

Note:

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RAC

NORTH AMERICA

2024

ABOUT KINGHOME

Kinghome is a brand of Gree. Gree Electric Appliances, Inc. of Zhuhai was founded in 1991 and it was listed on the Shenzhen Stock Exchange in November 1996. In the beginning, Gree was only a company that assembled residential air conditioners. Now it has grown into a diversified technological global industrial group that has expanded its business to air conditioners, home appliances, high-end equipment, and communication equipment. Gree products are sold widely to more than 200 countries and regions.

Thanks to 300 million users ' choices, Gree products are widely sold in more than 200 countries and regions. Today Gree's annual production capacity of RAC and CAC is more than 66 millions of sets respectively.

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

2023

Gree entered into the list of Forbes Global 2000 again and ranked 331, up 25 places compared with the previous year.

2022

Gree has ranked the 487th on the list of Fortune Global 500.

2019

Gree has ranked the 414th on the list of Fortune Global 500.

2018

Gree entered into the list of Forbes Global 2000 again and ranked No. 294, moving up 70 places compared with the previous year.

Gree ' s sales revenue exceeded 30.23 billion USD.

2017

Gree's sales revenue exceeded 22.21 billion USD.

2016

Gree's sales revenue exceeded 16.51 billion USD.

2015

Gree's sales revenue exceeded 15.08 billion USD.



Claim: “Gree is the number one brand of air conditioners in the world in 2022”

Footnote: “Source Euromonitor International Limited; Consumer appliances 2023ed; retail volume sales in units, 2022 data.”



Source Euromonitor International Limited;
Consumer appliances 2023ed;
retail volume sales in units, 2022 data.



GREE ENTERED INTO THE LIST OF
FORBES GLOBAL 2000
 AGAIN AND RANKED
NO. 331

AWARDS AND CERTIFICATES

CONTENT



ISO 9001 Quality System Certificate



ISO 14001 Environment Management System Certificate



ISO 45001 Occupational Health and Safety System Certificate



CSA Certificate



Germany TÜV Certificate



CCC Certificate



Australia RCM Certificate



CQC Certificate



European Communities CE Certificate



UL Certificate



Energy Conservation Certificate



EQM



SASO Certificate



Mexico NOM Safety Certificate



ETL Certificate



Australia SAA Certificate



Germany GS Certificate



MCS Certificate



EUROVENT



GCC Certificate



HongKong EMSD Certificate



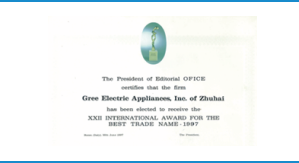
HongKong Safety Certificate



KeyMark Certificate



Thailand TISI Certificate



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ULTRANIXX

G-MAX Outdoor Units

■ MAX Convenience -- High Loading Capacity and Easy Installation

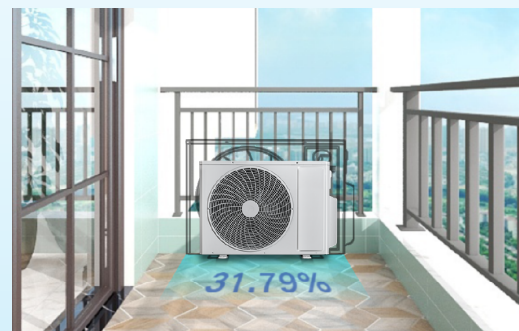
· High loading capacity

359 sets/HQ loading capacity for G-MAX (0.75P) in sea transportation, which is market-leading and effectively reduces the costs of transportation and storage.



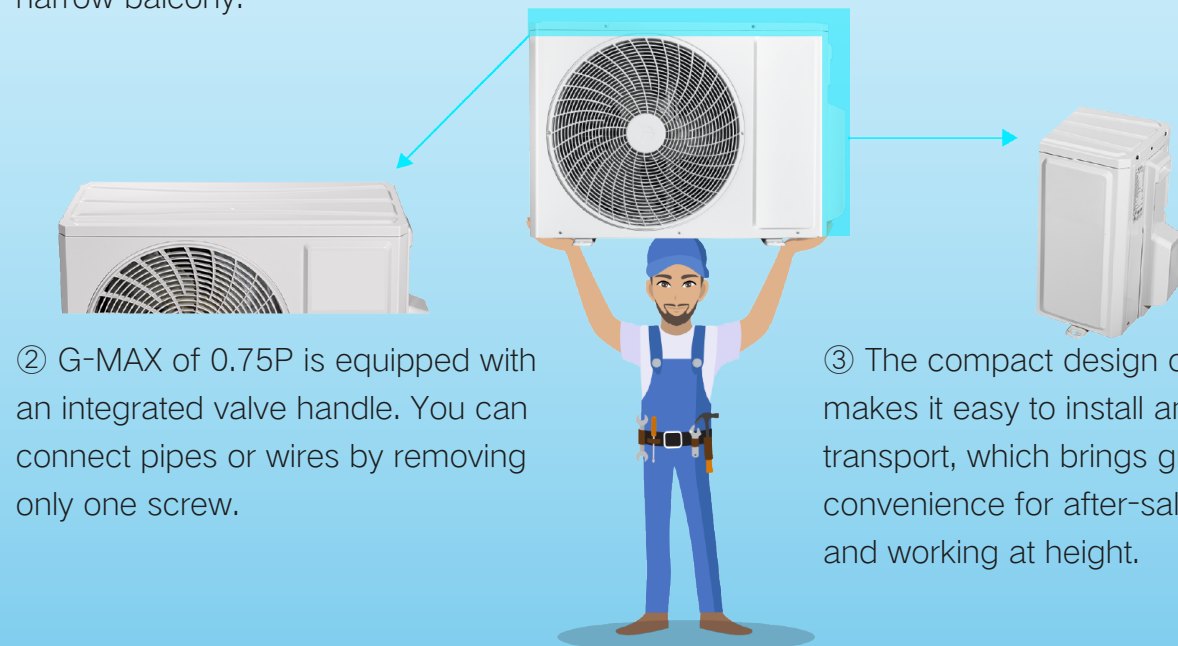
· Compact size

The size of the outdoor unit is reduced by 31.79% at most, which makes it easy to install even at a narrow balcony.



· Easy installation and maintenance

① G-MAX (except 1P) allows you to replace the main board by only removing the top cover, which is suitable for working at high places or in small installation space such as a narrow balcony.



② G-MAX of 0.75P is equipped with an integrated valve handle. You can connect pipes or wires by removing only one screw.

③ The compact design of G-MAX makes it easy to install and transport, which brings great convenience for after-sales service and working at height.

■ MAX Guard -- 6 Anti-corrosion Measures

· 6 anti-corrosion measures, for all-round protection, longer service life and less maintenance

① Anti-corrosion protection of fins (optional): gold and black fins with better anti-corrosion performance;

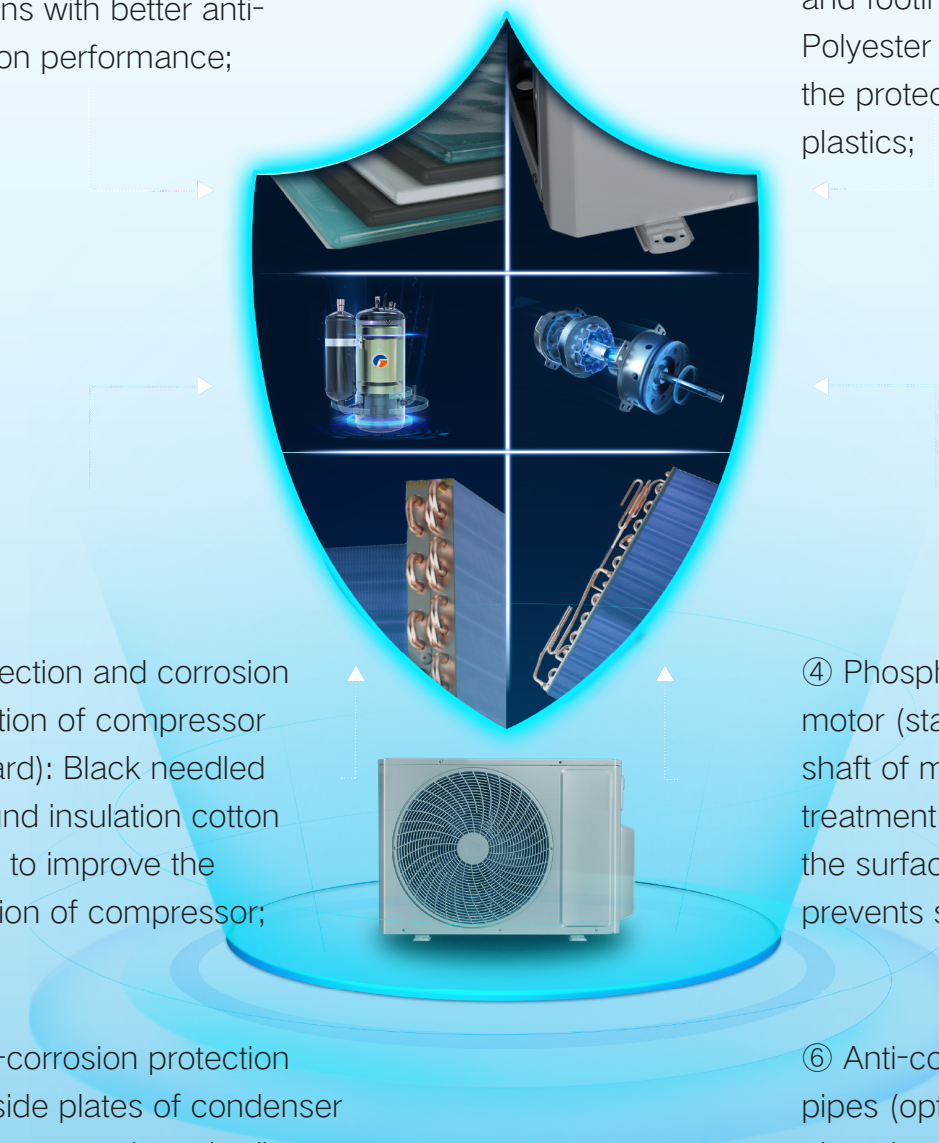
② Anti-corrosion protection of sheet metal parts, chassis and footings (standard): Polyester powder is used as the protection of spraying plastics;

③ Protection and corrosion prevention of compressor (standard): Black needled felt sound insulation cotton is used to improve the protection of compressor;

④ Phosphating treatment of motor (standard): The rotating shaft of motor receives the treatment of phosphating on the surface, which effectively prevents salt spray corrosion;

⑤ Anti-corrosion protection of the side plates of condenser and evaporator (standard): hot galvanized plate with better anti-corrosion performance;


⑥ Anti-corrosion protection of pipes (optional): epoxy zinc phosphate coating, served as a protective film on the surface of the pipes;





G-cloud and Google Assistant Cloud Connection


Google Assistant is usually considered as an upgraded or extended version of Google Now and an extended version of the existing "OK Google" voice control.


Google Assistant can cover all the voice commands, voice search, voice-activation device control functions involved in Google Now or "OK Google", and integrate them into a personal-centered interactive dialogue AI experience.



Timer


Wifi control


Voice interaction

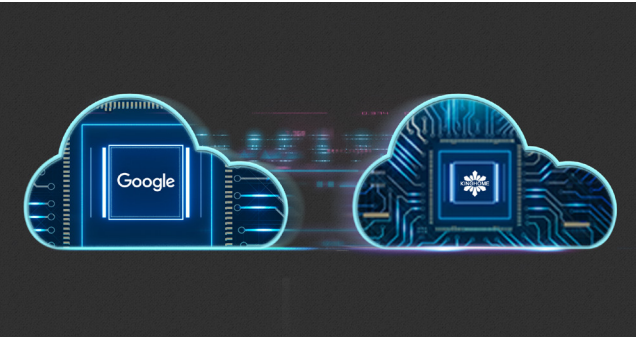

Smart on demand


Music display


Life helper

Principle of Connection between G-cloud and Google Assistant Cloud

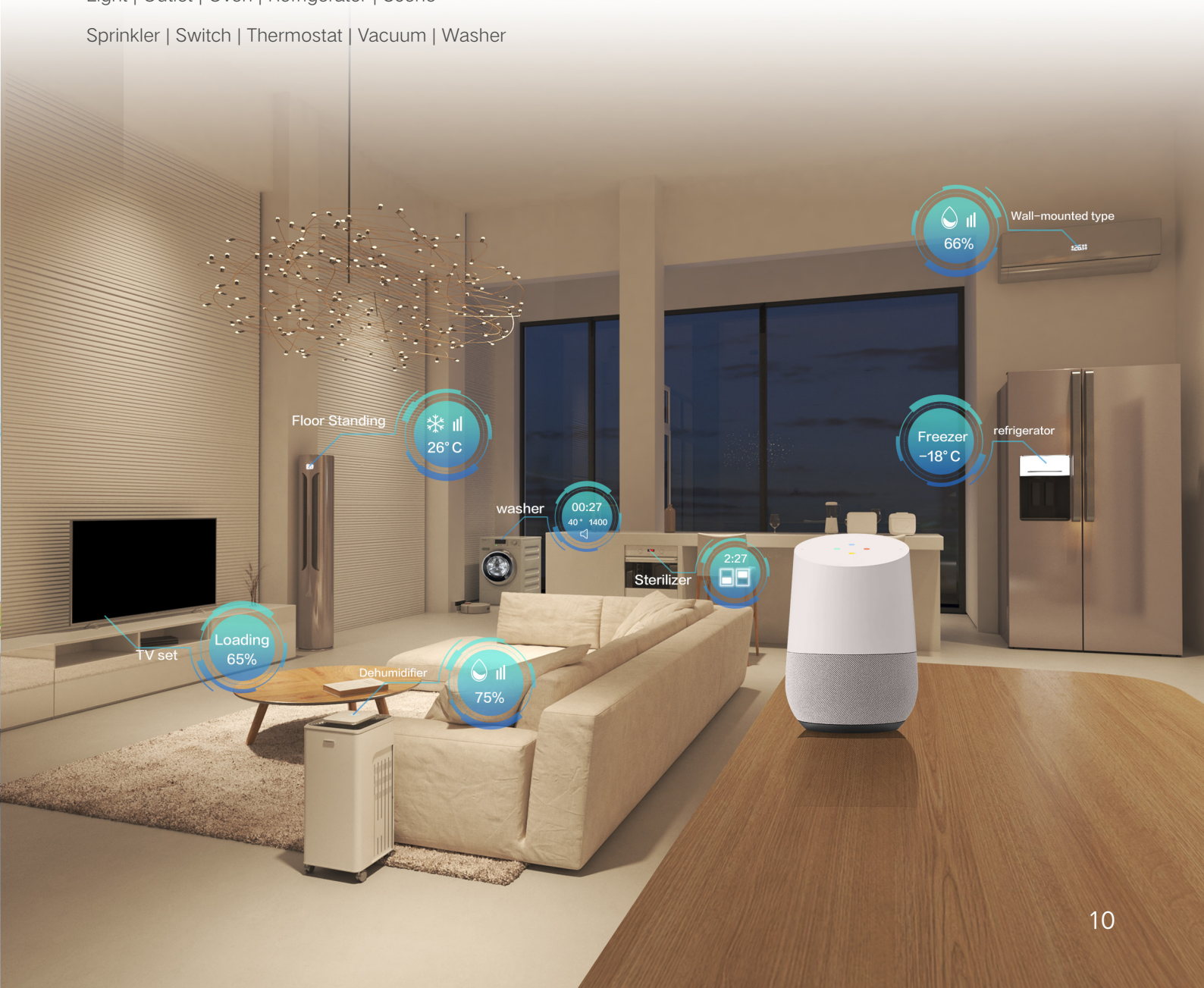
Data Synchronism, Query Device Status, Execute Command provides continuous harmonization of data over time. A voice command "turn on the lights" in the kitchen and a third-party device can handle the commands.



How to Access Google Speakers and Google Home

Configure Google Home and add devices to Home Control, bind the Smart Life app account, use Google Home App to control the smart devices—voice command.etc." Set living room AC mode to cool".

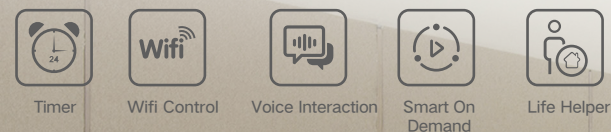
- Air conditioning unit | Air Freshener | Air purifier | Blinds | Camera
- Dishwasher | Dryer | Fan | Fireplace | Heater
- Light | Outlet | Oven | Refrigerator | Scene
- Sprinkler | Switch | Thermostat | Vacuum | Washer



Smart voice control to free your hands

Smart voice speaker control supported, and Google Assistant or Amazon Alexa are compatible.

When you give a command, the Google Assistant or Amazon Alexa will send the command to the air conditioners. Without remote controllers, you can enjoy intelligent life anytime and anywhere in your house.



Floor-standing Unit



open the AC



Simple Remote Controller - YAY1F

► MODE

Press this button to select your required operation mode.



► FAN

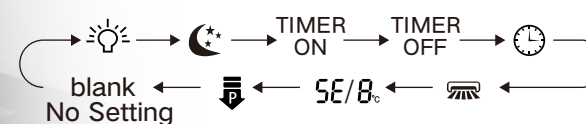
This button is used for setting Fan Speed in the sequence that goes from AUTO, , , , to , then back to Auto.

► + & -

Press "+" or "-" button once increase or decrease set temperature 1°C (°F). When setting TIMER ON, TIMER OFF or CLOCK, press "+" or "-" button to adjust time. Holding "+" or "-" button, 2s later, set temperature on remote controller will change quickly.

► MENU

Press this button to select submenu function and then press "SET" button to set the function status of submenu, including Light Function, Sleep Function, TIMER ON and TIMER OFF Function, CLOCK Function, Light & right Swing Function, Energy-saving Function/ 8°C-heating Function, Power Limiting Function.



► SWING

Press this button can select up & down swing angle. When selecting " ", air conditioner is blowing fan automatically. Horizontal louver will automatically swing up & down at maximum angle.

► TURBO

Under COOL or HEAT mode, press this button to turn to quick COOL or quick HEAT mode. " " icon is displayed on remote controller. Press this button again to exit turbo function and " " icon will disappear.

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

Gree self-developed technology "triple-cylinder two-stage rotary compressor of variable volume ratio" achieves reliable heating performance in ultra-low ambient temperature. This technology improves the heating capacity of the air conditioners in an extreme cold environment greatly. Heating capacity will not be decreased even when outdoor ambient temperature is as low as -4 °F. It's accredited by the expert team as a "world leading" level.

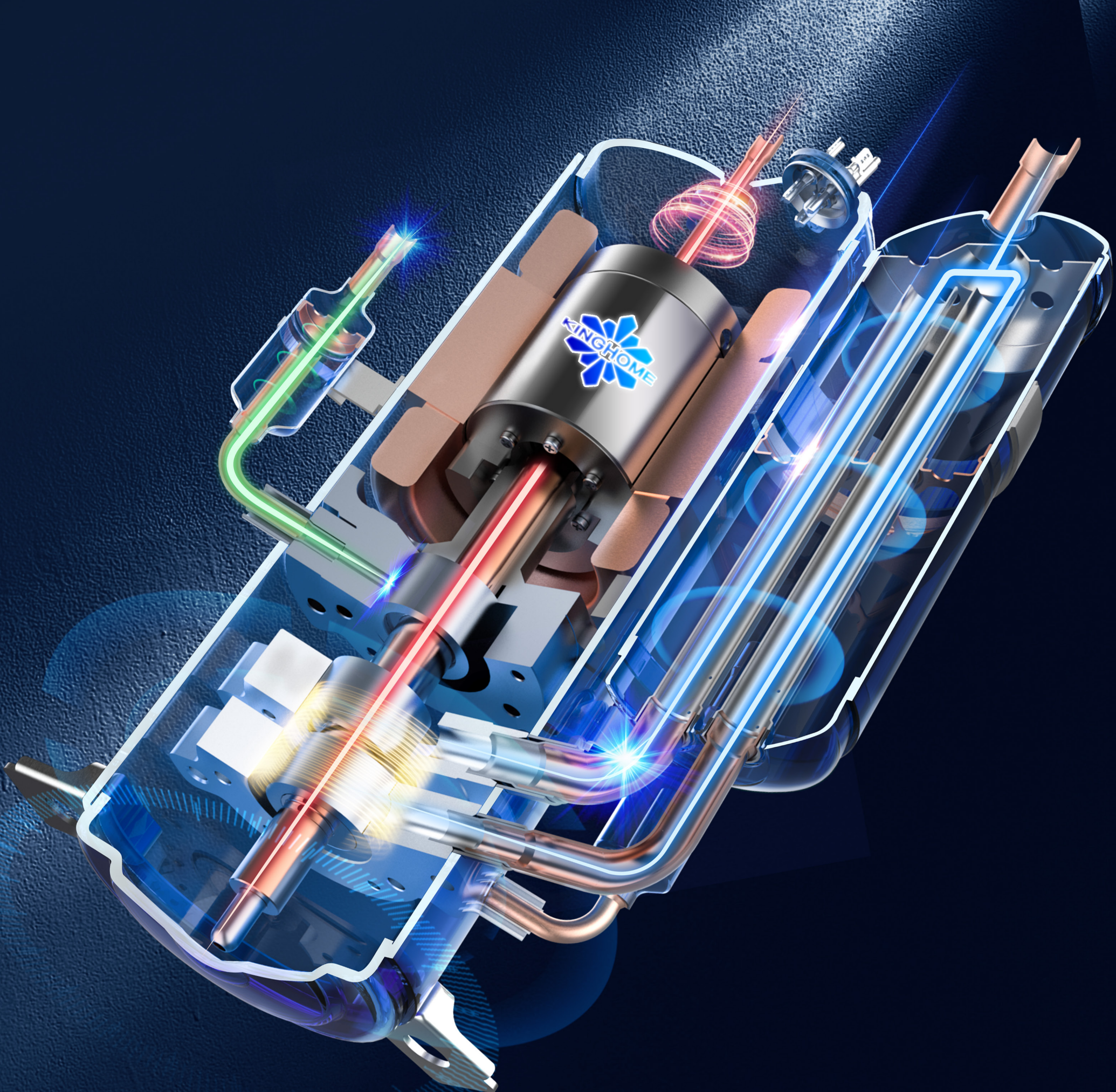
Two-stage Compressor



20% ↑

Under low temperature, the capacity of the two-stage compressor can be improved by 20%.

	Gree two-stage inverter compressor	Conventional inverter compressor
Applicable temperature range	<div><div>129.2°F</div><div>-22°F</div><div>Reliable operation within -22°F-129.2°F</div></div>	<div><div>109.4°F</div><div>5°F</div><div>Reliable operation within 5°F-109.4°F</div></div>
Cooling (heating) capacity	<div><div>↑ 30%</div><div>↑ 35%</div><div>Heating capacity is improved by 30% Cooling capacity is improved by 35%</div></div>	<div><div>Without Improvement</div><div>Heating capacity and cooling capacity are not improved</div></div>
Air outlet temperature	<div><div>125.6°F</div><div>53.6°F</div><div>The highest temperature at outlet is 125.6°F in heating mode; The lowest temperature at air outlet is 53.6°F in cooling mode.</div></div>	<div><div>140°F</div><div>62.6°F</div><div>The highest temperature at outlet is 140°F in heating mode; The lowest temperature at air outlet is 62.6°F in cooling mode.</div></div>

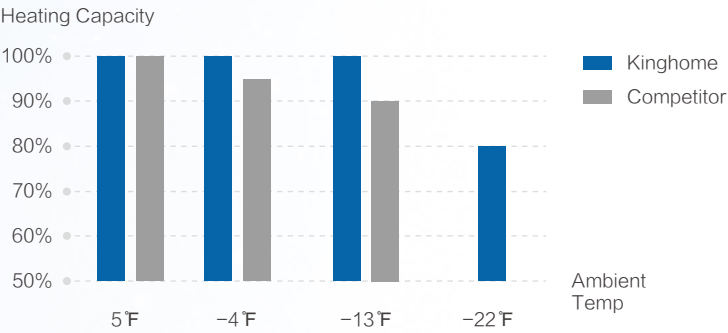


ULTRA LOW TEMPERATURE

Adopt core technology triple-cylinder compressor, "2+1 structure", which can work excellently in geographic areas with extreme climate conditions.

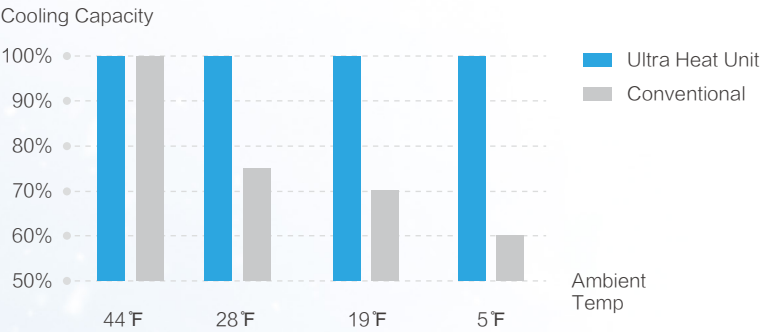
Heating

- 100% heating capacity to -4 °F
- 80% heating capacity to -22 °F
- Sustainable heating capacity to -31 °F



Cooling

Kinghome Ultra Heat Multi Zone , its capacity is improved maximum by 40% compared with conventional Multi Zone.



Application in Mongolia





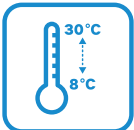

In the project “Low-temperature Air Source Heat Pump Heating Application and Demonstration in Mongolia” led by Doctor Kirk R. Smith, a fellow of NAS and the winner of the Nobel Peace Prize, this product is adopted in Ulan Bator, Mongolia with the lowest ambient temp. of -40 °F, solving the health problems brought by heating with coal in winter.







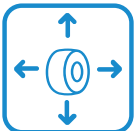
Icon Interpretation

Comfortable and User-friendly

 <p>3D Airflow</p>	The air guide louver can not only automatically swing up and down, but also left and right. It enables 3D airflow for wider air supply to enhance the comfort.	 <p>8°C Heating Mode</p>	Under heating mode, the unit operates at 8°C to ensure constant room temperature for maintaining comfort and saving energy.
 <p>Quiet Design</p>	Indoor unit operates at ultra low fan speed under this mode for the lowest noise, offering you a quiet environment for study and working.	 <p>Comfortable Sleeping Mode</p>	The unit slowly increases (cooling) or decreases (heating) the set temperature to satisfy the sleeping demand of users.
 <p>24-hour timer</p>	Timer: You can set the start and stop time by the remote controller, such as stop after 1.5h or start after 1.5h. (The setting can only take effect once)	 <p>Two-stage Compressor</p>	Under low temperature, the capacity of two-stage compress can be improved by 20%
 <p>I-Feel</p>	Do you always feel hot or cold when the unit has operated for a period of time? Is it very troublesome to adjust the temperature frequently? Now I-Feel function can solve this problem for well. One button for you to enjoy the comfortable life.	 <p>Three Sleep Modes</p>	The unit slowly increases (cooling) or decreases (heating) the set temperature to satisfy the sleeping demand of users.
 <p>Clock Timer</p>	Clock: You can set a certain time to start and stop by the remote controller, such as turn on the unit at 13:38 or turn it off at 16:38. (The setting can take effect before the next setting)	 <p>Dry Mode</p>	The air conditioner has dehumidification function and it can dehumidify during operation, which is convenient and fast.
 <p>Turbo</p>	In cooling or heating mode, press "Turbo" button on the remote controller for big air flow, which enables indoor temperature to reach the set one in a short time.	 <p>Auto Restart</p>	If the power supply is suddenly disconnected during the operation of air conditioner, the unit will save the operating state. After power recovery, it will automatically start and maintain the operating state before the power failure.
 <p>Fast Cooling</p>	Under Fast Cooling mode, the temperature in the room will be decreased quickly; 20min later, the temperature and fan speed will resume their settings in the previous cooling state.	 <p>Adjustable Temperature under Auto Mode</p>	Once auto mode is set, the unit can automatically adjust the temperature basing on the detected temperature. No need to switch cooling or heating mode when there is big temperature difference.


 <p>Vertical Auto Swing</p>	The unit can automatically swing up and down to enhance the comfort	 <p>Horizontal Auto Swing</p>	The unit can automatically swing left and right to enhance the comfort.
 <p>7 Fan Speeds</p>	Fan speed can be adjusted by a remote controller. Turbo fan speed can instantly change the room temperature, enabling you to feel the coolness immediately, while quiet fan speed enables you to enjoy the comfortable temperature quietly.	 <p>Long Air Supply Distance</p>	Air supply distance is up to 12m, delivering comfort to every corner.
 <p>8°C~30°C Adjustable Heating Mode</p>	The temperature can be adjusted from 8°C to 30°C in heating mode, the ultra-wide adjustable temperature range can bring more comfortable experience to our customer.	 <p>Multiple Fan Speeds</p>	The unit has 4 or 3 fan speeds--quiet, low, medium, high, which can satisfy various requirements.

Convenient

 <p>LED Display</p>	LED display can display clearly in front of a light source.	 <p>Key-card Control</p>	Gree air conditioner is equipped with key-card control function. Swiping the key-card can turn on the air conditioner; when the card is removed, the unit keeps working for 6mins and then stops operation.
 <p>Wired Control</p>	Gree smart centralized controller can control on/off, mode, temperature and timer of 36 unit at the most in a centralized way.	 <p>Concealed Handles</p>	Concealed handles for easy movement
 <p>Universal Castors</p>	Universal castors for easy movement		


Icon Interpretation

Intelligent Control




Off-line Voice Control

It can turn on or turn off the unit, and adjust the temperature, operation mode and swing mode by voice control.




Wifi Control

Achieve long-distance control of unit on and off, temperature and fan speed, etc. by APP in the mobile phone and wifi.




Two Modes of Buzzer Adjustable

The volume and the indication sound of the buzzer can be adjusted, no worry for disturbing daily life.




Anti-cold

First heating and then blowing for cold air prevention, more comfortable




Efficient Bluetooth Distribution Network

Using Bluetooth flash configuration, devices can automatically find nearby network connection, improve the success rate and reduce the steps of distribution network.




Smart Voice Control

Smart voice control is available; Google Assistant or Amazon Alexa are compatible.



Auto Light Sensor

The air conditioner can automatically sense the change of light in the environment and then intelligently adjust the display brightness.



High Efficiency


The air conditioner is designed to high energy efficiency and to realize power saving.

Healthy and Clean




Multi-functional Filters

Photocatalyst filter, HEPA filter, catechin filter, activated carbon filter, silver ion filter, etc.




X-fan

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




Real-time Monitoring of Air Quality

With a built-in dust sensor and 4-color light display, the unit can show the air quality of your room.




UV

LED ultraviolet lamp can emit strong ultraviolet light to inhibit the growth of bacteria and viruses. It has the advantages of small size, long life and no ozone generation.




Colasma Air Purification Technology

The cold plasma device generates positive and negative ions to kill the bacteria and then decompose them into water.




Self-cleaning

Condensate water mixes with the dust, and then the dust will be removed through defrosting ; after that, the temperature is increased to dry the evaporator for preventing the mildew and keeping the air clean.



Filter Cleaning Reminder


When the filters need to be cleaned, the dehumidifier or window air conditioner will automatically remind the user.



Ventilation


Indoor and outdoor air exchange for fresh indoor air

High-efficiency and Energy-saving




3DC Inverter

3DC inverter includes DC inverter compressor, high chamber and high-efficient DC motor, with superior performance.




Low Watt Intelligent Energy Saving

There are three gears for the power reduction function. Air conditioners can operate stably and reliably under different power output statuses at the areas with requirements for power limitation and energy conservation.



G-AI Energy-saving Technology

Air conditioners with G-AI energy-saving technology can learn environmental changes and customer needs dynamically, always implement the optimal control strategy to achieve energy saving and comfort.



Intelligent Defrosting















The unit can intelligently detect the frosting status and conduct defrosting rapidly to improve the heat dissipation efficiency.

Icon Interpretation

Safe and Reliable


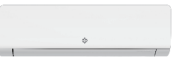


 <p>5-level Washing Water-electricity Separation</p>	All ventilated components can be disassembled and washed, including filter, swing mechanism, air outlet, fan blade, water channel and evaporator. All above are components without electricity, which are safe and reliable.	 <p>Anti-corrosion Fin</p>	The anti-corrosion fins adopt special anti-corrosion materials; corrosion resistance and acid resistance of air conditioner will be reinforced under the humid environment.
 <p>Wide Voltage Range</p>	The unit can operate stably under a wide voltage range, which is suitable for the regions with unstable power supply.	 <p>Low Voltage Startup</p>	The AC or dehumidifier can be normally started up even the voltage is 10% lower than the normal one, safe and stable.
 <p>Self-diagnosis</p>	Once wrong operation or failure happens, the unit will shut off automatically to protect the system. Meanwhile, protections or error codes will be displayed for maintenance.	 <p>Fire-proof Electric Box</p>	Electric box adopts new BMV fireproof material, safe and reliable.
 <p>Refrigerant Shortage Protection</p>	When the refrigerant is insufficient or the valve is blocked, indoor unit will display error code "F0" and stop operation to protect the unit.	 <p>Anti-corrosion Protection of Outdoor Unit</p>	Chassis, panel, side plate and top cover are sprayed with electrostatic powder to against the neutral salt spray.
 <p>3-layer Coating Protection for the Main Board</p>	It can bear 1000h neutral salt spray test, much safer and more reliable.	 <p>Anti-corrosion Protection of Tubes</p>	Epoxy zinc phosphate coating served as a protective film on the surface of the tubes.
 <p>Soft Start</p>	The rotation speed of inverter compressor increases step by step at the time of startup to prevent the power grid from excessive fluctuation for increasing the startup safety.	 <p>Child Lock</p>	When Child Lock function is activated, misoperation from children will be avoided. Potential risks can also be avoided.
 <p>Intelligent Auto-restart</p>	The Intelligent Auto-Restart function can start up each air conditioner with the starting time of second difference, so as to avoid the impact on the power grid	 <p>Continuous Drainage</p>	Compared with the traditional drainage by chassis, the high drop continuous drainage is more convenient for the installation of drainage pipes and the discharge of condensate water.

Dehumidifier

 <p>Continuous Dehumidification</p>	Dehumidifier can always be in continuous dehumidification state, without fear of environmental humidity changes.	 <p>Low Temperature Dehumidification</p>	Low temperature dehumidification and stable operating under 2°C.
 <p>Beep</p>	Touch sound can be turned off by pressing the button to ensure comfortable sleep.	 <p>External Drain Connector</p>	External drain connector, not to worry about leakage after pulling out the hose.
 <p>Auto Fan</p>	The dehumidifier has the function of auto fan, enables you to enjoy the dry and cool life at the same time.	 <p>Humidity Display</p>	Display the humidity on time to get the environment more quickly.
 <p>Intelligent Defrosting</p>	If the evaporator is frosted, the dehumidifier can defrost automatically and continue to run.	 <p>Touch Control</p>	Button-touch button instantly starts the sensory world, which brings excellent experience to consumers.
 <p>24h Preset</p>	The dehumidifier can preset dehumidification 24h in advance.	 <p>Removable Water Tank</p>	You can drain easily by removable water tank.
 <p>Filter Cleaning Reminder</p>	When the filters need to be cleaned, the dehumidifier or window air conditioner will automatically remind the user.	 <p>Water Full Indicator</p>	When the water tank is full, the dehumidifier will give an alarm and remind users to drain water.
 <p>Turbo Boost Clothes Drying System</p>	After the dehumidifier conducts fast drying and completes the drying, the indoor humidity will be kept in a certain degree to prevent clothes from mildewing.	 <p>Air Flow</p>	The dehumidifier has the function of air flow, you can enjoy the dry and cool life at the same time.

Products Overview

Wall-mounted Type





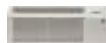

Name		Capacity (Btu/h)	9000	12000	18000	24000	30000	36000
LOTUS		DC Inverter , R410A	●	●	●	●		
DAISY		DC Inverter , R410A	●	●	●	●		
SUNFLOWER		DC Inverter , R410A	●	●	●	●	●	●
JASMINE		DC Inverter , R410A	●	●	●	●		


Light Commercial

Name	Capacity (Btu/h)	5000	7000	9000	12000	18000	24000	30000	36000	42000
Multi Zone (Regular)	DC Inverter, R410A	●	●			●	●	●	●	●
Multi Zone (Ultra Heat)		●	●			●	●		●	●
All-Match				●	●	●	●			
Name	Capacity (Btu/h)	24000		36000		48000		60000		
ULTRANIXX	DC Inverter, R410A	●		●		●		●		

Products Overview

Window Type

Name		Information	Capacity (Btu/h)										
			5000	6000	7000	8000	9000	10000	12000	14000	15000	18000	24000
Curve		On-Off, R32	●	●		●		●	●	●		●	●
Phoenix		DC inverte , R32					●						
Slide Casement		On-Off, R410A				●							
PTAC		DC inverter, R32					●		●		●		
PTAC		On-Off, R32			●		●		●		●		
TTW		On-Off, R32		●		●		●	●	●			

Name		Capacity (Btu/h)	7000	9000	12000	15000
PTAC		On-Off, R410A	●	●	●	●

Portable Type	Information	Capacity (Btu/h)				
		4000	5000	6000	8000	10000
Aomi	R32				●	●
Aovia	R32	●	●	●	●	
Vehicle AC	Information	14000		15000		18000
Gocool				●		
































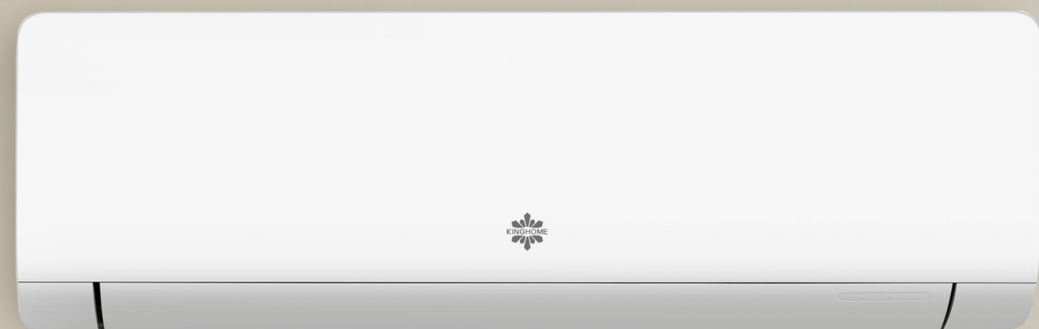
[Wall-mounted type]

LOTUS



Features: ☐ Standard ☐ Optional




























 3D Airflow	 LED Display	 LCD Display	 Multi Fan Speeds	 7 Fan Speeds	 Quiet Design	 24-hour Timer	 Clock Timer	 Child Lock
 Dry Mode	 Turbo	 Comfortable Sleeping Mode	 Three Sleep Modes	 Auto	 I-Feel	 Intelligent Auto-Restart	 X-Fan	 Anti-cold
 Auto Restart	 Wide Voltage Range	 Low Voltage Startup	 Self-Diagnosis	 Fire-proof Electric Box	 Refrigerant Shortage Protection	 Self-cleaning	 Soft Start	 Wifi
 Anti-corrosion Fin	 Anti-Corrosion Protection of Outdoor Unit							



[Wall-mounted type]

DAISY

Features: ☐ Standard ☐ Optional

 LED Display	 LCD Display	 Multiple Fan Speeds	 7 Fan Speeds	 Quiet Design	 24-hour Timer	 Clock Timer	 Child Lock	 Dry Mode
 Turbo	 Wifi	 Three Sleep Modes	 Auto	 I-Feel	 Intelligent Auto-Restart	 X-Fan	 Self-cleaning	 Auto Restart
 Wide Voltage Range	 Low Voltage Startup	 Self-Diagnosis	 Anti-Corrosion Protection of Outdoor Unit	 Soft Start	 Anti-cold	 Multi-Functional Filters	 Anti-corrosion Fin	 Fast Cooling



Features: ☐ Standard ☐ Optional

- | | | | | | | | | | |
|---|---|--|--|--|--|---|--|--|--|
| 
3D Airflow | 
LED Display | 
LCD Display | 
Multiple Fan Speeds | 
7 Fan Speeds | 
Quiet Design | 
24-hour Timer | 
Clock Timer | 
Child Lock | |
| 
Dry Mode | 
Turbo | 
Comfortable Sleeping Mode | 
Three Sleep Modes | 
Auto | 
I-Feel | 
Intelligent Auto-Restart | 
X-Fan | 
Self-cleaning | |
| 
Auto Restart | 
Wide Voltage Range | 
Low Voltage Startup | 
Self-Diagnosis | 
Fire-proof Electric Box | 
Refrigerant Shortage Protection | 
3DC Inverter | 
Soft Start | 
Anti-cold | |
| 
Wifi | 
Anti-corrosion Fin | 
Anti-Corrosion Protection of Outdoor Unit | 
Fast Cooling | | | | | | |

[Wall-mounted type]

SUNFLOWER

All Match

Sunflower outdoor unit can match with other indoor units. All Match makes your life more convenient.

	Sunflower Indoor unit	Duct	Cassette	Floor ceiling
Sunflower Outdoor unit	✓	✓	✓	✓































Note: This function is optional

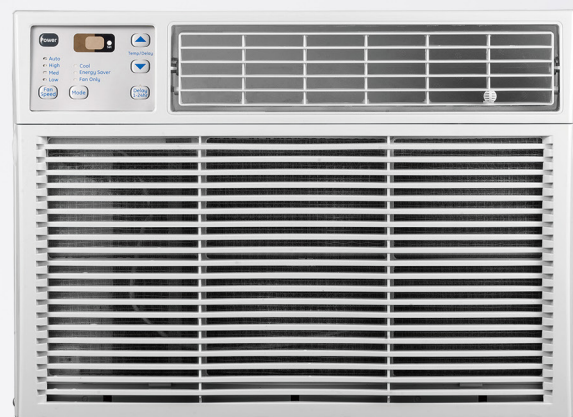


[Wall-mounted type]

JASMINE

Features: ☐ Standard ☐ Optional

- | | | | | | | | | |
|---|---|--|--|--|--|---|---|--|
| 
3D Airflow | 
LED Display | 
Multiple Fan Speeds | 
7 Fan Speeds | 
Quiet Design | 
24-hour Timer | 
Clock Timer | 
Child Lock | 
Dry Mode |
| 
Turbo | 
LCD Display | 
Comfortable Sleeping Mode | 
Three Sleep Modes | 
Auto | 
I-Feel | 
Intelligent Auto-Restart | 
X-Fan | 
Self-cleaning |
| 
Auto Restart | 
Wide Voltage Range | 
Low Voltage Startup | 
Self-Diagnosis | 
Fire-proof Electric Box | 
Refrigerant Shortage Protection | 
3DC Inverter | 
Soft Start | 
Anti-cold |
| 
Wifi | 
Anti-corrosion Fin | 
Anti-Corrosion Protection of Outdoor Unit | 
Fast Cooling | | | | | |



[Window Type]

CURVE

Features: ☐ Standard ☐ Optional



LED Display



Multiple Fan
Speeds



Comfortable
Sleeping Mode



Dry Mode



24-hour
Timer



Auto Restart



Self-Diagnosis



Child Lock



[Window Type]

SLIDE CASEMENT

Features: ☐ Standard ☐ Optional



LED Display



Ventilation



Multiple fan
speed



Quiet Design



Comfortable
Sleeping Mode



24-hour
Timer



Dry Mode



Auto Restart



Self-Diagnosis



Child Lock




I Feel



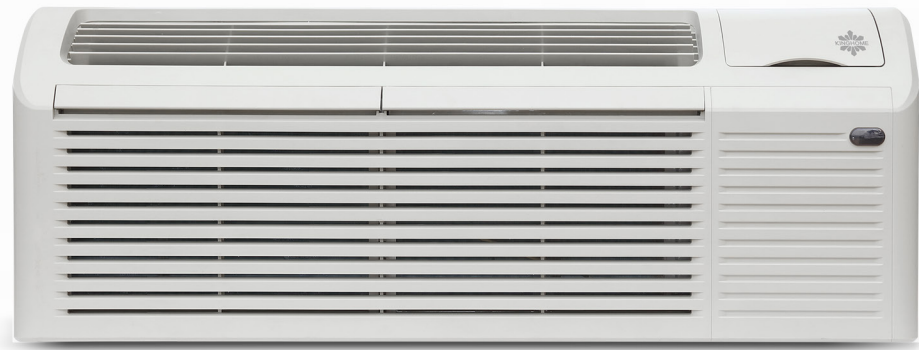
[Window Type]

PHOENIX

Features: ☐ Standard ☐ Optional

- | | | | | | | | | |
|---|---|--|---|--|--|---|--|---|
| 
LED Display | 
Two-stage Compressor | 
Multiple fan speed | 
Quiet Design | 
Comfortable Sleeping Mode | 
24-hour Timer | 
Dry Mode | 
Auto Restart | 
Self-Diagnosis |
| 
Soft Start | 
I Feel | 
Vertical Auto Swing | 
Wifi Control | 
Anti-cold | 
3DC Inverter | 
Intelligent Defrosting | 
High Efficiency | 
Filter Cleaning Reminder |
| 
Anti-corrosion Fin | 
Self-diagnosis | 
Refrigerant Shortage Protection | 
Adjustable Temperature under Auto Mode | | | | | |



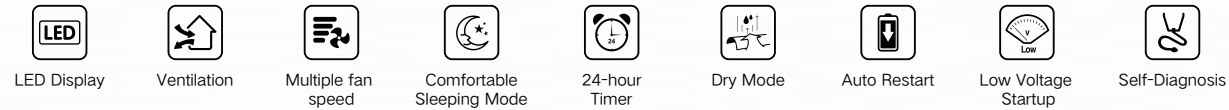


[Window Type]

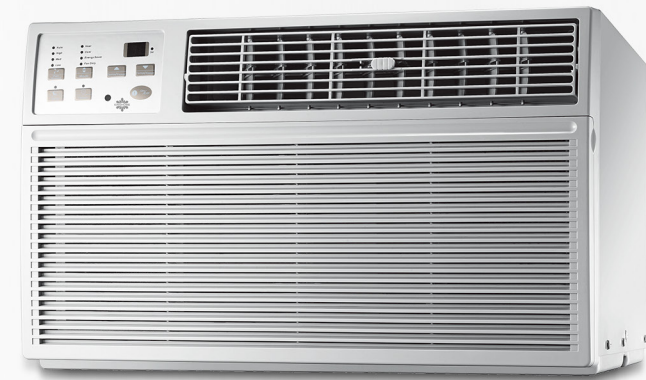
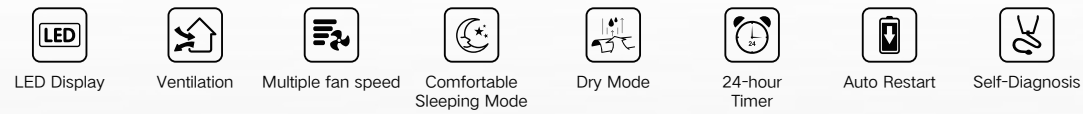
PTAC

Features: ☐ Standard ☐ Optional

• PTAC(Inverter)



• PTAC(On/Off)



[Window Type]

TTW













Features: ☐ Standard ☐ Optional



PORTABLE TYPE

Avoia












Features: ☐ Standard ☐ Optional

- 
Auto
- 
Vertical Auto Swing
- 
LED Display
- 
Dry Mode
- 
Comfortable Sleeping Mode
- 
24-hour Timer
- 
Self-Diagnosis
- 
Auto Restart
- 
Multiple fan speed
- 
X-fan
- 
Easy Roll Casters
- 
Multi-functional Filters



Aomi












Features: ☐ Standard ☐ Optional

- 
Vertical Auto Swing
- 
LED Display
- 
Dry Mode
- 
Comfortable Sleeping Mode
- 
24-hour Timer
- 
Self-Diagnosis
- 
Auto Restart
- 
Multiple fan speed
- 
X-fan
- 
Easy Roll Casters
- 
Multi-functional Filters



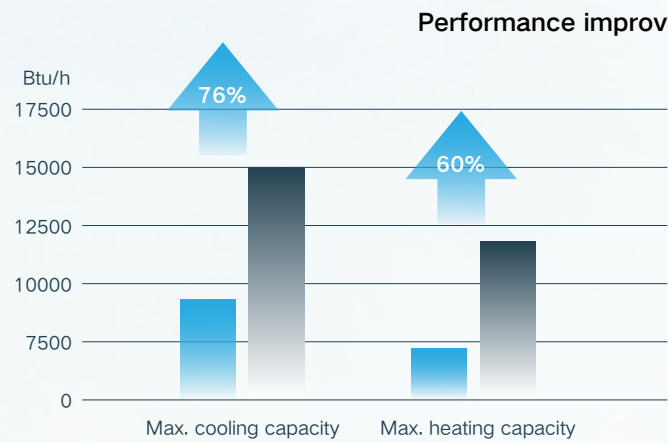
Kinghome Recreational Vehicle AC

Features: ☐ Standard ☐ Optional

- 
Multiple Fan Speeds
- 
Comfortable Sleeping Mode
- 
24-hour Timer
- 
Dry Mode
- 
Auto Restart
- 
Self-Diagnosis
- 
Filter Cleaning Reminder
- 
Anti-cold
- 
Turbo
- 
Fast Cooling
- 
Child lock

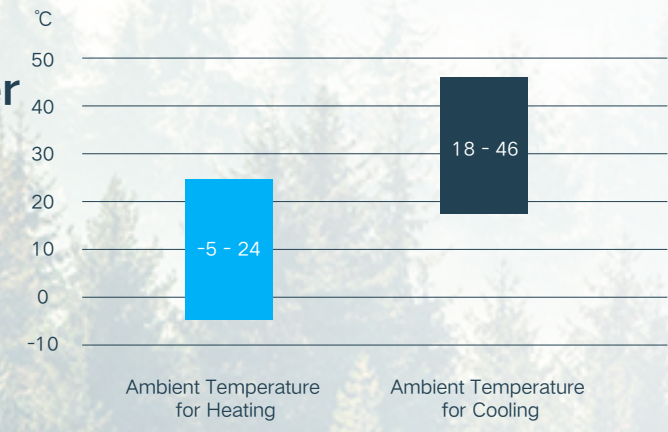
Strong Performance

Gocool adopts Landa new high-performance compressors, with higher cooling and heating capacity, bringing more comfort for your trip.



No Fear for Extreme Weather

Even under extreme weather conditions such as scorching heat and bitter cold, Gocool can still work effectively, with no fear for deserts or snowfields, which is great for travel.





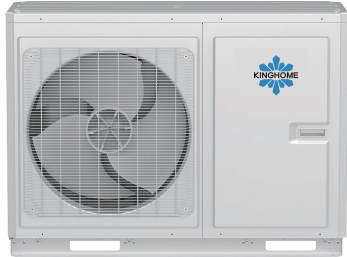
Kinghome Recreational Vehicle AC


VERSATI IV (Monobloc Type)

R32


INVERTER

VERSATI, a DC inverter multifunctional air-to-water heat pump designed with advanced heat pump technologies , absorbs natural heat from the ambient air and then release heat to water. It can not only perform air heating but also air cooling.







Inner groove copper




Quiet function




Weekly timer




Low temperature heating




Key-card control




Comprehensive protection




24-hour timer




Child lock




Wide operation range




Wide voltage range




Self-diagnosis




Low voltage startup




Memory function




Intelligent defrosting




°C/°F switch



Clock display



Long-distance monitoring



Golden fin condenser

- It adopts the two-stage compressor technology to improve the heating capacity and energy efficiency under low temperature, with A7W35 COP up to 5.4, and average climate SCOP 35°C, A+++.
- It can work together with fan coil units, heat radiators and under-floor coils for air cooling and heating.
- Versati is equipped with a 5-inch high-definition LCD touch screen, which provides 21 languages for users from different countries and regions.
- Users can set the relationship between ambient temperautre and room temperature. The targeted room temperature will change accordingly with room load and ambient temperature change so as to bring com- fort to users and achieve energy saving.
- Users can set the quiet time like all day long or night time only, to improve the comfort.

Item	Water Side	Heat Source/User Side
	Leaving Water Temperature(°C)	Environment Dry Bulb Temperature(°C)
Cooling	5~25	-15~48
Heating	20~65	-25~35

Specifications

Model			KRS-CQ12Pd/NhG3-D	KRS-CQ14Pd/NhG3-D	KRS-CQ16Pd/NhG3-D
Capacity(Floor)	Cooling	kW	12.00	13.70	15.50
	Heating	kW	12.00	14.20	15.70
Power input(Floor)	Cooling	kW	2.45	3.00	3.60
	Heating	kW	2.43	2.99	3.45
EER(Floor Cooling)		W/W	4.90	4.57	4.31
COP(Floor Heating)		W/W	4.94	4.75	4.55
Capacity(FanCoil)	Cooling	kW	11.10	13.30	13.80
	Heating	kW	13.00	14.20	16.20
Power input(FanCoil)	Cooling	kW	3.58	4.75	5.09
	Heating	kW	3.45	3.84	4.49
EER(Fan Coil)		W/W	3.10	2.80	2.71
COP(Fan Coil or Radiator)		W/W	3.77	3.70	3.61
Refrigerant charge volume		kg	2.2	2.2	2.20
Sound pressure level	Cooling	dB(A)	54	55	56
	heating	dB(A)	56	58	59
Dimensions	Outline (W × D × H)	mm	1206	1206	1206
		mm	445	445	445
		mm	878	878	878
	Packaged (W × L × H)	mm	1338	1338	1338
		mm	553	553	553
		mm	1020	1020	1020
Net weight		kg	142	142	142.0
Gross weight		kg	161	161	161.0
Loading quantity	20 ' Container	unit	32	32	32
	40 ' Container	unit	66	66	66
	40 ' High Cube Container	unit	66	66	66

Note :
1.Capacities and power inputs are based on the following conditions:
Cooling conditions: Outdoor air temperature : 95°FDB/-WB; indoor water temperature:53.6°F/44.06°F
Heating conditions: Outdoor air temperature : 46.4°F/42.8°F
2.This series product is under development. Gree reserves the right to modify the specifications without prior notice.

VERSATI II (Split Type)



Versati II heat pumps can perform air heating and cooling by working together with fan coil units, heat radiators and under-floor coils.

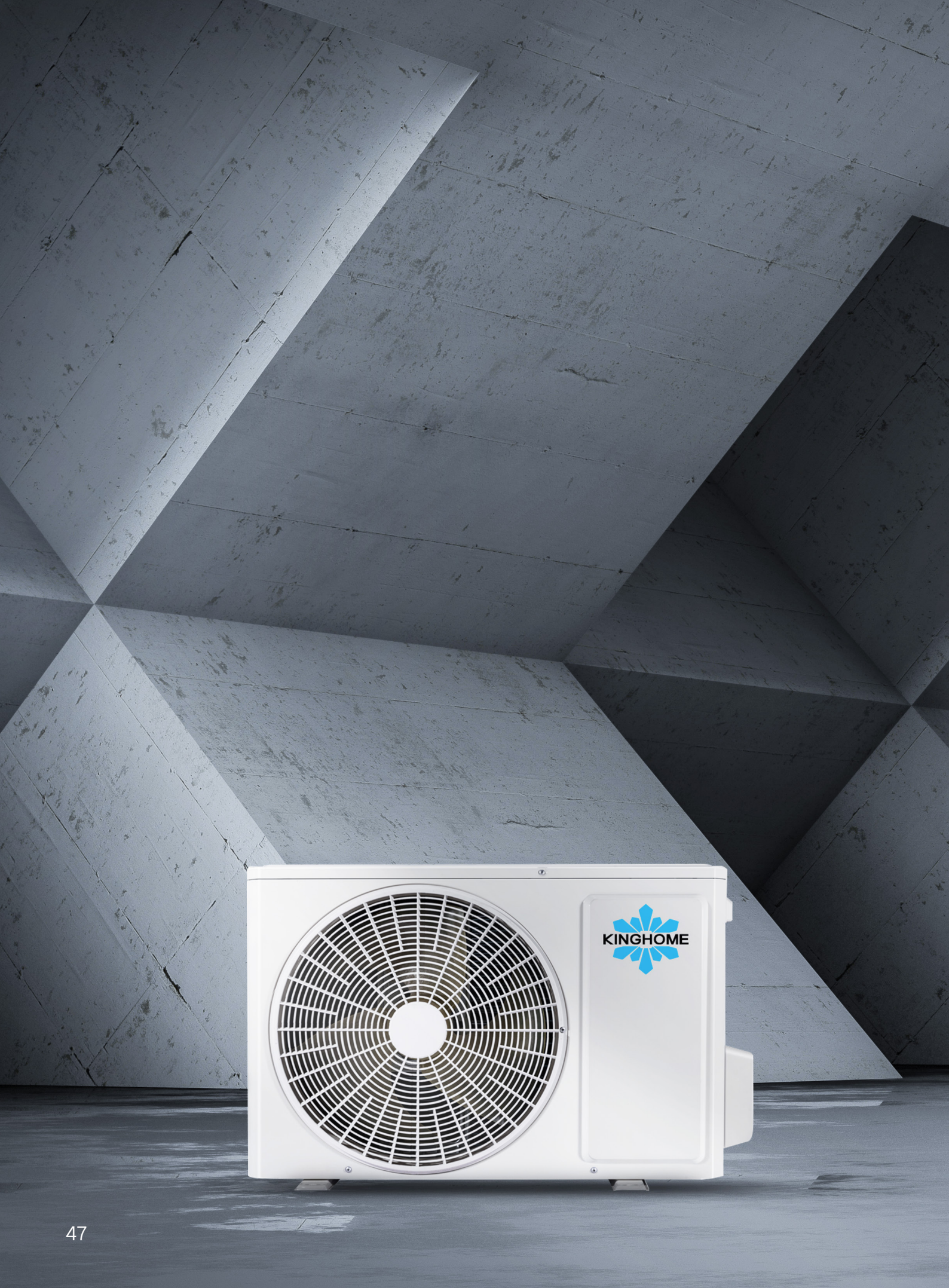


- This unit is very powerful, smart and user-friendly, featuring various functions including holiday mode, absence mode, quiet mode, quiet preset, clock timer, weekly timer, holiday exclusion, floor setting, environmental-dependent mode, etc.
- Cooling performance satisfies EU ERP energy efficiency, with a rating up to A++. Motor and water pump elements conform to the requirements set out by the EU Eco Directive.

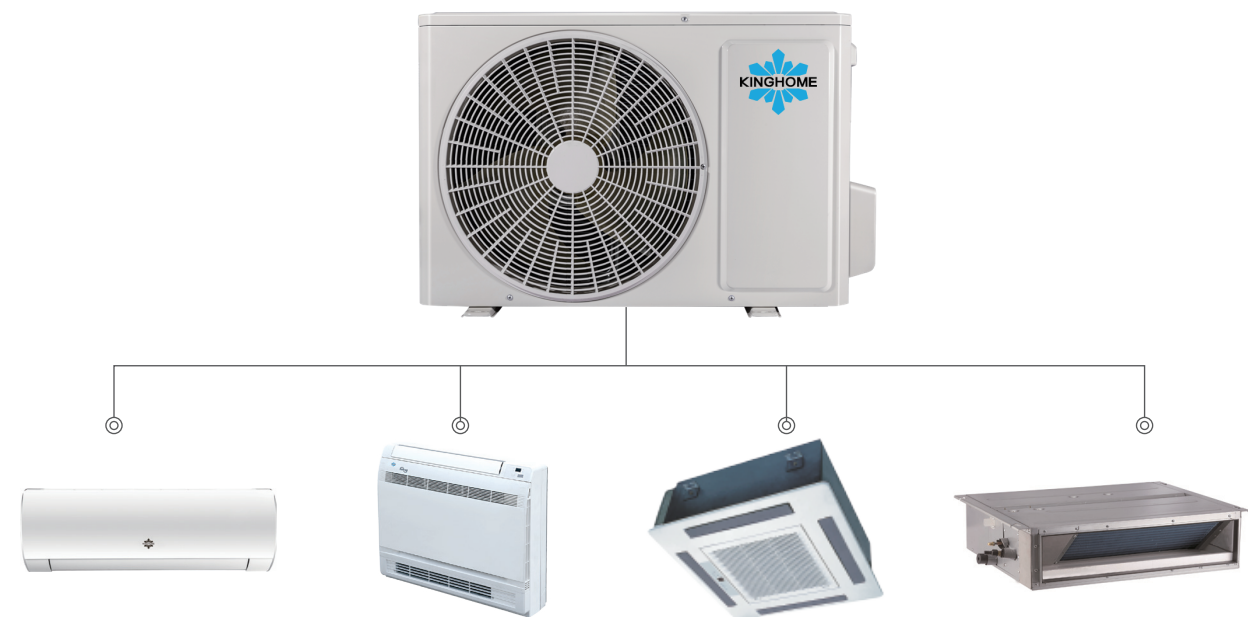
Mode	Heat Source Side Temperature(°C)	User Side Temperature (°C)
Heating	-20~35	25~55
Cooling	10~48	7~25

Specifications

Model			KRS-CQ16Pd/NaE-D(I)	KRS-CQ16Pd/NaE-D(O)
Capacity(Floor)	Cooling	kW	49474(14.5)	49474(14.5)
	Heating	kW	52886(15.5)	52886(15.5)
Powe input(Floor)	Cooling	kW	3.8	3.8
	Heating	kW	3.75	3.75
EER(Floor Cooling)		W/W	13.02(3.82)	13.02(3.82)
COP(Floor Heating)		W/W	14.10(4.13)	14.10(4.13)
Capacity(Fan Coil)	Cooling	kW	33096(9.7)	33096(9.7)
	Heating	kW	49474(14.5)	49474(14.5)
Power input(Fan Coil)	Cooling	kW	3.3	3.3
	Heating	kW	4.5	4.5
EER(Fan Coil)		W/W	10.03(2.94)	10.03(2.94)
COP(Fan Coil or Radiator)		W/W	10.99(3.22)	10.99(3.22)
Refrigerant charge volume		kg	127(3.6)	127(3.6)
Sound pressure level		°C	104~176(40~80)	104~176(40~80)
Sound pressure level	Cooling	dB(A)	31	58
	heating	dB(A)	31	58
Dimensions (W × D × H)	Outline	mm	38-5/8x12-3/4x19-11/16 (981x324x500)	35-7/16x16-1/4x53 (900x412x1345)
	Packaged	mm	41-1/16x15-9/16x23-15/16(1043x395x608)	39-5/16x18-1/16x59-5/8 (998x458x1515)
Net weight/Gross weight		kg	121.3/141.1(55/64)	235.9/258.0(107/117)



ALL MATCH



Features: ☐ Standard ☐ Optional

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

All Match

Item	Normal Operating Condition (temperature)				Operating Condition (temperature)
	Outdoor Condition		Indoor Condition		Outdoor Condition
	DB(°F)	WB(°F)	DB(°F)	WB(°F)	DB(°F)
Cooling	95	75.02	80.06	66.92	0.4~118.4
Heating	47	42.98	69.98	60.08	-4~75.2

Capacity Index(Btu/h)		9000	12000	18000	24000
WALL MOUNT	25 SEER SUNFLOWER	●	●	●	●
HIGH ESP DUCTED		●	●	●	●
COMPACT 4-WAY CASSETTE			●	●	●
FLOOR CEILING		●	●	●	●

















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



[Light Commercial]

MULTI ZONE (REGULAR)

Features: ☐ Standard ☐ Optional

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

Capacity Index (Btu/h)		9000	12000	18000	21000	24000
WALL MOUNT	17 SEER LOTUS	●	●	●		●
	25 SEER SUNFLOWER	●	●	●		●
LOW ESP DUCTED		●	●	●	●	
HIGH ESP DUCTED		●	●	●	●	●
COMPACT 4-WAY CASSETTE			●	●		●
FLOOR CEILING		●	●	●		●
CONSOLE		●	●	●		

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

Note : Engineers suggest you select the indoor unit according to the matching table only.

Multi Zone (Regular)

Item	Normal Operating Condition (temperature)				Operating Condition (temperature)
	Outdoor Condition		Indoor Condition		Outdoor Condition
	DB(°F)	WB(°F)	DB(°F)	WB(°F)	DB(°F)
Cooling	95	75.02	80.06	66.92	0.4~118.4
Heating	47	42.98	69.98	60.08	-4~75.2

KM18H5O	Two Indoor Units	
	09+09	
	09+12	
	12+12	

KM24H5O	Two Indoor Units		Three Indoor Units	
	09+09		09+09+09	
	09+12		09+09+12	
	09+18		09+09+18	
	12+12		09+12+12	
	12+18		12+12+12	
	18+18		/	

KM30H5O	Two Indoor Units		Three Indoor Units		Four Indoor Units	
	09+09	12+12	9+9+9		9+9+9+9	
	09+12	12+18	9+9+12		9+9+9+12	
	09+18	18+18	9+12+12		9+9+9+18	
	/	/	9+9+18		9+9+12+12	
	/	/	9+12+18		/	
	/	/	12+12+12		/	
	/	/	12+12+18		/	
	/	/	/		/	

KM36H5O	Two Indoor Units		Three Indoor Units		Four Indoor Units		Five Indoor Units
	9+9	21+21	9+9+9	9+21+21	9+9+9+9	9+12+12+12	09+09+09+09+09
	9+12	21+24	9+9+12	9+21+24	9+9+9+12	9+12+12+18	09+09+09+09+12
	9+18	24+24	9+9+18	12+12+12	9+9+9+18	9+12+12+21	09+09+09+09+18
	9+21	/	9+9+21	12+12+18	9+9+9+21	12+12+12+12	09+09+09+12+12
	9+24	/	9+9+24	12+12+21	9+9+9+24	12+12+12+18	09+09+12+12+12
	12+12	/	9+12+12	12+12+24	9+9+12+12	/	/
	12+18	/	9+12+18	12+18+18	9+9+12+18	/	/
	12+21	/	9+12+21	12+18+21	9+9+12+21	/	/
	12+24	/	9+12+24	12+18+24	9+9+12+24	/	/
	18+18	/	9+18+18	12+21+21	9+9+18+18	/	/
	18+21	/	9+18+21	18+18+18	/	/	/
	18+24	/	9+18+24	/	/	/	/

KM42H5O	Two Indoor Units		Three Indoor Units		Four Indoor Units		Five Indoor Units
	9+12	18+21	9+9+9	12+12+12	9+9+9+9	9+12+12+18	9+9+9+9+9
	9+18	18+24	9+9+12	12+12+18	9+9+9+12	9+12+12+21	9+9+9+9+12
	9+21	21+21	9+9+18	12+12+21	9+9+9+18	9+12+12+24	9+9+9+9+18
	9+24	21+24	9+9+21	12+12+24	9+9+9+21	9+12+18+18	9+9+9+9+21
	12+12	24+24	9+9+24	12+18+18	9+9+9+24	9+12+18+21	9+9+9+9+24
	12+18	/	9+12+12	12+18+21	9+9+12+12	9+12+18+24	9+9+9+12+12
	12+21	/	9+12+18	12+18+24	9+9+12+18	9+18+18+18	9+9+9+12+18
	12+24	/	9+12+21	12+21+21	9+9+12+21	12+12+12+12	9+9+9+12+21
	18+18	/	9+12+24	12+21+24	9+9+12+24	12+12+12+18	9+9+9+12+24
	/	/	9+18+18	12+24+24	9+9+18+18	12+12+12+21	9+9+9+18+18
	/	/	9+18+21	18+18+18	9+9+18+21	12+12+12+24	9+9+12+12+12
	/	/	9+18+24	18+18+21	9+9+18+24	12+12+18+18	9+9+12+12+18
	/	/	9+21+21	18+18+24	9+9+21+21	12+12+18+21	9+9+12+12+21
	/	/	9+21+24	18+21+21	9+9+21+24	/	9+12+12+12+12
	/	/	9+24+24	18+21+24	9+12+12+12	/	9+12+12+12+18
	/	/	/	/	/	/	12+12+12+12+12

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



[Light Commercial]

MULTI ZONE (ULTRA HEAT)

Features:

Standard

Optional

- High Efficiency

Intelligent Defrosting

Lock

Compact Design

Memory Function

Timer

Turbo Function

Self-diagnosis

Low Voltage Startup
- Wide Voltage Range

Comprehensive Protection

Easier Maintainability

Inner Groove Copper

Centralized Control

Long-distance Monitoring

Weekly timer

Wired Controller

MULTI ZONE (ULTRA HEAT)

Item	Normal Operating Condition(temperature)				Operating Condition (temperature)
	Outdoor Condition		Indoor Condition		Outdoor Condition
	DB(°F)	WB(°F)	DB(°F)	WB(°F)	DB(°F)
Cooling	95	75.02	80.06	66.92	0~115
Heating	47	42.98	69.98	60.08	-31~75

KM18UH5O	Two Indoor Units
	09+09
	09+12
	12+12

KM24UH5O	Two Indoor Units		Three Indoor Units
	09+09	12+12	09+09+09
	09+12	12+18	09+09+12
	09+18	18+18	09+09+18
	/	/	09+12+12
	/	/	12+12+12

KM36UH5O	Two Indoor Units		Three Indoor Units		Four Indoor Units	
	9+9	21+21	9+9+9	9+21+21	9+9+9+9	9+12+12+21
	9+12	21+24	9+9+12	9+21+24	9+9+9+12	12+12+12+12
	9+18	24+24	9+9+18	12+12+12	9+9+9+18	12+12+12+18
	9+21	/	9+9+21	12+12+18	9+9+9+21	/
	9+24	/	9+9+24	12+12+21	9+9+9+24	/
	12+12	/	9+12+12	12+12+24	9+9+12+12	/
	12+18	/	9+12+18	12+18+18	9+9+12+18	/
	12+21	/	9+12+21	12+18+21	9+9+12+21	/
	12+24	/	9+12+24	12+18+24	9+9+12+24	/
	18+18	/	9+18+18	12+21+21	9+9+18+18	/
	18+21	/	9+18+21	18+18+18	9+12+12+12	/
	18+24	/	9+18+24	/	9+12+12+18	/

KM42UH5O	Two Indoor Units		Three Indoor Units		Four Indoor Units		Five Indoor Units
	9+12	18+18	9+9+9	12+12+12	9+9+9+9	9+12+12+18	9+9+9+9+9
	9+18	18+21	9+9+12	12+12+18	9+9+9+12	9+12+12+21	9+9+9+9+12
	9+21	18+24	9+9+18	12+12+21	9+9+9+18	9+12+12+24	9+9+9+9+18
	9+24	21+21	9+9+21	12+12+24	9+9+9+21	9+12+18+18	9+9+9+9+21
	12+12	21+24	9+9+24	12+18+18	9+9+9+24	9+12+18+21	9+9+9+9+24
	12+18	24+24	9+12+12	12+18+21	9+9+12+12	9+12+18+24	9+9+9+12+12
	12+21	/	9+12+18	12+18+24	9+9+12+18	9+18+18+18	9+9+9+12+18
	12+24	/	9+12+21	12+21+21	9+9+12+21	12+12+12+12	9+9+9+12+21
	/	/	9+12+24	12+21+24	9+9+12+24	12+12+12+18	9+9+9+12+24
	/	/	9+18+18	12+24+24	9+9+18+18	12+12+12+21	9+9+9+18+18
	/	/	9+18+21	18+18+18	9+9+18+21	12+12+12+24	9+9+12+12+12
	/	/	9+18+24	18+18+21	9+9+18+24	12+12+18+18	9+9+12+12+18
	/	/	9+21+21	18+18+24	9+9+21+21	12+12+18+21	9+9+12+12+21
	/	/	9+21+24	18+21+21	9+9+21+24	/	9+12+12+12+12
	/	/	9+24+24	18+21+24	9+12+12+12	/	9+12+12+12+18
	/	/	/	/	/	/	12+12+12+12+12





[Light Commercial]

ULTRANIXX

Features: ☐Standard ☒Optional


Self-diagnosis


Comprehensive protection


High ESP


Wide operation range


High efficiency


Intelligent defrosting


Energy saving function


Inner groove copper

Universal Inverter Ducted Split System, with 24V control



Ultratrix 18SEER 24V DC inverter condensing unit is a newly designed and high efficiency air conditioner, which is targeted at the North America market and mainly applied to villas, office buildings, supermarkets, hotels, restaurants, etc.



2/3 Ton

4/5 Ton


Self-diagnosis


Comprehensive protection


High ESP


Wide operation range


High efficiency


Intelligent defrosting


Energy saving function


Inner groove copper

- Outdoor unit adopts inverter compressor; efficiency is up to 20SEER & 10.5HSPF.
- By adopting Gree two-stage compression EVI technology, performance only decline a little at extremely hot or cold area.

Ultra heat: strong heating at low ambient temperature:100% heating capacity down to -5°F(-20°C)*.
78% Heating capacity down to -22°F(-30°C)*.

Ultra cool: strong cooling at high ambient temperature:100% cooling capacity up to 115°F(46°C)*.
78% Cooling capacity up to 130°F(54°C)*.

- Compatible with most standard 24V thermostat in the market.
- Inverter technology, quieter, more comfortable and more energy saving.
- Installation similar to traditional air conditioner and few training needed for experienced installers.
- Compact design for saving space; perfect for installation with space limitation such as zero-lot-line house.

*Notes: Test results based on condenser KU36UHO and air handler KU24UHI.



Max.piping length(m(ft.))	2 Ton	3 Ton	4 Ton	5 Ton
Max refrigerant pipe length between IDU and ODU	30 (98.4)	30 (98.4)	30 (98.4)	30 (98.4)
Max vertical height difference between IDU and ODU	15 (49.2)	15 (49.2)	15 (49.2)	15 (49.2)

Item	Nominal operating condition (temperature)				Operating range (temperature)
	Outdoor condition		Indoor condition		Outdoor condition DB(°F/°C)
	DB(°F/°C)	WB(°F/°C)	DB(°F/°C)	WB(°F/°C)	
Cooling	95/35	75/23.9	80/26.7	67/19.4	5~129.2/-15~54
Heating	47/8.3	43/6.1	70/21.1	60/15.6	-22~75.2/-30~24

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

Note:

[illegible]

Note:

[illegible]