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

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

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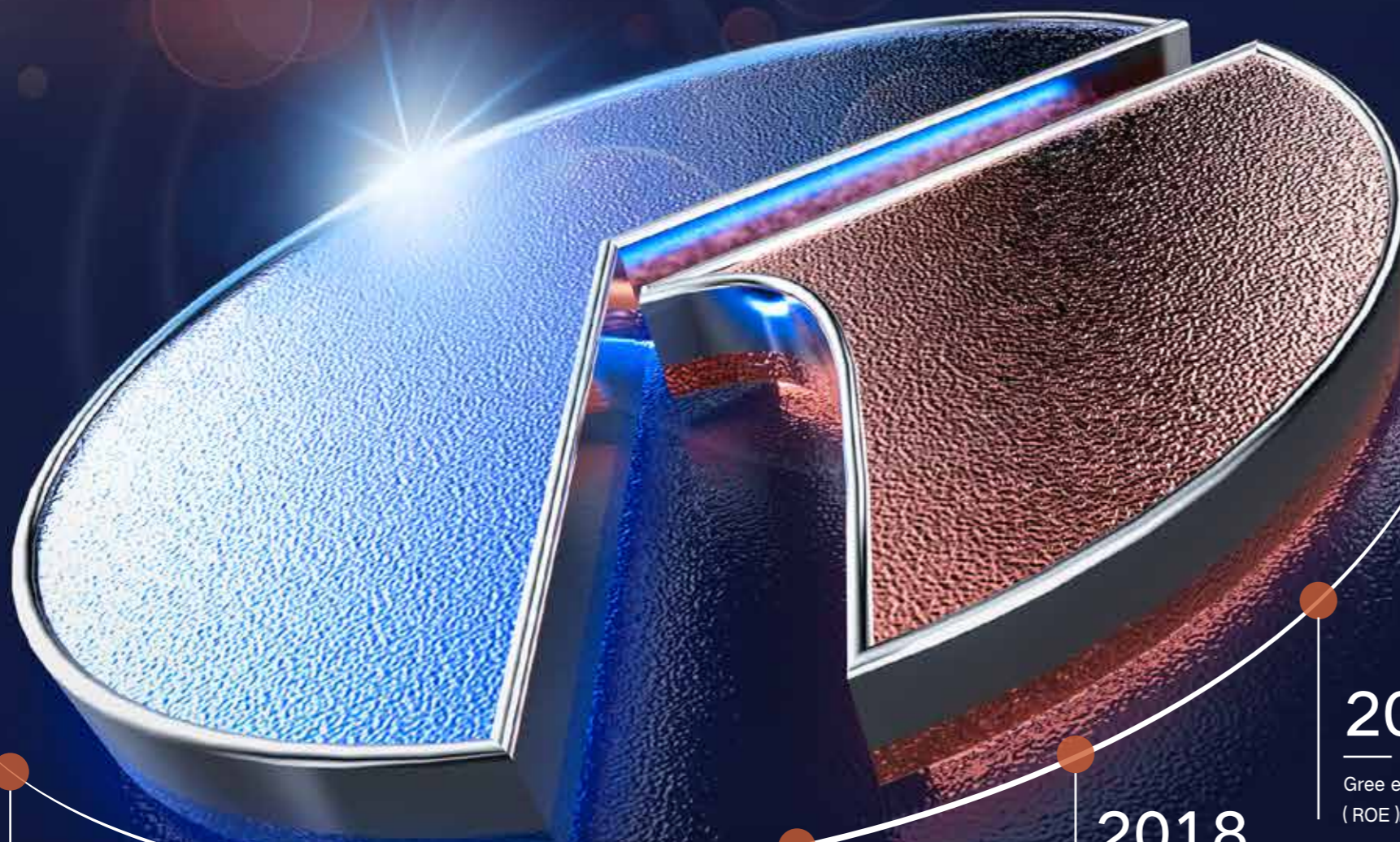
GREE
AIR CONDITIONER



2024
RESIDENTIAL
AIR CONDITIONER

ABOUT GREE

Gree Electric Appliances, Inc. of Zhuhai was founded in 1991 and was listed on the Shenzhen Stock Exchange in November 1996. At the beginning, Gree was only a company that assembled residential air conditioners. Now it has grown into a diversified global technological industrial group that has expanded its business to household consumer goods and industrial equipment under three brands: GREE, KINGHOME and TOSOT. Gree is the number one brand of air conditioners in the world in 2022*.



2023

Gree entered into the list of Forbes Global 2000 again and ranked **No. 331**.

2022

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

2019

Gree entered into **Fortune Global 500**. Gree's return on equity (ROE) ranked the first among the 129 Chinese enterprises on the list.

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.

2005

Gree has topped **No.1** in production and sales volume of residential air conditioners for 14 consecutive years.

Gree brands are sold widely to more than 190 countries and regions. Action makes the future and innovation makes achievement. Looking forward, Gree will press ahead with its business philosophy of passion, innovation and realization. We aim to build a centenary air conditioning enterprise and create a better life for humankind.

*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."



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

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NEW TECHNOLOGY

- ChillSwipe
- MiniERV
- G-AI 2.0 Technology
- R290 ECO Refrigeration
- Colasma Air Purification Technology
- G-Max Outdoor Units
- 2 in 1 Dehumidifier: Dehumidification and Purification



ChillSwipe

No chance for chill

Continuous Heating Technology

Defrost logic based on frost growth and system parameter, so as to constantly keep heating during defrosting without shut down.

1 Unique algorithm

Unique algorithm to sense the frost accumulated on the condenser and judge the thin frost status

2 Clever use of heat

A new type of EXV is developed to increase the maximum flow. The heat of throttling refrigerant is used for defrosting. (In heating mode, some heat is used for heating while some is used for defrosting.)

3 Rapid removing of thin frost

Adjust system operating parameters to enter the thin frost rapid removing mode.

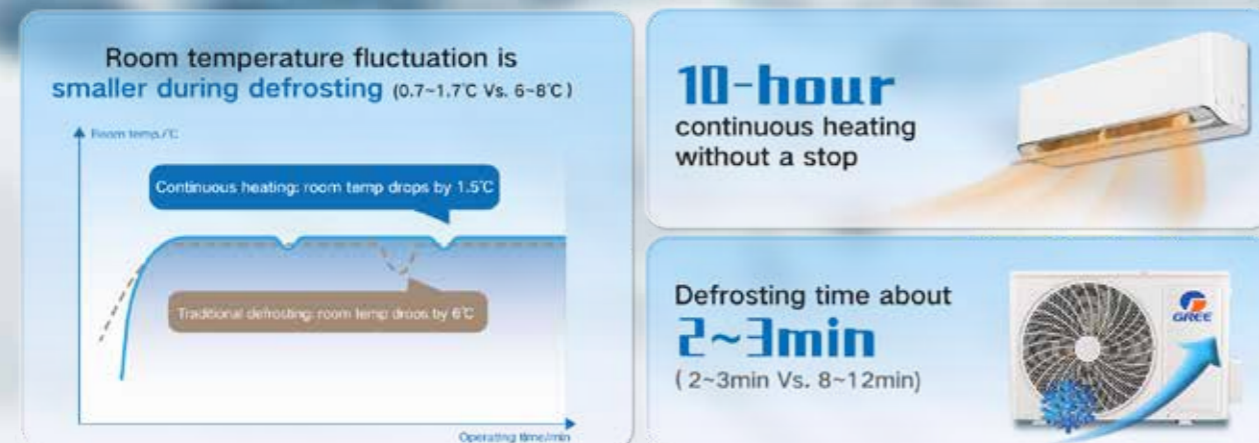
4 Continuous heating

During defrosting, the indoor unit keeps running to ensure normal heating.

Note: Take Airy for an example; other units are subject to the actual situations.

10-Hour Constant Heating

Say goodbye to temperature fluctuations. Enjoy a seamless and comfortable experience with smaller and negligible temperature difference.



G 03

Hybrid Defrosting Technology (HDT)

Innovative defrosting algorithm with dual defrosting mode to maintain continuous heating all night long.



Under ultra-low temperatures (below -10°C), thin frost rapid removing mode is turned off and the unit will turn to Gree intelligent defrosting mode to ensure safe and stable operation.

Note: Take Airy for an example; other units are subject to the actual situations. Under Gree intelligent defrosting mode, the unit operates in cooling and the indoor fan stops. The maximum time for a single defrosting operation is 12 minutes (This is a normal design, which may vary depending on the system.)



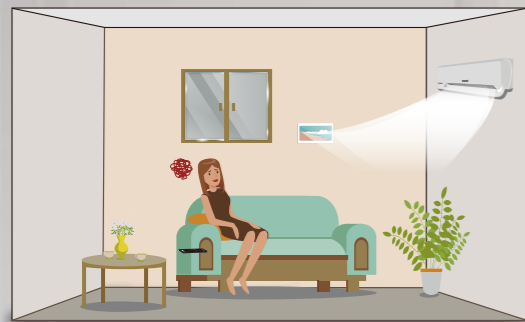
G 04

MiniERV

MiniERV (Mini Energy Recovery Ventilation) adopted Innovative total heat two-way ventilation system, Instant fresh air provision for great air experience

Fresh air

Clivia adopts the innovative two-way air ventilation system. In addition to intake outdoor fresh air, it can also discharge indoor foul air to guarantee clean indoor air.



Without fresh air function

High carbon dioxide content; with unpleasant odor



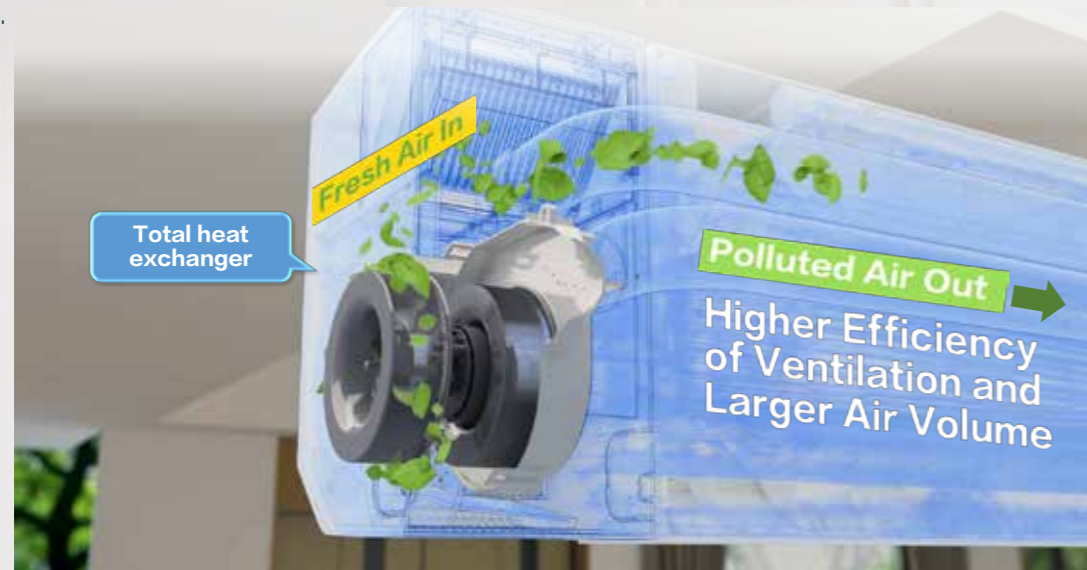
With fresh air function

Low carbon dioxide content and fresh air

Total heat two-way ventilation system

Bidirectional ventilation principle is adopted, with the air inlet and outlet placed at the same unit to create circulation.

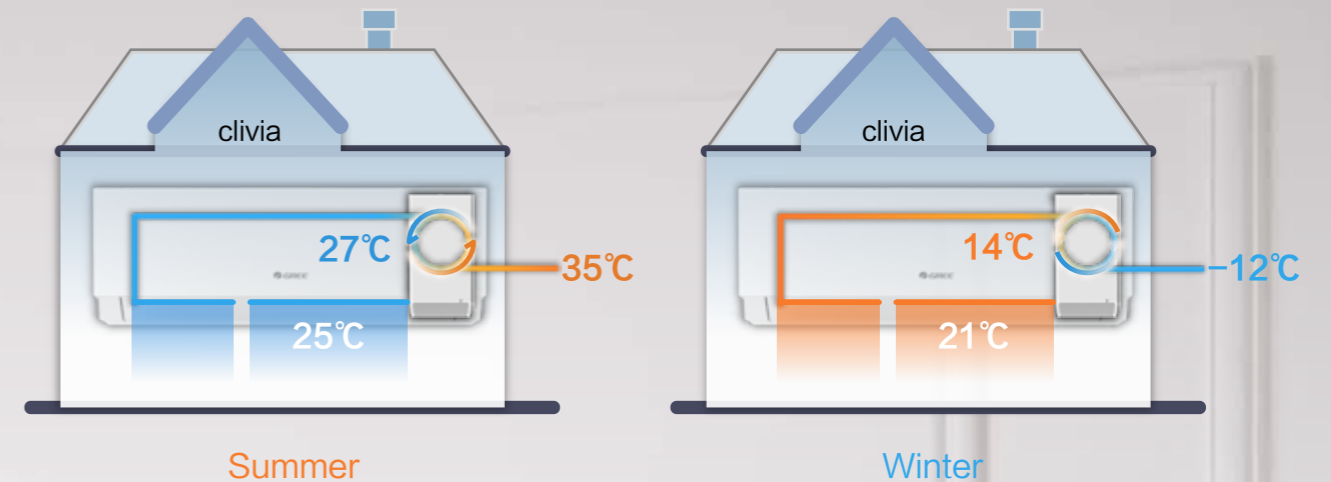
Thanks to the total heat exchanger, there is only heat exchange, ensuring air quality and satisfactory temperature.



Instant fresh air provision for great air experience

Direct air exchange in conventional ventilation mode will consume indoor energy, affect indoor cooling and heating and waste energy.

With the total heat exchanger, the unit will change the temperature of the outdoor fresh air while discharging the indoor air, so as to diminish the attenuation of cooling and heating capacity during fresh air provision, save energy and provide better temperature experience.



Note: In cooling or heating mode, temperature after fresh air ventilation is related to real-time air volume, indoor and outdoor humidity and other factors, this figure is for reference only.

Superior performance

High-efficiency ventilation:

Conduct ventilation once for every hour; it can eliminate indoor formaldehyde, odor, bacteria and other dirty air quickly, which is comfortable and healthy.

Energy-saving

Comfortable temperature. Compared with the traditional ventilation device without full heat exchange ventilation function, the air conditioner can save about 1kWh of electricity per day (calculate as running 24 hours a day).

Low noise

As low as 19db.

Double filters

Top filter +HEPA healthy filter.

R290 ECO Refrigeration

Gree developed R290 air conditioners which is eco-friendly to the environment, and completed the first production line for R290 air conditioners in the world. It has played the demonstration effects for the application of environment-friendly technologies in Chinese or even global air conditioning industry, which has been appraised as "world-leading" level.

Upgraded safety

Refrigeration leakage prevention

The built-in detection sensor can quickly detect the leakage of refrigerant at real time. When a certain concentration is reached due to the refrigerant leakage, below measures will be activated:



Comprehensive fault monitoring

Thanks to the sensor and the service life detection function, the safe operation can be guaranteed.

Service life monitoring

The sensor can work for consecutive 30000h; when the service life is over, it will alarm automatically and the compressor stops operation.

Fault monitoring

When there is fault for the sensor module and the main board has detected the fault signal, the buzzer gives out 5s and the display board displays error code L2. Indoor fan operates at high fan speed and the compressor stops operation.

Strict quality control

- Big air volume motor and blade**
 The air volume is up to 850m³/h, which can disperse the refrigerant quickly for upgraded safety.
- Upgrade structural parts**
 Adopt the non-detachable joint, cancel the process pipe and reduce refrigerant leakage points to improve the safety.
- Anti-explosion controller**
 Adopt strengthened insulation design, separate strong current and weak current and select anti-explosion electric elements for ensuring safety.

After-sales guarantee for installation

Please refer to QJ/GD 60.00.001/1 R290 Air Conditioners After-sales Installation and Maintenance Guideline for related standards.



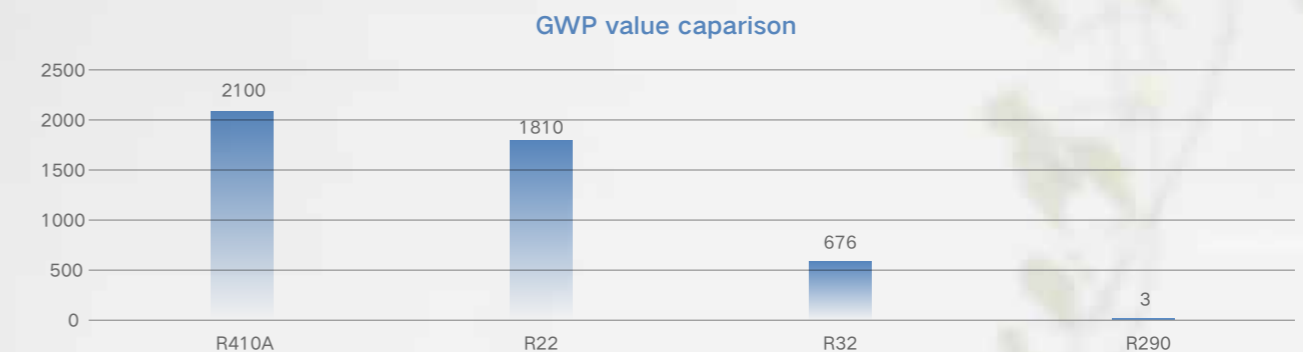
High Energy Efficiency

R290 eco-friendly refrigerant combines with the new system for excellent performance. It has the same capacity as R32 refrigerant, energy-saving and environment-friendly.

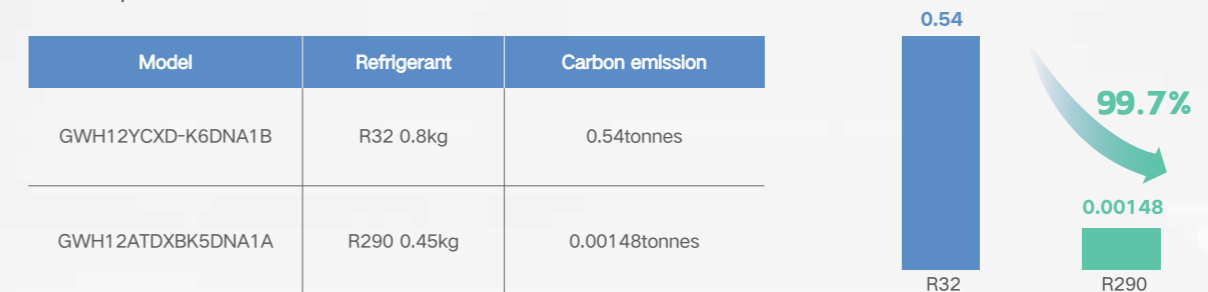


Environment-friendly future

GWP<3, Contribute to green, low-carbon and sustainable development

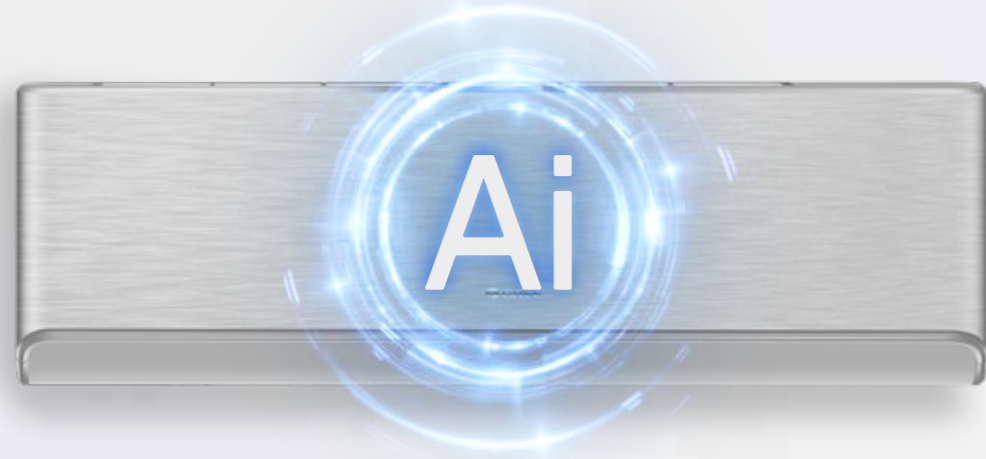


Carbon emission < 99.7%, Contribute to green, low-carbon and sustainable development



G-AI 2.0 Technology

Gree self-developed AI smart air conditioner initially integrates AI technology with air conditioning technologies.



Learning to be high-efficiency

AI algorithm is adopted. The AI algorithm combines reinforced learning and expert system theory, learns the complex and changeable user environment through online interaction, uses the algorithm to dynamically adjust the operation mode of air conditioner, and selects the optimal energy-saving control strategy.



Note: The data is tested with European models.

Learning to be comfortable

The AI algorithm can learn and practice online in combination with the current ambient temperature, humidity, room size and other factors, actively adjust the control strategy, slightly adjust the operation mode of the air conditioner, and keep the environment in a dynamically comfortable state.

The longer the AI algorithm is used, the more it can adapt to the environment, and the better it can understand the needs of users, so that comfort spreads to every corner of the room.



Colasma Air Purification Technology

The cold plasma achieve the whole house purification by bacteria inhibition and deodorization.



Sterilize and purify the air

As one of the effective ways to deal with indoor air pollution, Colasma can effectively remove bacteria and kill viruses, such as coronavirus, influenza virus, rotavirus, bacillus, coccus and molds.

According to the tests carried out by an authoritative testing institution, ion release exceeds 300X10⁴n/cm³ and the removal rate of air floating microorganisms is more than 93% in one hour.

COLD PLASMA
Sterilization Rate
Up to 93%

coronavirus, influenza virus, rotavirus, bacillus, coccus, molds

Note: Data sourced from Test Report 2020001571b; test conducted in a 30m² laboratory, where the amount of air-borne bacteria before purification is 4.88 × 10² CFU/m².

Remove odor and inhibit static electricity

Because the number of negative ions is greater than that of positive ions, the excess negative ions floating in the air may additionally remove unpleasant odors inevitable in daily life, such as smell of cigarette and smell of toilet. Besides, it can reduce static electricity so that pollen and dust is not easy to attach to curtains and clothing.

smell of cigarette, smell of toilet, reduce static electricity

Function setting instructions



Press this button to turn on or turn off the health and UVC functions in operation status.



- When selecting “” with remote controller, Cold Plasma will be turn on.
- When selecting “” with remote controller, UVC sterilization function will be turn on.
- When selecting “” with remote controller, Cold Plasma and UVC sterilization function will be turn on together.

Note: These functions are decided by specific models.

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.



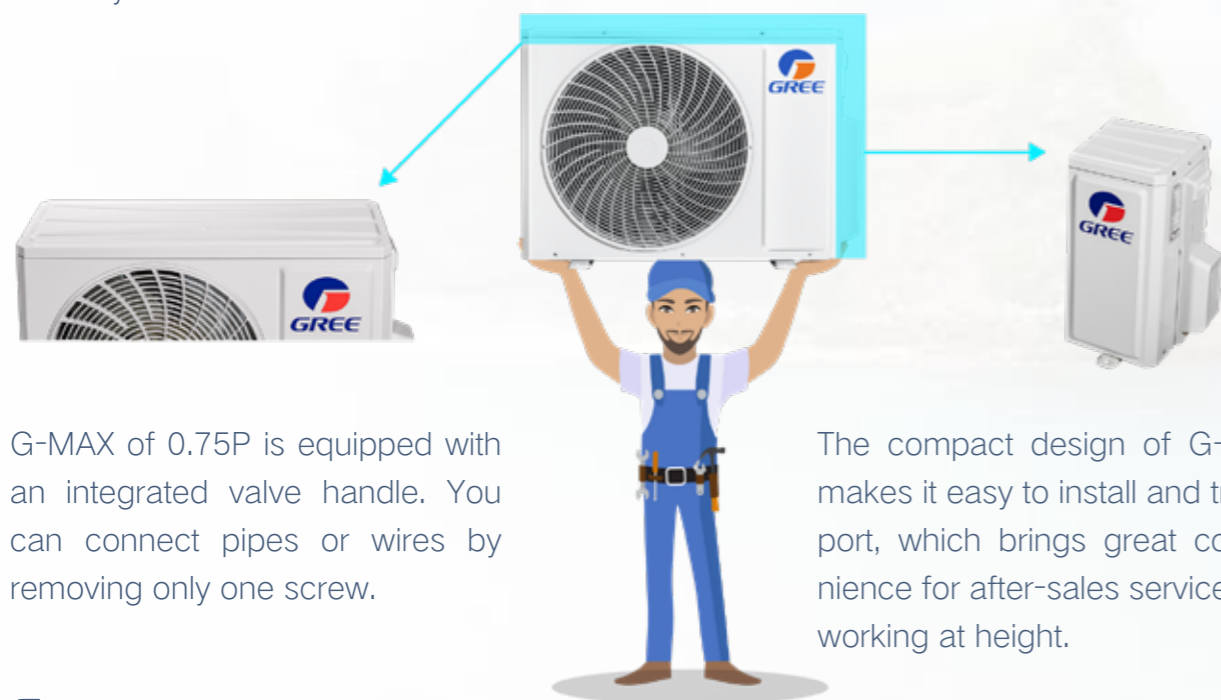
Compact size

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

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.



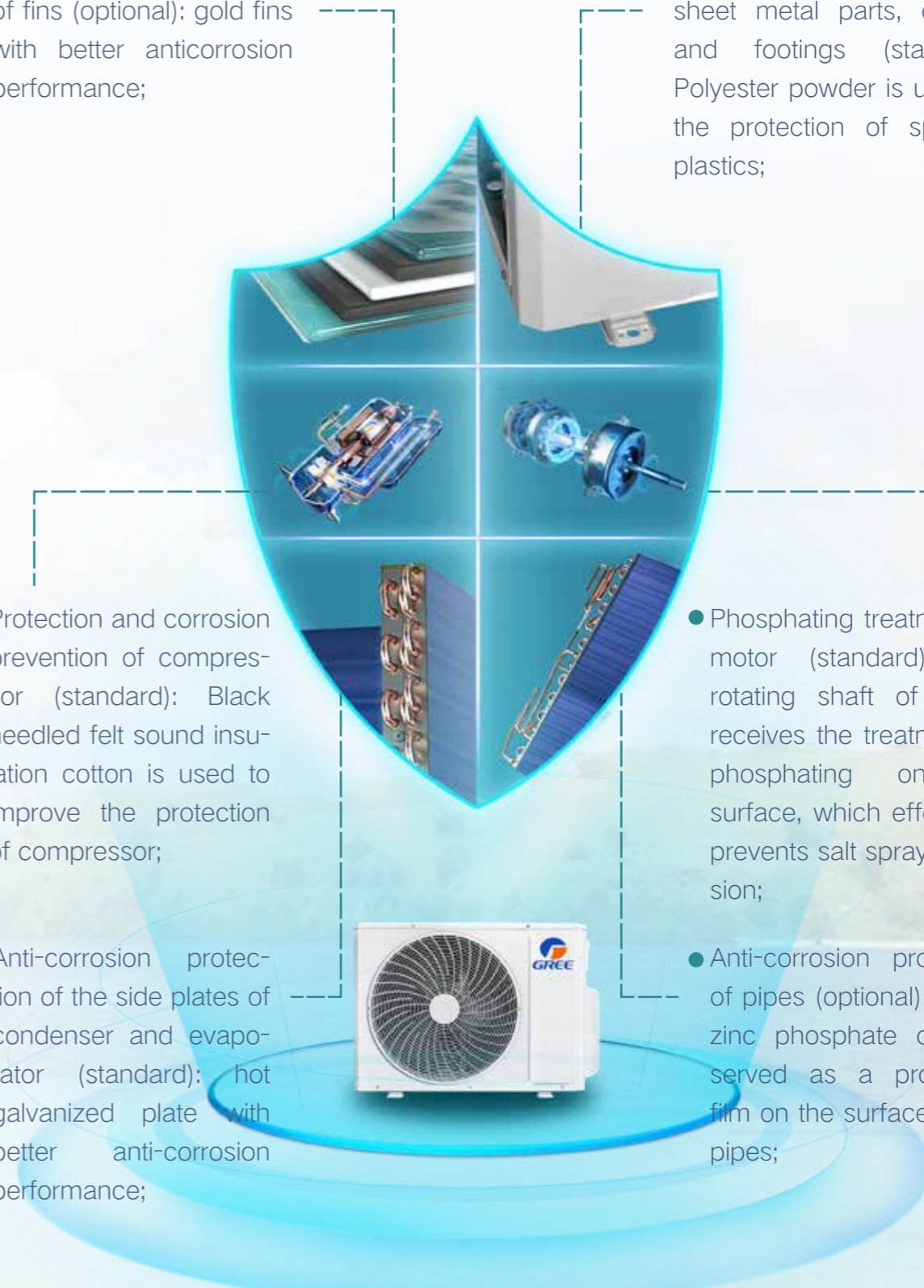
G-MAX of 0.75P is equipped with an integrated valve handle. You can connect pipes or wires by removing only one screw.

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.

6 MAX Guard -- 6 Anti-corrosion Measures

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

- Anti-corrosion protection of fins (optional): gold fins with better anticorrosion performance;
- Anti-corrosion protection of sheet metal parts, chassis and footings (standard): Polyester powder is used as the protection of spraying plastics;
- Protection and corrosion prevention of compressor (standard): Black needled felt sound insulation cotton is used to improve the protection of compressor;
- Phosphating treatment of motor (standard): The rotating shaft of motor receives the treatment of phosphating on the surface, which effectively prevents salt spray corrosion;
- Anti-corrosion protection of the side plates of condenser and evaporator (standard): hot galvanized plate with better anti-corrosion performance;
- Anti-corrosion protection of pipes (optional): epoxy zinc phosphate coating, served as a protective film on the surface of the pipes;



2 in 1 Dehumidifier: Dehumidification and Purification

High Energy Efficiency, Intelligent Dehumidification



Strong technology, powerful dehumidification

High quality rotary compressor has higher efficiency and lower noise when compared with traditional piston compressors. Besides, it is more reliable and durable. It can provide users with quiet and efficient dehumidification.

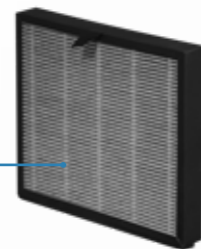
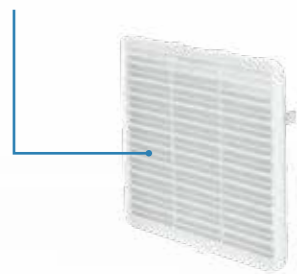
- The dehumidification capacity reaches 30L / D
- Applicable area: 42 ~ 54 m²
- Stable operation at 1 °C ~ 40 °C

Triple Purification, Enjoy Fresh Air of the Forest

Two filter screens

Air filter screen

First protection: The washable and durable filter screen can remove coarse particles.



Two-in-one composite filter

It combines the HEPA filter with the activated carbon filter, which can effectively filtrate more than 95% of the fine particles in the air and absorb various harmful gas and peculiar smell.

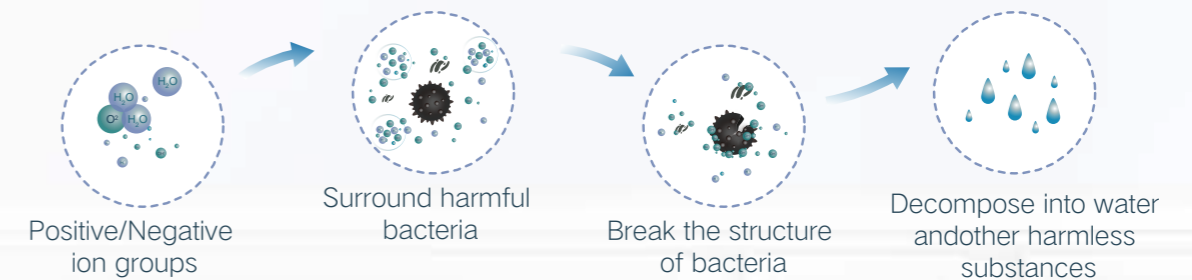


UV bacteria prevention

LED ultraviolet lamp can emit strong ultraviolet light, which can effectively inhibit the growth of bacteria and viruses. At the same time, it has the advantages of small size, long life and no ozone generation.

Ion Purification

Through high-voltage electrode discharge, Verty can ionize the air and generate a large number of positive and negative ion groups H⁺ and O₂⁻, forming an army of plasma with a concentration of up to 3 × 10⁶ n/cm³. The plasma sterilizes the air and finally generates harmless substances such as water and restores the air to be just as fresh as that in the forest.



KEY FUNCTIONS

- Healthy and Clean Functions
- Efficient and Intelligent Functions
- Comfortable and User-friendly Functions
- Safe and Reliable Functions



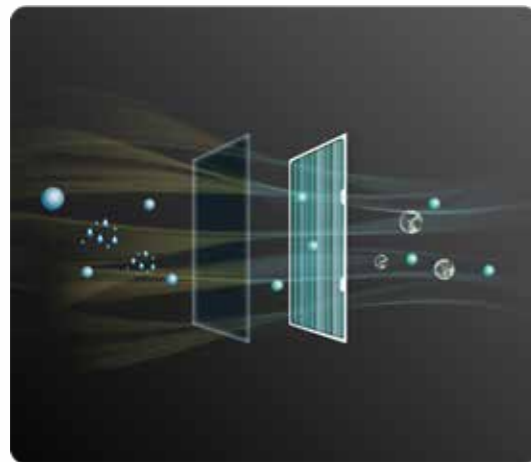
Healthy and Clean Functions

Multiple Air Purification Technologies for Fresh Breath and Healthy Life

Multifunctional Filters

Nano Photocatalyst Filter

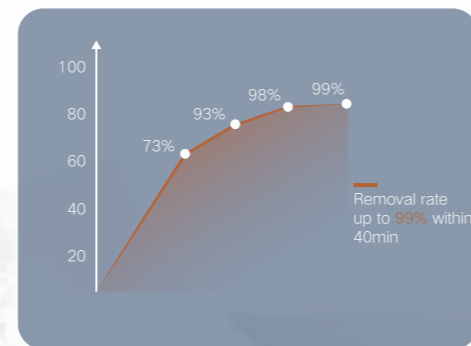
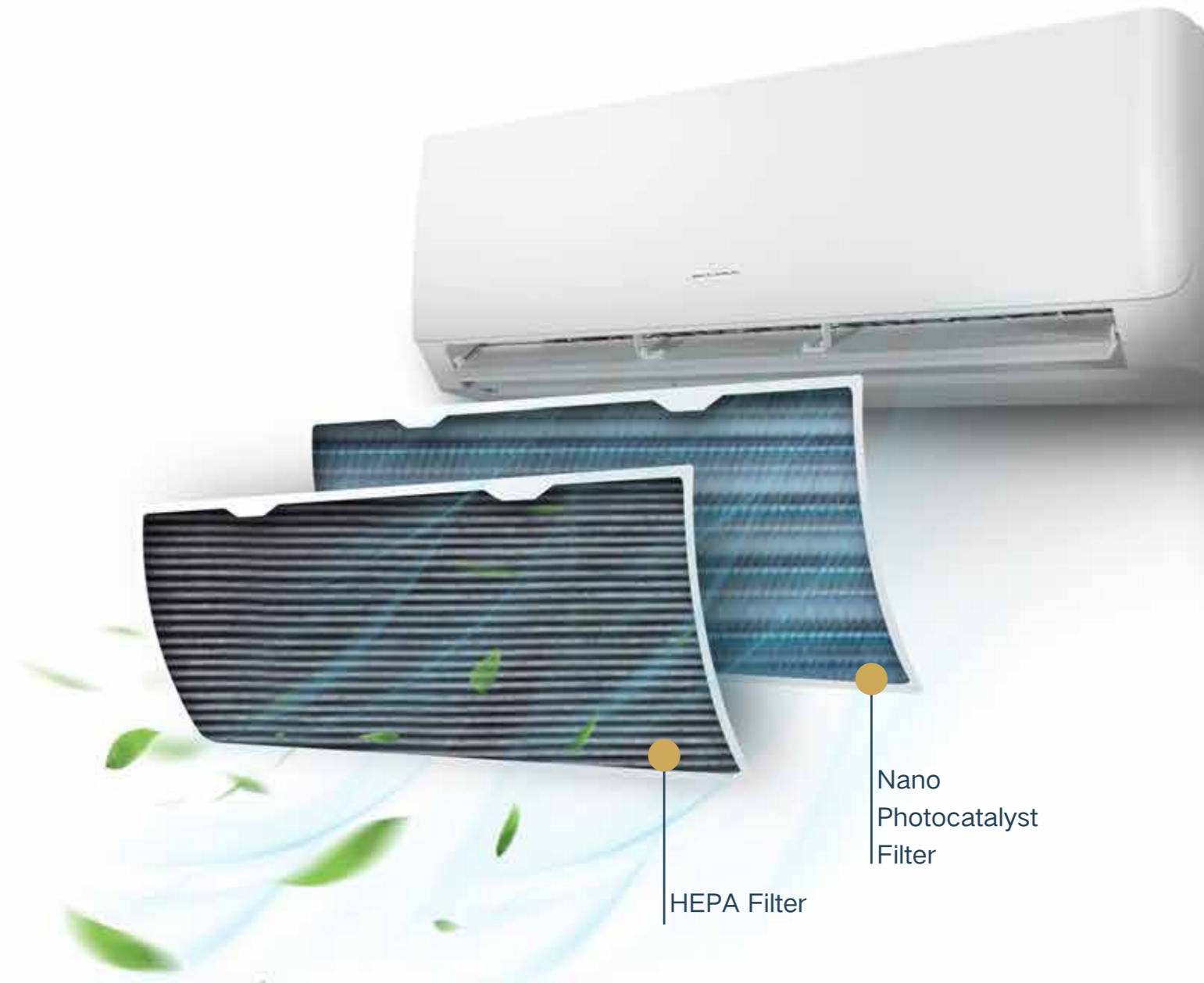
Nano photocatalyst filter is with nano dioxide and special active catalyst substances on the surface; so it can remove up to 95% of ammonia.



When the photocatalyst TiO_2 in the product contacts water or oxygen, it will react and finally produce hydroxyl radical (-OH) with high chemical activity. -OH has strong oxidation ability and can react with harmful gases in the air to remove harmful gas pollutants.

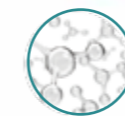
HEPA Filter

The filter fiber reduces the filtration resistance, increases the dust capacity, and can effectively filter and remove of dust particles and bacteria above 0.3 microns in the air. Therefore, the filter can purify the air and keep the air fresh. Also, the filter can purify liquid and do the oil treatment.

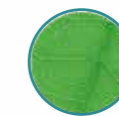


Note: Data sourced from Test Report 20-30-1356-12004; test condition: 40~60% (RH), 23~27°C(T)

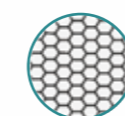
Other Filters



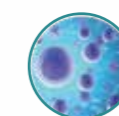
Silver ion filter
The antivirus rate of Staphylococcus aureus and Escherichia coli is over 95%



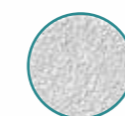
Catechin filter
The antivirus rate of Staphylococcus aureus and Escherichia coli is over 95%



Formaldehyde removal filter
Remove formaldehyde and hydrogen sulfide



Acaro bacterium filter
Effectively remove mites.



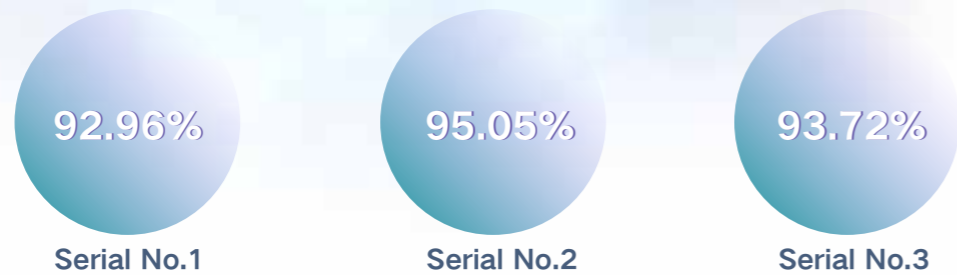
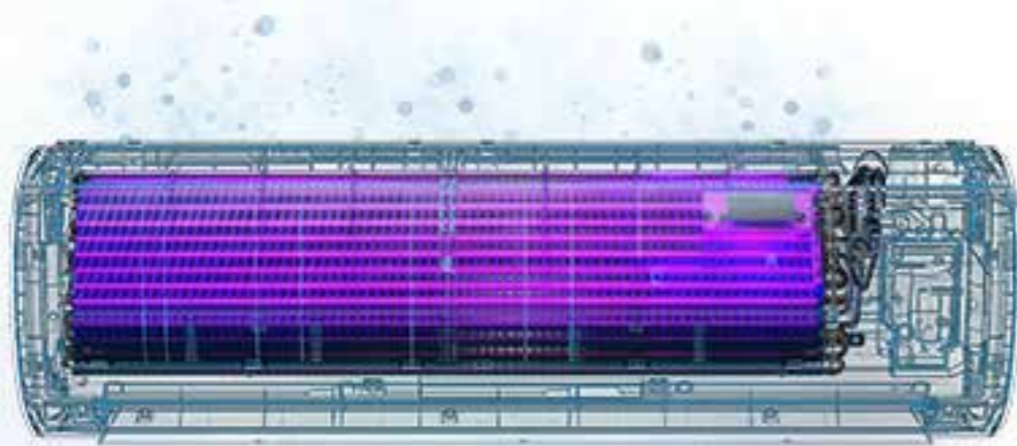
Chitin filter
Effectively prevent corrosion



C Vitamin C filter
Create a healthy and comfortable space

UVC Sterilization

Use UVC to continuously irradiate the evaporator and the air passing through it to effectively remove multiple bacteria for comprehensive and efficient sterilization.



Average death rate reached **93.91%**



Low power sealed UV lamp, safe and efficient

No ozone: The ultraviolet band of Gree UVC sterilization lamp is 270~280 nanometers, no photochemical smoke, ozone and other poisonous gas.

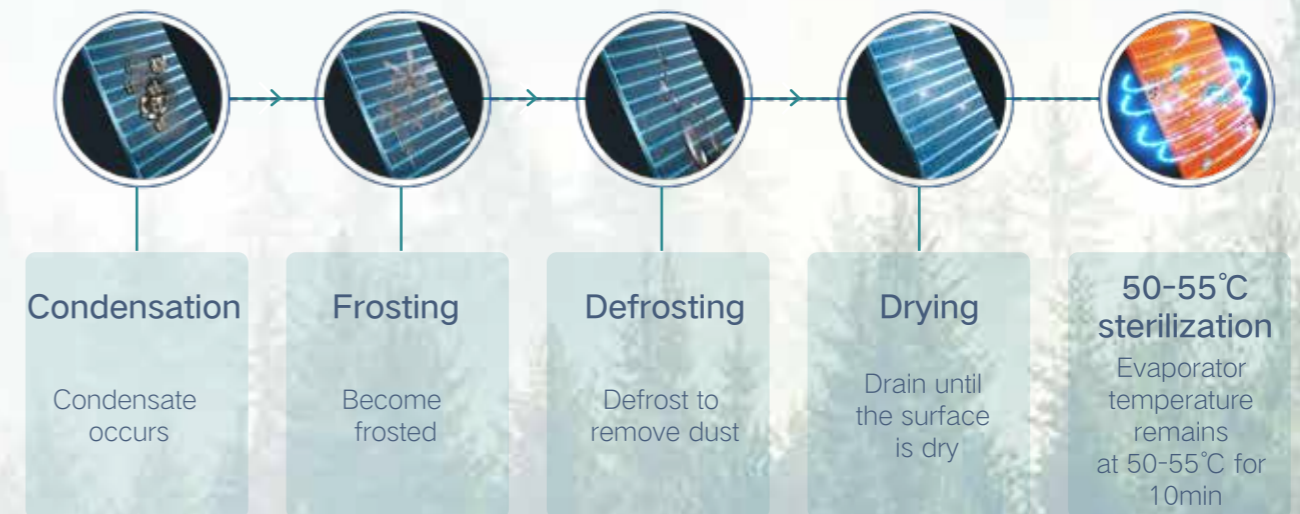
Sealed leakage prevention design: UVC lamp is placed at the position exposed to the evaporator directly to prevent the injury caused by the ultraviolet ray as well the aging of injection molded parts.

Low power LED ultraviolet light source: UVC-LED ultraviolet light source is non-toxic, convenient for operation and high-efficiency, which can effectively reduce the risk of hazards to human body for long-term exposure.

*Note: This data is from test report 2022FM00272R01.

Self-Cleaning

It is annoying that the evaporator is very easy to accumulate dust and bacteria. While Gree evaporator auto clean technology adopts five steps of “condensation, frosting, defrosting, drying and 50-55°C sterilization” to keep the evaporator clean for fresh air supply.



Note: Cooling-only units have four steps-----condensation, frosting, defrosting and drying; cooling and heating units have five steps-----condensation, frosting, defrosting, drying and 50-55°C sterilization.

Efficient and Intelligent Functions

Multiple Smart Controls for Your Smart Life



Key-card Control - Air Conditioner Starts When the Door Opens

How to enjoy the comfortable temperature immediately when you are back indoors? It can be realized with only one door card.

Gree air conditioner is equipped with Key-card Control function. By swiping your door card, the Key-card Control function will control the switch of the unit; when the door card is removed, the air conditioner will still keep working for 6mins and then be in standby state automatically.

No need remote controller to turn on the air conditioner, comfortable and convenient.



Note: This function is available for some models

Wifi Bluetooth efficient networking

Air conditioner is equipped with Wifi Bluetooth efficient networking function, which can automatically connect to the network and find nearby devices. Compared with traditional Wifi links, it improves the success rate of networking and reduces the networking steps, effectively improving the operation convenience and reliability of the product.

Search nearby devices

Confirm home WiFi

Connect the device

Network is connected

Building Management System

Smart Centralized Control, Easy to Control Multiple Units at the Same Time

By adopting Gree smart centralized controller, centralized control of on/off, mode, temperature and timer for 36 units at the most can be realized.

For large hotels, shopping malls, parking lots and other similar areas, centralized control of up to 255 devices can be realized by using BMS-Building Management System.



*Common household wired controllers XK76 and XE71 are compatible with centralized controllers CE52 as well as BACnet building control.

Comfortable and User-friendly Functions

Multiple Smart Controls for Your Smart Life

Surfing Louver, All-round Cool

Fully-closed motional large air louver



► Turbo Direct-Cooling Mode

Airflow has increased by 10%

► Air Supply from Long Distance is up to 15.5m

Realize big air circulation in the room

► Larger Air Swing Angle

User can define the air direction

2-mode Air Delivery

Airy not only excels in delivering superior airflow technology but also takes user experience to the next level by optimizing every detail for “unmatched comfort”.

► No direct air draught whether near or far

Mode 1 “” for near field

The Surfing Louver is slightly adjusted upwards, causing the cold air to flow along the wall and avoid blowing directly at people, providing a gentle and healthy cooling experience.



Mode 2 “” for far field

The Surfing Louver is horizontally adjusted to allow the cold air to sink from a higher position, preventing discomfort from direct blowing at close distances.



Fast Cool

Under fast cool mode, room temperature can be reduced quickly and you can feel cool and comfortable in only a few minutes. However, 20min later, the temperature and fan speed will resume previous setting state, energy-saving and comfortable.



FAST COOL

Tips for Fast Cooling Function

- Press "**FAST COOL**" button to turn on fast cooling mode.
- Press it once, the default temperature is **25°C(77°F)**, and the remote controller flashes for 5s. Press it twice, the default temperature is **16°C(61°F)**, and the remote controller flashes for 5s.
- In the flashing period, press "**▲**" or "**▼**" button to adjust the temperature. Press "**FAN**" button to adjust the fan speed. When flashing is over, the unit operates at the set temperature and fan speed.
- 20 minutes later, it will resume to the set temperature and the fan speed before fast cool mode setting.

3D Airflow

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.



I-Feel Mode

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.

Once I-Feel function is turned on, tensor temperature sense technology adopted by the remote controller can intelligently detect the temperature around you. It automatically sends the information to the unit every 10min and then the unit will automatically adjust the temperature.



7 Fan Speeds

Fan speed can be adjusted by a remote controller. These 7 fan speeds (quiet/ low/ low-medium/ medium/ medium-high/ high/ turbo) can satisfy various requirements. Turbo fan speed can quickly adjust room temperature, enabling you to feel the coolness immediately, while quiet fan speed enables you to enjoy the comfort quietly.



Adjustable Temperature under Auto Mode

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.



Safe and Reliable Functions

Various reliable design ensure products quality and reliability

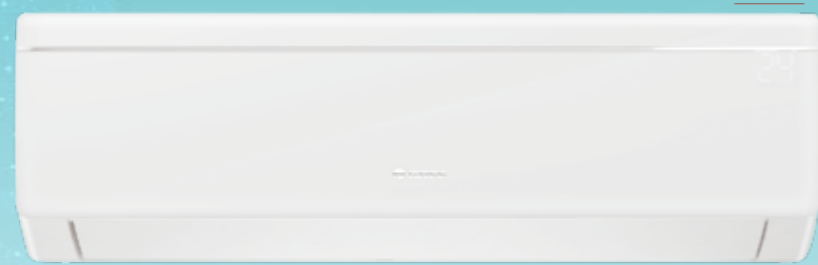
Golden Fin

The unit adopts high-end golden fin with five-layer sealing coating for high-efficiency and long-lasting protection; it's with features of super hydrophilicity, weather resistance, acid rain resistance, UV protection, corrosion resistance, wind erosion resistance, high temperature resistance and so on.



Self Diagnosis

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



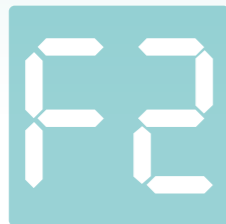
Normal display



Open/Short circuit of ambient temperature sensor: Dual-8 display shows **F1**



Open/Short circuit of outer tube temperature sensor: Dual-8 display shows **F4**



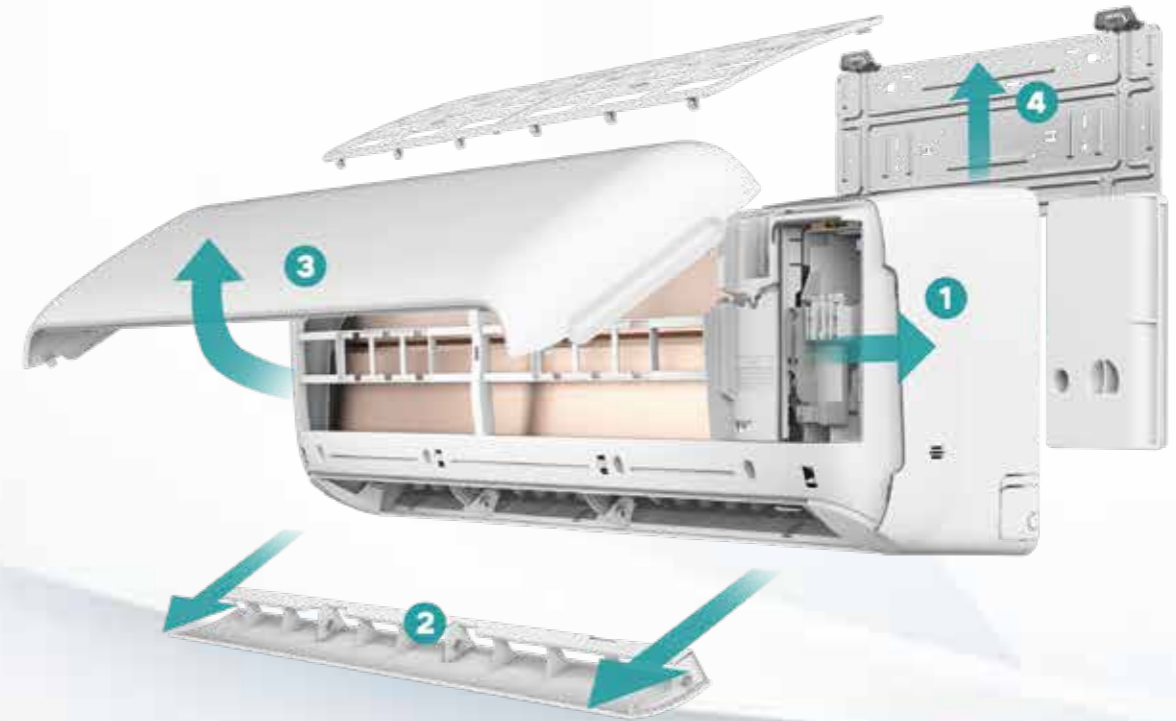
Open/Short circuit of inner tube temperature sensor: Dual-8 display shows **F2**



Overload protection: It will display **H3** (See overload protection function for more details)

If multiple errors happen at the same time, the corresponding error/protection codes will be displayed in turn

Simple Installation and Maintenance Offer You Worry-Free Use



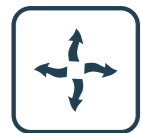
- 1 Quick mainboard disassembly design enables easy disassembly and maintenance by opening the panel only;
- 2 Air outlet is easy to remove for washing;
- 3 Integrated overhead filter can be disassembled directly for cleaning, no need to disassemble the unit;
- 4 English installation scale available*; clasp is enlarged to increase the pipe connection space for the convenience of installation

Note: This function is optional

Icon Interpretation

RAC ▲

◆ Comfortable and User-friendly



3D Airflow

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.



8°C Heating Mode

Under heating mode, the unit operates at 8°C to ensure constant room temperature for maintaining comfort and saving energy.



Fast Cool

Under Fast Cool 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.



Adjustable Temperature under Auto Mode

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.



Quiet Design

Indoor unit operates at ultra low fan speed under this mode for the lowest noise, offering you a quiet environment for study and working.



Comfortable Sleeping Mode

The unit slowly increases (cooling) or decreases (heating) the set temperature to satisfy the sleeping demand of users.



Vertical Auto Swing

The unit can automatically swing up and down to enhance the comfort



Horizontal Auto Swing

The unit can automatically swing left and right to enhance the comfort.



24-hour Timer

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)



Two-stage Compressor

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



7 Fan Speeds

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.



Long Air Supply Distance

Ultra-long-distance airflow delivery, bringing comfort to every corner.



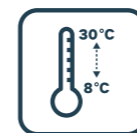
I-Feel

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.



Three Sleep Modes

The unit slowly increases (cooling) or decreases (heating) the set temperature to satisfy the sleeping demand of users.



8°C~30°C Adjustable Heating Mode

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.



Multiple Fan Speeds

The unit has 4 or 3 fan speeds--quiet, low, medium, high, which can satisfy various requirements.



Clock Timer

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)



Dry Mode

The air conditioner has dehumidification function and it can dehumidify during operation, which is convenient and fast.



Independent Smart Dehumidification

Airy can operate according to the humidity set by the user. It is specially designed with the continuous dehumidification function, which can meet the daily need for drying clothes.



Avoid Direct Airflow to People

Airflow to people is prevented - the cool air blows upward along the wall and then sinks, providing natural cooling for you.



Turbo

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.



Auto Restart

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.



Heating for 10h without Shutdown

Shortens the defrosting time of outdoor unit, reduces indoor temperature fluctuation and enables continuous heating for 10 hours without a stop.

Icon Interpretation

RAC ▲

◆ Convenient



LED Display

LED display can display clearly in front of a light source.



Key-card Control

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.



Two Modes of Buzzer Adjustable

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



Auto Light Sensor

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



Wired Control

Gree smart centralized controller can control on/off, mode, temperature and timer of 36 unit at the most in a centralized way.



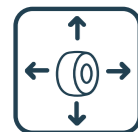
Concealed Handles

Concealed handles for easy movement



Anti-cold

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



Universal Castors

Universal castors for easy movement



Easy Installation and Maintenance

The air conditioner can be disassembled directly for cleaning and maintenance, and it's easy for installation.

◆ 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.



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.



Wifi Control

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



Smart Voice Control

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

◆ High-efficiency and Energy-saving



3DC Inverter

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



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.



Power Gear Control

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.



Intelligent Defrosting

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



High Efficiency

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

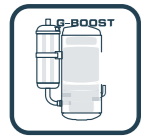


Anti-corrosion Evaporator

After high-temperature curing, the eco-friendly water-based coating will form a dense and low-porosity organic film on the surface of the substrate, which can effectively isolate common corrosives in the air.

Icon Interpretation

RAC



Stable cooling of compressor even at a high temperature of 68 ° C

G-Boost Inverter Compressor



Full Heat Exchange Two-way Ventilation. MiniERV (Mini Energy Recovery Ventilation) adopted innovative total heat two-way ventilation system. There is only heat exchange, ensuring air quality and satisfactory temperature.

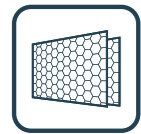
MiniERV



Cooling only units achieve self-cleaning through reverse running of the fan; heat pump units achieve self-cleaning through reverse running of the fan, condensation, frosting and defrosting. The cleaner the outdoor unit, the better the cooling effect and energy saving.

ODU Self-cleaning

◆ Healthy and Clean



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

Multi-functional Filters



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

Colasma Air Purification Technology



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.

X-fan



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.

IDU Self-cleaning



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

Real-time Monitoring of Air Quality



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

Filter Cleaning Reminder



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.

UV



Indoor and outdoor air exchange for fresh indoor air

Ventilation

◆ Safe and Reliable



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.

5-level Washing Water-electricity Separation



The anti-corrosion fins adopt special anti-corrosion materials; corrosion resistance and acid resistance of air conditioner will be reinforced under the humid environment.

Anti-corrosion Fin



The unit can operate stably under a wide voltage range, which is suitable for the regions with unstable power supply.

Wide Voltage Range



The AC or dehumidifier can be normally started up even the voltage is 10% lower than the normal one, safe and stable.

Low Voltage Startup



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.

Self-diagnosis



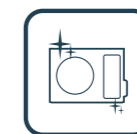
Electric box adopts new BMV fireproof material, safe and reliable.

Fire-proof Electric Box



When the refrigerant is insufficient or the valve is blocked, indoor unit will display error code " F0 " and stop operation to protect the unit.

Refrigerant Shortage Protection

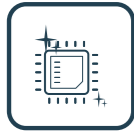


Chassis, panel, side plate and top cover are sprayed with electrostatic powder to against the neutral salt spray.

Anti-corrosion Protection of Outdoor Unit

Icon Interpretation

RAC



It can bear 1000h neutral salt spray test, much safer and more reliable.

3-layer Coating Protection for the Main Board



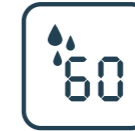
Epoxy zinc phosphate coating served as a protective film on the surface of the tubes.

Anti-corrosion Protection of Tubes



The dehumidifier has the function of auto fan, enables you to enjoy the dry and cool life at the same time.

Auto Fan



Display the humidity on time to get the environment more quickly.

Humidity Display



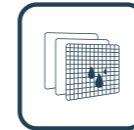
The rotation speed of inverter compressor increases step by step at the time of startup to prevent the power grid from excessive fluctuation for increasing the startup safety.

Soft Start



When Child Lock function is activated, misoperation from children will be avoided. Potential risks can also be avoided.

Child Lock



If the evaporator is frosted, the dehumidifier can defrost automatically and continue to run.

Intelligent Defrosting



Button-touch button instantly starts the sensory world, which brings excellent experience to consumers.

Touch Control



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

Intelligent Auto-restart



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.

Continuous Drainage



The dehumidifier can preset dehumidification 24h in advance.

24h Preset



You can drain easily by removable water tank.

Removable Water Tank

◆ Dehumidifier



Dehumidifier can always be in continuous dehumidification state, without fear of environmental humidity changes.

Continuous Dehumidification



Low temperature dehumidification and stable operating under 2°C.

Low Temperature Dehumidification



Turbo Boost Clothes Drying System

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.



Air Flow



Beep

Touch sound can be turned off by pressing the button to ensure comfortable sleep.



External Drain Connector

External drain connector, not to worry about leakage after pulling out the hose.

FUNCTIONS GUIDE

WALL-MOUNTED TYPE

Airy		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
S-cool		✓	✓	✓	✓	✓	✓	✓	✓	✓			
Soyal		✓	✓	✓	✓	✓	✓	✓	✓			✓	
Clivia		✓	✓	✓	✓	✓	✓	✓	Optional	✓			
G-Tech		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Fairy		✓	✓	✓		✓	✓	✓	✓	Optional	✓		
Pular		✓	✓	✓	✓	✓	✓	✓	✓	Optional	✓		
Cosmo		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Charmo		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Aphro			✓	✓		✓	✓	✓	✓	Optional	✓	✓	
Console		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

	✓	✓	✓	✓	Optional	✓	✓	✓	✓	✓	✓	✓	✓	Optional	✓	✓	✓
	✓	✓	✓	✓	Optional	✓	✓	✓	Optional	✓	✓	✓	✓	Optional	✓	✓	✓
	✓	✓	✓	✓	Optional	✓	✓	✓	Optional	✓	✓	✓	✓	Optional	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	Optional	✓	✓	✓	Optional	✓	✓	✓	✓	Optional	✓	✓	✓
	✓	✓	✓	✓	Optional	✓	✓	✓	Optional	✓	✓	✓	✓	Optional		✓	✓
	✓	✓	✓	✓	Optional	✓	✓	✓	Optional	✓	✓	✓	✓	Optional	✓	✓	✓
	✓	✓	✓	✓	Optional	✓	✓	✓	Optional	✓	✓	✓	✓	Optional		✓	✓
	✓	✓	✓	✓	Optional	✓	✓	✓	Optional	✓	✓	✓	✓	Optional		✓	✓

FLOOR-STANDING TYPE

I-Shine		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
T-Fresh		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	

	✓		✓	Optional	✓		Optional	✓	✓	✓	✓	✓	✓	Optional	✓	✓	✓
	✓		✓	Optional	✓	✓	✓	✓	✓	✓	✓	✓	✓	Optional	✓	✓	✓

WINDOW TYPE



Coolani



Optional Optional

PORTABLE TYPE



Aovia



Optional



Optional

Aolis



Optional

Optional

Purity



Optional

Optional

DEHUMIDIFIER



Verty



Aovia



Optional



Optional Optional Optional

Aolis



Optional



Optional Optional Optional

Aomi



Optional



Optional Optional Optional

Chalet



Optional



Optional

Granto



Optional



Optional Optional Optional

Petal



Optional



Optional

RECRATION VEHICLE


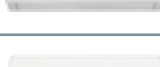
















Gocool



Optional

PRODUCTS OVERVIEW

WALL-MOUNTED TYPE		Capacity(Btu/h) Information	7000	9000	12000	18000	24000	Page
Airy		Inverter,R32		●	●	●	●	41
S-cool		Inverter,R32		●	●	●		43
Soyal		Inverter,R32		●	●			47
Clivia		Inverter,R32		●	●	●	●	47
G-Tech		Inverter,R32		●	●	●		49
Fairy		Inverter,R32		●	●	●	●	50
Pular		Inverter,R32	●	●	●	●	●	52
Cosmo		Inverter,R32	●	●	●	●	●	52
Charmo		Inverter,R32	●	●	●	●	●	53
Aphro		Inverter,R32	●	●	●	●	●	55
Console		Inverter,R32		●	●	●		55
FLOOR-STANDING		Capacity(Btu/h) Information	24000		48000		Page	
I-Shine		Inverter,R32	●				59	
T-Fresh		Inverter,R32	●			●	61	
WINDOW TYPE		Capacity(Btu/h) Information	9000		12000		Page	
Coolani		R32	●			●	65	
PORTABLE TYPE		Capacity(Btu/h) Information	5000	7000	9000	10000	12000	Page
Aovia		On-Off,R290	●	●	●	●	●	69

Aolis		On-Off,R290	●	●	●	●	●	71					
Purity		On-Off,R290		●	●			72					
DEHUMIDIFIER		Capacity(Btu/h) Information	10	12	16	20	24	30	40	Page			
Verty		R290						●		75			
Aovia		R290	●	●	●	●	●			77			
Aolis		R290	●	●	●	●	●			78			
Aomi		R290			●	●	●			79			
Chalet		R290						●	●	80			
Granto		R290	●	●	●					81			
Petal		R290	●	●						82			
RECREATION VEHICLE AC		Capacity(Btu/h) Information	85000			90000		120000		Page			
Gocool		DC Inverter,R32				●		●		85			
		DC Inverter,R32		●				●					
LIGHT COMMERCIAL		Capacity(Btu/h) Information	12000	14000	18000	21000	24000	28000	36000	42000	46000	54000	Page
Free Match		Outdoor Unit, Inverter,R32		●	●	●	●	●	●	●			93
U-match		DC Inverter,R32	●		●		●	●	●	●	●	●	98

WALL-MOUNTED TYPE

- Airy
- Soyal
- G-Tech
- Pular
- Charmo
- Console
- S-cool
- Clivia
- Fairy
- Cosmo
- Aphro





WALL-MOUNTED TYPE

Airy

Features: Standard Optional

- | | | | | | | | | |
|-------------------------------|----------------------------------|---|--------------------|---------------------|---------------------------|------------------------------------|----------------------------------|--|
| G-AI Energy-saving Technology | 8°C-30°C Adjustable Heating Mode | Efficient Bluetooth Distribution Network | Power Gear Control | 3D Airflow | Quiet Design | 8°C Heating Mode | Three Sleep Modes | Adjustable Temperature under Auto Mode |
| I-Feel | 24-hour Timer | Soft Start | Dry Mode | Turbo | Auto Restart | LED Display | 7 Fan Speeds | Wifi Control |
| Intelligent Auto-Restart | UV | Key-card Control | Wired Control | Smart Voice Control | Child Lock | Intelligent Defrosting | Multi-functional Filters | Colasma Air Purification Technology |
| X-Fan | Continuous Dehumidification | IDU Self-cleaning | Anti-corrosion Fin | Wide Voltage Range | Fire-proof Electric Box | Anti-corrosion Protection of Tubes | Low Voltage Startup | Self-Diagnosis |
| Auto Fan | Refrigerant Storage Protection | Anti-Corrosion Protection of Outdoor Unit | 3DC Inverter | Auto Light Sensor | Comfortable Sleeping Mode | Avoid Direct Airflow to People | Heating for 10h without Shutdown | Independent Smart Dehumidification |
| Long Air Supply Distance | Fast Cool | | | | | | | |

Fully-closed motional large air louver

 15.5m Air supply distance up to 15.5m	 ↑10% Air supply volume up by 10%	 Large air swing angle	 Anti direct blow
---	--	---------------------------	----------------------

2-mode Air Delivery

Direct air supply in near field and far field is prevented for more comfort.

Mode 1 “” for near field



Mode 2 “” for far field



Continuous Heating Technology

Defrost logic based on frost growth and system parameter, so as to constantly keep heating during defrosting without shut down.

<p>Room temperature fluctuation is smaller during defrosting (0.7~1.7°C Vs. 6~8°C)</p>	<p>10-hour continuous heating without a stop</p>
	<p>Defrosting time about 2~3min (2~3min Vs. 8~12min)</p>

Elegant Appearance



Vertical texture emphasizes the side layer and looks thinner.
Fully-closed air outlet design, dustproof and beautiful.

Simple tension design, square shape with rounded corners.
Partial silver plating embellishes drawing texture and creates space sense.

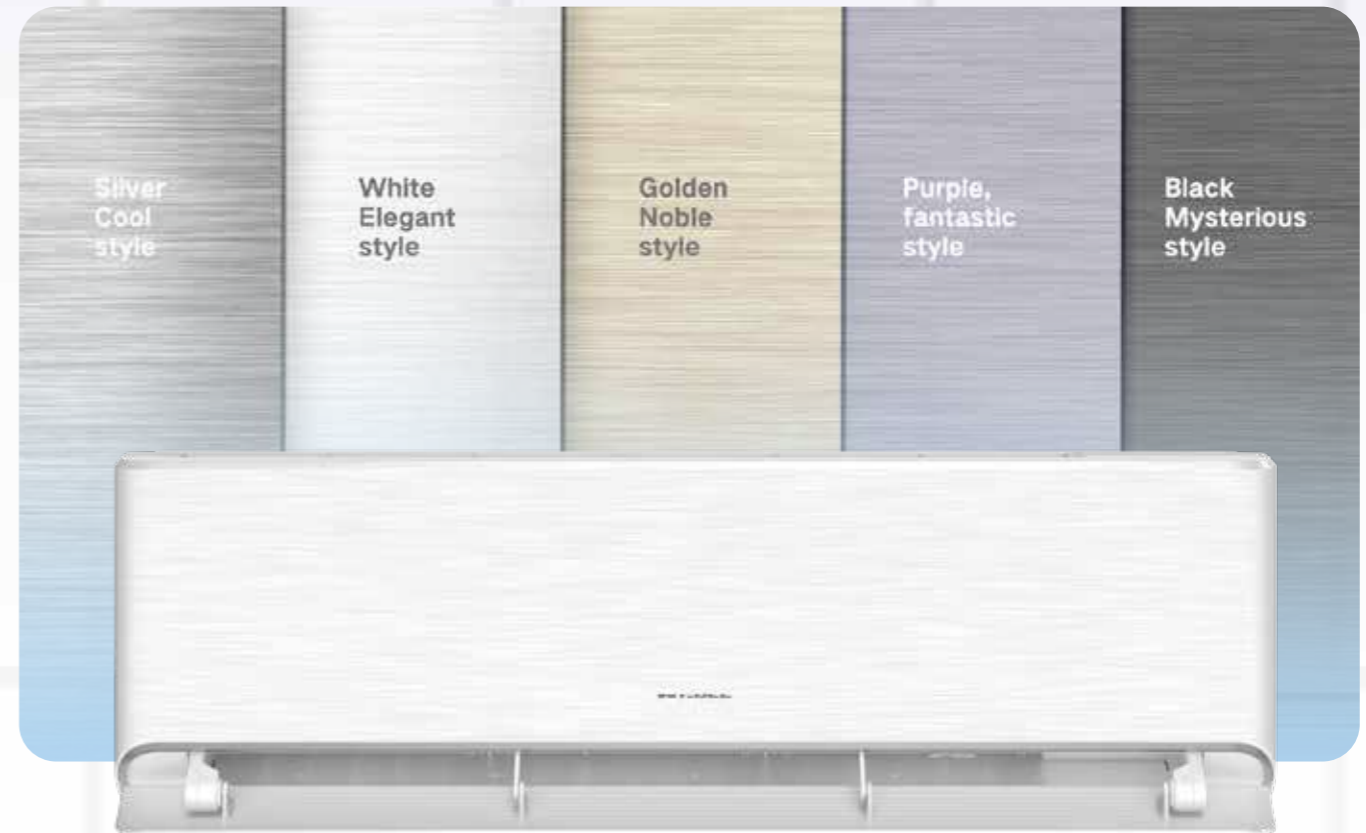


Injection molding etching and spraying process is adopted to simulate metal texture and embellish high quality life.



5 Colours

Multiple colors for your option
The best partner of high-end quality


































WALL-MOUNTED TYPE

S-cool

Features: Standard Optional

- | | | | | | | | | |
|---|--|---|--|--|--|--|--|---|
| 
3D Airflow | 
LED Display | 
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 | 
Colasma Air Purification Technology | 
X-Fan | 
IDU 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 | 
Multi-functional Filters |
| 
Anti-corrosion Fin | 
Anti-corrosion Protection of Outdoor Unit | | | | | | | |

Soyal



Intelligent eye

Heat source sensing system with high-quality sensor in the industry. The sensor has a built-in 8×8 matrix 64-pixel high definition infrared probe, which provides a mechanical rotation angle of 180° in detection period and an effective viewing angle of 120°. High-precision detection enables precise control of the air conditioner.

Gree innovative heat source sensing air supply technology

Air supply follows people: In this mode, the air conditioner can automatically sense your position and adjust the swing angle. The air supply will follow people for rapid cooling.

Air supply follows people

In this mode, the air conditioner will automatically sense your position and adjust the airflow direction accordingly.



Air supply avoids people

In this mode, the air conditioner will automatically sense your position and adjust the airflow direction accordingly so as to avoid it from blowing directly to people.



Surrounded air supply

In this mode, the air conditioner swings automatically from left to right. When the air swings over the human body, it automatically accelerates to swing in an instant, and then slows down the speed, just like surrounded by the natural breeze.



Energy-saving operation when nobody in the room

Soyal's unique "unmanned energy saving" function* will automatically switch the unit to a low-frequency operation state to achieve energy saving when it detects that there is no one in the room.



Features: Standard Optional

- | | | | | | | | |
|--------------|--|--------------------------|--------------------|---|---------------------------------|--------------|-------------------------------------|
| 3D Airflow | LED Display | 7 Fan Speeds | Quiet Design | 24-hour Timer | Child Lock | Dry Mode | Colasma Air Purification Technology |
| Turbo | Filter Cleaning Reminder | Three Sleep Modes | Auto | I-Feel | Intelligent Auto-Restart | X-Fan | IDU 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 | Efficient Bluetooth Distribution Network | Multi-functional Filters | Anti-corrosion Fin | Anti-Corrosion Protection of Outdoor Unit | | | |

Clivia



Features: Standard Optional

- | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Smart humidity control

It is the first time that Gree combines temperature, humidity and energy efficiency variables to form the optimal temperature and humidity curve of human body with energy saving, and select the most comfortable humidity range, so that comfort and energy saving can be available by the users at the same time.



Clothes drying function

Clivia is specially designed with the continuous dehumidification function, which can meet the daily need for drying clothes. User doesn't need to place a dehumidifier at home and just an air conditioner can achieve both cooling and clothes drying.



Humidity is controllable

Clivia can also operate according to the humidity set by the user, considerate for every special demand of the user.

Operation mode	Humidity setting range
Cooling mode	40~80%
Dehumidification mode	30~70%



Auto Light Sensor

Clivia has a built-in light sensor that automatically senses the light changes in the surrounding environment of the unit. It automatically increases the light during the day to make it clearly seen and decreases it at night to make it not irritating to eyes.



Two Modes of Buzzer Adjustable

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

Colorful Appearances

Multiple colors are optional for different decoration needs.



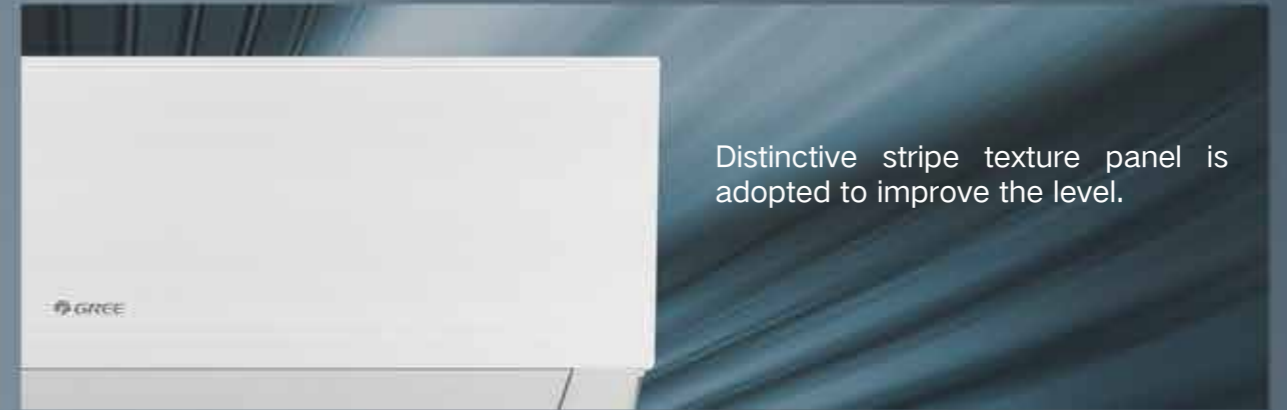
White

Silver

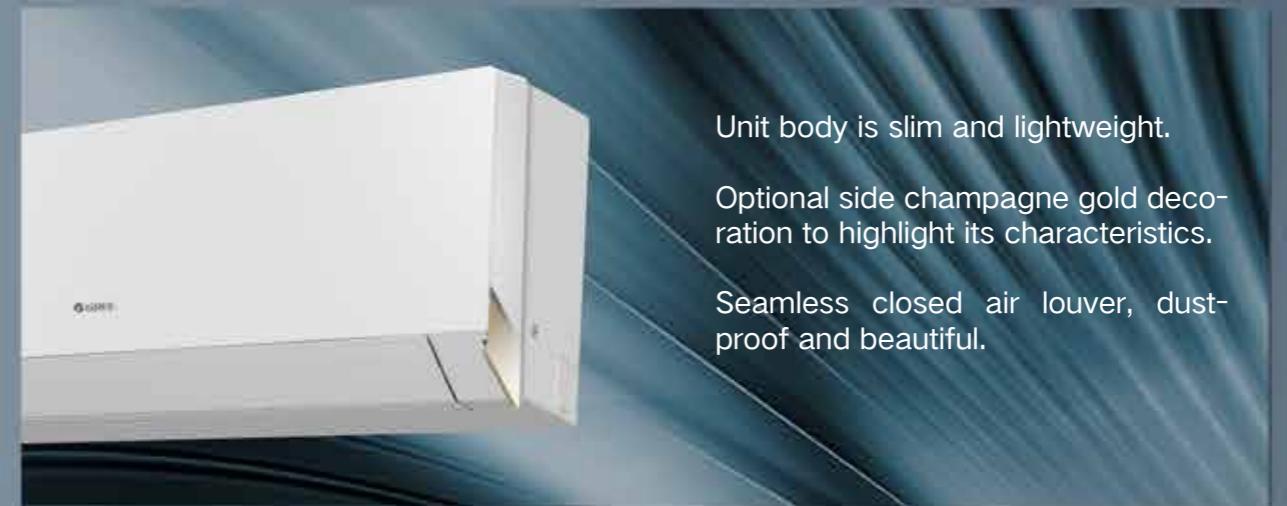
Champagne

Blue

Black



Distinctive stripe texture panel is adopted to improve the level.



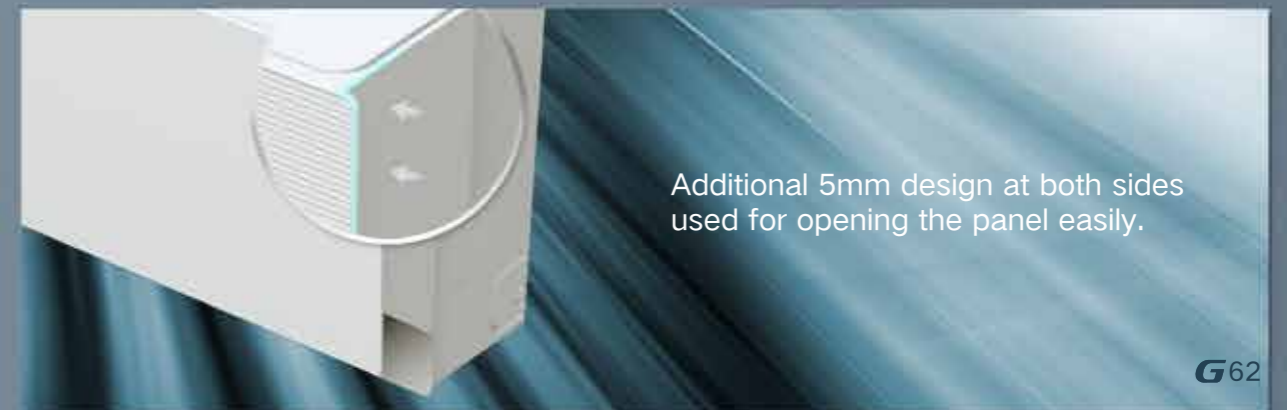
Unit body is slim and lightweight.

Optional side champagne gold decoration to highlight its characteristics.

Seamless closed air louver, dust-proof and beautiful.



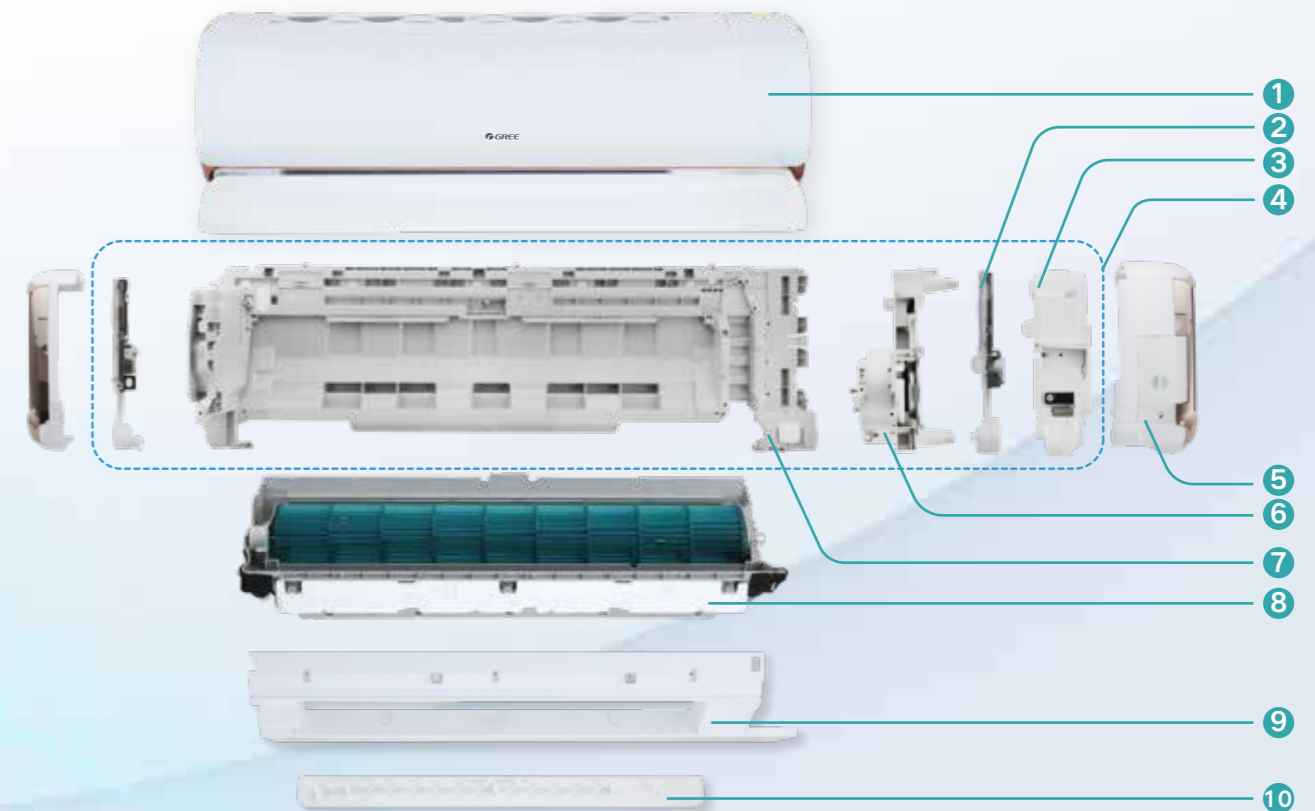
Integrated external filter can be removed directly for cleaning, no need to disassemble the unit.



Additional 5mm design at both sides used for opening the panel easily.

G-Tech

All parts are removable and washable, the maintenance and replacement speed is much faster, which can greatly improve the efficiency.



Features: Standard Optional

- | | | | | | | | |
|--------------|--------------------------|---------------------|--|--|-------------------------------------|---|--------------------|
| LED Display | 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 | Colasma Air Purification Technology | X-Fan | IDU Self-cleaning |
| Auto Restart | Wide Voltage Range | Low Voltage Startup | Self-Diagnosis | Fire-proof Electric Box | Refrigerant Shortage Protection | 3DC Inverter | Soft Start |
| 3D Airflow | Filter Cleaning reminder | Anti-cold | Efficient Bluetooth Distribution Network | 5-level Washing Water-electricity Separation | Multi-functional Filters | Anti-Corrosion Protection of Outdoor Unit | Anti-corrosion Fin |

- 1 Outer case
- 2 Right drive case
- 3 Electric box
- 4 No electric parts involved in disassembly
- 5 Right decorative board
- 6 Motor base
- 7 Base
- 8 Water channel
- 9 Air outlet
- 10 Air guide louver

Fairy



Features: Standard Optional

- | | | | | | | | |
|--|--------------------------|--------------------|---|---------------------|------------------------------------|--------------------------|-------------------------------------|
| | | | | | | | |
| 3D Airflow | LED Display | Soft Start | Quiet Design | 24-hour Timer | Clock Timer | Child Lock | Dry Mode |
| | | | | | | | |
| Turbo | Wifi | Anti-cold | Three Sleep Modes | Auto | I-Feel | Intelligent Auto-Restart | Colasma Air Purification Technology |
| | | | | | | | |
| X-Fan | IDU Self-cleaning | Auto Restart | Wide Voltage Range | Low Voltage Startup | Self-Diagnosis | Fire-proof Electric Box | Refrigerant Shortage Protection |
| | | | | | | | |
| Efficient Bluetooth Distribution Network | Multi-functional Filters | Anti-corrosion Fin | Anti-Corrosion Protection of Outdoor Unit | Fast Cool | Low Watt Intelligent Energy Saving | | |

Pular



Features: Standard Optional

- | | | | | | | | |
|-------------------|--------------|--|--------------------------|--------------------|---|-------------------------------------|--------------|
| | | | | | | | |
| 3D Airflow | LED Display | 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 | Colasma Air Purification Technology | X-Fan |
| | | | | | | | |
| IDU 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 | Efficient Bluetooth Distribution Network | Multi-functional Filters | Anti-corrosion Fin | Anti-Corrosion Protection of Outdoor Unit | Fast Cool | |

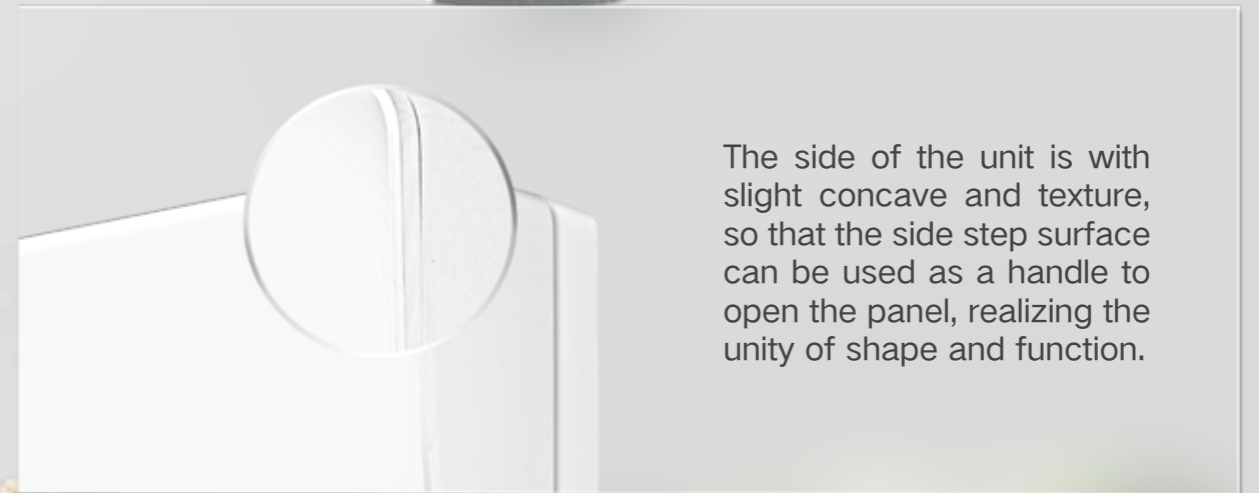


Concise Appearance

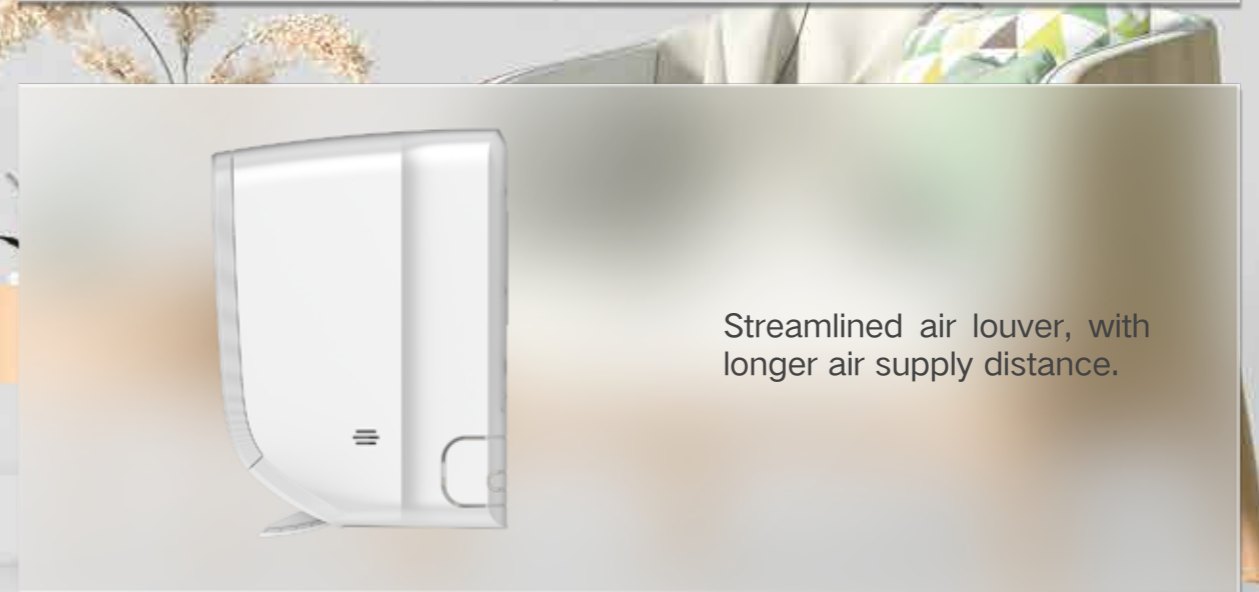
Overall concise and elegant



Unique streamlined design. Gentle and elegant.



The side of the unit is with slight concave and texture, so that the side step surface can be used as a handle to open the panel, realizing the unity of shape and function.



Streamlined air louver, with longer air supply distance.

WALL-MOUNTED TYPE

Cosmo





























Features: Standard Optional

- | | | | | | | | | |
|--------------------|---|----------------|-------------------------|---------------------------------|-------------------------------------|------------|-------------------|--------------------------|
| 3D Airflow | LED Display | 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 | Colasma Air Purification Technology | X-Fan | IDU Self-cleaning | Auto Restart |
| Wide Voltage Range | Low Voltage Startup | Self-diagnosis | Fire-proof Electric Box | Refrigerant Shortage Protection | Soft Start | Anti-cold | 3DC Inverter | Multi-functional Filters |
| Anti-corrosion Fin | Anti-corrosion Protection of Outdoor Unit | Fast Cool | | | | | | |



WALL-MOUNTED TYPE

Charmo Features: Standard Optional

- | | | | | | | | |
|--|--|---|---|---|---|---|--|
| 
3D Airflow | 
LED Display | 
7 Fan Speeds | 
Quiet Design | 
24-hour Timer | 
Clock Timer | 
Child Lock | 
Dry Mode |
| 
Turbo | 
Fast Cooling | 
Wifi | 
Three Sleep Modes | 
Auto | 
I-Feel | 
Intelligent Auto-Restart | 
Colasma Air Purification Technology |
| 
X-Fan | 
IDU Self-cleaning | 
Auto Restart | 
Wide Voltage Range | 
Low Voltage Startup | 
Self-Diagnosis | 
Fire-proof Electric Box | 
Refrigerant Shortage Protection |
| 
Anti-Corrosion Protection of Outdoor Unit | 
Soft Start | 
Anti-cold | 
Efficient Bluetooth Distribution Network | 
Multi-functional Filters | 
Anti-corrosion Fin | 
Power Gear Control | |

Aphro



Features: Standard Optional

- | | | | | | | | |
|---|---------------------------------|-------------|-------------------|--------------|--|---------------------------|--------------------|
| LED Display | 24-hour Timer | Clock Timer | Child Lock | Dry Mode | Turbo | Comfortable Sleeping Mode | Auto |
| I-Feel | Intelligent Auto-Restart | X-Fan | IDU Self-cleaning | Auto Restart | Wide Voltage Range | Low Voltage Startup | Self-Diagnosis |
| Fire-proof Electric Box | Refrigerant Shortage Protection | Soft Start | Anti-cold | Wifi Control | Efficient Bluetooth Distribution Network | Multi-functional Filters | Anti-corrosion Fin |
| Anti-Corrosion Protection of Outdoor Unit | Fast Cool | | | | | | |

Console



Features: Standard Optional

- | | | | | | | | |
|---|-------------------------|---------------------------------|---------------|-------------------------------------|--|--------------------------|---------------------|
| LED Display | 7 Fan Speeds | Quiet Design | 24-hour Timer | Clock Timer | Child Lock | Dry Mode | Turbo |
| Wifi | Three Sleep Modes | Auto | I-Feel | Colasma Air Purification Technology | X-Fan | Auto Restart | Low Voltage Startup |
| Self-Diagnosis | Fire-proof Electric Box | Refrigerant Shortage Protection | Soft Start | Anti-cold | Efficient Bluetooth Distribution Network | Multi-functional Filters | Anti-corrosion Fin |
| Anti-Corrosion Protection of Outdoor Unit | | | | | | | |

FLOOR- STANDING TYPE

- I-Shine
- T-Fresh






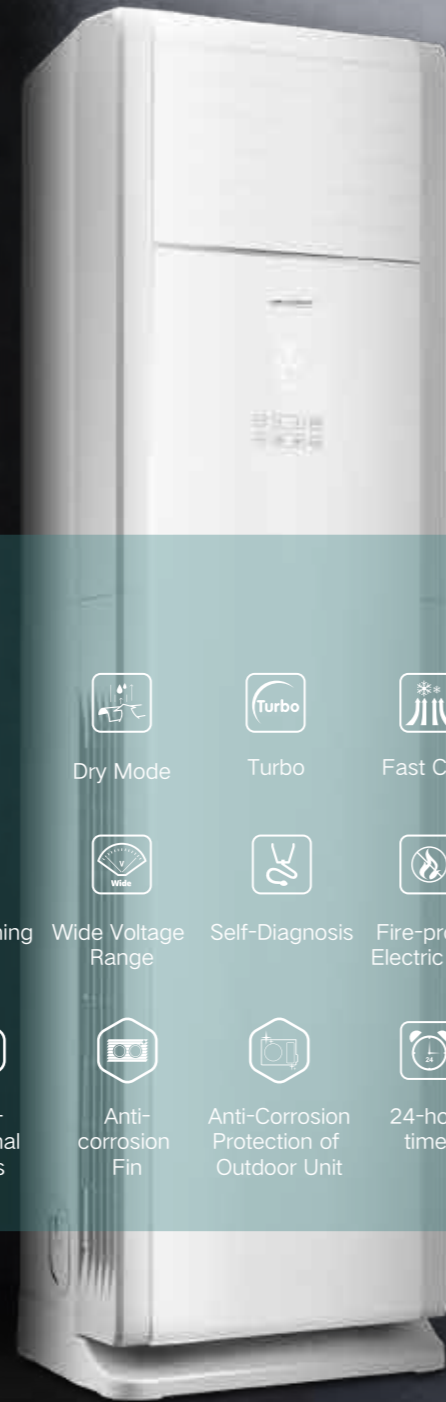
FLOOR-STANDING TYPE

I-Shine

Features: Standard Optional

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

T-Fresh



Features: Standard Optional

3D Airflow	LED Display	LCD Display	Auto	Dry Mode	Turbo	Fast Cool	Wifi
Filter Cleaning Reminder	Comfortable Sleeping Mode	Intelligent Auto-Restart	Self-cleaning	Wide Voltage Range	Self-Diagnosis	Fire-proof Electric Box	Refrigerant Shortage Protection
3DC Inverter	Soft Start	Anti-cold	Multi-functional Filters	Anti-corrosion Fin	Anti-Corrosion Protection of Outdoor Unit	24-hour timer	X-Fan

Fully-closed air outlet

The air outlet can be completely closed to avoid dust from entering, safeguarding the health of your family.



Side filter design

The filter can be drawn from one side. It is easy to detach and clean. Enjoy easy cleaning.



WINDOW TYPE














- Coolani



Coolani



Features: Standard Optional

 Horizontal Auto Swing	 LED Display	 Multiple Fan Speeds	 Comfortable Sleeping Mode	 24-hour Timer	 Dry Mode	 Intelligent Auto-Restart	 Auto Restart
 Wide Voltage Range	 Low Voltage Startup	 Self-Diagnosis	 Multi-functional Filters	 Anti-corrosion Fin			

PORTABLE TYPE

- Aovia
- Aolis
- Purity



Aovia

10k/12k



5k/7k/9k



Features: Standard Optional



Auto



Multiple Fan
Speeds



LED Display



Dry Mode



Comfortable
Sleeping Mode



Timer



Self Diagnosis



Auto Restart



Easy
Roll Casters



Vertical
Auto Swing



X-Fan















Multi-functional
Filters






Aolis

Purity

Features: Standard Optional

Features: Standard Optional

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

-  Auto
-  Multiple Fan Speeds
-  LED Display
-  Dry Mode
-  Comfortable Sleeping Mode
-  24-hour Timer
-  Self Diagnosis
-  Auto Restart
-  Easy Roll Casters
-  Multi-functional Filters
-  X-Fan

*Vertical auto swing function is optional for 5k/7k/9k.



5k/7k/9k



10k/12k



7k/9k

DEHUMIDIFIER

- Verty
- Aolis
- Chalet
- Petal
- Aovia
- Aomi
- Granto



Verty



Features: Standard Optional

- | | | | | | | | |
|---|--|---|---|--|---|--|--|
| 
Humidity Display | 
Multiple Fan Speeds | 
Air Flow | 
Auto | 
Vertical Auto Swing | 
LED Display | 
Quiet Design | 
24-hour Timer |
| 
Self Diagnosis | 
Auto Restart | 
Intelligent Defrost | 
Water Level Display | 
Water Full Indicator | 
Water Overflow Protection | 
External Drain Connector | 
Removable Water Tank |
| 
Filter Cleaning Reminder | 
Easy Roll Casters | 
UV | 
Multi-functional Filters | 
Colasma Air Purification Technology | | | |

Aovia

Features: Standard Optional

- Humidity Display
- Multiple Fan Speeds
- Air Flow
- LED Display
- Quiet Design
- 24-hour Timer
- Self Diagnosis
- Auto Restart
- Intelligent Defrost
- Water Full Indicator
- Water Overflow Protection
- External Drain Connector
- Removable Water Tank
- Easy Roll Casters
- Multi-functional Filters
- UV



Aolis

Features: Standard Optional

- Humidity Display
- Multiple Fan Speeds
- LED Display
- Quiet Design
- 24-hour Timer
- Self Diagnosis
- Auto Restart
- Intelligent Defrost
- Water Full Indicator
- Water Overflow Protection
- External Drain Connector
- Removable Water Tank
- Easy Roll Casters
- Multi-functional Filters
- UV
- Colasma Air Purification Technology



Aomi

Features: Standard Optional

- Humidity Display
- Multiple Fan Speeds
- LED Display
- Quiet Design
- 24-hour Timer
- Self Diagnosis
- Auto Restart
- Intelligent Defrost
- Water Full Indicator
- Water Overflow Protection
- External Drain Connector
- Removable Water Tank
- Easy Roll Casters
- Multi-functional Filters
- UV
- Colasma Air Purification Technology



Chalet

Features: Standard Optional

- Humidity Display
- Multiple Fan Speeds
- LED Display
- Quiet Design
- 24-hour Timer
- Self Diagnosis
- Auto Restart
- Intelligent Defrost
- Water Level Display
- Water Full Indicator
- Water Overflow Protection
- External Drain Connector
- Removable Water Tank
- Easy Roll Casters
- Multi-functional Filters



Granto

Features: Standard Optional



Humidity Display



Multiple Fan Speeds



LED Display



Quiet Design



24-hour Timer



Self Diagnosis



Auto Restart



Intelligent Defrost



Water Level Display



Water Full Indicator



Water Overflow Protection



External Drain Connector



Removable Water Tank



Easy Roll Casters



Multi-functional Filters



UV



Colasma
Air Purification
Technology



G 97

Petal

Features: Standard Optional



Humidity Display



Multiple Fan Speeds



LED Display



Quiet Design



Self Diagnosis



Auto Restart



Intelligent Defrost



Water Level Display



Water Full Indicator



Water Overflow Protection



External Drain Connector



Removable Water Tank



Easy Roll Casters



Multi-functional Filters



G 98

VEHICLE AIR CONDITIONER

- Gocool



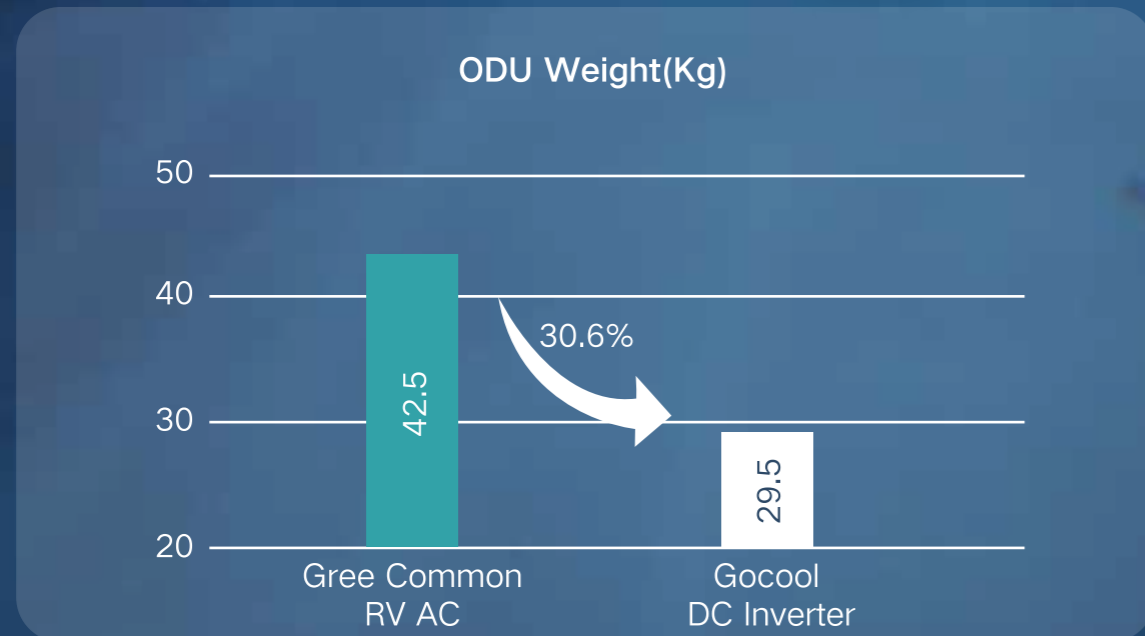
Gocool

Compact Size

We use high quality PP plastic for the casing of the outdoor unit (EPP foam for the base) to ensure a solid body. The weight of the outdoor unit is down by 17.6%, which lowers the gravity center of the vehicle and makes the driving agile and steady. Flexible material is adopted to reduce mechanical vibration and avoid sympathetic vibration, enabling a quiet space inside the vehicle.

pp plastic

Lighter outdoor unit
Less mechanical vibration
Quiet and more comfortable

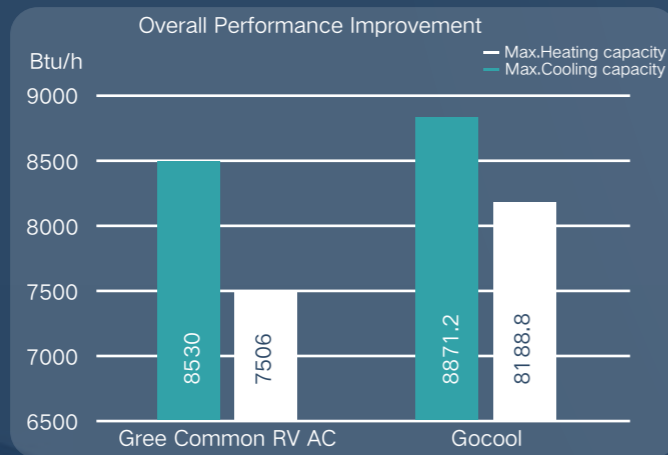


Features: Standard Optional

- LED Display
- Multiple Fan Speeds
- Comfortable Sleeping Mode
- 24-hour Timer
- Dry Mode
- Auto Restart
- Self-Diagnosis
- Filter Cleaning Reminder
- Anti-cold
- Turbo
- Wifi Control
- Fast Cooling
- Child Lock
- Multi-functional Filters

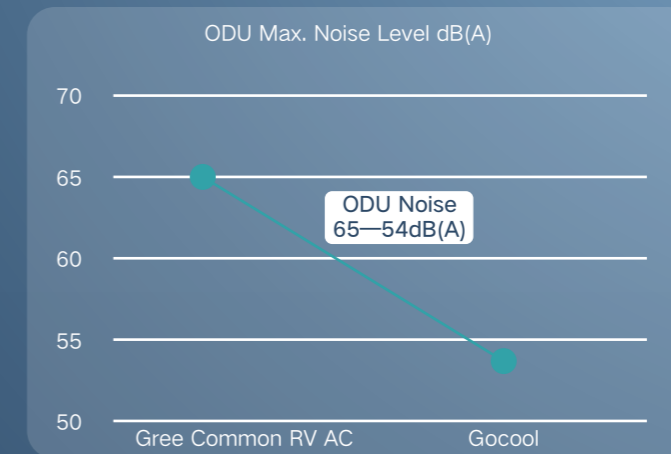
Strong Performance

Gocool is equipped with a brand new type vertical heat exchanger and a high-performance rotary compressor to improve heat exchange efficiency. It achieves greater improvement both in cooling and heating capacity, providing ultimate comfort for your travel.



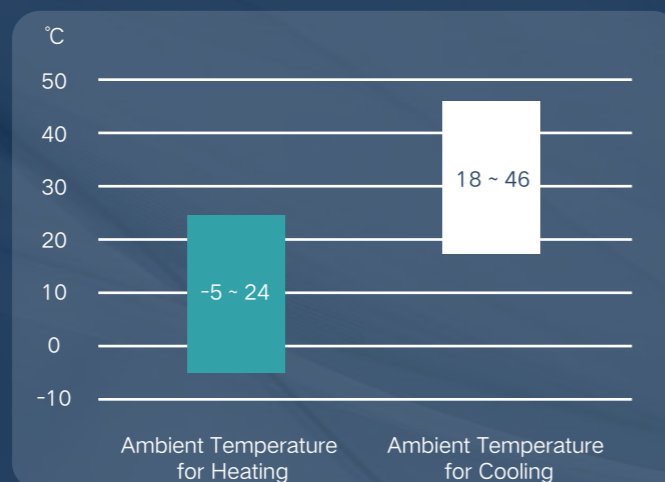
Efficient Noise Reduction

The new air duct design is optimized through the Computational Fluid Dynamics(CFD) technology. Gocool features a super high airflow rate and ultimate quiet operation. The indoor unit noise is lowered by 3dB(A) while the outdoor unit noise is decreased by 11dB(A).



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.



LIGHT COMMERCIAL

- Free Match
- U-Match



Icon Interpretation

SOME PARTS

- Anti-corrosion fin**
The anti-corrosion performance of golden fins is 3 times better than ordinary fins.
- Inner groove copper**
Special thickened inner groove copper tube enhances heat exchanging performance.
- Built-in drain pump**
The drain pump can pump the condensation to a high level. It facilitates condensation draining from the indoor unit and makes the installation of indoor unit easier.
- Washable filter**
Filters are easy to dismantle and install. You can use dirt collector or water to clear away the dust.

- Quality motor**
Quality motor enables stable operation and low noise.
- Auxiliary electric heater**
Auxiliary heater greatly improves heating capacity and saves energy.
- Slave and master wired controller**
One indoor unit can be connected with two wired controllers to realize controlling of the same indoor unit from different control points.
- Long connection pipe design**
The total length of connection pipe reaches 1000m, which greatly improves the project flexibility of the unit.

COMFORTABLE & HEALTHY

- Horizontal auto swing**
The air guide louver can move horizontally for efficient air and temperature distribution in the room.
- Vertical auto swing**
The air guide louver can move vertically for efficient air and temperature distribution in the room.
- Anti-cold**
The indoor unit will not blow in winter if the air is not warm enough.
- Turbo**
The unit cools and heats the room rapidly to make you feel more comfortable (cool or warm).

- Ventilation**
The unit can supply some fresh air to satisfy your requirements.
- Comfortable sleeping mode**
After setting the "sleeping mode", set temperature and indoor noise can be adjusted for more comfortable.
- Quiet design**
The unit operates with the lowest noise under the ultra-low fan speed.

HIGH EFFICIENCY & ENERGY SAVING

- High efficiency**
The air conditioner is designed to high energy efficiency and to realize power saving.
- Intelligent defrosting**
Defrosting is performed intelligently when necessary to improve the heating efficiency and save energy.

- Energy saving function**
When this function is activated, the temperature setting is only in limited range, so as to save energy.
- All DC inverter technology**
All motors adopts the DC inverter technology to greatly improve the energy efficiency.

CONVENIENCE

- Auto restart**
The unit is able to remember the operation status before power failure and it can automatically return to that operation status once the power is recovered.
- Compact design**
The unit is designed with smaller dimension, which is easy to install and transport for saving cost.

- Easier maintainability**
The unit is designed to be easier for maintenance and component replacement.
- Auto addressing technology**
The new generation of indoor unit applies auto addressing technology, which greatly reduces project debugging time and error rate.

RELIABILITY

- Self-cleaning**
When the unit is turned off, indoor fan will still run at the low speed for a while to dry inner components and parts, thus preventing mildew and keeping users healthy.
- Self-diagnosis**
Error codes are shown on the display panel when there are any fault, easy for maintenance.
- Low voltage startup**
The unit is able to be started up safely under low voltage.

- Low temperature heating**
The unit is able to start and operate in normal when the ambient temperature is lower than -20°C and heating capacity remains still.
- Modular operating**
Several units can operate together as modules, so that capacity output control is more precise, and also higher reliability.
- Comprehensive protection**
The unit is designed with various of protection functions to ensure the reliability.

VERSATILITY

- High ESP**
The external static pressure range is higher, which ensures longer delivery distance for air to provide powerful cooling.
- Wide voltage range**
The unit can operate in a wide range of voltage for greatly reducing the impact of voltage fluctuation.
- Wide operation range**
The unit can operate in wide range, greatly reducing the ambient temperature limitation.

- Multiple fan speeds**
Multiple fan speeds are provided to satisfy different requirements for the air volume.
- Modular structure**
High efficiency compressor presents reliable performance.

CONTROLLER
















- 24-hour timer**
The unit can be turned on or turned off by timer setting at anytime in a day (the timer interval is 5-minute).
- Weekly timer**
The unit can be set to start heating or cooling anytime on a daily or weekly basis.
- °C/°F switch**
Under off status, press MODE and "-" buttons simultaneously to switch °C/°F.
- Clock display**
Time is shown on the remote controller.
- Child lock**
It avoids children's misoperation on the remote controller.
- Key-card control**
The key-card control function is specially designed for hotel rooms. After removing the key-card, the air conditioner will automatically switch to standby status.

- Centralized control**
Turn on, turn off and regulate the from a distance.
- Long-distance monitoring**
Long-distance monitoring enables the unit to be controlled and monitored from a long distance.
- Shield function**
Remote control the indoor unit and shield the functions of wired controller, such as ON/OFF, temp or mode setting, energy-saving function, etc.
- Human engineering operation**
Adopts the technologies of auto addressing, non-polar communication and auto debugging, which improves the project efficiency.
- Floor heating debugging**
As for the first floor heating debugging, the floor should be preheated in segment to prevent deformation due to thermal expansion and contraction caused by rapid change of temperature.

Free Match

Whole Home Flexible Solution
Cooling and heating with FREE MATCH

Features: Standard Optional

- | | | | | | | | |
|--|---|---|---|--|---|---|---|
| 
Inner groove copper | 
Turbo | 
High efficiency | 
Intelligent defrosting | 
Auto restart | 
Easier maintainability | 
Compact design | 
Self-diagnosis |
| 
Low voltage startup | 
Comprehensive protection | 
Wide voltage range | 
°C/°F switch | 
24-hour timer | 
Centralized control | 
Long-distance monitoring | 
Child lock |

Multi Split System
+
Domestic Hot Water

Water discharge
temperature
reaches 55°C




Wall-mounted type

Floor ceiling type









Duct type unit

Cassette


Water heater


Capacity Index(Btu/h)		7000	9000	12000	18000	24000
Wall mounted Type	Airy 	●	●	●	●	●
	S-cool 	●	●	●	●	●
	Clivia 		●	●	●	●
	Pular 	●	●	●	●	●
	Charmo 	●	●	●	●	●
	Cosmo 	●	●	●	●	●
Duct type 		●	●	●	●	●
Cassette type 			●	●	●	●
Floor ceiling type 			●	●	●	●
Console 			●	●	●	●





Control system lineup

Control system		Product series	Duct type	Cassette type	Floor ceiling type	Console type
Wired controller	XK76 		●	●	●	●
	XK19 		●	●	●	
Centralized controller	CE50-24/E 		●	●	●	●
	CE52-24/F(C) 		●	●	●	●

Item	Normal operating condition(temperature)				Operation range (temperature)	Operating condition (temperature)
	Outdoor condition		Indoor condition		Outdoor condition	Outdoor condition (LC)(LH)
	DB(°C)	WB(°C)	DB(°C)	WB(°C)		
Cooling	35	24	27	19	18~43	-15~43
Heating	7	6	20	15	-15~24	-22~24

	Two indoor units	
	07+07	09+09
	07+09	09+12

	Two indoor units	
	07+07	09+09
	07+09	09+12

	Two indoor units		Three indoor units				
	07+07	09+09	07+07+07	09+09+09			
	07+09	09+12	07+07+09	09+09+12			
	07+12	09+18	07+07+12	/			
	07+18	12+12	07+09+09	/			
	/	12+18	07+09+12	/			
	Two indoor units		Three indoor units				
	07+07	09+09	07+07+07	09+09+09			
	07+09	09+12	07+07+09	09+09+12			
	07+12	09+18	07+07+12	09+09+18			
	07+18	12+12	07+07+18	09+12+12			
	/	12+18	07+09+09	12+12+12			
	/	18+18	07+09+12	/			
	/	/	07+09+18	/			
	/	/	07+12+12	/			
	Two indoor units		Three indoor units		Four indoor units		
	07+07	07+07+07	09+09+09	07+07+07+07	07+09+09+09		
	07+09	07+07+09	09+09+12	07+07+07+09	07+09+09+12		
	07+12	07+07+12	09+09+18	07+07+07+12	07+09+12+12		
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	09+18	07+09+18	12+12+18	07+07+09+18	/		
	12+12	07+12+12	/	07+07+12+12	/		
	12+18	07+12+18	/	/	/		
	18+18	/	/	/	/		
		Two indoor units		Three indoor units		Four indoor units	
		07+12	12+12	07+07+07	09+09+09	07+07+07+07	07+09+09+09
07+18		12+18	07+07+09	09+09+12	07+07+07+09	07+09+09+12	
07+24		12+24	07+07+12	09+09+18	07+07+07+12	07+09+09+18	
09+09		18+18	07+07+18	09+09+24	07+07+07+18	07+09+09+24	
09+12		18+24	07+07+24	09+12+12	07+07+07+24	07+09+12+12	
09+18		24+24	07+09+09	09+12+18	07+07+09+09	07+09+12+18	
09+24		/	07+09+12	09+12+24	07+07+09+12	07+09+12+24	
/		/	07+09+18	09+18+18	07+07+09+18	07+09+18+18	
/		/	07+09+24	09+18+24	07+07+09+24	07+12+12+12	
/		/	07+12+12	12+12+12	07+07+12+12	07+12+12+18	
/		/	07+12+18	12+12+18	07+07+12+18	/	
/		/	07+12+24	12+12+24	07+07+12+24	12+12+12+18	
/		/	07+18+18	12+18+18	07+07+18+18	/	
/		/	07+18+24	18+18+24	/	/	

	Two indoor units	Three indoor units		Four indoor units		Five indoor units	
	07+18	07+07+07	09+09+09	07+07+07+07	09+09+09+09	07+07+07+07+07	07+09+09+09+09
	07+24	07+07+09	09+09+12	07+07+07+09	09+09+09+12	07+07+07+07+09	07+09+09+09+12
	09+12	07+07+12	09+09+18	07+07+07+12	09+09+09+18	07+07+07+07+12	07+09+09+09+18
	09+18	07+07+18	09+09+24	07+07+07+18	09+09+09+24	07+07+07+07+18	07+09+09+09+24
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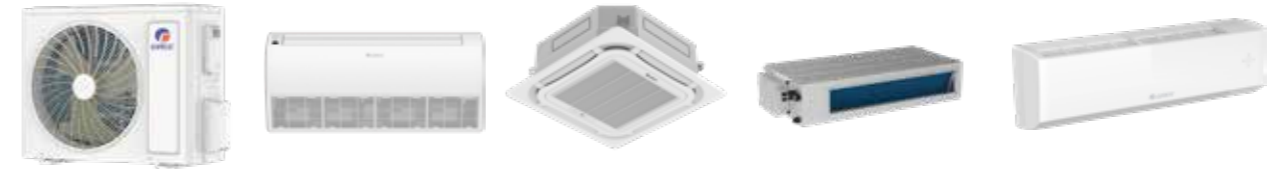


42k

U-MATCH



U-MATCH is an air conditioning product in which the outdoor unit is generally designed to be matched with different types of indoor units (duct type, cassette type, floor ceiling type), saving the cost of warehouse management and after-sales maintenance. The cooling capacity ranges from 3.5kW to 16kW, applicable to houses, hotels, restaurants, stores, office buildings, etc.



- SEER up to 7.20 and energy efficiency rated at A++ for the whole series thanks to all DC inverter system and high-efficiency casing design, leading to 10% energy savings on average compared to the last generation.
- 5H health protection: fresh air provision for the entire range of indoor units, optional healthy and sterilizing accessories, multiple air purification methods to ensure quality air in real time.
- Originally designed bionic fan blades and low noise compressor lower indoor unit sound level to 28dB.
- Adopt high precision temperature and humidity dual sensors ($\pm 0.5^{\circ}\text{C}$) to fully consider the impact of humidity on thermal comfort, reduce excessive dehumidification and substantially improve the level of comfort through intelligent correction of indoor temperature and humidity.
- WiFi module for remote APP control; smart sensor, with 360° temperature field detection, can automatically adjust airflow direction and the air conditioner's operation status by detecting the positions of occupants in the room.
- When installing the unit, wiring and piping can be done without opening the casing, saving installation time.
- Single fan compact design for outdoor units of the whole series, for the ease of transportation and installation
- Provide different debugging tools, for example, the portable debugger, which can monitor real-time operating parameters, set unit parameters and store underlying data; the monitoring and debugging software, which can remotely monitor operating conditions and parameters. After-sales personnel can check the monitored data to locate errors. Troubleshooting is more accurate and efficient.

Indoor Unit CE

Duct type

- » DC motor, energy-saving and high efficiency.
- » Fresh air unit can be connected.
- » Lift of water pump is 1000mm.
- » Energy efficiency can be up to A++ in cooling season and A+ in heating season.

Floor ceiling type

- » DC motor, energy-saving and high efficiency.
- » Fresh air unit can be connected.
- » Lift of water pump is 1000mm.
- » Energy efficiency can be up to A++ in cooling season and A+ in heating season.

Cassette type

- » 360° air discharge for balance room temperature.
- » DC motor and DC water pump, energy-saving and high efficiency.
- » Fresh air unit can be connected.
- » Lift of water pump is 1000mm.
- » Energy efficiency can be up to A++ in cooling season and A+ in heating season.

Wall-mounted

- » DC motor, energy-saving and high-efficiency.
- » Energy efficiency can be up to A++ in cooling season and A+ in heating season.

Item	Nominal operating condition(temperature)				Operating range(temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	DB(°C)	WB(°C)	DB(°C)	WB(°C)	DB(°C)
Cooling	35	24	27	19	-20-52°C
Heating	7	6	20	15	-20-24°C

Units Lineup

Capacity index	35	50	71	85	100	125	140	160
Outdoor unit								
Duct (without water pump)								
Indoor unit								

Control System Lineup

Controlling system	Model	Outlook	Duct	Cassette	Floor ceiling	Wall mounted
Remote Controller	YAP1F7		○	●	●	●
	YAP1F		○	○	○	○
Wired controller	XE7A-24/H		●	○	○	○
Wired controller (WiFi)	XE7A-24/HC		○	○	○	○
Duct unit LED panel (matched with remote controller)	JS13		○	○	○	○
Access control	LE60-24/H1		○	○	○	○
Centralized controller	CE52-24/F(C)		○	○	○	○
	CE58-00/EF(CM)		○	○	○	○
Modbus gateway	ME50-00/EG(M)		○	○	○	○
Wired controller	XE7C-24/H		○	○	○	○
	XE7C-24/HC		○	○	○	○

Note:
● means standard, ○ means optional.
*This product model is under developemnt. Please confirm the final specifications with sales representatives.

