



Model			GFH(09)EA-K6DNA1B/I	GFH(12)EA-K6DNA1B/I	GFH(18)EA-K6DNA1B/I	GFH(21)EA-K6DNA1B/I	GFH(24)EA-K6DNA1B/I
Function							
Capacity	Cooling	Btu/h	8530	11942	17060	20472	24225.2
	Heating	Btu/h	9554	13136	18766	22519.2	27296
Power Supply		Ph,V,Hz	1Ph,220~240V,51Hz	1Ph,220~240V,52Hz	1Ph,220~240V,53Hz	1Ph,220~240V,54Hz	1Ph,220~240V,55Hz
Air flow Volume		m³/h(SH/H/MH/M/ML/L/SL)	//450/350/280	//550/400/300	//700/600/500	//1000/750/550	//1000/750/550
		CFM(SH/H/MH/M/ML/L/SL)	//265/206/165	//324/235/177	//411.95/353.1/294.25	//588.5/441.375/323.675	//588.5/441.375/323.675
Sound Pressure Level (SH/H/MH/M/ML/L/SL)		dB(A)	//37/34/31	//39/35/32	//41/36/33	//42/37/34	//42/37/34
Connecting Pipe	Gas	inch(mm)	Φ9.52	Φ9.52	Φ12.7	Φ15.9	Φ15.9
	Liquid	inch(mm)	Φ6.35	Φ6.35	Φ6.35	Φ9.52	Φ9.52
Dimension(WxHxD)	Outline	mm	700×615×200	700×615×200	900×615×200	1100×615.00×200.00	1100×615.00×200.00
	Package	mm	893×743×305	893×743×305	1123×743×305	1323×743×305	1323×743×305
Net Weight /Gross Weight		Kg	21/26	22/28	26/32	30/40	30/40
Loading Quantity	20'GP	sets	108	108	90	72	72
	40'GP/40'HQ	sets	234/234	234/234	180/180	162/162	162/162

Cassette Type Indoor Unit



Model				GKH(12)BB-K6DNA3A/I	GKH(18)BB-K6DNA3A/I	GKH(24)BC-K6DNA4A/I
Function						
Capacity		Cooling	Btu/h	11900	15400	24200
		Heating	Btu/h	13600	17100	27300
Power Supply			Ph,V,Hz	1Ph,220~240V,51Hz	1Ph,220~240V,51Hz	1Ph,220~240V,51Hz
Air flow Volume			m³/h(SH/H/MH/M/ML/L/SL)	650/560/520/450	710/670/590/450	1280/1220/1100/880
			CFM(SH/H/MH/M/ML/L/SL)	382.525/330/306/265	417.835/394/347/265	753.28/718/647/518
Sound Pressure Level			dB(A) (H/L/M)	44/41/38/34	47/45/41/35	47/45/41/36
Connecting Pipe		Gas	mm	9.52	12	16
		Liquid	mm	6	6	9.52
Main Body	Dimension (WXDXH)	Outline	mm	596×596×240	596×596×240	840x840x240
		Package	mm	778×738×300	778×738×300	963x963x325
	Net Weight/Gross Weight		Kg	20.0/24.0	20.0/24.0	26.0/32.0
Panel	Dimension (WXDXH)	Outline	mm	670×670×50	670×670×50	950×950×60
		Package	mm	763×763×105	763×763×105	1033×1038×133
	Net Weight/Gross Weight		Kg	3.5/5	3.5/5	7/11
Loading Quantity		20'GP	sets	147	147	84
		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	24200
	Heating		Btu/h	9200	13600	17100	27300
Power Supply			Ph,V,Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz
Air flow Volume			m³/h(SH/H/MH/M/ML/L/SL)	700/610/540/420	700/610/540/420	680/590/520/410	950/870/800/720
			CFM(SH/H/MH/M/ML/L/SL)	412/359/318/247	412/359/318/247	400.18/347/306/241	559.075/512/471/424
Sound Pressure Level (SH/H/MH/M/ML/L/SL)			dB(A)	38/35/30/26	38/35/30/26	38/35/30/26	38/35/31/27
Connecting Pipe	Gas		inch(mm)	9.52	12	12	16
	Liquid		inch(mm)	6	6	6	9.52
Dimension(WxHxD)	Outline		mm	870×235×665	870×235×665	870×235×665	1200×235×665
	Package		mm	1033×770×300	1033×770×300	1033×770×300	1363×770×300
Net Weight /Gross Weight			Kg	25.0/30.0	25.0/30.0	25.5/30.5	33.0/40.0
Loading Quantity	20'GP		sets	112	112	112	84
	40'GP/40'HQ		sets	231/264	231/264	231/264	175/200

CONSOLE



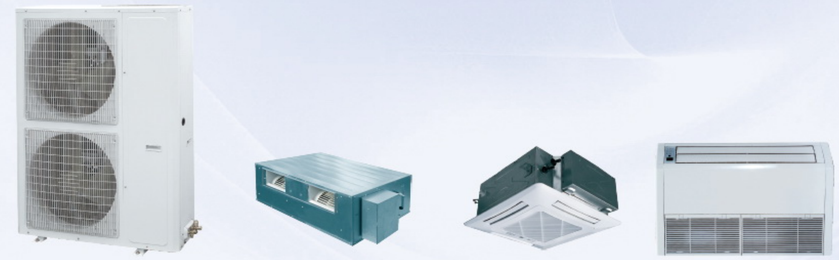
Model			GEH09AA-K6DNA1E/I	GEH12AA-K6DNA1E/I	GEH18AA-K6DNA1E/I
Function					
Capacity	Cooling	Btu/h	9200	11900	17700
	Heating	Btu/h	9500	12800	18200
Power Supply		Ph,V,Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz
Air flow Volume		m³/h(SH/H/MH/M/ML/L/SL)	500/430/410/370/330/280/250	600/520/480/440/400/360/280	700/650/580/520/460/410/320
		CFM(SH/H/MH/M/ML/L/SL)	294/253/697/218/561/165/425	353/306/282/259/235/212/165	412/383/341/306/271/241/188
Sound Pressure Level (SH/H/MH/M/ML/L/SL)		dB(A)	40/36/34/32/30/26/23	42/40/38/36/34/31/25	47/45/42/40/37/35/31
Connecting Pipe	Gas	inch(mm)	9.52	9.52	12
	Liquid	inch(mm)	6	6	6
Dimension(WxHxD)	Outline	mm	700×600×215	700×600×215	700×600×215
	Package	mm	788×283×697	788×283×697	788×283×697
Net Weight /Gross Weight		Kg	15.5/18.5	15.5/18.5	15.5/18.5
Loading Quantity	20'GP	sets	181	181	181
	40'GP/40'HQ	sets	381/454	381/454	381/454

U-Match

R410A INVERTER

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℃ and heating under -10℃ outdoor environment temperature.

CE

Indoor Unit

Duct type

- Drain pump fitted as optional with increased lift of 1100mm.
- Fresh air inlet and air valve control function improve the indoor air quality.
- Flexible air in/outlet and condensing water outlet direction according to different installation requirements.
- Optimized air duct design improves the performance and lower the noise.

Cassette type

- Drain pump fitted as standard with increased lift of 1100mm.
- Special low noise fan design.
- Different swing angle design for cooling and heating mode for better comfort.

Floor ceiling type

- 3-D air flue design.
- Easy replacement of motor and fan blade thanks to clamp block propeller design.
- Different swing angle design for cooling and heating mode for better comfort.

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

Indoor Units Lineup

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

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

Model	Outdoor unit			GUHD09NK3FO		GUHD12NK3FO		
	Indoor unit			Duct	Floor Ceiling	Duct	Cassette	Floor Ceiling
				GFH09K3FI	GTH09K3FI	GFH12K3FI	GKH12K3FI	GTH12K3FI
Capacity	Cooling		kW	2.7	2.7	3.5	3.5	3.5
			BTU/h	9212	9212	11942	11942	11942
	Heating		kW	2.9	2.9	3.8	3.8	3.8
			BTU/h	9895	9895	12966	12966	12966
SEER/SCOP			W/W	5.6/3.8	6.1/3.8	5.6/4.0	5.6/4.0	6.1/4.0
Power supply			Ph/V/Hz	1/220-240/50		1/220-240/50		
Power input	Cooling		kW	0.84	0.84	1.17	1.09	1.09
	Heating		kW	0.80	0.80	1.05	1.05	1.05
Current input	Cooling		A	3.9	3.9	5.4	5.0	5.0
	Heating		A	3.7	3.7	4.9	4.9	4.9
Refrigerant charge volume			kg	1.2	1.2	1.2	1.2	1.2
Indoor unit	Air flow volume(H/M/L)		CFM	383	353	441	412	412
			m^3/h	650	600	750	700	700
	ESP	Rated	Pa	25	—	25	—	—
		Range	Pa	0-30	—	0-30	—	—
	Sound pressure level (SH/H/M/L)		dB(A)	36/34/28/26	31/29/26/24	37/36/34/28	46/45/41/36	35/33/30/27
	Dimension (W×D×H)	Outline	mm	925×665×250	1220×700×225	1037×721×266	596×596×240	1220×700×225
		Package	mm	1023×748×320	1343×823×315	1123×798×323	773×733×300	1343×823×315
	Net weight/Gross weight		kg	27/32	38/47	33/38	20/24	39/48
Panel	Dimension (W×D×H)	Outline	mm	—	—	—	670×670×50	—
		Package	mm	—	—	—	763×763×105	—
	Net weight/Gross weight		kg	—	—	—	3.5/5.0	—
Outdoor unit	Sound pressure level		dB(A)	52		52		
	Dimension (W×D×H)	Outline	mm	848×320×540		848×320×540		
		Package	mm	881×363×595		881×363×595		
	Net weight/Gross weight		kg	34/37		34/37		
Connection pipe	Outer diameter	Liquid	inch(mm)	φ1/4(6.35)		φ1/4(6.35)		
		Gas	inch(mm)	φ3/8(9.52)		φ3/8(9.52)		
	Max.distance	Height/Length	m	15/20		15/20		
Loading quantity		40'GP/40'HQ	-	126/141	96/112	114/131	127/138	96/112

Model	Outdoor unit			GUHD18NK3FO			GUHD24NK3FO		
	Indoor unit			Duct	Cassette	Floor Ceiling	Duct	Cassette	Floor Ceiling
				GFH18K3FI	GKH18K3FI	GTH18K3FI	GFH24K3FI	GKH24K3FI	GTH24K3FI
Capacity	Cooling		kW	5.0	5.0	5.0	7.0	7.0	7.0
			BTU/h	17060	17060	17060	23884	23884	23884
	Heating		kW	5.6	5.5	5.6	8.0	8.0	8.0
			BTU/h	19107	18766	19107	27296	27296	27296
SEER/SCOP			W/W	5.6/3.8	5.6/3.8	6.1/4.0	6.1/4.0	6.1/4.0	5.6/4.0
Power supply			Ph/V/Hz	1/220-240/50			1/220-240/50		
Power input	Cooling		kW	1.55	1.60	1.55	2.18	2.18	2.18
	Heating		kW	1.55	1.58	1.55	2.21	2.21	2.21
Current input	Cooling		A	7.5	7.2	7.2	10.1	10.1	10.1
	Heating		A	7.4	7.6	7.2	10.2	10.2	10.2
Refrigerant charge volume			kg	1.4	1.4	1.4	2.2	2.2	2.2
Indoor unit	Air flow volume(H/M/L)		CFM	589	447	589	824	765	706
			m^3/h	1000	760	1000	1400	1300	1200
	ESP	Rated	Pa	25	—	—	25	—	—
		Range	Pa	0-30	—	—	0-75	—	—
	Sound pressure level (SH/H/M/L)		dB(A)	40/39/36/28	47/46/44/37	44/42/38/32	47/46/44/40	47/46/42/38	49/48/46/40
	Dimension (W×D×H)	Outline	mm	1037×721×266	596×596×240	1220×700×225	1279×558×268	840×840×240	1220×700×225
		Package	mm	1123×798×323	773×733×300	1343×823×315	1348×597×283	963×963×325	1343×823×315
	Net weight/Gross weight		kg	33/38	20/24	39/48	34/39	26/32	40/50
Panel	Dimension (W×D×H)	Outline	mm	—	670×670×50	—	—	950×950×60	—
		Package	mm	—	763×763×105	—	—	1028×1043×130	—
	Net weight/Gross weight		kg	—	3.5/5.0	—	—	7.0/11	—
Outdoor unit	Sound pressure level		dB(A)	56			57		
	Dimension (W×D×H)	Outline	mm	955×396×700			980×427×790		
		Package	mm	1029×458×750			1083×488×855		
	Net weight/Gross weight		kg	47/50			67/72		
Connection pipe	Outer diameter	Liquid	inch(mm)	φ1/4(6.35)			φ3/8(9.52)		
		Gas	inch(mm)	φ1/2(12.7)			φ5/8(15.9)		
	Max.distance	Height/Length	m	15/20			15/30		
Loading quantity		40'GP/40'HQ	-	93/95	95/105	89/97	76/89	64/71	70/86

Model	Outdoor unit			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	6.1/4.0	6.1/4.0
Power supply			Ph/V/Hz	1/220-240/50			1/220-240/50		
Power input	Cooling		kW	2.67	2.67	2.67	3.20	3.20	3.20
	Heating		kW	2.57	2.57	2.57	3.40	3.50	3.40
Current input	Cooling		A	12.4	12.4	12.4	15.0	15.0	15.0
	Heating		A	12.0	12.0	12.0	15.5	16.2	15.8
Refrigerant charge volume			kg	2.4	2.4	2.4	3.5	3.5	3.5
Indoor unit	Air flow volume(H/M/L)		CFM	824	883	883	1236	1095	1118
			m^3/h	1400	1500	1500	2100	1860	1900
	ESP	Rated	Pa	37	–	–	37	–	–
		Range	Pa	0-75	–	–	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	mm	1279×558×268	840×840×320	1420×700×245	1226×775×290	840×840×320	1420×700×245
		Package	mm	1348×597×283	963×963×409	1548×828×345	1338×877×305	963×963×409	1548×828×345
	Net weight/Gross weight		kg	34/39	31/38	48/56	46/53	31/38	48/56
Panel	Dimension (W×D×H)	Outline	mm	–	950×950×60	–	–	950×950×60	–
		Package	mm	–	1028×1043×130	–	–	1028×1043×130	–
	Net weight/Gross weight		kg	–	7.0/11	–	–	7.0/11	–
Outdoor unit	Sound pressure level		dB(A)	58			63		
	Dimension (W×D×H)	Outline	mm	980×427×790			1107×440×1100		
		Package	mm	1083×488×855			1158×493×1235		
	Net weight/Gross weight		kg	71/76			92/100		
Connection pipe	Outer diameter	Liquid	inch(mm)	φ3/8(9.52)			φ3/8(9.52)		
		Gas	inch(mm)	φ5/8(15.9)			φ5/8(15.9)		
	Max.distance	Height/Length	m	15/30			15/30		
Loading quantity		40'GP/40'HQ	-	76/89	49/69	57/67	45/60	43/50	45/56

Model	Outdoor unit			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		A	5.8	5.8	5.8	18.1	17.6	17.2
Refrigerant charge volume			kg	3.5	3.5	3.5	3.7	3.7	3.7
Indoor unit	Air flow volume(H/M/L)		CFM	1236	1095	1118	1236	1095	1118
			m^3/h	2100	1860	1900	2100	1860	1900
	ESP	Rated	Pa	37	–	–	37	–	–
		Range	Pa	0-100	–	–	0-100	–	–
	Sound pressure level (SH/H/M/L)		dB(A)	53/52/48/44	51/49/46/43	54/53/51/46	53/52/48/44	51/49/46/43	55/54/52/47
	Dimension (W×D×H)	Outline	mm	1226×775×290	840×840×320	1420×700×245	1226×775×290	840×840×320	1420×700×245
		Package	mm	1338×877×305	963×963×409	1548×828×345	1338×877×305	963×963×409	1548×828×345
	Net weight/Gross weight		kg	46/53	31/38	48/56	46/53	31/38	50/58
Panel	Dimension (W×D×H)	Outline	mm	–	950×950×60	–	–	950×950×60	–
		Package	mm	–	1028×1043×130	–	–	1028×1043×130	–
	Net weight/Gross weight		kg	–	7.0/11	–	–	7.0/11	–
Outdoor unit	Sound pressure level		dB(A)	63			61		
	Dimension (W×D×H)	Outline	mm	1107×440×1100			958×412×1349		
		Package	mm	1158×493×1235			1043×453×1500		
	Net weight/Gross weight		kg	98/106			95/105		
Connection pipe	Outer diameter	Liquid	inch(mm)	φ3/8(9.52)			φ3/8(9.52)		
		Gas	inch(mm)	φ5/8(15.9)			φ5/8(15.9)		
	Max.distance	Height/Length	m	15/30			30/50		
Loading quantity		40'GP/40'HQ	-	45/50	43/50	45/56	52/58	45/48	43/47

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	6.1/3.8	6.1/3.8	5.6/3.8
Power supply			Ph/V/Hz	3/380-415/50			1/220-240/50		
Power input	Cooling		kW	4.0	3.9	3.9	4.7	4.6	4.8
	Heating		kW	3.9	3.8	3.74	4.4	4.5	4.3
Current input	Cooling		A	6.9	6.7	6.7	21.8	21.3	22.3
	Heating		A	6.7	6.6	6.5	20.4	20.8	20.0
Refrigerant charge volume			kg	3.7	3.7	3.7	4.0	4.0	4.0
Indoor unit	Air flow volume(H/M/L)		CFM	1236	1095	1118	1412	1354	1354
			m^3/h	2100	1860	1900	2400	2300	2300
	ESP	Rated	Pa	37	–	–	50	–	–
		Range	Pa	0-100	–	–	0-125	–	–
	Sound pressure level (SH/H/M/L)		dB(A)	53/52/48/44	51/49/46/43	55/54/52/47	55/53/49/45	53/52/47/41	56/55/50/46
	Dimension (W×D×H)	Outline	mm	1226×775×290	840×840×320	1420×700×245	1340×750×350	910×910×290	1700×700×245
		Package	mm	1338×877×305	963×963×409	1548×828×345	1423×837×455	1023×993×375	1828×828×345
	Net weight/Gross weight		kg	46/53	31/38	50/58	56/65	43/50	59/68
Panel	Dimension (W×D×H)	Outline	mm	–	950×950×60	–	–	1040×1040×65	–
		Package	mm	–	1028×1043×130	–	–	1137×1137×140	–
	Net weight/Gross weight		kg	–	7.0/11	–	–	8.0/12	–
Outdoor unit	Sound pressure level		dB(A)	61			59		
	Dimension (W×D×H)	Outline	mm	958×412×1349			958×412×1349		
		Package	mm	1043×453×1500			1043×453×1500		
	Net weight/Gross weight		kg	108/118			105/115		
Connection pipe	Outer diameter	Liquid	inch(mm)	φ3/8(9.52)			φ3/8(9.52)		
		Gas	inch(mm)	φ5/8(15.9)			φ5/8(15.9)		
	Max.distance	Height/Length	m	30/50			30/50		
Loading quantity		40'GP/40'HQ	-	52/58	45/48	43/47	38/48	43/50	43/47

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

Control System Lineup

Controlling system \ Product series			High efficiency series		
			Duct type	Cassette type	Floor ceiling type
					
Wireless remote controller	YB1FA		○	●	●
	YV1FB7		○	○	○
	YAM1F		○	○	○
	YAM1FF		○	○	○
Wired controller	Z4K351GJ		●	○	○
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.