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GREE

GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI

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

HONG KONG GREE ELECTRIC APPLIANCES SALES LIMITED

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

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

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

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GC-1509-01

Большая библиотека технической документации
http://splitoff.ru/tehn-doc.html
каталоги, инструкции, сервисные мануалы, схемы.

GREE

2016 RAC Europe T1 R410a

GREE
AIR CONDITIONER

2016 RAC EUROPE
T1 R410A

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The World`s Biggest Public Companies

The List

Spreedsheet Reprints Logo Use

Filter list by: All industries All countries All states Search by company name

	Bank	Company	Country	Sales	Profits	Assets	Market Value
GREE	#385	Gree Electric Appliances	China	$21.2 B	$2.1 B	$26 B	$21.6 B
Midea	#436	Midea Group Co.Ltd.	China	$22.9 B	$1.7 B	$19.4 B	$23.3 B
Whirlpool	#625	Whirlpool	United States	$19.9 B	$65.0M	$20 B	$15.7 B
Haier	#781	Qingdao Haier	China	$14.4 B	$81.0M	$12.1 B	$13.7 B

Gree Products are sold widely in more than 200 countries and regions.

Ranked on the Fortune Magazine as one of the Top 100 Chinese listed companies for 12 consecutive years Ranked the world No. 385 on FORBES Global 2000 in 2015

air conditioner
climatiseur
acondicionador de aire
ar condicionado
300,000,000users

2 National Research centers,
6 Institutional departments
Over8000R&D engineers,
52 Research centers,
Over570 testing laboratories
Over14,000technical patents,
which includes over5,000 invention patents
Over 5% of annual turnover invested into R&D portion.

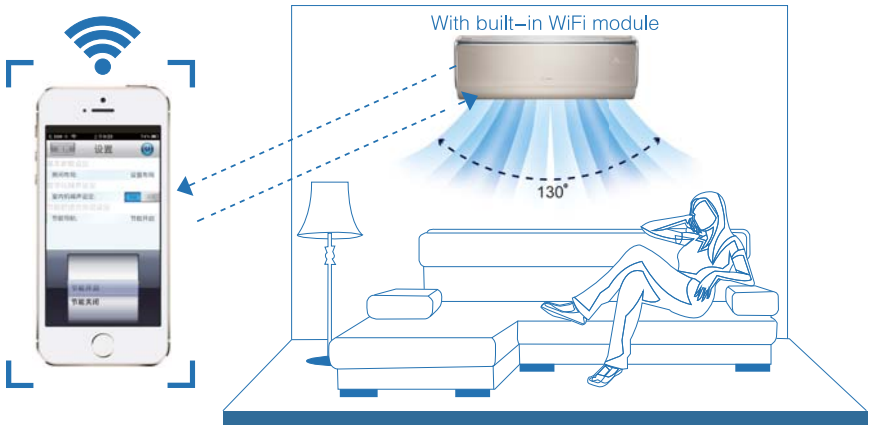
Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

03-04-05-06.pdf 1 2015/9/18 10:43:18

ENJOY SMART AND COMFORTABLE LIFE

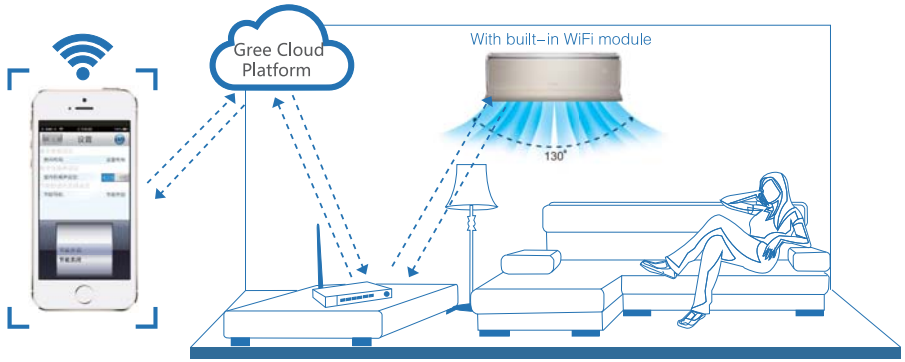
New Generation WIFi Control *

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



Short distance mode:

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



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

Special instruction:

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

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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

IOS and Android system can download "G–Life" by the following three methods.

iOS

android

Both iOS and Android system can download this APP

Method 1: Turn on APP Store, search "G–Life" and then download it.
Method 2: Enter Gree Cloud Platform and then click "G–Life" to download it.
Method 3: Log in http://www.gree.com.cn/, click "service center–customer service–download center", and then find out "G–Life" to download it.
Method 4: Scan above two–dimension code and then download APP "G–Life".

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

Regional Air Swing

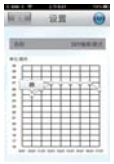
When setting "room layout" by smart phone, the built–in WiFi module inside the air conditioner will intelligently set the air swing region according to the customized movement region set by user, which can control the swing angle preciously for realizing the best PWV.

SAVE Navigation

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

DIY Noise

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



DIY Sleep Curve

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

Weekly Timer

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

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"Turbo" Cooling

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

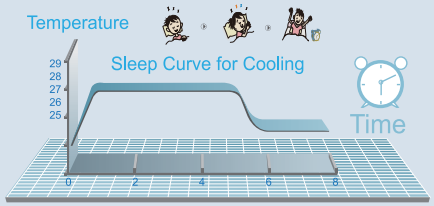
4-way Air Outlet

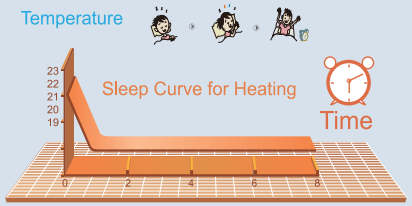
The louver can be vertically or horizontally adjusted so as to maximize comfort in the room.

7 Fan Speeds

From super low to turbo, choose desired air flow.

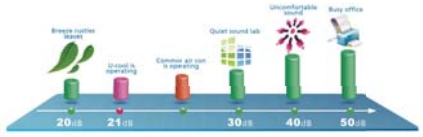
3 Sleep Curves





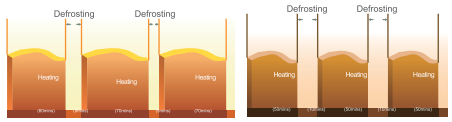
3 Sleep Curves

- Mode 1: Indoor temperature automatically rises (when cooling) or drops (when heating).
- Mode 2: Featuring unique refreshment function, the temperature is automatically adjusted to be a little lower before you wake up.
- Mode 3: You could design your own sleep curve under DIY mode.



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

Intelligent Defrosting



GREE I-Defrosting | Traditional Defrosting

Maximize warm comfort with shorter defrosting time.
Traditional defrosting works by setting time. E.g. defrosting process is on for 10 mins for every 50mins.
Gree I-Defrosting is only performed when needed, which reduces energy waste by eliminating the unnecessary defrosting process.

Functions for 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 in severe winter.

■ -15℃ Cooling

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

■ -22℃ Heating

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

Cold Air Prevention

The copper pipe will be heated in advance, so the air will not be blown out before it reaches the set temperature.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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FAN — Choose fan speed

MODE — Change operation mode: Auto, Cool, Dry, Fan, and Heat

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

+ — Raise set temperature; hold the button for 2 seconds to raise set temperature rapidly.

TURBO — For rapid cooling or heating

Press this button to set horizontal swing angle

Set vertical swing angle

CLOCK — Set present time or display timer

TIMER OFF — For turning off timer

TEMP — Show set indoor/outdoor temperature

Start the ventilation system or generate cold plasma

IFEEL — Operation of the unit will be adjusted according to temperature sensed by remoter to maximize your comfort.

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

QUIET — Choose auto quiet mode.

LIGHT — Turn on/off the light on the unit

X-FAN — Start/stop indoor fan which is used for drying the components

I Feel

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

Remoter with I Feel

Remoter without I Feel

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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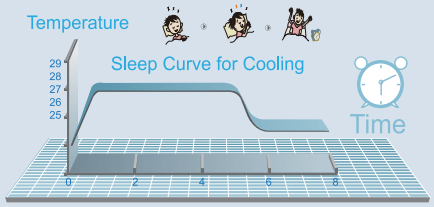

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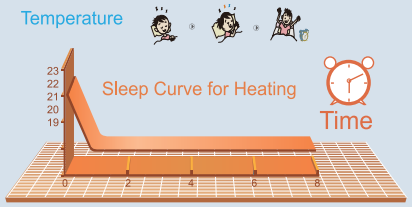

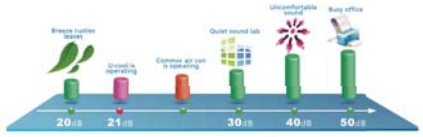

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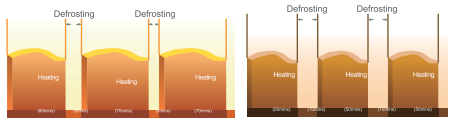

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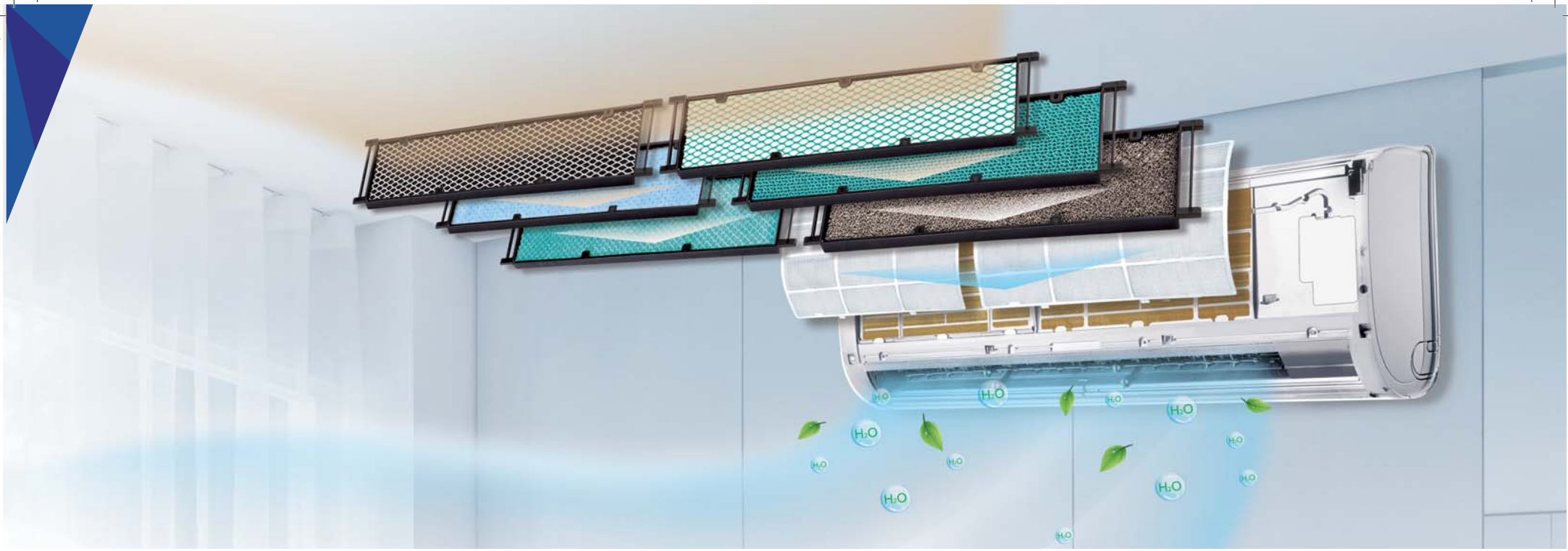


Photocatalytic Filter

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

Catechin Filter

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

Active Carbon Filter

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

Silver Ion Filter

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

Multi-function Filter

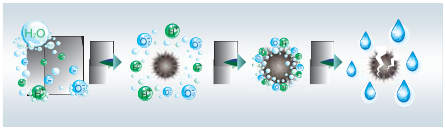
Combine **3** filters from **6** different types including acaro bacterium filter, silver ion filter, catechin filter, chitin filter, formaldehyde beater filter and vitamin C filter to meet your various needs simultaneously.

Auto Clean (X-FAN)

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

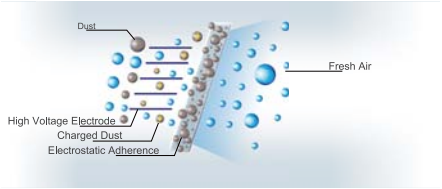
Cold Plasma

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



Electrostatic Dedusting Generator

By making use of the principle of electrostatic adherence, it can effectively absorb the dust from the air. With detachable design, it is easy for complete cleaning to ensure the quality air.



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Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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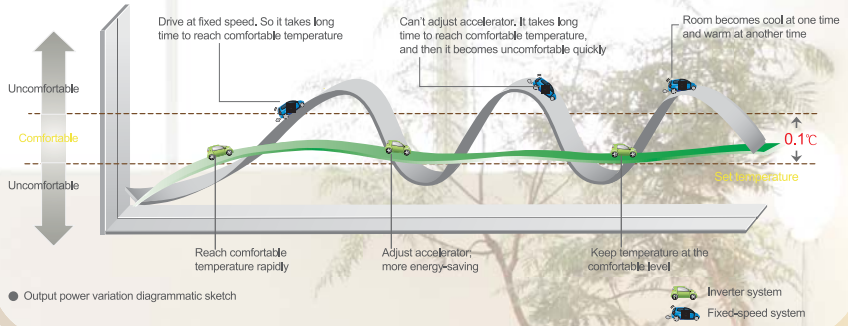
R410A

INVERTER

How Inverter Saves Energy



G10 Inverter

Ultra low frequency torque control
- Constant temperature
- Energy saving

Environment-friendly R
- Low-carbon design
- High effciency

Automatic voltage adaptation
- More stability
- Less damage

Hign-speed DSP chip
- Accurate calulation
- Efficient operation

Ultra-low noise control
- Quiet
- Comfortable

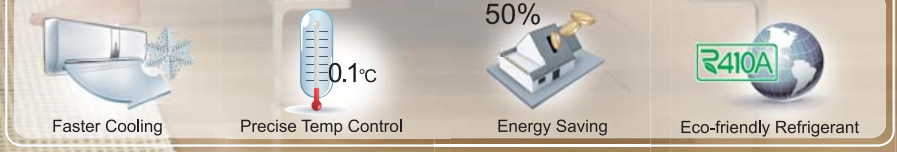
High reliability
- Excellent quality
- Superior performance

Wide frequency precise control
- Unceasing operation
- Accurate control

Computer simulation control
- Less fluctuation
- Lower noise

UHF flux-weakening control
- Rapid cooling
- Rapid heating

Power factor correction technology
- Hign efficiency
- Better protection



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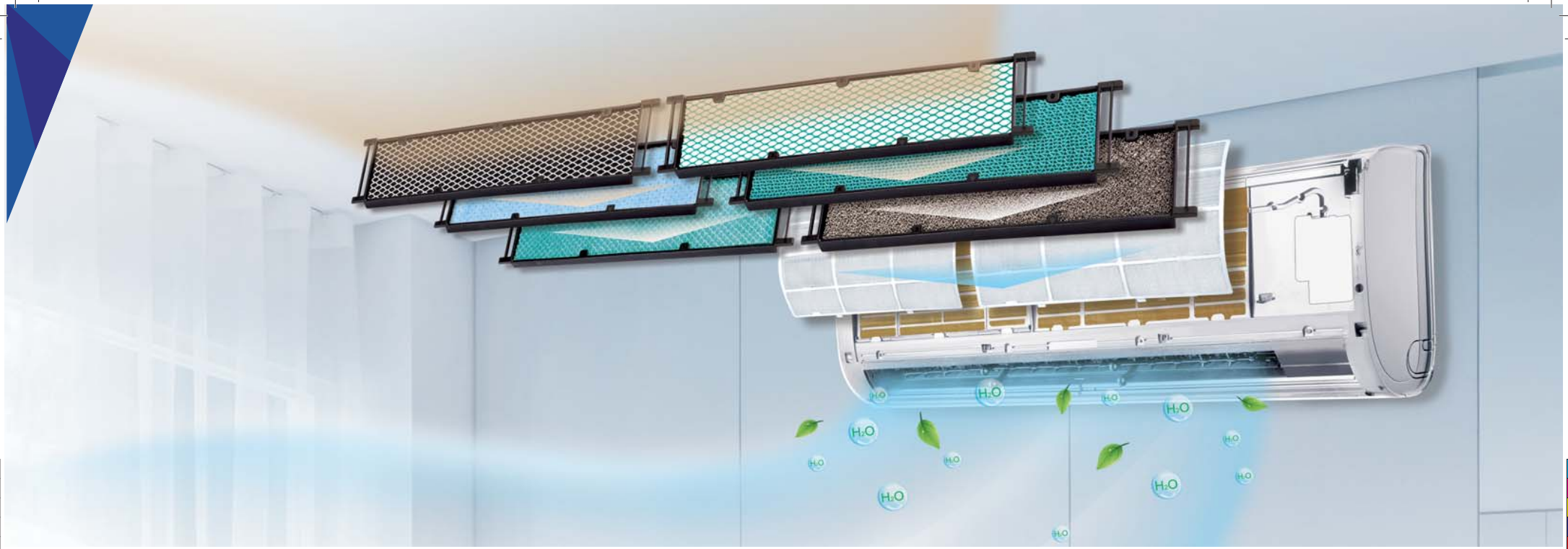

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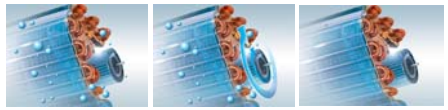

Cold Plasma

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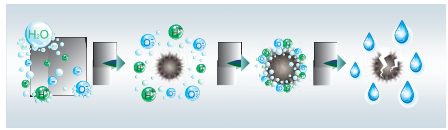
Odor removal
Air nutrition improvement with more negative oxygen ions



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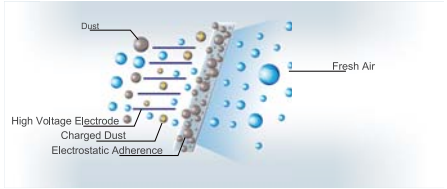

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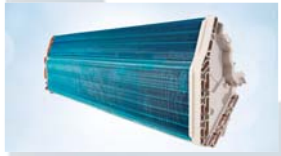


Integrated Evaporator

Compact design minimizes IDU size but enhances heat exchange greatly.

Integrated Design

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

Fire-proof electric box

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

170V Low Voltage Start Up

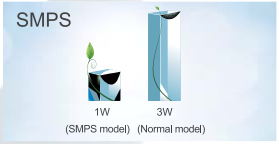
The unit could operate from 170V to 265V, which is suitable for unstable power supply areas.

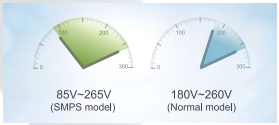
Dual Side Installation

Left or right side water outlet, easy for installation.

Auto Restart

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





Better PCB protection between 85V-265V.

Anti-corrosion ODU

Rust-free for installation and operation in the salty climate.

Easy Handle

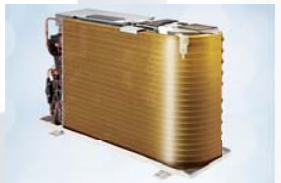
The ODU is equipped with a handle for easier transportation and protection of wiring terminal and valves.

High efficient and Quiet Fan

Gree's transparent axial fan is resistant to high temperature and operates quietly.

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.



Golden/Blue Fin

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

High Temp Resistance PCB

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

Improved Base Pan Design

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

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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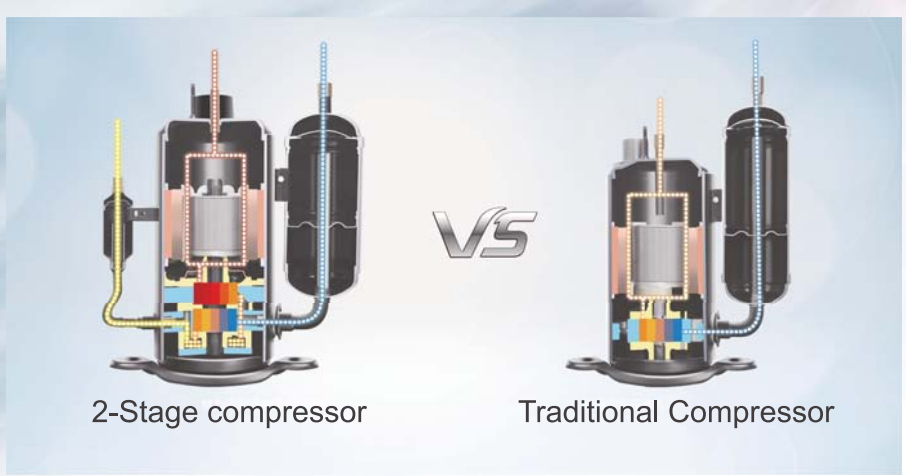
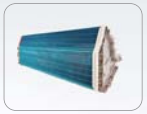
2-Stage compressor



Key Points for Reaching High Efficiency

Refrigeration System

High efficiency and stable running compressor


High efficiency and larger heat exchanger with optimized piping system

High-efficiency electronic expansion valve (EEV) controls refrigerant flow precisely

Air Flow System

Enlarged air intake and outlet

Optimized cross fan design with larger air volume and enhanced heat exchange efficiency

Optimized axial fan design with larger diameter to increse air volume and enhance heat exchange efficiency

Control System

Cutting-edge chip for precise inverter control

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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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	2,090	★	★	★	★
Possible next-generation refrigerants	R1234yf(HFO)	0	4	◆	★	◆	※
	R32(HFC)	0	675	◆	★	★	★
	R744(CO2)	0	1	★	★	※	※
	R717(ammonia)	0	0	◆	※	※	★
	R290(propane)	0	3.3	※	★	★	★

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

R410A

R32

R290

R22

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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PRODUCTS OVERVIEW

Series	Capacity (Btu/h)	7000	9000	11000	12000	16000	18000	21000	22000	24000	28000	30000	36000	48000	60000	Page
Wall-mounted Type																
U-Crown	DC Inverter		●		●		●									25-26
New Amber	On/Off		●		●		●		●							27-28
Viola	DC Inverter		●		●		●		●							29-30
	On/Off	●	●		●		●		●							
Lomo	On/Off	●	●		●		●		●							31-32
	DC Inverter		●		●		●		●							
Cozy	DC Inverter		●		●		●		●							33-36
	On/Off	●	●		●		●		●	●	●	●	●			
	On/Off (Low Ambient Heating)		●		●		●		●							
Change	DC Inverter		●		●		●		●							37-38
Jade	On/Off	●	●	●		●		●								39-40
Bee	On/Off	●	●	●		●		●								41-42
Floor Standing	Capacity (Btu/h)	7000	9000	12000	14000	18000	21000	24000	28000	30000	36000	42000	60000			
New I-Crown II								●								43-44
I-Poem								●								45-46
Candice								●				●				47-48

Series	Capacity (Btu/h)	5000	7000	9000	12000	14000	18000	21000	24000	28000	30000	36000	48000	60000	Page
Window Type															
R32				●	●										49-50
Coolani		●	●	●	●		●								51-52
Portable Type	Capacity (Btu/h)	7000	8000	9000	10000	12000	14000								
New Shiny		●	●	●		●									55
Koobe		●	●												56
Cutee				●											57
Laffis					●	●									58
Laffis A+					●										59-60
Dehumidifier	Dehumidifying Volume (L/D)	8	10	12	14	16	20	24	30	40	51				
New Petal			●	●											61
New Daisy							●			●					62
New Granduer							●		●						63
Fancy		●	●	●		●									64
Diamond		●	●												65
Sunny			●	●		●	●	●	●						66
Air Purifier															
New Panda															67
Air Purifier															68
Aqua															69
Light Commercial	Capacity (Btu/h)	9000	12000	14000	18000	21000	24000	28000	30000	36000	42000	48000	60000		
Console		●	●		●										70
Free-Match 4&4+				●	●		●	●		●	●	●			71-76
U-Match		●	●		●		●		●	●	●	●	●		77-86

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Function	U Crown Smart	Amber	Lomo	Cozy
Automatic Operation	●	●	●	●
Cooling	●	●	●	●
Heating	●	●	●	●
Dehumidify	●	●	●	●
Fan	●	●	●	●
Wifi Function	●			
0,5W standby				
1W standby		●	●	●
G10	●			
1Hz inverter	●			
Energy Saving	●	●	●	●
Sleep Mode	●	●	●	●
3 Sleep Curve				
4 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		●	●	●
Wired Controller		●		
Intelligent Preheating	●	●	●	●
Intelligent Defrosting	●	●	●	●
Force Defrosting				
Auto Clean	●	●	●	●
8℃ Heating Mode				
Cold Plasma		●	●	●
PM 2.5 filter	●			
Dry Anti-Mildew Design	●	●	●	●
Catechin filter	●	●	●	●
Activated carbon	●	●	●	●
Biological sterilization 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)	●	●	●	●
Timer	●	●	●	●
Random auto restart		●	●	
Low Voltage Startup		●	●	●
Soft Start(only for DC inverter)	●	●	●	●
Self Diagnosis	●	●	●	●
Freon-lacking protection	●	●	●	●
High and low voltage protection	●	●	●	●
Compressor Electric Heater Function				
Chassis Electric Heater Function				
-15℃ low ambient cooling				
-18℃ low ambient cooling	●			
-15℃ low ambient Heating				
-20℃ low ambient Heating	●			
2-Stage compressor	●			
Timer	●	●	●	●
Temperature	●	●	●	●
Auto Restart	●	●	●	●
Lock	●	●	●	●
LED	●	●	●	●
Ultra-thin design	●			
Double sided drainage	●	●	●	●

Function	Viola	Change	Jade	Bee
Automatic Operation	●	●	●	●
Cooling	●	●	●	●
Heating		●	●	●
Dehumidify		●	●	●
Fan		●	●	●
Wifi Function				
0,5W standby				
1W standby	●			
G10		●		
1Hz inverter				
Energy Saving	●	●	●	●
Sleep Mode	●	●	●	●
3 Sleep Curve				
4 Sleep Curve				
3DAuto 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	●	●	●	●
Wired Controller				
Intelligent Preheating	●	●	●	●
Intelligent Defrosting	●	●	●	●
Force Defrosting				
Auto Clean	●	●	●	●
8℃ Heating Mode				
Cold Plasma	●	●	●	●
PM 2.5 filter				
DryAnti-Mildew Design	●	●	●	●
Catechin filter	●	●	●	●
Activated carbon	●	●	●	●
Biological sterilizationfilter	●	●	●	●
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)	●	●	●	●
Timer	●	●	●	●
Random auto restart				
Low Voltage Startup				
Soft Start(only for DC inverter)				
Self Diagnosis	●	●	●	●
Freon-lacking protection	●	●	●	●
High and low voltageprotection	●	●	●	●
Compressor Electric HeaterFunction				
Compressor Electric HeaterFunction				
-15℃low ambient cooling				
-18℃low ambient cooling				
-15℃low ambient Heating				
-20℃low ambient Heating				
2-Stage compressor				
Timer	●	●	●	●
Temperature	●	●	●	●
Auto Restart	●	●	●	●
Lock	●	●	●	●
LED	●	●	●	●
Ultra-thin design				
Double sided drainage	●	●	●	●

Features: ● Standard ● Optional

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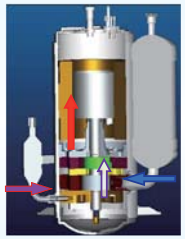
U-CROWN

Wide Ambient Operation Range

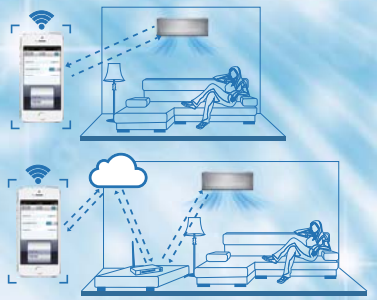
From -30℃ to 54℃ ultra low ambient heating with 2-stage compressor

Operation sketch map of 2-Stage compressor

Blue: Low-pressure suction
Purple: Medium-pressure inflation
Red: High-pressure discharge



Wifi-Control



INVERTER R410A

Model			GWH09UB-K3DNA4F	GWH12UB-K3DNA4F	GWH18UC-K3DNA4F
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	9000(1300~13600)	12000(1300~15200)	18000(3071~19619)
	Heating	Btu/h	10200(1900~16400)	12300(1900~18400)	18000(2559~24737)
Pdesignh(A)Pdesignh(W)Pdesignh(C)		Btu/h	9200/9600/9200	10200/11000/10200	17742/18083/21154
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(100~16300)	970(100~1680)	1420(200~2400)
Rated Current	Cooling	A	6.5	6.8	9.1
	Heating	A	6.8	7.1	10.6
Airflow Volume	Indoor	m³/h(SH/H/MH/M/ML/L/SL)	650/530/470/400/350/300/290	720/550/490/420/370/320/290	850/750/650/600/500/400/340
Indoor Unit					
Sound Power Level	Indoor	dB(A)(SH/H/MH/M/ML/L/SL)	56/50/48/46/43/35/32	57/51/49/47/44/36/33	58/54/52/48/45/37/34
Outline Dimension	WxHxD	mm	860×305×170	860×305×170	960x320x205
Package Dimension	WxHxD	mm	935×388×295	935×388×295	1043x403x333
Net Weight/Gross Weight	Indoor	kg	11.5/14	11.5/14	14/17
Outdoor Unit					
Sound Power Level	Outdoor	dB(A)	62	62	63
Piping Connection	Gas	mm	φ12	φ12	φ12
	Liquid	mm	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	899×596×378	899×596×378	955×700×396
Package Dimension	WxHxD	mm	948×645×420	948×645×420	1029x750x458
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

G10 Inverter

Timer
Light Function
R410A
Auto Clean
Lock
LED Display
LED Remote Control
3.5m Connecting Cipe
Dehumidifying
130° Swing Angle Left-right
180° Swing Angle Up-down
Intelligent Preheating
3D Airflow
I Feel
Auto Restart
Quiet Design
7 Fan Speeds
4 Sleep curves
-15°C Cooling
-30°C Heating
54°C Cooling
8°C Heating
Mono&Multi Compatible

Features: Standard Optional

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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Amber Series

0.5w Standby

Innovative switcher power design ensures only 0.5w standby and wider voltage of PCB between 85v-265v.

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(suitable for engineering project).

Features: Standard Optional

R410A

Model			GWH09YB-K3NNA1A	GWH12YC-K3NNA1A	GWH18YD-K3NNA1A	GWH24YE-K3NNA1A
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	9000	12113	18000	22007
	Heating	Btu/h	9400	12624	18800	23000
EER/C.O.P		W/W	3.21/3.61	3.21/3.61	3.22/3.6	3.21/3.61
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	821	1106	1640	2009
	Heating	W	763	1025	1530	1867
Rated Current	Cooling	A	4.88	7.8	11	13
	Heating	A	4.66	7.8	9.5	13
Airflow Volume	Indoor	m^3/h	530/490/430/330	630/540/460/330	850/780/680/540	1100/1000/ /800/ /650
Indoor Unit						
Sound Power Level	Indoor	dB(A)(SH/H/M/L)	39/35/32/28	41/37/33/29	47/43/39/35	46/43/37/35
Outline Dimension	WxHxD	mm	812×275×210	865×290×210	996×301×225	1101×249×327
Package Dimension	WxHxD	mm	875×360×280	931×379×281	1060×380×322	1167×354×405
Net Weight/Gross Weight	Indoor	kg	9/11	10.5/12.5	13.5/16.5	17/20.5
Outdoor Unit						
Sound Power Level	Outdoor	dB(A)	50	52	56	56
Piping Connection	Gas	mm	φ9.52	φ12	φ12	φ16
	Liquid	mm	φ6	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	720×428×310	848×540×320	899×596×378	913×680×378
Package Dimension	WxHxD	mm	768×490×353	881×595×363	948×645×420	997×740×431
Net Weight/Gross Weight	Outdoor	kg	26/28	33/35.5	46.5/49.5	52/56
Loading Quantity	40'GP	sets	275	198	156	120
	40'HQ	sets	308	230	180	135

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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Viola Series

Colorful Curve Design

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

Integrated Design

Rear case and water tray are combined for effectively preventing the dust and water leakage.

1W Standby
I Feel
Comfortable Sleep Mode
Cold Air Prevention
LED Display
Timer
Intelligent Defrosting
Auto Clean
Automatic Operation
'Turbo' Button
Clock Display
Compact Design
Self-diagnosis
Auto Restart
Lock
Mono&Multi Compatible
Healthy Filters
Golden Fin
Cold Plasma
-22° C Heating

Features: Standard Optional

R410A

Model			Viola (On-off)					Viola (Inverter)
			GWH07RA-K3NNA1E	GWH09RA-K3NNA1C	GWH12RB-K3NNA1C	GWH18RC-K3NNA1A	GWH24RD-K3NNA1C	GWH09RA-K3DNA1B
			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	7840	8870	12000	18425	22510	8500(1900~10900)
	Heating	Btu/h	8530	9550	13136	20131	25760	9600(2700~12300)
EER/C.O.P		W/W	3.21/3.61	3.21/3.61	3.24/3.61	3.42/3.62	3.21/3.41	3.24/3.61
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	716	809	1075	1580	2056	770(250~1360)
	Heating	W	692	775	1065	1630	2215	775(200~1380)
Rated Current	Cooling	A	3.18	4.97	6.52	10.2	11.76	9.0
	Heating	A	3.07	4.97	6.52	10.2	11.76	9.0
Airflow Volume	Indoor	m^3/h(SH/H/M/L)	420/370/330/260	500/440/400/360	630/530/430/330	850/780/650/550	950/800/700/600	550/500/400/300
Indoor Unit								
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	40/37/35/32	40/37/35/32	42/39/36/33	45/42/37/33	57/54/50/47	40/37/35/32
Outline Dimension	WxHxD	mm	794×264×186	794×264×186	848×274×189	945×298×211	1018×315×227	794×264×186
Package Dimension	WxHxD	mm	873×365×258	873×365×258	926×371×267	1013×383×300	1086×398×328	873×365×258
Net Weight/Gross Weight	Indoor	kg	8.5/10	9/10.5	10/12	13/16	15.5/19	9/11
Outdoor Unit								
Sound Pressure Level	Outdoor	dB(A)	50	50	51	56	57	50
Piping Connection	Gas	mm	φ9.52	φ9.52	φ12	φ12	φ16	φ9.52
	Liquid	mm	φ6	φ6	φ6	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	771×540×320	776×540×320	776×540×320	913×680×378	955×700×396	776×540×320
Package Dimension	WxHxD	mm	823×595×358	851×595×363	851×595×363	1029×750×458	1029×750×458	851×595×363
Net Weight/Gross Weight	Outdoor	kg	28/30.5	26/29	34/36.5	48/52	57/61.5	31/34
Loading Quantity	40'GP	sets	230	224	216	127	122	224
	40'HQ	sets	270	262	246	149	138	262

R410A

Model			Viola (Inverter)		
			GWH12RB-K3DNA1B	GWH18RC-K3DNA1A	GWH24RD-K3DNA1A
			Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	12000(1700~13300)	18084(3071~21154)	22000(2400~24000)
	Heating	Btu/h	13300(3000~15000)	19700(3241~25590)	22860(3200~27300)
EER/C.O.P		W/W	3.24/3.61	3.40/3.62	3.21/3.61
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	1080(230~1300)	1560(330~2300)	2010(350~2600)
	Heating	W	1080(230~1300)	1600(350~2700)	1855(350~2700)
Rated Current	Cooling	A	9.0	6.92	8.9
	Heating	A	9.0	7.1	8.2
Airflow Volume	Indoor	m^3/h	600/500/400/300	850/780/650/500	1000
Indoor Unit					
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	42/39/36/33	45/42/37/33	47/44/41/37
Outline Dimension	WxHxD	mm	848×274×189	945×298×211	1018×315×223
Package Dimension	WxHxD	mm	926×371×267	1013×383×300	1086×398×328
Net Weight/Gross Weight	Indoor	kg	11/13	13/16	15.5/19
Outdoor Unit					
Sound Pressure Level	Outdoor	dB(A)	52	56	56
Piping Connection	Gas	mm	φ9.52	φ12	φ16
	Liquid	mm	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	776×540×320	955×700×396	955×700×396
Package Dimension	WxHxD	mm	851×595×363	1029×458×750	1029×458×750
Net Weight/Gross Weight	Outdoor	kg	32/35	48/56.5	53/58
Loading Quantity	40'GP	sets	216	127	122
	40'HQ	sets	246	149	138

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Lomo Series

0.5w Standby

Innovative switcher power design ensures only 0.5w standby and wider voltage of PCB between 85v-265v.

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(suitable for engineering project).

0.5W Standby | Comfortable Sleep Curves | Cold Air Prevention | LED Display | Timer | Intelligent Defrosting | Auto Clean | 'Turbo' Button | Self-diagnosis | Dehumidifying | Auto Restart

Intelligent Auto Restart | 3D Airflow | Mono&Multi Compatible | Healthy Filters | Cold Plasma | I Feel | Energy Saving | 8°C Heating | -22°C Heating

Features: Standard Optional

R410A

Model			LOMO (On-off)				
			GWH07QA-K3NNC2A	GWH09QB-K3NNC2A	GWH12QC-K3NNC2A	GWH18QD-K3NNC2A	GWH24QE-K3NNC2A
			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	7500	9000	12113	18000	22007
	Heating	Btu/h	8190	9400	12624	18800	23000
EER/C.O.P		W/W	3.21/3.61	3.21/3.61	3.21/3.61	3.22/3.60	3.21/3.61
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	685	821	1106	1640	2009
	Heating	W	664	763	1025	1530	1867
Rated Current	Cooling	A	4.44	4.88	7.8	11	13
	Heating	A	4.08	4.66	7.8	9.5	13
Airflow Volume	Indoor	m^3/h(SH/H/M/L)	470/410/370/310	530/490/430/330	630/540/460/330	850/780/680/540	1100/1000/800/650
Indoor Unit							
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L	38/34/30/26	39/35/32/28	41/37/33/29	47/43/39/35	45/43/37/35
Outline Dimension	WxHxD	mm	713×270×195	790×275×200	845×289×209	970×300×224	1078×325×241
Package Dimension	WxHxD	mm	776×362×268	866×367×271	921×379×281	1041×383×320	1148×413×350
Net Weight/Gross Weight	Indoor	kg	8.5/10	9/11	10.5/12.5	13.5/16.5	17/20.5
Outdoor Unit							
Sound Pressure Level	Outdoor	dB(A)	50	50	52	56	56
Piping Connection	Gas	mm	φ9.52	φ9.52	φ12	φ12	φ16
	Liquid	mm	φ6	φ6	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	720×428×310	720×428×310	848×540×320	899×596×378	913×680×378
Package Dimension	WxHxD	mm	768×490×353	768×490×353	881×595×363	948×645×420	997×431×740
Net Weight/Gross Weight	Outdoor	kg	22.5/24.5	26/28	33/35.5	46.5/49.5	51/55
Loading Quantity	40'GP	sets	299	278	196	156	120
	40'HQ	sets	328	310	240	179	136

R410A

Model			LOMO (Inverter)			
			GWH09QB-K3DNC2G	GWH12QC-K3DNC2G	GWH18QD-K3DNC2G	GWH24QE-K3DNC2G
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	9000(1500~11000)	12000(2000~13500)	17504(4299~22519)	22860(6800~28000)
	Heating	Btu/h	9600(1502~14000)	12500(2000~17500)	17998(3821~23202)	24800(6800~29000)
	Pdesignh(A)/ Pdesignh(C)	Btu/h	8871.2/8871.2	10200/10200	13989/21154	21800/21800
SEER/SCOP(A)/SCOP(C)		W/W	6.10/4.0/3.2	6.10/4.0/3.2	6.10/4.0/3.1	6.3/4.0/2.8
Energy Class			A++/A+/B	A++/A++/A+/B	A++/A+/B	A++/A+/C
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	805(200~1420)	1084(220~1550)	1580(380~2450)	1875(400~3700)
	Heating	W	755(200~1550)	989(220~1650)	1410(350~2600)	1945(450~3800)
Rated Current	Cooling	A	6.3	6.9	10.9	16.42
	Heating	A	6.9	7.3	11.5	16.86
Airflow Volume	Indoor	m^3/h(SH/H/M/L)	560/490/430/330	660/540/460/330	800/720/610/520	1150/1050/950/850
Indoor Unit						
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	55/52/44/38	57/53/45/42	58/54/51/48	64/59/56/53
Outline Dimension	WxHxD	mm	790×275×200	845×289×209	970×300×224	1078×325×246
Package Dimension	WxHxD	mm	866×367×271	921×379×281	1041×383×320	1148×413×350
Net Weight/Gross Weight	Indoor	kg	9/11	10/12	13.5/16.5	17/20.5
Outdoor Unit						
Sound Pressure Level	Outdoor	dB(A)	61	62	63	68
Piping Connection	Gas	mm	φ9.52	φ9.52	φ12	φ16
	Liquid	mm	φ6	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	776×540×320	776×540×320	955×700×396	955×700×396
Package Dimension	WxHxD	mm	851×595×363	851×595×363	1029×750×458	1029×750×458
Net Weight/Gross Weight	Outdoor	kg	28/31	29/32	45/49.5	53/57.5
Loading Quantity	40'GP	sets	223	210	127	118
	40'HQ	sets	256	244	146	131

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Cozy Series

Compact Design

A sleek shape fits in your different indoor decorations..

Comfortable energy-savingMode

It offers a perfect balance between most comfortable temperature and least power consumption.

Features: Standard Optional

R410A

Model			Cozy(On-off)					
			GWH07MA-K3NNC5E	GWH09MA-K3NNC5A	GWH12MB-K3NNC5A	GWH18MC-K3NNC5D	GWH24MD-K3NNC5A	GWHN24FANK3A1C
			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	7840	8870	11942	18083	22519	23884
	Heating	Btu/h	8530	9550	13136	19960	24737	25931
EER/C.O.P		W/W	3.21/3.61	3.21 / 3.61	3.26/3.62	3.35/3.61	3.21/3.41	3.04/3.3
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	716	809	1075	1580	2056	2300
	Heating	W	692	775	1065	1620	2126	2300
Rated Current	Cooling	A	4.44	4.97	6.65	9.6	11.76	17.4
	Heating	A	3.07	4.97	4.88	11.7	11.76	17.2
Airflow Volume	Indoor	m³/h(H/M/L)	420/370/330/260	500/440/400/360	630/540/460/330	850/780/650/550	900/800/700/550	1200/1100/900
Indoor Unit								
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	40/37/35/32	40/37/35/32	41/38/36/33	47/44/41/37	47/43/40/35	49/47/44
Outline Dimension	WxHxD	mm	794×265×174	790×265×174	845×275×180	940×298×200	1008×318×211	1178×326×253
Package Dimension	WxHxD	mm	873×370×251	873×370×251	918×258×370	1013×383×300	1076×398×328	1268×420×358
Net Weight/Gross Weight	Indoor	kg	8.5/10	9/10.5	10/13	13/17	16/19.5	17.5/21.5
Outdoor Unit								
Sound Pressure Level	Outdoor	dB(A)	50	50	51	56	57	59
Piping Connection	Gas	mm	φ9.52	Φ9.52	φ12	φ12	φ12	φ16
	Liquid	mm	φ6	Φ6	φ6	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	771×540×320	848×540×320	848X540X320	913×680×378	955×700×396	1018×840×412
Package Dimension	WxHxD	mm	823×595×358	881×595×363	881×595×363	997×740×431	1029×750×458	1103×920×453
Net Weight/Gross Weight	Outdoor	kg	28/30.5	26/28.5	34/36.5	46/50	57/61.5	66/76
Loading Quantity	40'GP	sets	231	215	210	136	122	89
	40'HQ	sets	269	253	244	154	139	98

R410A

Model			Cozy(On-off)				
			GWH28FA-K3NNA1B	GWH30FA-E3NNA3A	GWH30FA-M3NNA3A	GWH36LB-E3NNA3A	GWH36LB-M3NNA3A
			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	27296	27000	127000	32857	31936
	Heating	Btu/h	30025	29000	29000	33983	33983
EER/C.O.P		W/W	2.81/3.26	3.30/3.40	3.30/3.40	3.5/3.4	3.5/3.4
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	3Ph,220-240V,50Hz	3Ph,220-240V,50Hz	3Ph,220-240V,50Hz
Power Input	Cooling	W	2850	2400	2400	2674	2674
	Heating	W	2700	2500	2500	2930	2930
Rated Current	Cooling	A	18.1	15.97	9.18	18.4	6.5
	Heating	A	17.2	15.97	9.18	18.4	6.5
Airflow Volume	Indoor	m³/h(H/M/L)	1200/1100/900	1200/1100/900	1200/1100/900	1400/1200/1000	1400/1200/1000
Indoor Unit							
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	49/47/45	50/45/38	50/45/38	54/50/46	54/50/46
Outline Dimension	WxHxD	mm	1178×326×243	1178×326×243	1178×326×243	1350×326×258	1350×326×258
Package Dimension	WxHxD	mm	1268×420×358	1268×358×420	1268×358×420	1441×421×358	1441×421×358
Net Weight/Gross Weight	Indoor	kg	17.5/21.5	18/22	18/24	20/25	20/25
Outdoor Unit							
Sound Pressure Level	Outdoor	dB(A)	60	58	58	60	60
Piping Connection	Gas	mm	φ16	φ16	φ16	φ19	φ19
	Liquid	mm	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52
Outline Dimension	WxHxD	mm	1018×840×412	980×790×427	980×790×427	1007X1100X460	1007X1100X460
Package Dimension	WxHxD	mm	1103×920×453	1083×855×488	1083×855×488	1138X1255X478	1138X1255X478
Net Weight/Gross Weight	Outdoor	kg	72/77	72/76	72/76	90/102	90/102
Loading Quantity	40'GP	sets	89	82	82	48	48
	40'HQ	sets	98	104	104	71	71

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R410A

			Cozy (Inverter)			
Model			GWH09MA-K3DNC5B	GWH12MB-K3DNC5B	GWH18MC-K3DNC5E	GWH24MD-K3DNC5E
			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	8530(1900~10900)	12000(1700~13300)	18000(4300~22520)	22000(2400~24000)
	Heating	Btu/h	9600(2700~12300)	13300(3000~15000)	19960(3820~23200)	24000(3200~27300)
EER/C.O.P		W/W	3.24/3.61	3.24/3.61	3.3/3.61	3.25/3.62
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	770(250~1350)	1080(230~1300)	1600(380~2650)	1985(330~2500)
	Heating	W	775(200~1380)	1080(230~1300)	1620(350~2650)	1930(330~2700)
Rated Current	Cooling	A	9.0	9.0	7.25	12.4
	Heating	A	9.0	9.0	7.34	12.4
Airflow Volume	Indoor	m^3/h	550/500/400/300	600/500/400/300	850/780/650/550	900/800/700/550
Indoor Unit						
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	40/37/35/32	42/39/36/33	48/46/40/35	51/47/42/39
Outline Dimension	WxHxD	mm	790×265×174	845×275×180	940X298X200	1008×315×221
Package Dimension	WxHxD	mm	873×370×251	918×258×370	1013X383X300	1076X398X328
Net Weight/Gross Weight	Indoor	kg	9/11	10/12	12/16	14/17.5
Outdoor Unit						
Sound Pressure Level	Outdoor	dB(A)	50	52	54	54
Piping Connection	Gas	mm	φ9.52	φ9.52	φ12	φ12
	Liquid	mm	φ6	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	776×540×320	776×540×320	899X596X378	955X700X396
Package Dimension	WxHxD	mm	823×595×358	823×595 ×358	948×645×420	1029X458X750
Net Weight/Gross Weight	Outdoor	kg	27.0/29.5	32.0/34.5	38/43	48/52.5
Loading Quantity	40'GP	sets	231	225	159	122
	40'HQ	sets	269	262	180	139

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Change Series

R410A

G10 Inverter Technology

50% energy saving
16Hz low frequency operation

LED Display Design

The LED display attached on the front case gives a unique impression.

Model			Change（Inverter）			
			GWH09KF-K3DNA5A	GWH12KF-K3DNA5A	GWH18KG-K3DNA5E	GWH24KG-K3DNA5A
			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	9040(1500~11000)	12000(2000~13500)	18083(3071~21154)	22000(2400~24000)
	Heating	Btu/h	12000(1500~14000)	14000(2000~17500)	19448(3241~23202)	24000(3200~27300)
EER/C.O.P		W/W	3.31/3.71	3.21/3.61	3.31/3.61	3.21/3.61
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	800(200~1420)	1100(220~1450)	1600(330~2200)	1985(350~2650)
	Heating	W	950(200~1550)	1135(220~1550)	1578(320~2200)	1930(350~2850)
Rated Current	Cooling	A	6.88	7.32	9.76	11.96
	Heating	A	6.9	7.3	9.76	12.6
Airflow Volume	Indoor	m^3/h	600/520/370/280	680/560/410/300	800/680/560/460	950/800/650/550
Indoor Unit						
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	41/38/30/24	42/39/31/25	45/40/37/32	46/42/37/32
Outline Dimension	WxHxD	mm	770×283×201	770×283×201	865x305x215	1008x319x221
Package Dimension	WxHxD	mm	847×276×345	847×276×345	948X383X310	1076x398x328
Net Weight/Gross Weight	Indoor	kg	8/9.5	9/10.5	12/16	15/18
Outdoor Unit						
Sound Pressure Level	Outdoor	dB(A)	51	53	54	54
Piping Connection	Gas	mm	φ9.52	φ9.52	φ12	φ12
	Liquid	mm	φ6	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	710×550×318	710×550×318	899X596X378	955X700X396
Package Dimension	WxHxD	mm	774×607×351	774×607×351	948×645×420	1029×750×458
Net Weight/Gross Weight	Outdoor	kg	28/30	30/34	38/43	52/56.5
Loading Quantity	40'GP	sets	233	233	164	122
	40'HQ	sets	282	282	185	139

G10 Inverter

- G10 Technology
- 1 W Standby
- Automatic Operation
- LED Display
- Intelligent Defrosting
- Timer
- Clock Display
- Auto Clean
- Comfortable Sleep Mode
- Cold Air Prevention
- 'Turbo' Button
- Self-Diagnosis
- Auto Restart
- Lock
- I Feel
- Healthy Filters
- Cold Plasma
- -22°C Heating

Features: Standard Optional

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Jade Series

Compact Design

Innovative arc side
Exquisite LED display

SMPS

Innovative switcher power design ensures only 1W standby and wider voltage of PCB between 95V and 260V.

R410A

Model			GWH07PA-K3NNA1E	GWH09PB-K3NNA1E	GWH12PC-K3NNA1E	GWH18PD-K3NNA1A	GWH24PD-K3NNA1A
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	7600	9000	11000	16000	21000
	Heating	Btu/h	7800	9600	12000	16700	22000
EER/C.O.P		W/W	3.21/3.61	3.21/3.61	3.21/3.61	3.22/3.43	3.24/3.42
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	700	822	1004	1460	1900
	Heating	W	637	781	974	1430	1900
Rated Current	Cooling	A	5	6.5	8	9.8	12.5
	Heating	A	4.5	5.5	8	9.8	12.5
Airflow Volume	Indoor	m^3/h	400/360/320/290	450/400/320/250	650/550/450/330	850/780/650/500	850/780/650/550
Indoor Unit							
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	37/35/31/28	38/35/31/28	42/39/36/33	45/42/38/34	45/42/37/33
Outline Dimension	WxHxD	mm	730×254×184	794×265×182	848×274×190	945×298×200	940×298×200
Package Dimension	WxHxD	mm	793×343×258	873×365×258	926×371×267	1013×383×300	1013×383×300
Net Weight/Gross Weight	Indoor	kg	8/9.5	8/9.5	9.5/11.5	13/16	13.0/17.0
Sound Pressure Level	Outdoor	dB(A)	48	49	52	55	56
Piping Connection	Gas	mm	φ9.52	φ9.52	φ9.52	φ12	φ12
	Liquid	mm	φ6	φ6	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	720×428×310	720×428×310	776×540×320	848×540×320	913×680×378
Package Dimension	WxHxD	mm	768×490×353	768×490×353	823×595×358	881×595×363	997×740×431
Net Weight/Gross Weight	Outdoor	kg	22.5/24.5	26/28	29/31.5	35/37.5	46.0/50.0
Loading Quantity	40'GP	sets	294	290	223	184	136
	40'HQ	sets	344	320	258	210	154

Timer
'Turbo' Button
Automatic Operation
LED Display
Intelligent Defrosting
Auto Clean
Clock Display
Compact Design
Comfortable Sleep Mode
Cold Air Prevention
Self-diagnosis
Auto Restart
Lock
1 W Standby
I Feel
Healthy Filters
Cold Plasma

Features: Standard Optional

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Bee Series

Dual Sides Water Outlet

The water outlet can be installed on either left side or right side of the water pan for your convenience.

R410A

Model			GWH07NA-K3NNB3E	GWH09MA-K3NNC1E	GWH12NC-K3NNB3E
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	7600	9000	11000
	Heating	Btu/h	7800	9600	12000
EER/C.O.P		W/W	3.21/3.61	3.21/3.61	3.21/3.61
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	700	822	1004
	Heating	W	637	781	973
Rated Current	Cooling	A	5.0	6.5	8
	Heating	A	4.7	5.5	8
Airflow Volume	Indoor	m^3/h	400/360/320/290	450/400/320/250	650/550/450/330
Indoor Unit					
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	37/35/31/28	38/35/31/28	42/39/36/33
Outline Dimension	WxHxD	mm	730×254×170	790×265×174	845×275×180
Package Dimension	WxHxD	mm	793×340×248	873×370×251	918×370×258
Net Weight/Gross Weight	Indoor	kg	8/9.5	8/9.5	9/11
Outdoor Unit					
Sound Pressure Level	Outdoor	dB(A)	48	49	52
Piping Connection	Gas	mm	φ9.52	φ9.52	φ9.52
	Liquid	mm	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	720×428×310	720×428×310	776×540×320
Package Dimension	WxHxD	mm	768×353×490	768×353×490	823×595×358
Net Weight/Gross Weight	Outdoor	kg	22.5/24.5	26/28	29/31.5
Loading Quantity	40'GP	sets	310	282	225
	40'HQ	sets	350	319	262

R410A

Model			GWH18ND-K3NNB3A	GWH24ND-K3NNB3A
			Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	16036	21000
	Heating	Btu/h	16719	22178
EER/C.O.P		W/W	3.22/3.43	3.24/3.42
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	1460	1900
	Heating	W	1430	1900
Rated Current	Cooling	A	9.8	12.5
	Heating	A	9.8	12.5
Airflow Volume	Indoor	m^3/h	850/780/650/550	850/780/650/550
Indoor Unit				
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	49/45/41/37	49/45/41/37
Outline Dimension	WxHxD	mm	940×298×200	940×298×200
Package Dimension	WxHxD	mm	1013×383×300	1013×383×300
Net Weight/Gross Weight	Indoor	kg	13/17	13/16
Outdoor Unit				
Sound Pressure Level	Outdoor	dB(A)	55	56
Piping Connection	Gas	mm	φ12	φ12
	Liquid		φ6	φ6
Outline Dimension	WxHxD	mm	848×540×320	913×680×378
Package Dimension	WxHxD	mm	881×363×595	997×740×431
Net Weight/Gross Weight	Outdoor	kg	40/44	46/50
Loading Quantity	40'GP	sets	184	136
	40'HQ	sets	210	154

Timer · 'Turbo' Button · Automatic Operation · LED Display · Intelligent Defrosting · Compact Design · Clock Display · Auto Clean · Comfortable Sleep Mode · Cold Air Prevention · Self-diagnosis

Auto Restart · Lock · 1 W Standby · I Feel · Healthy Filters · Cold Plasma

Features: Standard Optional

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I-Crown II

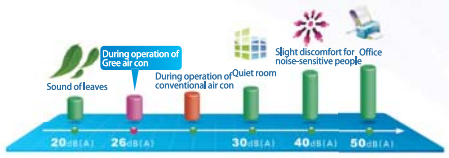
Humanized Cold Air Prevention

Low ambient temperature heating of Gree I-Crown series

L ow ambient temperature heating of conventional air con

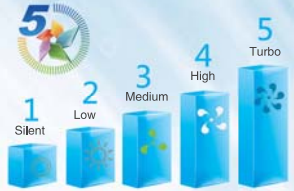
Low Noise

Noise as low as 26dB(A)



5 kinds of Fan Speed

Designed with 5 kinds of fan mode



Wide Ambient Operation Range

From -30℃ to 54℃ Ultra low ambient heating with 2-stage compressor.
Operation sketch map of 2-Stage compressor.

Blue:
Low-pressure suction
Purple:
Medium-pressure inflation
Red:
High-pressure discharge

110cm vertical air outlet with big circulating air volume and wide air outlet angle.
Provide more comfortable cooling and heating enjoyment.

Model			GVH24AK-K3DND5A
Function			Cooling/Heating
Capacity	Cooling	Btu/h	24000(7300~30000)
		W	7030(2150~8800)
	Heating	Btu/h	32400(5800~34800)
		W	9500(1700~10200)
	Pdesignh(A)/Pdesignh(W)/Pdesignh(C)	Btu/h	24000/22200/24600
		W	6000/6500/7200
SEER/SCOP(A)/SCOP(W)/SCOP(C)		W/W	8.5/4.0/4.6/3.3
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	2100(440~3200)
	Heating	W	3100(380~3900)
Rated Current	Cooling	A	14.2
	Heating	A	14.2
Airflow Volume	Indoor	m³/h(SH/H/M/L/SL)	1200/1050/800/650/550
Indoor Unit			
Sound Prower Level	Indoor	dB(A)(SH/H/M/L/SL)	46/43/36/33/28
Outline Dimension	WxHxD	mm	1844X462X395
Package Dimension	WxHxD	mm	2023X501X590
Net Weight/Gross Weight	Indoor	kg	46/64
Outdoor Unit			
Sound Prower Level	Outdoor	dB(A)	57
Piping Connection	Gas	mm	φ16
	Liquid	mm	φ6
Outline Dimension	WxHxD	mm	980x790x427
Package Dimension	WxHxD	mm	1083x855x488
Net Weight/Gross Weight	Outdoor	kg	63/68
Loading Quantity	40'GP	sets	51
	40'HQ	sets	60

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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I-Poem

Advanced shape design

First round shape floor standing air conditioner.
With vertical cross fan and U-type evaporator.

Horizontal airing large air volume

110cm outlet.

Comfortable Sleep Mode
Independent dehumidify
Cold Air Prevention
Intelligent Defrosting
Auto Clean
Turbo quick cooling/heating
Timer
Lock
3D Airflow
R410A Refrigerant

Features: Standard Optional

R410A

Model			GVH24AK-K3DNC1A
Function			Cooling/Heating
Capacity	Cooling	Btu/h	24700(4700~27600)
	Heating	Btu/h	27600(4800~34000)
EER/C.O.P		W/W	3.1/3.09
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	2340(315~3200)
	Heating	W	2860(340~3600)
Rated Current	Cooling	A	25.9
	Heating	A	25.9
Airflow Volume	Indoor	m^3/h	1200/930/840/752
Indoor Unit			
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	47/43/40/38
Outline Dimension	WxHxD	mm	480×1687×394
Package Dimension	WxHxD	mm	583×1828×530
Net Weight/Gross Weight	Indoor	kg	49/67
Outdoor Unit			
Sound Pressure Level	Outdoor	dB(A)	56
Piping Connection	Gas	mm	φ16
	Liquid	mm	φ6
Outline Dimension	WxHxD	mm	955×700×396
Package Dimension	WxHxD	mm	1029×750×458
Net Weight/Gross Weight	Outdoor	kg	56/63
Loading Quantity	40'GP	sets	64
	40'HQ	sets	72

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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Candice Series

"Turbo" Cooling& Heating

Large air flow.
Rapid cooling & heating.

R410A

Model			GVA24AG-K3NNB1B	GVA48AH-M3NNB1B
Function			Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	24055	42000
	Heating	Btu/h	26614	50000
EER/C.O.P		W/W	2.9/3.32	2.61/2.9
Power Supply		Ph,V,Hz	1Ph,220-240V, 50Hz	3Ph,380-415V, 50Hz
Power Input	Cooling	W	2430	4720
	Heating	W	2350	5050
Rated Current	Cooling	A	14.8	8.03
	Heating	A	14.8	8.59
Airflow Volume	Indoor	m^3/h	1100/800/720/670	1800/1650/1500/1350
Sound Pressure Level	Indoor	dB(A)(SH/H/ML)	49/45/41/38	52/50/48/46
Outline Dimension	WxHxD	mm	500x1757x300	581×1870×395
Package Dimension	WxHxD	mm	633×1943×450	2083×545×738
Net Weight/Gross Weight	Indoor	kg	40/60	60/86
Outdoor Unit				
Sound Pressure Level	Outdoor	dB(A)	56	59
Piping Connection	Gas	mm	φ16	φ19
	Liquid	mm	φ9.52	φ12
Outline Dimension	WxHxD	mm	1018×700×412	1018×1250×412
Package Dimension	WxHxD	mm	1103×770×453	1113x1400x453
Net Weight/Gross Weight	Outdoor	kg	69/74	105/116
Loading Quantity	40'GP	sets	60	34
	40'HQ	sets	64	40

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

Features: Standard Optional

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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R32 Series

R32 Eco-friendly Refrigerant

135V Low voltage Start up

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/M/L)	50/48/46	50/48/46
	Outdoor	dB(A)(SH/H/M/L)	58/56/54	58/56/54
Outline Dimension	WxHxD	mm	560×375×710	660×428×700
Package Dimension	WxHxD	mm	806×623×425	793×739×505
Net Weight/Gross Weight	Indoor	kg	43/47	50/54
Loading Quantity	40'GP	sets	260	184
	40'HQ	sets	312	230

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

Features: Standard Optional

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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Coolani Series

3D Airflow

Circulating airflow reaches every corner of your room.

R410A

Model			GJC05BJ-K3MND1A*	GJC07AA-E3MNC6C	GJC07AA-E3RNC6C	GJC09AA-E3MNC6C	GJC09AA-E3RNC6C	GJC12AF-E3MNC6C
Function			Cooling	Cooling	Cooling	Cooling	Cooling	Cooling
Capacity	Cooling	Btu/h	5000	7506	7506	9008	9008	11942
EER/C.O.P		W/W	2.6	2.78	2.78	2.81	2.81	2.85
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph, 220V, 50Hz	1Ph, 220V, 50Hz	1Ph, 220V, 50Hz	1Ph, 220V, 50Hz	1Ph, 220V, 50Hz
Power Input	Cooling	W	565	790	790	940	940	1230
Rated Current	Cooling	A	3.65	5.1	5.1	6.0	6.0	7.58
Control Mode			Mechanical	Mechanical	Remote	Mechanical	Remote	Mechanical
Airflow Volume	Indoor	m^3/h(H/M/L)	250/-/180	350/300/250	350/300/250	350/300/250	350/300/250	480/430/380
Sound Pressure Level	Indoor	dB(A)(H/M/L)	59/-/56	48/46/44	48/46/44	49/47/45	48/46/44	50/48/46
	Outdoor	dB(A)(H/M/L)	69/-/66	56/54/52	56/54/52	56/54/52	56/54/52	58/56/54
Outline Dimension	WxHxD	mm	408x333 x303	450x350x580	450x350x580	450x350x580	450x350x580	560x375x668
Package Dimension	WxHxD	mm	456×377×391	521x374x671	521x374x671	521×374×671	521x374x671	623×425×766
Net Weight Gross Weight		kg	17/18	30/33	30/33	34/37	34/37	45/49
Loading Quantity	40'GP	sets	900	444	444	444	444	285
	40'HQ	sets	1050	518	518	518	518	342

*This unit uses different panel. Please contact our sales manager for details.

R410A

Model			GJC12AF-E3RNC6C	GJC18AD-E3MNC6C	GJC18AD-E3RNC6C	GJC24AC-E3MNC1A	GJC24AC-E3RNC2A
Function			Cooling	Cooling	Cooling	Cooling	Cooling
Capacity	Cooling	Btu/h	11942	18084	18084	22519	22519
EER/C.O.P		W/W	2.85	2.85	2.85	2.72	2.72
Power Supply		Ph,V,Hz	1Ph, 220V, 50Hz	1Ph, 220V, 50Hz	1Ph, 220V, 50Hz	1Ph, 220V, 50Hz	1Ph, 220V, 50Hz
Power Input	Cooling	W	1230	1860	1860	2430	2430
Rated Current	Cooling	A	7.58	13.13	13.13	16.2	16.2
Control Mode			Remote	Mechanical	Remote	Mechanical	Remote
Airflow Volume	Indoor	m^3/h(H/M/L)	480/430/380	700/650/600	700/650/600	1000/950/900	1000/950/900
Sound Pressure Level	Indoor	dB(A)(H/M/L)	50/48/46	52/50/48	52/50/48	57/55/53	57/55/53
	Outdoor	dB(A)(H/M/L)	58/56/54	60/58/56	60/58/56	62/60/58	62/60/58
Outline Dimension	WxHxD	mm	560×375×668	660×428×700	660×428×700	770×660×428	770×660×428
Package Dimension	WxHxD	mm	623×425×766	739×505×793	793×739×515	863×739×515	863×739×515
Net Weight Gross Weight		kg	45/49	58/63	58/63	72/79	72/79
Loading Quantity	40'GP	sets	285	184	184	164	164
	40'HQ	sets	342	230	230	205	205

Timer · Fresh Air Supply Ventilation · Automatic Operation · Auto Restart · Self-Diagnosis · 3D Airflow · LED Display · Comfortable Sleep Mode · Cold Air Prevention

Features: Standard Optional

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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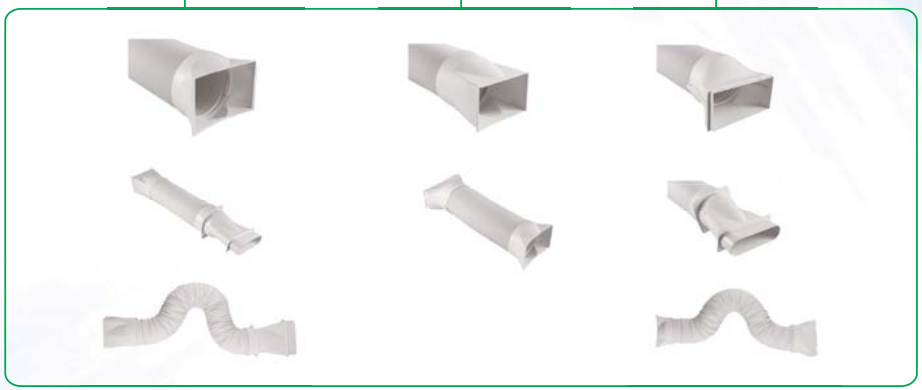
Portable Accessory



Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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Shiny Series

Low Noise

The noise is lower to 47db

High Loading capacity

The loading capacity is up to 494/40HQ

Wifi Control (Optional)

Fire-Proof electric box

5-layer guard shield

① High loading protection
② Overload protection
③ Anti-freezing protection
④ Refrigerant leakage protection
⑤ Temperature sensor error protection

Dehumidifying · Timer · Sleep Curves · Auto Restart · Lock · Self-diagnosis · 0.5 W Standby · Automatic Operation · LED Display · Wide Swing · Wifi Control · I Feel · R32 Optional for 9000Btu

Features: Standard Optional

Model			GPC07AK-K3NNA1A	GPC08AK-K3NNA1A	*GPC09AK-K6NNA1A	GPC12AL-K3NNA1A	GPH12AL-K3NNA1A
Function			Cooling	Cooling	Cooling	Cooling	Cooling/Heating
Capacity	Cooling	Btu/h	7000	8000	9000	12000	12000
		W	2060	2350	2650	3550	3550
	Heating	Btu/h	-	-	-	-	12000
		W	-	-	-	-	3520
EER/COP		W/W	2.62/-	2.62/-	2.62/-	2.62	2.62/2.6
Energy Class			A	A	A	A	A/A+
Power Supply		Ph,V,Hz	1Ph,230V,50Hz	1Ph,230V,50Hz	1Ph,230V,50Hz	1Ph,230V,50Hz	1Ph,230V,50Hz
Power Input	Cooling	W	785	895	1010	1355	1355
	Heating	W	-	-	-	-	1350
Rated Current	Cooling	A	4.5	4.8	5.8	7.6	7.6
	Heating	A	-	-	-	-	7.2
Airflow Volume	Indoor side	m³/h(H/M/L)	320/290/260	320/290/260	330/300/270	350/320/290	350/320/290
Sound Prower Level	Indoor side	dB(A)(H/M/L)	51/49/47	51/49/47	52/50/48	52/50/48	52/50/48
Outline Dimension	WxHxD	mm	315×770×395	315×770×395	315×770×395	395×820×405	395×820×405
Package Dimension	WxHxD	mm	358×881×463	358×881×463	358×881×463	455×850×582	455×850×582
Net Weight/Gross Weight		kg	24/28	24.5/28	26/30	38/43	38/43
Loading Quantity	40'GP	sets	330	330	330	208	208
	40'HQ	sets	494	494	494	312	312

Koobe Series

Portable Type

Compact Design

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

Self-diagnosis

The unit shows error code automatically when it does not work well, for easier maintenance.

Timer · Comfortable Sleep Mode · Automatic Operation · Auto Restart · Self-diagnosis · Compact Design · Lock · Healthy Filters

Features: Standard Optional

Model			GPC07AH-K3NNC3D	GPC08AH-K3NNC3D
Function			Cooling	Cooling
Capacity	Cooling	Btu/h	7000	8000
	Heating	Btu/h	-	-
EER/COP		W/W	2.6	2.6
Energy Class			A	A
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	790	900
	Heating	W	-	-
Rated Current	Cooling	A	4.9	4.6
	Heating	A	-	-
Airflow Volume	Indoor side	m³/h(H/M/L)	330/300/250	330/300/250
Sound Prower Level	Indoor side	dB(A)(H/M/L)	54/52/50	54/52/50
Outline Dimension	WxHxD	mm	300×807×375	300×800×355
Package Dimension	WxHxD	mm	565×355×850	355×840×565
Net Weight/Gross Weight		kg	24/28	24/28
Loading Quantity	40'GP	sets	264	264
	40'HQ	sets	396	396

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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Cutee Series

Portable Type

Color Band Design

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

1 W Standby | Comfortable Sleep Mode | Timer | Auto Restart | Self-diagnosis | Compact Design | Lock | Healthy Filters

Features: Standard Optional

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

Laffis Series

Portable Type

Elegant Appearance

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

Heating Pump

Heating pump is available to meet your needs for both cooling and heating.

Flexible Castor

Easy for movement.

Sleep Mode | Automatic Operation | Self-diagnosis | Timer | LED Display | Dehumidifying | 0.5 W Standby | Cold Plasma | Cold Air Prevention

Features: Standard Optional

Model			GPC12AJ-K3NNA1D12000	GPH12AJ-K3NNA1D
Function			Cooling	Cooling/Heating
Capacity	Cooling	Btu/h	12000	12000
	Heating	Btu/h	-	12000
EER/COP		W/W	2.6	2.61/2.8
Energy Class			A	A
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	1350	1350
	Heating	W	-	1255
Rated Current	Cooling	A	6.90	6.90
	Heating	A	-	-
Airflow Volume	Indoor side	m^3/h(H/M/L)	360/320/280	360/320/280
Sound Prower Level	Indoor side	dB(A)(H/M/L)	55/53/51	55/53/51
Outline Dimension	WxHxD	mm	375×775×442	375×775×442
Package Dimension	WxHxD	mm	437×875×555	437×875×555
Net Weight/Gross Weight		kg	40/45	40/45
Loading Quantity	40'GP	sets	222	222
	40'HQ	sets	333	333

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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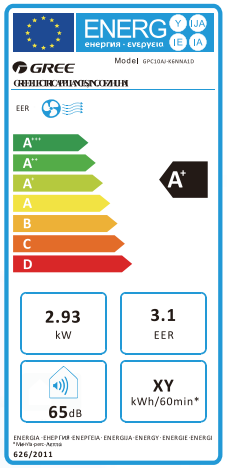
Laffis A+

Portable Type

R32 Eco-friendly Refrigerant



Model			GPC10AJ-K6NNA1D
Function			Cooling
Capacity	Cooling	Btu/h	10000
	Heating	Btu/h	-
EER/COP		W/W	3.1
Energy Class			A+
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	945
	Heating	W	-
Rated Current	Cooling	A	5.5
	Heating	A	-
Airflow Volume	Indoor side	m^3/h	360/330/300
Sound Prower Level	Indoor side	dB(A)(H/M/L)	55/53/51
Outline Dimension	WxHxD	mm	375X775X442
Package Dimension	WxHxD	mm	437X875X555
Net Weight/Gross Weight		kg	38/43
Loading Quantity	40'GP	sets	222
	40'HQ	sets	333

Sleep Mode · Automatic Operation · Self-diagnosis · Timer · LED Display · Cold Air Prevention · Auto Clean · Dehumidifying · 0.5 W Standby · Cold Plasma

Features: Standard Optional

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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Petal Series

Dehumidifier

Integrated handle design, concise and convenient

Concise control style makes the product modern-looking

Low noise is lower to 39dB(A)

The loading capacity is up to 500/40HQ

Wifi control (Optional)

Fire-Proof electric box

5-layer guard shield

① Compressor protection
② Anti-freezing protection
③ Overload protection
④ Overflow protection
⑤ Refrigerant leakage protection

Water Level Display | Intelligent Defrosting | Auto Restart | Lock | Self-diagnosis | 0.5 W Standby | Healthy Filters | Water Overflow Protection | External Drain Connector | Consecutive Dehumidifying | Wifi Control

Features: Standard Optional

Model			GDN10AY-K4EBA1A	GDN12AY-K4EBA1A
Dehumidifying Volume 30℃,RH80%		L/D	10	12
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph，220-240V，50Hz
Power Input		W	230	220
Rated Current		A	2.1	2.1
Airflow Volume		m^3/h	90	80
Sound Prower Level		dB(A)	39	39
Water Tank Volume		L	1.5/1.8	1.5/1.8
Outline Dimension	WxHxD	mm	310×400×243	310X400X243
Package Dimension	WxHxD	mm	345×425×298	345X437X286
Operation Mode			Electronic	电子
Net Weight/Gross Weight		kg	11.5/12.5	12/13
Loading Quantity	40'GP	sets	1375	1375
	40'HQ	sets	1649	1649

Daisy Series

Dehumidifier

Drive system of clothes drying and dehumidifier

Easily dehumidify, rapidly dry

Quiet system design

Bionic bud appearance

6-layer guard shield

① Compressor protection
② Anti-freezing protection
③ Overload protection
④ Overflow protection
⑤ Hypoxia protection
⑥ Overcurrent protection

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

Features: Standard Optional

Model			GDN20AX-K4EBA1A	GDN20AV-K4EBA1A	GDN40AW-K3EBA1A	GDN20AT-K4EBA1A	GDN40AU-K3EBA1A
Dehumidifying Volume 30℃,RH80%		L/D	20	20	40	20	40
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input		W	315	315	570	345	570
Rated Current		A	1.9	1.9	3.1	1.9	3.1
Airflow Volume		m³/h(H/M/L)	130/115/105	130/115/105	230/195/170	130/115/105	230/195/170
Sound Prower Level		dB(A)(H/M/L)	43/41/39	43/41/39	46/43/41	43/41/39	46/43/41
Water Tank Volume		L	3.5/4	3.5/4	6.5/7	3.5/4	6.5/7
Outline Dimension	WxHxD	mm	345×575×210	363×577×245	396×625×286	367×582×246	390×628×286
Package Dimension	WxHxD	mm	430×620×295	431×607×314	451×341×653	431×314×620	464×351×670
Operation Mode			Electronic	Electronic	Electronic	Electronic	Electronic
Net Weight/Gross Weight		kg	14/15.5	15/16.5	23/24.5	15/16.5	22/23.5
Loading Quantity	40'GP	sets	642	603	519	603	501
	40'HQ	sets	856	804	690	804	501

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

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Grandeur Series

Dehumidifier

Water Overflow protection

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

Comfort & humanity

Several new control mode: Sleeping mode
Living space and basement

Three kind of drainage

Emptying Manually/ Continuous drain/
External pump(Optional)

Water Overflow Protection

Humidity Display

Filter Cleaning Reminder

Timer

Self-diagnosis

Auto Restart

Lock

Features: Standard Optional

Model			GDN20AR-K4EBA1A	GDN30AS-K4EBA1A
Dehumidifying Volume		L/D	20(at 30℃/27.1℃)	30(at 30℃/27.1℃)
Power Supply		Ph,V,Hz	1Ph,220V-240V,50Hz	1Ph,220V-240V,50Hz
Power Input		W	300	500
Rated Current		A	2.1	3.3
Airflow Volume		m^3/h(H/M/L)	155/130/110	275/225/200
Sound Prower Level		dB(A)(H/M/L)	44/42/40	45/43/41
Water Tank Volume		L	3.8/4.7	6/7
Outline Dimension	WxHxD	mm	355X495X280	380X610X285
Package Dimension	WxHxD	mm	399X528X325	438X650X332
Operation Mode			Electronic	Electronic
Net Weight/Gross Weight		kg	15.5/17.5	18.5/21
Loading Quantity	40'GP	sets	844	567
	40'HQ	sets	1054	755

Fancy Series

Dehumidifier

Large Button Design

User-friendly for operation.

Convenient Handle

- Convenient controlment.
- Flexible movement.

1 W Standby

Water Overflow Protection

Filter Cleaning Reminder

Self-diagnosis

Humidity Display

Timer

Auto Restart

Features: Standard Optional

Model		GDN08AJ-K4MBC1A	GDN10AJ-K4MBC1A	GDN12AJ-K4EBC1A	GDN16AJ-K4EBC1A
Dehumidifying Volume	L/D	8	10	12	16
Power Supply	Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	W	190	190	230	280
Power current	A	0.85	0.85	1.1	1.3
Rated Current	A	1.1	1.1	1.4	1.6
Airflow Volume	m^3/h(H/L)	100/-	100/-	100/80	115/100
Sound Pressure Level	dB(A)(H/L)	43/-	43/-	43/41	45/43
Water Tank Volume	L	3.0/3.5	3.0/3.5	3.0/3.5	3.0/3.5
Outline Dimension (WxHxD)	mm	353X496X225	353X496X225	353X496X225	353X496X225
Package Dimension (WxHxD)	mm	396×525×274	396×525×274	396×525×274	396×525×274
Ooeration Mode		Mechanic	Mechanic	electronic	electronic
Net Weight/Gross Weight	kg	10.5/11.5	10.5/11.5	11/12	13.5/14.5
Loading Quantity (40'GP)	sets	1000	1000	1000	1000
Loading Quantity (40'HQ)	sets	1250	1250	1250	1250

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Diamond Series

Dehumidifier

High Loading Quantity

Nearly 1600 sets per 40'HQ saves more space and shipment cost.

Innovative Water Tank Design

The water tank is installed on the back of the body, to present a perfect outlook.

0.5 W Standby | External Drain Connector | Water Overflow Protection | Healthy Filters

Features: Standard Optional

Model		GDN08AK-K4MBD1A	GDN10AK-K4MBD1A
Dehumidifying Volume	L/D	8	10
Power Supply	Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	W	240	240
Rated Current	A	1.10	0.87
Rated Current	A	1.25	1.25
Airflow Volume	m^3/h	100	100
Sound Pressure Level	dB(A)(H/L)	43	43
Water Tank Volume	L	2.1/2.3	2.1/2.3
Outline Dimension (WxHxD)	mm	250×505×250	250×505×250
Package Dimension (WxHxD)	mm	290×525×295	290×525×295
Ooeration Mode		Mechanic	Mechanic
Net Weight/Gross Weight	kg	10/12.5	10.5/12.5
Loading Quantity (40'GP)	sets	1280	1280
Loading Quantity (40'HQ)	sets	1598	1598

Sunny Series

Dehumidifier

Consecutive Drainage Function

Free of the hassle of pouring water away yourself.

5℃ Low Temperature Operation

Operate finely at 5℃,making you enjoy fresh air under any environment.

0.5 W Standby | Water Full Indicator | Self-diagnosis | External Drain Connector | Healthy Filters | Real-time Display of Ambient Humidity | Water Level Display | Water Overflow Protection | Filter Cleaning Reminder

Features: Standard Optional

Model		GDN10AH-K4EBB2C	GDN12AH-K4EBB2C	GDN16AH-K4EBB2C	GDN20AH-K4EBB2C	GDN24AH-K4EBB2C	GDN30AJ-K4EBB3G
Dehumidifying Volume	L/D	10	12	16	20	24	30
Power Supply	Ph,V,Hz	1Ph,220-240v,50Hz	1Ph,220-240v,50Hz	1Ph,220-240v,50Hz	1Ph,220-240v,50Hz	1Ph,220-240v,50Hz	1Ph,220-240v,50Hz
Power Input	W	250	250	300	330	330	500
Power Current	A	1.2	1.2	1.35	1.5	1.5	2.5
Rated Current	A	1.4	1.4	1.8	2.0	2.1	2.9
Airflow Volume	m^3/h(H/M/L)	150/120/100	150/120/100	180/160/140	180/160/140	180/160/140	300/250/220
Sound Pressure Level	dB(A)(H/M/L)	43/41/39	43/41/39	45/43/41	45/43/41	47/45/43	48/45/42
Water Tank Volume	L	4.0/4.6	4.0/4.6	4.0/4.6	4.0/4.6	4.0/4.6	7/8.3
Outline Dimension (WxHxD)	mm	343×525×262	343×525×262	343×525×262	343×525×262	343×525×262	383×611×298
Package Dimension (WxHxD)	mm	394×584×313	394×584×313	394×584×313	394×584×313	394×584×313	440×346×655
Ooeration Mode		electronic	electronic	electronic	electronic	electronic	electronic
Net Weight/Gross Weight	kg	13/14.5	13/14.5	15.0/17.0	15.5/17.0	16.0/17.0	18/20
Loading Quantity (40'GP)	sets	871	871	871	871	871	525
Loading Quantity (40'HQ)	sets	872	872	872	872	872	700

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Diamond Series

Dehumidifier

High Loading Quantity

Nearly 1600 sets per 40'HQ saves more space and shipment cost.

Innovative Water Tank Design

The water tank is installed on the back of the body, to present a perfect outlook.

0.5 W Standby | External Drain Connector | Water Overflow Protection | Healthy Filters

Features: Standard Optional

Model		GDN08AK-K4MBD1A	GDN10AK-K4MBD1A
Dehumidifying Volume	L/D	8	10
Power Supply	Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	W	240	240
Rated Current	A	1.10	0.87
Rated Current	A	1.25	1.25
Airflow Volume	m^3/h	100	100
Sound Pressure Level	dB(A)(H/L)	43	43
Water Tank Volume	L	2.1/2.3	2.1/2.3
Outline Dimension (WxHxD)	mm	250×505×250	250×505×250
Package Dimension (WxHxD)	mm	290×525×295	290×525×295
Ooeration Mode		Mechanic	Mechanic
Net Weight/Gross Weight	kg	10/12.5	10.5/12.5
Loading Quantity (40'GP)	sets	1280	1280
Loading Quantity (40'HQ)	sets	1598	1598

Sunny Series

Dehumidifier

Consecutive Drainage Function

Free of the hassle of pouring water away yourself.

5℃ Low Temperature Operation

Operate finely at 5℃,making you enjoy fresh air under any environment.

0.5 W Standby | Water Full Indicator | Self-diagnosis | External Drain Connector | Healthy Filters | Real-time Display of Ambient Humidity | Water Level Display | Water Overflow Protection | Filter Cleaning Reminder

Features: Standard Optional

Model		GDN10AH-K4EBB2C	GDN12AH-K4EBB2C	GDN16AH-K4EBB2C	GDN20AH-K4EBB2C	GDN24AH-K4EBB2C	GDN30AJ-K4EBB3G
Dehumidifying Volume	L/D	10	12	16	20	24	30
Power Supply	Ph,V,Hz	1Ph,220-240v,50Hz	1Ph,220-240v,50Hz	1Ph,220-240v,50Hz	1Ph,220-240v,50Hz	1Ph,220-240v,50Hz	1Ph,220-240v,50Hz
Power Input	W	250	250	300	330	330	500
Power Current	A	1.2	1.2	1.35	1.5	1.5	2.5
Rated Current	A	1.4	1.4	1.8	2.0	2.1	2.9
Airflow Volume	m^3/h(H/M/L)	150/120/100	150/120/100	180/160/140	180/160/140	180/160/140	300/250/220
Sound Pressure Level	dB(A)(H/M/L)	43/41/39	43/41/39	45/43/41	45/43/41	47/45/43	48/45/42
Water Tank Volume	L	4.0/4.6	4.0/4.6	4.0/4.6	4.0/4.6	4.0/4.6	7/8.3
Outline Dimension (WxHxD)	mm	343×525×262	343×525×262	343×525×262	343×525×262	343×525×262	383×611×298
Package Dimension (WxHxD)	mm	394×584×313	394×584×313	394×584×313	394×584×313	394×584×313	440×346×655
Ooeration Mode		electronic	electronic	electronic	electronic	electronic	electronic
Net Weight/Gross Weight	kg	13/14.5	13/14.5	15.0/17.0	15.5/17.0	16.0/17.0	18/20
Loading Quantity (40'GP)	sets	871	871	871	871	871	525
Loading Quantity (40'HQ)	sets	872	872	872	872	872	700

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Panda Series

- CEP high-efficiency purifying technology for sterilization and PM2.5 removal
- High-efficiently removing formaldehyde
- High-efficiency activated carbon filter for removing off-flavor
- High-definition LED display, touch button and 3D remote control
- PM2.5 digital display
- Fashionable drawer type appearance design for convenient assembly and disassembly
- WIFI function for long/short distance control

Timer | Comfortable Sleep Mode | Independently Control De-odor | LED Display | Auto Detect Air Quality of Environment and Adjust the Fan Speed | Healthy Filters | Odor&Dust Sensor with Red-orange-green Color Light | Filter Cleaning Montior (2000h used) | Filter Changed Montior (480h used) | Auto Restart | Lock

Features: Standard Optional

Model		KJFE320A
Product Power		146W
Control method		Touch button(remote control+wifi)
Core Performance	Particulate matters CADR	320 m^3/h
	Applicable areas	32 - 48 m^3
	PM2.5(30 m^3,1h)	99%
	Formaldehyde(30 m^3,1h)	90%（decomposition）
	Germicidal ratio (30 m^3,1h)	99%
	Noise	59dBA(sound power level)

Air Purifier

HEPA High Efficiency Dedusting Filter

- Eliminate 99.97% of dust and almost 100% of cigarette.

HIMOP Odor-free Filter

- Focus on absorption of formaldehyde and other hazardous odor.

Anions Generating Function

- 1,200,000-1,400,000 anions per cubic centimeter are generated under turbo mode.

Timer | Comfortable Sleep Mode | Independently Control De-odor | LED Display | Auto Detect Air Quality of Environment and Adjust the Fan Speed | Healthy Filters | Odor&Dust Sensor with Red-orange-green Color Light | Filter Cleaning Montior (2000h used) | Filter Changed Montior (480h used) | Auto Restart | Lock

Features: Standard Optional

Model		GCF300CKNA
Power Supply		1Ph,220-240V,50Hz
Function		Filter type
Power Input	W	64
Rated Current	A	0.28
Airflow Volume	m^3/h	260
Recommend Area	m^2	15
Sound Pressure Level	T/H/L/M	48/44/38/26
CADR	m^3/h	53/48/38/28
Humidifying Volume	m^3/h	160
Outline Dimension (WxHxD)	mm	-
Package Dimension (WxHxD)	mm	396×576×245
Net Weight/Gross Weight	kg	449×635×303
Loading Quantity (40'GP)	sets	591
Loading Quantity (40'HQ)	sets	788

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Aqua Series

Air Purifier

Humidifying Function

Intellectual humidifying function brings you a comfortable feeling.

Auto Detecting System

The unit detects air quality of environment automatically and the fan adjusts the speed accordingly.

Timer | Comfortable Sleep Mode | Independently Control De-odor | LED Display | Auto Detect Air Quality of Environment and Adjust the Fan Speed | Multi Speeds | Odor&Dust Sensor with Red-orange-green Color Light | Filter Cleaning Montior (2000h used) | Filter Changed Montior (480h used) | Auto Restart | Lock

Features: Standard Optional

Model		GCS260BKNA	GCC240BKNA	GCF220BKNA
Power Supply		1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Function		Filter+Electrostatic	Filter+Electrostatic	Filter+Electrostatic
Power Input	W	55	58	58
Rated Current	A	0.24	0.25	0.25
Airflow Volume	m^3/h	220/180/150/80	240/200/160/80	260/200/160/80
Recommend Area	m^2	12-18	15-22	15-22
Sound Pressure Level	T/H/L/M	48/44/38	48/42/35	48/42/32
CADR	m^3/h	120	160	200
Humidifying Volume	m^3/h	350	380	400
Outline Dimension (WxHxD)	mm	385×608×278	385×608×278	385×608×278
Package Dimension (WxHxD)	mm	433×679×318	433×679×318	433×679×318
Net Weight/Gross Weight	kg	11/13	11/13	11/13
Loading Quantity (40'GP)	sets	576	576	576
Loading Quantity (40'HQ)	sets	767	767	767

Console Series

Slim Body and Flexible Installation

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

Floor Heating Function

The heating air flows out directly towards the floor, ensuring a warm feel from your feet.

LED Display | Intelligent Defrosting | 8°C Heating | Sleep Curves | 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

Features: Standard Optional

INVERTER

Model			GEH09AA-K3DNA1C	GEH12AA-K3DNA1C	GEH18AA-K3DNA1C
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	8871	12000	17742
	Heating	Btu/h	9383	12454	18766
	Pdesignh	Btu/h	9212	11942	17742
SEER/SCOP(A)		W/W	6.5/4.0	6.3/4.0	5.8/3.8
Energy Class			A++/A+	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	700	1100	1650
	Heating	W	740	1000	1550
Rated Current	Cooling	A	5.3	6.2	10.9
	Heating	A	6.9	7.0	11.1
Airflow Volume	Indoor	m^3/h	500	600	700
Indoor Unit					
Sound Power Level	Indoor	dB(A)(SH/H/ML)	50/48/43/36	52/50/47/42	56/54/50/44
Outline Dimension	WxHxD	mm	700×600×215	700×600×215	700×600×215
Package Dimension	WxHxD	mm	788×697×283	788×697×283	788×697×283
Net Weight/Gross Weight	Indoor	kg	15/18	15/18	15/18
Outdoor Unit					
Sound Power Level	Outdoor	dB(A)	62	63	65
Piping Connection	Gas	mm	φ9.52	φ9.52	φ12
	Liquid	mm	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	776×540×320	848×540×320	955×700×396
Package Dimension	WxHxD	mm	823×595×358	881×595×363	1029×750×458
Net Weight/Gross Weight	Outdoor	kg	32/34.5	34/36.5	45/49.5
Loading Quantity	40'GP	sets	180	165	121
	40'HQ	sets	201	190	133

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Free-match 4 & 4+

INVERTER R410A

Capacity range from 14 to 42Btu/h can be widely used in residential house, hotel, business office and especially applicable in variable loading situation.

Memory Function | Compact Design | Easier Maintainability | Turbo Function | Inner Groove Copper | High Efficiency | Intelligent Defrosting | Self-diagnosis | Low Voltage Startup | 24 Hour Timer | Child Lock

Comprehensive Protection | Wide Voltage Range | Wide Operation Range | Weekly Timer | Centralized Control | Long-distance Monitoring

Features: Standard Optional

- Free Match 4 has no 0.5W standby function, while it has electric heating belt;
- Free Match 4+ has 0.5W standby function, while it hasn't electric heating

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

Item	Nominal operating condition(temperature)				Operation range(temperature)	
	Outdoor condition		Indoor condition		Outdoor condition Free Match 4	Outdoor condition Free Match 4+
	DB(°C)	WB(°C)	DB(°C)	WB(°C)	DB(°C)	DB(°C)
Cooling	35	24	27	19	-15~43	18~43
Heating	7	6	20	15	-20~24	-15~24

8 combinations

GWHD(14)NK3DO

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

10 combinations

GWHD(18)NK3KO

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

18 combinations

GWHD(21)NK3KO

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

23 combinations

GWHD(24)NK3MO

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

40 combinations

GWHD(28)NK3KO

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

97 combinations

GWHD(36)NK3BO

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

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155 combinations

GWHD(42)NK3AO

Two units	Three units			Four units				Five units	
7k+18k	7k+7k+7k	7k+21k+21k	12k+12k+12k	7k+7k+7k+7k	7k+7k+18k+24k	7k+12k+18k+24k	12k+12k+12k+18k	7k+7k+7k+7k+7k	7k+7k+9k+12k+12k
7k+21k	7k+7k+9k	7k+21k+24k	12k+12k+18k	7k+7k+7k+9k	7k+9k+9k+9k	7k+12k+21k+21k	-	7k+7k+7k+7k+9k	7k+7k+9k+12k+18k
7k+24k	7k+7k+12k	7k+24k+24k	12k+12k+21k	7k+7k+7k+12k	7k+9k+9k+12k	7k+18k+18k+18k	-	7k+7k+7k+7k+12k	7k+7k+9k+12k+21k
9k+12k	7k+7k+18k	9k+9k+9	12k+12k+24k	7k+7k+7k+18k	7k+9k+9k+18k	9k+9k+18k+21k	-	7k+7k+7k+7k+18k	7k+7k+12k+12k+12k
9k+18k	7k+7k+21k	9k+9k+12k	12k+18k+18k	7k+7k+7k+21k	7k+9k+9k+21k	9k+9k+9k+9k	-	7k+7k+7k+7k+21k	7k+7k+12k+12k+18k
9k+21k	7k+7k+24k	9k+9k+18k	12k+18k+21k	7k+7k+7k+24k	7k+9k+9k+24k	9k+9k+9k+12k	-	7k+7k+7k+7k+24k	7k+9k+9k+9k+9k
9k+24k	7k+9k+9k	9k+9k+21k	12k+18k+24k	7k+7k+9k+9k	7k+9k+12k+12k	9k+9k+9k+18k	-	7k+7k+7k+9k+9k	7k+9k+9k+9k+12k
12k+12k	7k+9k+12k	9k+9k+24k	12k+21k+21k	7k+7k+9k+9k	7k+9k+12k+18k	9k+9k+9k+21k	-	7k+7k+7k+9k+12k	7k+9k+9k+9k+18k
12k+18k	7k+9k+18k	9k+12k+12k	12k+21k+24k	7k+7k+9k+12k	7k+9k+12k+21k	9k+9k+9k+24k	-	7k+7k+7k+9k+18k	7k+9k+9k+9k+21k
12k+21k	7k+9k+21k	9k+12k+18k	12k+24k+24k	7k+7k+9k+18k	7k+9k+12k+24k	9k+9k+12k+12k	-	7k+7k+7k+9k+21k	7k+9k+9k+12k+12k
12k+24k	7k+9k+24k	9k+12k+21k	18k+18k+18k	7k+7k+9k+21k	7k+9k+18k+18k	9k+9k+12k+18k	-	7k+7k+7k+9k+24k	7k+9k+9k+12k+18k
18k+18k	7k+12k+12k	9k+12k+24k	18k+18k+21k	7k+7k+9k+24k	7k+9k+18k+21k	9k+9k+12k+21k	-	7k+7k+7k+12k+12k	7k+9k+12k+12k+12k
18k+21k	7k+12k+18k	9k+18k+18k	18k+18k+24k	7k+7k+12k+12k	7k+12k+12k+12k	9k+9k+12k+24k	-	7k+7k+7k+12k+18k	7k+12k+12k+12k+12k
18k+24k	7k+12k+21k	9k+18k+21k	18k+21k+21k	7k+7k+12k+18k	7k+12k+12k+18k	9k+9k+18k+18k	-	7k+7k+7k+13k+21k	9k+9k+9k+9k+9k
21k+21k	7k+12k+24k	9k+18k+24k	-	7k+7k+12k+21k	7k+12k+12k+21k	9k+12k+12k+12k	-	7k+7k+9k+9k+9k	9k+9k+9k+9k+12k
21k+24k	7k+18k+18k	9k+21k+21k	-	7k+7k+12k+24k	7k+12k+12k+24k	9k+12k+12k+18k	-	7k+7k+9k+9k+12k	9k+9k+9k+9k+18k
24k+24k	7k+18k+21k	9k+21k+24k	-	7k+7k+18k+18k	7k+12k+18k+18k	9k+12k+12k+21k	-	7k+7k+9k+9k+18k	9k+9k+9k+12k+12k
-	7k+18k+24k	7k+24k+24k	-	7k+7k+18k+21k	7k+12k+18k+21k	12k+12k+12k+12k	-	7k+7k+9k+9k+21k	9k+9k+12k+12k+12k

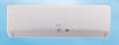
Outdoor Unit [Free match 4&4+]

Model			GWHD(14)NK3DO	GWHD(18)NK3KO	GWHD(21)NK3KO	GWHD(24)NK3KO	GWHD(28)NK3KO	GWHD(36)NK3BO	GWHD(42)NK3AO
Capacity	Cooling	Btu/h	14000	18000	21000	24000	28000	35826	41285
	Heating	Btu/h	14000	18000	21000	24000	28000	37532	44400
SEER		W/W	6.1	6.1	6.1	6.1	6.1	5.5	5.5
Power supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	kW	1.2	1.55	1.91	2.18	2.54	3.5	3.59
	Heating	kW	1.10	1.42	1.65	1.89	2.20	3.75	3.54
Refrigerant charge volume		kg	1.4	1.4	2.2	2.2	2.4	4.3	4.8
Air Pressure Level		m^3/h	2600	3200	3200	4000	4000	5200	5500
Sound pressure level		dB(A)	55	56	56	58	58	57	54
"Dimension (W×D×H)"	Outline	mm	899X596X378	955X396X700	955X396X700	980X427X790	980X427X790	1015×440×1103	1015×440×1103
	Package	mm	948×645×420	1029×750×458	1029×750×458	1083×488×855	1083×488×855	1158×493×1235	1158×493×1235
Net weight/Gross weight		kg	43/47	50/55	51/56	68/73	69/74	94/104	102/112
Connecting pipe diameter	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)
	WxHxD	inch(mm)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)
Max. equivalent connection pipe length		m	20	20	60	60	70	70	80
Maximum drive IDU NO.		unit	5	5	5	5	5	5	5
Loading quantity	40'GP/40'HQ	sets	204/272	171/171	171/171	96/144	96/144	48/96	48/96

U-Crown [Free match 4]

Model			GWH09UB-K3DNA4F	GWH12UB-K3DNA4F	GWH18UC-K3DNA4F
Capacity	Cooling	Btu/h	9000	12000	18000
	Heating	Btu/h	10200	12300	18000
Power supply		Ph/V/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Airflow Volume		m^3/h	650	720	850
		CFM	353	424	500
Sound Pressure Level (SH/H/MH/M/ML/L/SL)		dB(A)	56/50/48/46/43/35/32	57/51/49/47/44/36/33	58/54/52/48/45/37/34
Connecting pipe	Gas	inch(mm)	φ12	φ12	φ12
	Liquid	inch(mm)	φ6	φ6	φ6
Dimension(W×D×H)	Outline	mm	860×305×170	860×305×170	960×320×205
	Package	mm	935×388×295	935×388×295	1043×403×333
Net Weight /Gross Weight		kg	11.5/14	11.5/14	14/17
Loading Quantity	20'GP	set	276	276	210
	40' GP/40' HQ	set	566/674	566/674	439/499

Hansol [Free match 4&4+]



Model			GWH07TB-S3DNA1D/I	GWH09TB-S3DNA1D/I	GWH12TB-S3DNA1D/I	GWH18TC-S3DNA1D/I	GWH24TD-S3DNA1D/I
Capacity	Cooling	Btu/h	7200	8530	11950	18080	23884
	Heating	Btu/h	8880	10920	13650	18430	24907
Power supply		Ph/V/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Airflow Volume		m^3/h	600	650	750	950	1200
		CFM	353	383	441	559	706
Sound Pressure Level dB (A)		dB(A)	38/36/32/30	43/36/34/32	43/36/34/32	46/44/42/40	51/50/46/44
Connecting pipe	Gas	inch(mm)	3/8（φ9.52）	3/8（φ9.52）	1/2（φ12）	5/8（φ16）	5/8（φ16）
	Liquid	inch(mm)	1/4（φ6）	1/4（φ6）	1/4（φ6）	1/4（φ6）	1/4（φ6）
Dimension(W×D×H)	Outline	mm	806×209×292	806×209×292	806×209×292	1018×230×319	1178×326×264
	Package	mm	888×297×377	888×297×377	945×297×377	1097×340×397	1256×414×364
Net Weight /Gross Weight		kg	10/13.0	11.0/13.0	11.0/13.0	14.0/17.0	17.0/21.0
Loading Quantity	20'GP	set	266	266	252	174	132
	40' GP/40' HQ	set	553/632	553/632	518/592	366/427	276/322

Lomo [Free match 4&4+]

Model			GWH07QB-K3DNA1G/I	GWH09QB-K3DNA1G/I	GWH12QC-K3DNA1G/I	GWH18QD-K3DNA1G/I	GWH24QE-K3DNA1G/I
Capacity	Cooling	Btu/h	7165	8880	11900	17500	22860
	Heating	Btu/h	8871	9550	12500	18000	24737
Power supply		Ph/V/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Air flow volume		m^3/h	550	560	660	800	1150
		CFM	324	330	388	421	677
Sound pressure level(SH/H/MH/M/ML/L/SL)		dB(A)	38/36/32/26	55/52/44/38	57/53/45/42	46/42/39/36	48/45/42/39
Connecting pipe	Gas	inch(mm)	3/8（φ9.52）	3/8（φ9.52）	3/8（φ9.52）	1/2（φ12）	5/8（φ16）
	Liquid	inch(mm)	1/4（φ6）	1/4（φ6）	1/4（φ6）	1/4（φ6）	1/4（φ6）
Dimension(W×D×H)	Outline	mm	790×200×257	790×200×257	845×209×289	970×300×224	955×700×396
	Package	mm	866×271×367	866×271×367	921×281×379	1041×383×320	1029×750×458
Net Weight/Gross weight		kg	9/11	9/11	10.0/12.0	13.5/16.5	17/20.5
Loading quantity	20'GP	sets	334	334	294	229	168
	40'GP/40'HQ	sets	692/804	692/804	600/674	479/545	336/392

Cozy [Free match 4&4+]

Model			GWH07MB-K3DNE3G/I	GWH09MB-K3DNE3G/I	GWH12MB-K3DNE3G/I	GWH18MC-K3DNE3G/I	GWH24MD-K3DNE3G/I
Capacity	Cooling	Btu/h	7200	8900	11940	18000	22000
	Heating	Btu/h	8880	10240	13650	19800	24000
Power supply		Ph/V/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Airflow Volume		m^3/h	580	600	600	850	1000
		CFM	341	353	353	500	588
Sound pressure level(SH/H/MH/M/ML/L/SL)		dB(A)	41/39/34/28	42/39/34/28	42/40/35/30	45/43/37/33	51/47/42/39
Connecting pipe	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)	5/8（φ16）
	Liquid	inch(mm)	1/4（φ6）	1/4（φ6）	1/4（φ6）	1/4（φ6）	1/4（φ6）
Dimension(W×D×H)	Outline	mm	790x170x265	790x170x265	845x180x275	940x200x295	1007×315×219
	Package	mm	873x251x370	873x251x370	918x258x370	1013x383x300	1076×398×328
Net Weight/Gross weight		kg	9.0/12.0	9.0/12.0	9.0/12.0	12.0/15.0	15/18.5
Loading quantity	20'GP	sets	348	348	336	254	210
	40'GP/40'HQ	sets	732/852	732/852	684/798	541/609	434/496

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Viola [Free match 4&4+]

Model			GWH07RB-K3DNA5G/I	GWH09RB-K3DNA5G/I	GWH12RB-K3DNA5G/I	GWH18RC-K3DNA5G/I	GWH24RD-K3DNA5G/I
Capacity	Cooling	Btu/h	7200	8880	11900	18000	22000
	Heating	Btu/h	8880	10240	13650	19790	24000
Power supply		Ph/V/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Air flow volume		m^3/h	580	600	600	850	1000
		CFM	341	353	353	500	588
Sound Pressure Level dB (A)		dB(A)	41/39/34/28	41/39/34/28	42/40/35/30	45/43/37/33	51/47/42/39
Connecting pipe	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)	5/8（φ16）
	Liquid	inch(mm)	1/4（φ6）	1/4（φ6）	1/4（φ6）	1/4（φ6）	1/4（φ6）
Dimension(W×D×H)	Outline	mm	848x189x274	848x189x274	848x189x274	945x208x298	1018×233×315
	Package	mm	926x267x371	926x267x371	926x267x371	1013x383x300	1086×328×398
Net Weight /Gross Weight		kg	9.0/11.0	9.0/11.0	9.0/12.0	12.0/15.0	15/18.5
Loading Quantity	20'GP	sets	306	306	306	252	203
	40'HQ	sets	636/742	636/742	636/742	541/609	427/488

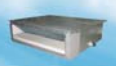
Change [Free match 4&4+]

Model			GWH07KF-K3DNA6G/I	GWH09KF-K3DNA6G/I	GWH12KF-K3DNA6G/I	GWH18KG-K3DNA6G/I	GWH24KG-K3DNA6G/I
Capacity	Cooling	Btu/h	7200	8880	11940	18000	22007
	Heating	Btu/h	8880	9550	12970	19000	23884
Power supply		Ph/V/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Air flow volume		m^3/h	550	600	680	800	1000
		CFM	324	353	400	471	588
Sound pressure level(SH/H/MH/M/ML/L/SL)		dB(A)	40/38/30/24	41/38/30/24	42/39/31/25	45/40/37/32	51/47/42/34
Connecting pipe	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)	5/8（φ16）
	Liquid	inch(mm)	1/4（φ6）	1/4（φ6）	1/4（φ6）	1/4（φ6）	1/4（φ6）
Dimension(W×D×H)	Outline	mm	770x283x201	770x283x201	770x283x201	865x305x215	1007×315×219
	Package	mm	847x345x276	847x345x276	847x345x276	948x383x310	1076×398×328
Net Weight /Gross Weight		kg	8.0/9.5	328	9.0/10.5	12.0/15.0	14/17
Loading Quantity	20'GP	sets	328	328	328	264	210
	40'GP/40'HQ	sets	688/774	688/774	688/774	542/616	434/496

Cassette Type Indoor Unit

Model				GKH(12)BA-K3DNA2A/I	GKH(18)BA-K3DNA2A/I	GKH(24)BA-K3DNA1A/I
Capacity	Cooling		Btu/h	11942	15354	24225
	Heating		Btu/h	13648	17060	27296
Power supply			Ph/V/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Air flow volume			m^3/h	680	600	1180
			CFM	400	353	694
Sound pressure level			dB(A)	35/35/33	46/44/42	39/37/35
	Gas		inch(mm)	3/8(φ9.52)	1/2(φ12)	5/8(φ16)
	Liquid		inch(mm)	1/4 (φ6)	1/4 (φ6)	3/8 (φ9.52)
Main body	Dimention (W×D×H)	Outline	mm	840×840×190	570×570×230	840×840×240
		Package	mm	963×963×273	851×731×325	963×963×325
	Net Weight/Gross weight		kg	25/33	18/23	28/35
Panel	Dimention (W×D×H)	Outline	mm	950×950×60	650×650×50	950×950×60
		Package	mm	1043×1028×115	733×673×117	1043×1028×130
	Net Weight/Gross weight		kg	6.5/10	2.5/3.5	6.5/10
Loading quantity		20'GP	sets	48	-	40
		40'GP/40'HQ	sets	128/144	209/246	108/128

Duct Type Indoor Unit



Model			GFH(09)EA-K3DNA1A/I	GFH(12)EA-K3DNA1A/I	GFH(18)EA-K3DNA1A/I	GFH(21)EA-K3DNA1A/I	GFH(24)EA-K3DNA1A/I
Capacity	Cooling	Btu/h	8530	11940	17060	20470	24230
	Heating	Btu/h	9550	13140	18770	22520	27300
Power supply		Ph/V/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Air flow volume		m^3/h	450	500	700	1000	1000
		CFM	264.825	324	411.95	588.5	588.5
Sound pressure level(SH/H/MH/M/ML/L/SL)		dB(A)	37/31	39/32	41/33	42/34	42/34
Connecting pipe	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)	5/8(Φ16)	5/8(Φ16)
	Liquid	inch(mm)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	3/8(φ9.52)	3/8(φ9.52)
Dimension(W×D×H)	Outline	mm	700×615×200	700×615×200	900×615×200	1100×615×200	1100×615×200
	Package	mm	893×743×305	893×743×305	1123×743×305	1323×743×305	1323×743×305
Net Weight/Gross weight		kg	22/27	23/29	27/36	31/41	31/41
Loading Quantity	20'GP	sets	108	108	90	72	72
	40' GP/40' HQ	sets	234/234	234/234	180/180	162/162	162/162

Floor Ceiling Type Indoor Unit

Model			GTH(09)BA-K3DNA1A/I	GTH(12)BA-K3DNA1A/I	GTH(18)BA-K3DNA1A/I	GTH(24)BA-K3DNA1A/I
Capacity	Cooling	Btu/h	11942	11942	17060	24225
	Heating	Btu/h	13648	13136	18766	27296
Power supply		Ph/V/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Airflow volume		m^3/h	600	650	950	1250
		CFM	383	382	559	736
Sound pressure level (SH/H/MH/M/ML/L/SL)		dB(A)	46/42	40/36	45/40	48/44
Connecting pipe	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)	5/8(Φ16)
	Liquid	inch(mm)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	3/8(φ9.52)
Dimension(WxHxD)	Outline	mm	570×570×230	1220×700×225	1220×700×225	1220×700×225
	Package	mm	851×731×325	1343×823×315	1343×823×315	1343×823×315
Net weight/Gross weight		kg	18/23	40/50	40/50	45/54
Loading quantity	20'GP	sets	66	66	66	66
	40' GP/40' HQ	sets	209/246	132/132	132/132	132/132

Control system line up

Control system \ Product series			Wall mounted type					Duct type	Cassette type	Floor ceiling type
			Hansol	Viola	Lomo	Cozy	Change			
	YAA1FB1									
	YAA1FB									
	YB1FA(XFAN)					●				
	YB1F2(XFAN)						●			
	YAN1F1				●					
	YAG1FB		●							
	YT1F(MOTO)			●				●	●	●
	XK19							●	●	●
Centralized controller	CE50-24E		○					●	●	●

Features: ● Standard ○ Optional

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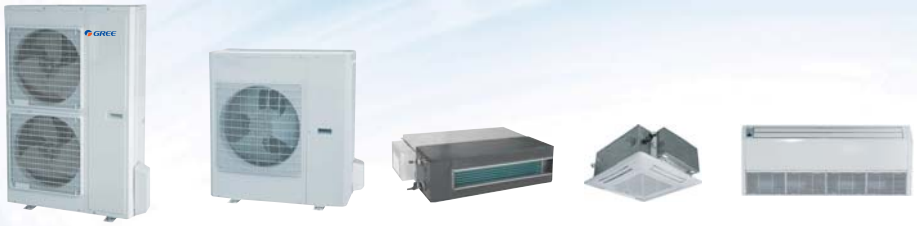
Light Commercial

U-Match

R410A INVERTER Energy Efficiency Class A

Inverter 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 | Anti-cold function | Comprehensive protection | Compact design | Easier maintainability

- Double ambient temperature sensor design makes a precision temperature monitoring.
- Law 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.

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

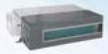
- Drain pump fitted as standard with increased lift of 1100mm.
- Special low noise fan design.
- Different swing angle design for cooling and heating mode for better comfort.

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	15	-10~24

Units Lineup

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

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

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Drain Pump

Capacity Index	9000Btu	12000Btu	18000Btu	24000Btu	30000Btu	36000Btu	42000Btu	48000Btu	60000Btu
Duct Type	●	●	●	●	●	●	●	●	●
Cassette	○	○	○	○	○	○	○	○	○
Floor ceiling	○	○	○	○	○	○	○	○	○

Features: ○ Standard ● Optional ○ Without

R410A INVERTER Energy Efficiency Class A

Model	Outdoor unit			GUHD09NK3FO	GUHD09NK3FO	GUHD12NK3FO	GUHD12NK3FO	GUHD12NK3FO	GUHD18NK3FO	GUHD18NK3FO
	Indoor unit			Duct	Floor ceiling	Duct	Cassette	Floor ceiling	Duct	Cassette
				GFH09K3FI	GTH09K3FI	GFH12K3FI	GKH12K3FI	GTH12K3FI	GFH18K3FI	GKH18K3FI
Capacity	Cooling		W	2700	2700	3500	3500	3500	5000	5000
			Btu/h	9212.4	9212.4	11942	11942	11942	17060	17060
	Heating		W	2900	2900	3800	3800	3800	5600	5500
			Btu/h	9894.8	9894.8	12965.6	12965.6	12965.6	19107.2	18766
SEER/SCOP			W/W	5.6/3.8	6.1/3.8	5.6/4.0	5.6/4.0	6.1/4.0	5.6/3.8	5.6/3.8
EER / C.O.P			W/W	3.21/3.61	3.21/3.61	3.00/3.61	3.21/3.61	3.21/3.61	3.23/3.61	3.12/3.48
			Btu/h.W	10.97/12.32	10.97/12.32	10.24/12.31	10.96/12.31	10.96/12.31	11.01/12.33	10.66/11.88
Power supply			Ph/V/Hz	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1
Power input	Cooling		kW	1.70	1.70	1.90	1.90	1.90	2.50	2.50
	Heating		kW	1.60	1.60	1.80	1.80	1.80	2.40	2.40
Current input	Cooling		A	3.90	3.90	5.40	5.00	5.00	7.50	7.20
	Heating		A	3.70	3.70	4.90	4.90	4.90	7.40	7.60
Refrigerant charge volume			kg	1.2	1.2	1.2	1.2	1.2	1.4	1.4
Indoor unit	Sound pressure level (H/M/L)		dB(A)	34/28/26	29/26/24	36/34/28	45/41/36	33/30/27	39/36/28	46/44/37
	Air flow volume(H/M/L)		CFM	382.525	353.1	441.375	411.95	411.95	588.5	447.26
			m^3/h	650	600	750	700	700	1000	760
	ESP	Rated	Pa	25	0	25	0	0	25	0
		Range	Pa	0-30	0	0-30	0	0	0-30	0
	Dimension (W×D×H)	Outline	mm	925×665×250	1220×700×225	1037×721×266	596×596×240	1220×700×225	1037×721×266	596×596×240
		Package	mm	1023×748×320	1343×823×315	1123×798×323	773×733×300	1343×823×315	1123×798×323	773×733×300
	Net weight		kg	27.0	38.0	33.0	20.0	39.0	33.0	20.0
	Gross weight		kg	32.0	47.0	38.0	24.0	48.0	38.0	24.0
Panel	Dimension (W×D×H)	Outline	mm	—/—	—/—	—/—	670×670×50	—/—	—/—	670×670×50
		Package	mm	—/—	—/—	—/—	763×763×105	—/—	—/—	763×763×105
	Net weight		kg	—/—	—/—	—/—	3.5	—/—	—/—	3.5
	Gross weight		kg	—/—	—/—	—/—	5.0	—/—	—/—	5.0
Outdoor unit	Sound pressure level		dB(A)	52/—/—	52/—/—	52/—/—	52/—/—	52/—/—	56/—/—	56/—/—
	Dimension (W×D×H)	Outline	mm	848×320×540	848×320×540	848×320×540	848×320×540	848×320×540	955×396×700	955×396×700
		Package	mm	881X363X595	881X363X595	881X363X595	881X363X595	881X363X595	1029X458X750	1029X458X750
	Net weight		kg	34.0	34.0	34.0	34.0	34.0	47.0	47.0
	Gross weight		kg	37.0	37.0	37.0	37.0	37.0	50.0	50.0
Connection pipe	Outer diameter	Liquid	inch(mm)	1/4	1/4	1/4	1/4	1/4	1/4	1/4
		Gas	inch(mm)	3/8	3/8	3/8	3/8	3/8	1/2	1/2
	Max.distance	Height	m	15	15	15	15	15	15	15
		Length	m	20	20	20	20	20	20	20
Loading quantity			40'GP	126	96	114	127	96	93	95
			40'HQ	141	112	131	138	112	95	105

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Model	Outdoor unit			GUHD18NK3FO	GUHD24NK3FO	GUHD24NK3FO	GUHD24NK3FO	GUHD30NK3FO	GUHD30NK3FO	GUHD30NK3FO
	Indoor unit			Floor ceiling	Duct	Cassette	Floor ceiling	Duct	Cassette	Floor ceiling
				GTH18K3FI	GFH24K3FI	GKH24K3FI	GTH24K3FI	GFH30K3FI	GKH30K3FI	GTH30K3FI
Capacity	Cooling		W	5000	7000	7000	7000	8300	8300	8500
			Btu/h	17060	23884	23884	23884	28319.6	28319.6	29002
	Heating		W	5600	8000	8000	8000	9200	9200	9200
			Btu/h	19107.2	27296	27296	27296	31390.4	31390.4	31390.4
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	6.1/4.0
EER / C.O.P			W/W	3.23/3.61	3.21/3.62	3.21/3.62	3.21/3.62	3.11/3.58	3.11/3.58	3.18/3.58
			Btu/h.W	11.01/12.33	10.96/12.35	10.96/12.35	10.96/12.35	10.61/12.21	10.61/12.21	10.86/12.21
Power supply			Ph/V/Hz	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1
Power input	Cooling		kW	2.50	3.80	3.80	3.80	3.90	3.90	3.90
	Heating		kW	2.40	4.00	4.00	4.00	4.10	4.10	4.10
Current input	Cooling		A	7.20	10.10	10.10	10.10	12.40	12.40	12.40
	Heating		A	7.20	10.20	10.20	10.20	12.00	12.00	12.00
Refrigerant charge volume			kg	1.4	2.2	2.2	2.2	2.4	2.4	2.4
Indoor unit	Sound pressure level (H/M/L)		dB(A)	42/38/32	46/44/40	46/42/38	48/46/40	46/44/40	48/45/40	46/44/38
	Air flow volume(H/M/L)		CFM	588.5	823.9	765.05	706.2	823.9	882.75	882.75
			m^3/h	1000	1400	1300	1200	1400	1500	1500
	ESP	Rated	Pa	0	25	0	0	37	0	0
		Range	Pa	0	0-75	0	0	0-75	0	0
	Dimension (W×D×H)	Outline	mm	1220×700×225	1279×558×268	840×840×240	1220×700×225	1279×558×268	840×840×320	1420×700×245
		Package	mm	1343×823×315	1348×597×283	963×963×325	1343×823×315	1348×597×283	963×963×409	1548×828×345
	Net weight		kg	39.0	34.0	26.0	40.0	34.0	31.0	48.0
	Gross weight		kg	48.0	39.0	32.0	50.0	39.0	38.0	56.0
Panel	Dimension (W×D×H)	Outline	mm	—/—	—/—	950×950×60	—/—	—/—	950×950×60	—/—
		Package	mm	—/—	—/—	1028×1043×130	—/—	—/—	1028×1043×130	—/—
	Net weight		kg	—/—	—/—	7	—/—	—/—	7	—/—
	Gross weight		kg	—/—	—/—	11	—/—	—/—	11	—/—
Outdoor unit	Sound pressure level		dB(A)	56/—/—	57/—/—	57/—/—	57/—/—	58/—/—	58/—/—	58/—/—
	Dimension (W×D×H)	Outline	mm	955×396×700	980×427×790	980×427×790	980×427×790	980×427×790	980×427×790	980×427×790
		Package	mm	1029X458X750	1083X488X855	1083X488X855	1083X488X855	1083X488X855	1083X488X855	1083X488X855
	Net weight		kg	47.0	67.0	67.0	67.0	71.0	71.0	71.0
	Gross weight		kg	50.0	72.0	72.0	72.0	76.0	76.0	76.0
Connection pipe	Outer diameter	Liquid	inch(mm)	1/4	3/8	3/8	3/8	3/8	3/8	3/8
		Gas	inch(mm)	1/2	5/8	5/8	5/8	5/8	5/8	5/8
	Max.distance	Height	m	15	15	15	15	15	15	15
		Length	m	20	30	30	30	30	30	30
Loading quantity			40'GP	89	76	64	70	76	49	57
			40'HQ	97	89	71	86	89	69	67

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Model	Outdoor unit			GUHD36NK3FO	GUHD36NK3FO	GUHD36NK3FO	GUHD36NM3FO	GUHD36NM3FO	GUHD36NM3FO	GUHD42NK3FO
	Indoor unit			Duct	Cassette	Floor ceiling	Duct	Cassette	Floor ceiling	Duct
				GFH36K3FI	GKH36K3FI	GTH36K3FI	GFH36K3FI	GKH36K3FI	GTH36K3FI	GFH42K3FI
Capacity	Cooling		W	10000	10000	10000	10000	10000	10000	11500
			Btu/h	34120	34120	34120	34120	34120	34120	39238
	Heating		W	12000	12000	12000	12000	12000	12000	13500
			Btu/h	40944	40944	40944	40944	40944	40944	46062
SEER/SCOP			W/W	5.6/4.0	6.1/4.0	6.1/4.0	5.1/4.0	6.1/4.0	6.1/4.0	5.6/3.8
EER / C.O.P			W/W	3.12/3.53	3.12/3.43	3.12/3.53	3.21/3.61	3.21/3.61	3.21/3.61	2.88/3.46
			Btu/h.W	10.66/12.04	10.66/11.70	10.66/12.04	10.94/12.33	10.94/12.33	10.94/12.33	9.81/11.81
Power supply			Ph/V/Hz	220-240-50-1	220-240-50-1	220-240-50-1	380-415-50-3	380-415-50-3	380-415-50-3	220-240-50-1
Power input	Cooling		kW	4.65	4.65	4.75	4.75	4.80	4.80	4.80
	Heating		kW	4.75	4.85	4.85	4.85	4.85	4.85	4.85
Current input	Cooling		A	15.00	15.00	15.00	5.40	5.40	5.40	18.60
	Heating		A	15.50	16.20	15.80	5.80	5.80	5.80	18.10
Refrigerant charge volume			kg	3.5	3.5	3.5	3.5	3.5	3.5	3.7
Indoor unit	Sound pressure level (H/M/L)		dB(A)	52/48/44	49/46/43	53/51/46	52/48/44	49/46/43	53/51/46	52/48/44
	Air flow volume(H/M/L)		CFM	1235.85	1094.61	1118.15	1235.85	1094.61	1118.15	1235.85
			m³/h	2100	1860	1900	2100	1860	1900	2100
	ESP	Rated	Pa	37	0	0	37	0	0	37
		Range	Pa	0-100	0	0	0-100	0	0	0-100
	Dimension (W×D×H)	Outline	mm	1226×775×290	840×840×320	1420×700×245	1226×775×290	840×840×320	1420×700×245	1226×775×290
		Package	mm	1338×877×305	963×963×409	1548×828×345	1338×877×305	963×963×409	1548×828×345	1338×877×305
	Net weight		kg	46.0	31.0	48.0	46.0	31.0	48.0	46.0
	Gross weight		kg	53.0	38.0	56.0	53.0	38.0	56.0	53.0
Panel	Dimension (W×D×H)	Outline	mm	—/—	950×950×60	—/—	—/—	950×950×60	—/—	—/—
		Package	mm	—/—	1028×1043×130	—/—	—/—	1028×1043×130	—/—	—/—
	Net weight		kg	—/—	7	—/—	—/—	7	—/—	—/—
	Gross weight		kg	—/—	11	—/—	—/—	11	—/—	—/—
Outdoor unit	Sound pressure level		dB(A)	63/—/—	63/—/—	63/—/—	63/—/—	63/—/—	63/—/—	61/—/—
	Dimension (W×D×H)	Outline	mm	1107×440×1100	1107×440×1100	1107×440×1100	1107×440×1100	1107×440×1100	1107×440×1100	958×412×1349
		Package	mm	1158X493X1236	1158X493X1236	1158X493X1236	1158X493X1236	1158X493X1236	1158X493X1236	1043X453X1500
	Net weight		kg	92.0	92.0	92.0	98.0	98.0	98.0	95.0
	Gross weight		kg	100.0	100.0	100.0	106.0	106.0	106.0	105.0
Connection pipe	Outer diameter	Liquid	inch(mm)	3/8	3/8	3/8	3/8	3/8	3/8	3/8
		Gas	inch(mm)	5/8	5/8	5/8	5/8	5/8	5/8	5/8
	Max.distance	Height	m	15	15	15	15	15	15	30
		Length	m	30	30	30	30	30	30	50
Loading quantity			40'GP	45	43	45	45	43	45	52
			40'HQ	60	50	56	60	50	56	58

Model	Outdoor unit			GUHD42NK3FO	GUHD42NK3FO	GUHD42NM3FO	GUHD42NM3FO	GUHD42NM3FO	GUHD48NK3FO	GUHD48NK3FO
	Indoor unit			Cassette	Floor ceiling	Duct	Cassette	Floor ceiling	Duct	Cassette
				GKH42K3FI	GTH42K3FI	GFH42K3FI	GKH42K3FI	GTH42K3FI	GFH48K3FI	GKH48K3FI
Capacity	Cooling		W	11000	11500	11500	11000	11500	14000	14000
			Btu/h	37532	39238	39238	37532	39238	47768	47768
	Heating		W	12500	13500	13500	12500	13500	15500	16000
			Btu/h	42650	46062	46062	42650	46062	52886	54592
SEER/SCOP			W/W	5.6/4.0	6.1/4.0	5.6/4.0	6.1/4.0	5.6/4.0	6.1/3.8	6.1/3.8
EER / C.O.P			W/W	2.82/3.29	2.95/3.65	2.88/3.46	2.82/3.29	2.95/3.61	2.98/3.52	3.04/3.56
			Btu/h.W	9.62/11.22	10.06/12.45	9.81/11.81	9.62/11.22	10.06/12.32	10.16/12.02	10.38/12.13
Power supply			Ph/V/Hz	220-240-50-1	220-240-50-1	380-415-50-3	380-415-50-3	380-415-50-3	220-240-50-1	220-240-50-1
Power input	Cooling		kW	4.75	4.80	4.90	4.80	4.80	6.70	6.70
	Heating		kW	4.90	4.90	4.90	4.90	4.90	6.70	6.50
Current input	Cooling		A	18.10	18.10	6.90	6.70	6.70	21.80	21.30
	Heating		A	17.60	17.20	6.70	6.60	6.50	20.40	20.80
Refrigerant charge volume			kg	3.7	3.7	3.7	3.7	3.7	4.0	4.0
Indoor unit	Sound pressure level (H/M/L)		dB(A)	49/46/43	54/52/47	52/48/44	49/46/43	54/52/47	53/49/45	52/47/41
	Air flow volume(H/M/L)		CFM	1094.61	1118.15	1235.85	1094.61	1118.15	1412.4	1353.55
			m³/h	1860	1900	2100	1860	1900	2400	2300
	ESP	Rated	Pa	0	0	37	0	0	50	0
		Range	Pa	0	0	0-100	0	0	0-125	0
	Dimension (W×D×H)	Outline	mm	840×840×320	1420×700×245	1226×775×290	840×840×320	1420×700×245	1340×750×350	910×910×290
		Package	mm	963×963×409	1548×828×345	1338×877×305	963×963×409	1548×828×345	1423×837×455	1023×993×375
	Net weight		kg	31.0	50.0	46.0	31.0	50.0	56.0	43.0
	Gross weight		kg	38.0	58.0	53.0	38.0	58.0	65.0	50.0
Panel	Dimension (W×D×H)	Outline	mm	950×950×60	—/—	—/—	950×950×60	—/—	—/—	1040×1040×65
		Package	mm	1028×1043×130	—/—	—/—	1028×1043×130	—/—	—/—	1137×1137×140
	Net weight		kg	7	—/—	—/—	7	—/—	—/—	8
	Gross weight		kg	11	—/—	—/—	11	—/—	—/—	12
Outdoor unit	Sound pressure level		dB(A)	61/—/—	61/—/—	61/—/—	61/—/—	61/—/—	59/—/—	59/—/—
	Dimension (W×D×H)	Outline	mm	958×412×1349	958×412×1349	958×412×1349	958×412×1349	958×412×1349	958×412×1349	958×412×1349
		Package	mm	1043X453X1500	1043X453X1500	1043X453X1500	1043X453X1500	1043X453X1500	1043X453X1500	1043X453X1500
	Net weight		kg	95.0	95.0	108.0	108.0	108.0	105.0	105.0
	Gross weight		kg	105.0	105.0	118.0	118.0	118.0	115.0	115.0
Connection pipe	Outer diameter	Liquid	inch(mm)	3/8	3/8	3/8	3/8	3/8	3/8	3/8
		Gas	inch(mm)	5/8	5/8	5/8	5/8	5/8	5/8	5/8
	Max.distance	Height	m	30	30	30	30	30	30	30
		Length	m	50	50	50	50	50	50	50
Loading quantity			40'GP	45	43	52	45	43	38	43
			40'HQ	48	47	58	48	4789	48	50

R410A INVERTER Energy Efficiency Class A

Model	Outdoor unit			GUHD48NK3FO	GUHD48NM3FO	GUHD48NM3FO	GUHD48NM3FO	GUHD60NM3FO	GUHD60NM3FO	GUHD60NM3FO
	Indoor unit			Floor ceiling	Duct	Cassette	Floor ceiling	Duct	Cassette	Floor ceiling
				GTH48K3FI	GFH48K3FI	GKH48K3FI	GTH48K3FI	GFH60K3FI	GKH60K3FI	GTH60K3FI
Capacity	Cooling		W	14000	14000	14000	14000	16000	16000	16000
			Btu/h	47768	47768	47768	47768	54592	54592	54592
	Heating		W	16000	15500	16000	16000	16500	17000	17000
			Btu/h	54592	52886	54592	54592	56298	58004	58004
SEER/SCOP			W/W	5.6/3.8	5.6/3.8	5.6/3.8	5.6/4.0	5.6/3.8	6.1/4.0	5.1/4.0
EER / C.O.P			W/W	2.92/3.72	2.75/3.44	2.72/3.56	2.80/3.56	2.86/3.61	2.81/3.62	2.78/3.62
			Btu/h.W	9.95/12.70	9.37/11.75	9.28/12.13	9.55/12.13	9.75/12.32	9.58/12.34	9.49/12.34
Power supply			Ph/V/Hz	220-240-50-1	380-415-50-3	380-415-50-3	380-415-50-3	380-415-50-3	380-415-50-3	380-415-50-3
Power input	Cooling		kW	6.60	6.70	6.70	6.60	7.40	7.40	7.40
	Heating		kW	6.70	6.70	6.70	6.70	7.20	7.20	7.20
Current input	Cooling		A	22.30	8.80	8.90	8.60	9.70	9.80	10.00
	Heating		A	20.00	7.80	7.80	7.80	7.90	8.20	8.20
Refrigerant charge volume			kg	4.0	4.0	4.0	4.0	5.0	5.0	5.0
Indoor unit	Sound pressure level (H/M/L)		dB(A)	55/50/46	53/49/45	52/47/41	55/50/46	56/54/49	53/47/41	56/52/46
	Air flow volume(H/M/L)		CFM	1353.55	1412.4	1353.55	1353.55	1765.5	1412.4	1471.25
			m³/h	2300	2400	2300	2300	3000	2400	2500
	ESP	Rated	Pa	0	50	0	0	50	0	0
		Range	Pa	0	0-125	0	0	0-150	0	0
	Dimension (W×D×H)	Outline	mm	1700×700×245	1340×750×350	910×910×290	1700×700×245	1340×750×350	910×910×290	1700×700×245
		Package	mm	1828×828×345	1423×837×455	1023×993×375	1828×828×345	1423×837×455	1023×993×375	1828×828×345
	Net weight		kg	59.0	56.0	43.0	59.0	57.0	43.0	59.0
	Gross weight		kg	68.0	65.0	50.0	68.0	69.0	50.0	68.0
Panel	Dimension (W×D×H)	Outline	mm	—/—	—/—	1040×1040×65	—/—	—/—	1040×1040×65	—/—
		Package	mm	—/—	—/—	1137×1137×140	—/—	—/—	1137×1137×140	—/—
	Net weight		kg	—/—	—/—	8	—/—	—/—	8	—/—
	Gross weight		kg	—/—	—/—	12	—/—	—/—	12	—/—
Outdoor unit	Sound pressure level		dB(A)	59/—/—	59/—/—	59/—/—	59/—/—	63/—/—	63/—/—	63/—/—
	Dimension (W×D×H)	Outline	mm	958×412×1349	958×412×1349	958×412×1349	958×412×1349	1085×427×1365	1085×427×1365	1085×427×1365
		Package	mm	1043X453X1500	1043X453X1500	1043X453X1500	1043X453X1500	1143X478X1505	1143X478X1505	1143X478X1505
	Net weight		kg	105.0	114.0	114.0	114.0	126.0	126.0	126.0
	Gross weight		kg	115.0	124.0	124.0	124.0	138.0	138.0	138.0
Connection pipe	Outer diameter	Liquid	inch(mm)	3/8	3/8	3/8	3/8	3/8	3/8	3/8
		Gas	inch(mm)	5/8	5/8	5/8	5/8	3/4	3/4	3/4
	Max.distance	Height	m	30	30	30	30	30	30	30
		Length	m	50	50	50	50	50	50	50
Loading quantity			40'GP	43	38	43	43	40	38	39
			40'HQ	47	48	50	47	40	48	42

Control System Lineup

Controlling system \ Product series			U-Match		
				Fixed frequency series	
			Duct type	4-Way Cassette type	Floor ceiling type
Wireless remote controller	Y512		○	●	●
	YB1F2		○	○	○
	YX1F		○	○	○
Wired controller	Z4B351A		○		
	ZY512A		●		
	Z7A351A			○	○
	Z4E351A		○	○	○
Smart zone controller	ZJ401A		○	○	○
	CE50-24/E		○	○	○
Other modules — Optoelectronic isolatedconverter	RS232-RS422\485		○	○	○
Other modules — Optoelectronic isolated signal multiplier	RS-422\485		○	○	○
Long-distance monitoring software	Gree AC Eudemon 2009*	FE30-00/A(M)	○	○	○
BMS accessories	Communication module (modbus)	ME30-00/E2	○	○	○

Note:
● means standard, ○ means optional.
* If Long-distance monitoring software Gree Eudemon 2009 is selected,the communication module ME30-00/E2 shall be selected also.
The quantity of the module shall be confirm according to the quantinty of outdoor units.

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Light Commercial

U-Match

R410A

Fixed Frequency 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.

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

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

CE

Indoor Unit

Duct type

- 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.
- All kinds of air freshener can be installed in the filter, such as catechin

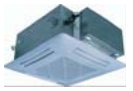
Floor ceiling type

- 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℃~43℃
Heating	7	6	20	15	10℃~24℃

Units Lineup

Capacity Index (Btu/h)		18K	24K	30K	36K
Outdoor Unit					
Indoor Unit	Duct				
	Duct Type with water pump				
	Cassette				

Capacity Index (Btu/h)		42K	48K	60K	
Outdoor Unit					
Indoor Unit	Duct				
	Duct Type with water pump				
	Cassette				

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Model	Outdoor Unit			GUHN18NK3HO				GUHN24NK3HO			
	Indoor Unit			Duct	Duct with water Pump	Cassette	Floor ceiling	Duct	Duct with water Pump	Cassette	Floor ceiling
				GFH18K3HI	GFH18K3H1I	GKH18K3HI	GTH18K3HI *	GFH24K3HI	GFH24K3H1I	GKH24K3HI	GTH24K3HI *
Capacity	Cooling		W	5000	5000	5000	5000	7000	7000	7000	7000
			Btu/h	17000	17000	17000	17060	23800	23800	23800	23880
	Heating		W	5400	5400	5400	5700	7600	7600	7600	8000
			Btu/h	18360	18360	18360	19450	25840	25840	25840	27300
EER/C.O.P			W/W	2.50/2.84	2.50/2.84	2.50/2.84	2.46/2.75	2.80/3.23	2.80/3.23	2.80/3.16	2.68/3.09
Power Supply			Ph,V,Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50
Power Input		Cooling	kW	2	2	2	2	2.5	2.5	2.5	2.6
		Heating	kW	1.9	1.9	1.9	2.1	2.35	2.35	2.4	2.6
Current Input		Cooling	A	9.2	9.2	9.2	9.3	12	12	11.4	11.8
		Heating	A	8.2	8.2	8.6	9.5	10.5	10.5	10.4	11.7
Refrigerant charge volume			kg	1.3	1.3	1.3	1.5	1.5	1.5	1.5	2.2
Indoor Unit	Air flow volume(H/M/L)		m³/h	720/660/540/420	720/660/540/420	720/640/580/520	700/640/570	1250/1000/780/660	1250/1000/780/660	1470/1300/1220/1170	1170/1080/1000
	ESP	Rated	Pa	25	25	0	0	25	25	0	0
		Range	Pa	0-30	0-30	0	0	0-30	0-30	0	0
	Sound Pressure Level(H/M/L)		dB(A)	36/33/30/29	36/33/30/29	50/49/47/46	54/50/46	46/44/42/36	46/44/42/36	50/48/47/46	50/48/46
	Dimen-sion(W×D×H)	Outline	mm	1015×720×275	1015×720×275	665×595×240	1200× 665×245	1260×555×270	1260×555×270	840×840×240	1200× 665×245
		Package	mm	1120×795×308	1120×795×308	775×735×285	/	1345×594×268	1345×594×268	960×960×310	/
	Net Weight/Gross Weight		kg	31/37	32/38	20/25	26/33	26/39	27/40	27/35	33/40
Panel	Dimen-sion(W×D×H)	Outline	mm	/	/	670×670×50	/	/	/	950×950×60	/
		Package	mm	/	/	760×760×90	/	/	/	1030×1035×118	/
	Net Weight/Gross Weight		kg	/	/	3.5/5.0	/	/	/	7/11	/
Outdoor Unit	Sound Pressure Level(H/M/L)		dB(A)	56	56	56	56	59	59	59	59
	Dimension (W×D×H)	Outline	mm	955×395×700	955×395×700	955×395×700	955×395×700	955×395×700	955×395×700	955×395×700	955×395×700
		Package	mm	1026×455×735	1026×455×735	1026×455×735	1026×455×735	1026×455×735	1026×455×735	1026×455×735	1026×455×735
	Net Weight/Gross Weight		kg	53/58	53/58	53/58	53/58	61/66	61/66	61/66	61/66
Connection Pipe	Outter diameter	Liquid	inch	1 月 4 日	1 月 4 日	1 月 4 日	1 月 4 日	3/8	3/8	3/8	3/8
		Gas	inch	1 月 2 日	1 月 2 日	1 月 2 日	1 月 2 日	5/8	5/8	5/8	5/8
	Max.distance	Height/Length	m	15/15	15/15	15/15	15/15	15/15	15/15	15/15	15/15
Loading quantity		40' GP/40' HQ	set	194/220	194/220	267/288	/	216/243	216/243	116/133	/

This Product with * is under development. The parameters are estimated.
Please refer to the value on the nameplates.

Model	Outdoor Unit			GUHN30NK3HO				GUHN36NM3HO			
	Indoor Unit			Duct	Duct with water Pump	Cassette	Floor ceiling	Duct	Duct with water Pump	Cassette	Floor ceiling
				GFH30K3HI	GFH30K3H1I	GKH30K3HI	GTH30K3HI *	GFH36K3HI	GFH36K3H1I	GKH36K3HI	GTH36K3HI *
Capacity	Cooling		W	8300	8300	8500	8500	10000	10000	10000	9800
			Btu/h	28220	28220	28900	30030	34000	34000	34000	33430
	Heating		W	8500	8500	9000	9800	11500	11500	11500	10780
			Btu/h	28900	28900	30600	33440	39100	39100	39100	36780
EER/C.O.P			W/W	3.07/3.26	3.07/3.26	3.26/3.60	2.93/3.44	2.77/3.48	2.77/3.48	2.85/3.48	2.72/3.27
Power Supply			Ph,V,Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	3,380-415,50	3,380-415,50	3,380-415,50	3,380-415,50
Power Input		Cooling	kW	2.7	2.7	2.6	3.0	3.6	3.6	3.5	3.6
		Heating	kW	2.6	2.6	2.5	2.9	3.3	3.3	3.3	3.3
Current Input		Cooling	A	12.5	12.5	11.4	13.6	7.6	7.6	7.5	6.7
		Heating	A	12	12	10.8	13.6	7.2	7.2	7.2	6.0
Refrigerant charge volume			kg	1.8	1.8	1.8	3	2.2	2.2	2.2	3.2
Indoor Unit	Air flow volume(H/M/L)		m³/h	1400/1370/1250/1150	1400/1370/1250/1150	1500//1450/1400/1370	1600/1450/1300	2100/2030/1860/1730	2100/2030/1860/1730	1650/1610/1500/1300	1800/1630/1520
	ESP	Rated	Pa	37	37	0	0	37	37	0	0
		Range	Pa	0-75	0-75	0	0	0-100	0-100	0	0
	Sound Pressure Level(H/M/L)		dB(A)	47/46/45/44	47/46/45/44	51/50/49/48	52/51/49	51/48/46/44	51/48/46/44	52/47/46/43	54/51/48
	Dimen-sion(W×D×H)	Outline	mm	1260×555×270	1260×555×270	840×840×240	1200× 665×245	1230×790×290	1230×790×290	850×850×325	1200× 665×245
		Package	mm	1345×594×268	1345×594×268	960×960×310	/	1335×834×290	1335×834×290	960×960×394	/
	Net Weight/Gross Weight		kg	26/39	27/40	27/35	48/58	46/52	47/53	32/41	48/58
Panel	Dimen-sion(W×D×H)	Outline	mm	/	/	950×950×60	/	/	/	950×950×60	/
		Package	mm	/	/	1030×1035×118	/	/	/	1030×1035×118	/
	Net Weight/Gross Weight		kg	/	/	7/11	/	/	/	7/11	/
Outdoor Unit	Sound Pressure Level(H/M/L)		dB(A)	59	59	59	59	60	60	60	60
	Dimension (W×D×H)	Outline	mm	980×425×790	980×425×790	980×425×790	980×425×790	980×425×790	980×425×790	980×425×790	980×425×790
		Package	mm	1080×485×840	1080×485×840	1080×485×840	1080×485×840	1080×485×840	1080×485×840	1080×485×840	1080×485×840
	Net Weight/Gross Weight		kg	69/74	69/74	69/74	69/74	69/74	69/74	69/74	69/74
Connection Pipe	Outter diameter	Liquid	inch	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
		Gas	inch	5/8	5/8	5/8	5/8	3/4	3/4	3/4	3/4
	Max.distance	Height/Length	m	15/30	15/30	15/30	15/30	15/30	15/30	15/30	30/50
Loading quantity		40' GP/40' HQ	set	216/243	216/243	116/133	/	147/168	147/168	93/111	/

This Product with * is under development. The parameters are estimated.
Please refer to the value on the nameplates.

Model	Outdoor Unit			GUHN42NM3HO				GUHN48NM3HO			
	Indoor Unit			Duct	Duct with water Pump	Cassette	Floor ceiling	Duct	Duct with water Pump	Cassette	Floor ceiling
				GFH42K3HI	GFH42K3H1I	GKH42K3HI	GTH42K3HI *	GFH48K3HI	GFH48K3H1I	GKH48K3HI	GTH48K3HI *
Capacity	Cooling		W	12000	12000	12000	12000	14000	14000	14000	13200
			Btu/h	40800	40800	40800	40940	47600	47600	47600	45040
	Heating		W	13500	13500	13500	14000	15000	15000	14800	14500
			Btu/h	45900	45900	45900	47770	51000	51000	50320	49470
EER/C.O.P			W/W	2.73/3.33	2.73/3.33	2.86/3.38	2.50/2.98	2.80/3.19	2.80/3.19	2.91/3.02	2.64/3.02
Power Supply			Ph,V,Hz	3,380-415,50	3,380-415,50	3,380-415,50	3,380-415,50	3,380-415,50	3,380-415,50	3,380-415,50	3,380-415,50
Power Input		Cooling	kW	4.4	4.4	4.2	4.8	5	5	4.8	5.0
		Heating	kW	4.05	4.05	4	4.7	4.7	4.7	4.9	4.8
Current Input		Cooling	A	8.5	8.5	8	8.7	10.8	10.8	9.4	9.0
		Heating	A	8.2	8.2	7.8	8.5	10.5	10.5	9.6	8.7
Refrigerant charge volume			kg	3.3	3.3	3.3	3.55	3.7	3.7	3.7	3.8
Indoor Unit	Air flow volume(H/M/L)		m³/h	2100/2030/1860/1730	2100/2030/1860/1730	1650/1610/1500/1300	1800/1630/1520	2300/2100/1750/1750	2300/2100/1750/1750	1650/1610/1500/1300	2100/1900/1800
	ESP	Rated	Pa	37	37	0	0	37	37	0	0
		Range	Pa	0-100	0-100	0	0	0-100	0-100	0	0
	Sound Pressure Level(H/M/L)		dB(A)	51/48/46/44	51/48/46/44	52/47/46/43	54/51/48	55/52/48	55/52/48	52/47/46/43	58/55/52
	Dimen-sion(W×D×H)	Outline	mm	1230×790×290	1230×790×290	850×850×325	1570× 665×245	1230×790×290	1230×790×290	850×850×325	1570× 665×245
		Package	mm	1335×834×290	1335×834×290	960×960×394	/	1335×834×290	1335×834×290	960×960×394	/
	Net Weight/Gross Weight		kg	47/54	47/54	32/41	48/58	53/60	53/60	33/42	48/58
Panel	Dimen-sion(W×D×H)	Outline	mm	/	/	950×950×60	/	/	/	950×950×60	/
		Package	mm	/	/	1030×1035×118	/	/	/	1030×1035×118	/
	Net Weight/Gross Weight		kg	/	/	7/11	/	/	/	7/11	/
Outdoor Unit	Sound Pressure Level(H/M/L)		dB(A)	60	60	60	60	60	60	60	63
	Dimension (W×D×H)	Outline	mm	1120×440×1100	1120×440×1100	1120×440×1100	1120×440×1100	1120×440×1100	1120×440×1100	1120×440×1100	1120×440×1100
		Package	mm	1155×480×1115	1155×480×1115	1155×480×1115	1155×480×1115	1155×480×1115	1155×480×1115	1155×480×1115	1155×480×1115
	Net Weight/Gross Weight		kg	100/112	100/112	100/112	100/112	103/115	103/115	103/115	103/115
Connection Pipe	Outter diameter	Liquid	inch	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
		Gas	inch	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
	Max.distance	Height/Length	m	30/30	30/30	30/30	30/50	30/30	30/30	30/30	30/50
Loading quantity		40' GP/40' HQ	set	147/168	147/168	93/111	/	147/168	147/168	93/111	/

This Product with * is under development. The parameters are estimated.
Please refer to the value on the nameplates.

Model	Outdoor Unit			GUHN60NM3HO			
	Indoor Unit			Duct	Duct with water Pump	Cassette	Floor ceiling
				GFH60K3HI	GFH60K3H1I	GKH60K3HI	GTH60K3HI *
Capacity	Cooling		W	16000	16000	15000	15500
			Btu/h	54400	54400	51000	52800
	Heating		W	18000	18000	16800	18500
			Btu/h	61200	61200	57120	63120
EER/C.O.P			W/W	2.85/3.46	2.85/3.46	2.83/3.23	2.58/3.49
Power Supply			Ph,V,Hz	3,380-415,50	3,380-415,50	3,380-415,50	3,380-415,50
Power Input Heating		Cooling	kW	5.6	5.6	5.3	6.0
		kW		5.2	5.2	5.2	5.3
Current Input Heating		Cooling	A	11.6	11.6	10.5	10.9
		A		11.4	11.4	10.3	9.6
Refrigerant charge volume			kg	4.1	4.1	4.1	4.5
Indoor Unit	Air flow volume(H/M/L)		m³/h	2500/2300/1900/1900	2500/2300/1900/1900	1800/1750/16501450	/
	ESP	Rated	Pa	50	50	0	0
		Range	Pa	0-100	0-100	0	0
	Sound Pressure Level(H/M/L)		dB(A)	56/52/50/49	56/52/50/49	53/52/50/48	58/55/52
	Dimen-sion(W×D×H)	Outline	mm	1235×830×330	1235×830×330	840×840×290	1570× 665×245
		Package	mm	1335×882×330	1335×882×330	960×960×364	/
	Net Weight/Gross Weight		kg	56/64	56/64	37/46	/
Panel	Dimen-sion(W×D×H)	Outline	mm	/	/	950×950×60	/
		Package	mm	/	/	1030×1035×118	/
	Net Weight/Gross Weight		kg	/	/	7/11	/
Outdoor Unit	Sound Pressure Level(H/M/L)		dB(A)	61	61	61	64
	Dimension (W×D×H)	Outline	mm	980×410×1350	980×410×1350	980×410×1350	980×410×1350
		Package	mm	1024×440×1380	1024×440×1380	1024×440×1380	1024×440×1380
	Net Weight/Gross Weight		kg	118/129	118/129	118/129	118/129
Connection Pipe	Outter diameter	Liquid	inch	1/2	1/2	1/2	1/2
		Gas	inch	3/4	3/4	3/4	3/4
	Max.distance	Height/Length	m	30/30	30/30	30/30	30/50
Loading quantity		40' GP/40' HQ	set	126/147	126/147	93/111	/

This Product with * is under development. The parameters are estimated.
Please refer to the value on the nameplates.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html