Williams III Library

Gree Overseas Social Media Platform















Motor

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

All features and specifications are subject to change without provinces.

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GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI

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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 expande liness to air conditioners, home appliances, high-end equipment and communication equipment under three brand names; GREE, KINGHOME and TOSOT. Gree is the number one brand of air conditioners in the world in 2019.

Thanks to 400 million users' choices, Gree brands are sold widely to more than 160 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.







- G-MAX Outdoor Units
- Pular Pro with G-boost Inverter Compressor
- Colasma Air Purification Technology



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

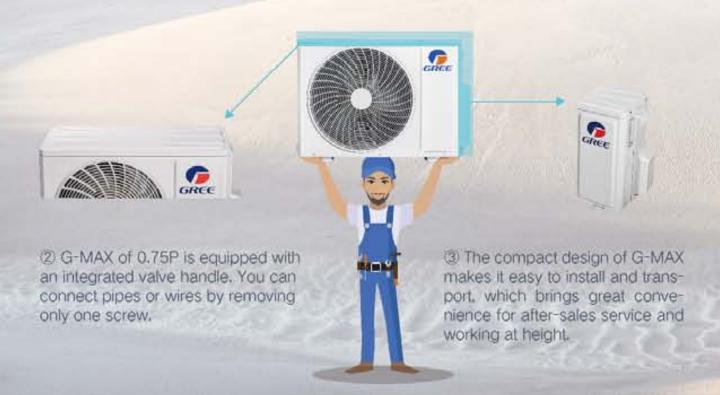
The size of the outdoor unit is reduced by 31.79% at most, which makes it easy to install even at a narrow balcony.





Easy installation and maintenance

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



6

MAX Guard -- 6 Anti-corrosion Measures

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

 Anti-corrosion protection of fins (optional); gold and black fins with betterati-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;

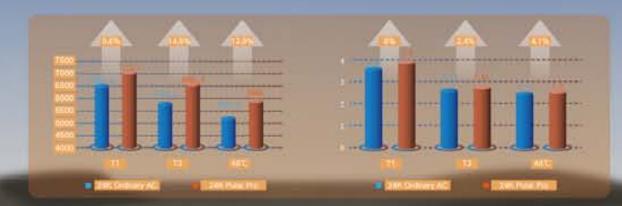
Phosphating treatment of motor (standard): The rotating shaft of motor receives the treatment of phosphating on the surface, which effectively prevents salt spray corrosion;

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;

Pular Pro with G-boost Inverter Compressor

The World's First G-boost Inverter Compressor, Efficient and Energy Saving

It is a technical breakthrough of the Inverter compressor. Compared with the conventional compressor, the single unit capacity is increased by 9.6%~14.5% and the energy efficiency is increased by 2.4%~8%.



Ideal Ecosystem Supplier, Stable Cooling of Compressor Even at High Tempe-rature of 68 °C.

Well equipped with G-Boost inverter compressor and single-stage enthalpy increasing technology, Pular provides with you a powerful and stable cooling capability.



Air Supply Temperature Down to 8 ° C Less Heat for More Pleasure

Even under T3 working condition (fan is at low speed), the air outlet temperature of the indoor unit can be as low as 8 ° C, bringing the ultimate cooling pleasure to you.



60s Fast Cooling Say Goodbye to Long Waiting

Enjoy fast cooling and fast comfort



"Stude Inted cooling conditions (inser 27/19, outer 35/1), It takes about 60s for the table temperature (evaporation temperature) to drop to 1.4." Cland below after the start of the compressor.

Simple Installation and Maintenance Offer You Worry-Free Use

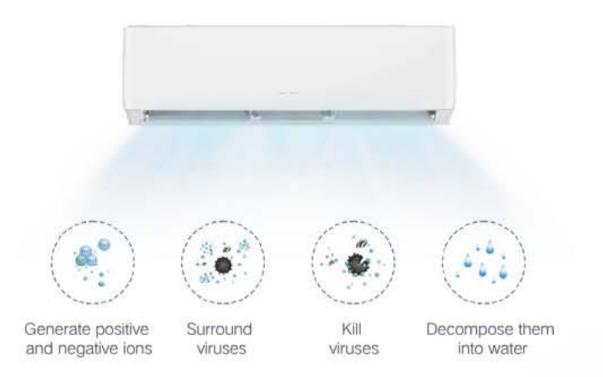
- Quick mainboard disassembly design enables easy disassembly and maintenance by opening the panel only.
- Air outlet is easy to remove for washing.
- Integrated overhead filter can be disassembled directly for cleaning, no need to disassemble the unit.
- English installation scale available*; clasp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



*Note: This function is optional.

Colasma Air Purification Technology

The cold plasma device generates positive and negative ions to kill the bacteria and then decompose them into water, making fresh air for you.



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.



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.



Function setting instruction



Remote controller with " * " button

Turn on cold plasma function: Press ** * button

 Turn off cold plasma function: Press " * " button again or turn off the unit



- Comfortable and User-friendly Functions
- Safe and Reliable Functions
- Energy-saving and High-efficiency Functions
- Comfortable and Healthy Functions

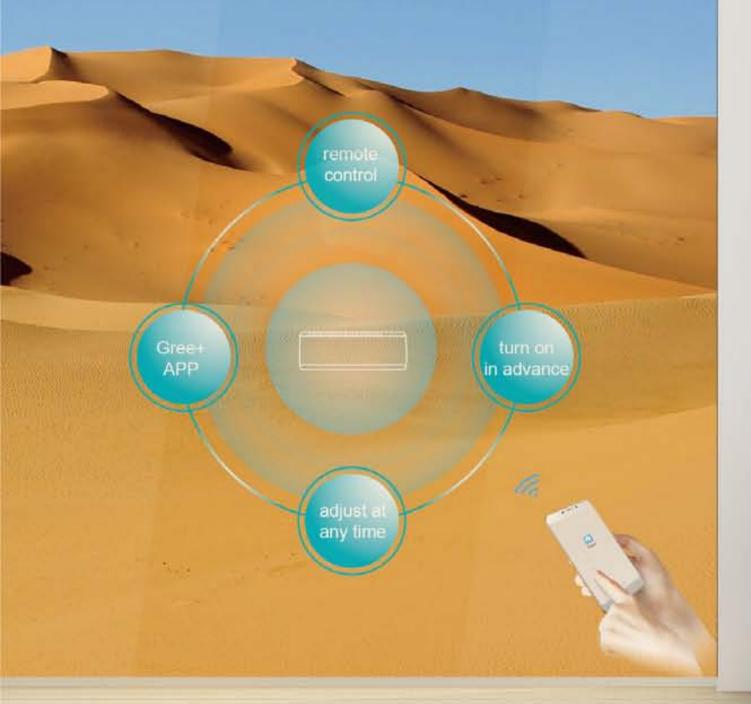


Comfortable and User-friendly Functions

Several User-friendly Functions for Comfortable Life

Built-in WiFi

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



Fast Cooling

Under fast cooling 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

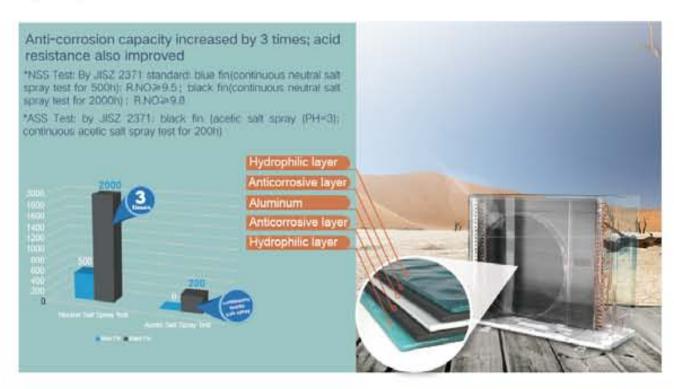
- Press "FAST COOL" button to turn on fast cooling mode.
- Press it once, the default temperature is 25°C(77°F), and the remote controller flashes for 5s. Press it twice, the default temperature is 16°C(61°F), and the remote controller flashes for 5s.
- In the flashing period, press" ▲" or "▼" button 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.

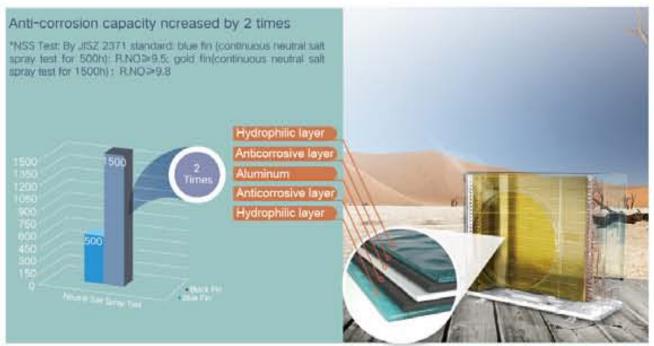
Safe and Reliable Functions

Various reliable design ensure products quality and reliability

Black and Golden Fin

The unit adopts high-end golden fin or black 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.



Nomal 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



Refrigerant shortage protection: It will display F 0
(See the refrigerant shortage protection function for more details)

If multiple errors happen at the same time, the corresponding error/protection codes will be displayed in turn (if the AD value of a temperature sensor ≥250 or ≤5 for continuously 30 seconds, the unit will enter temperature sensor protection.)

In case of a temperature sensor error, the compressor will stop working and the fan will shut down once the compressor reaches the maximum temperature point. When the unit is off, it cannot display the error code but can receive remote control signals and button signals; if the unit with temperature sensor error is turned on, the error code will appear, but the compressor cannot work and the fan will shut down once the compressor reaches the maximum temperature point.

Fire-proof Electric Box

The electric box adopts BMC fire-proof materials whose flame retardant grade is 5VA, safe and reliable.



Power-off Memory

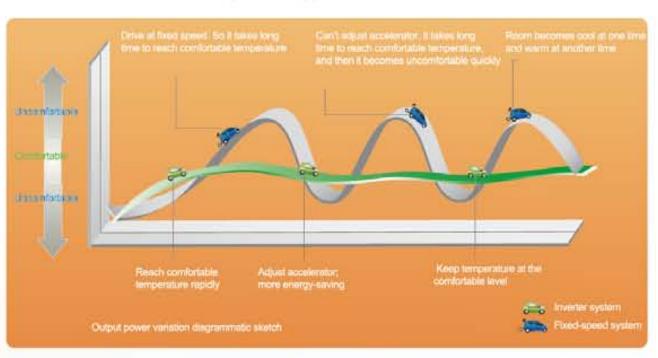
If the power supply is suddenly disconnected during the operation of air conditioner, the unit will save the operating state of the air conditioner before the power failure. After the power restarts, the air conditioner will automatically start and maintain the operating state before the power failure.

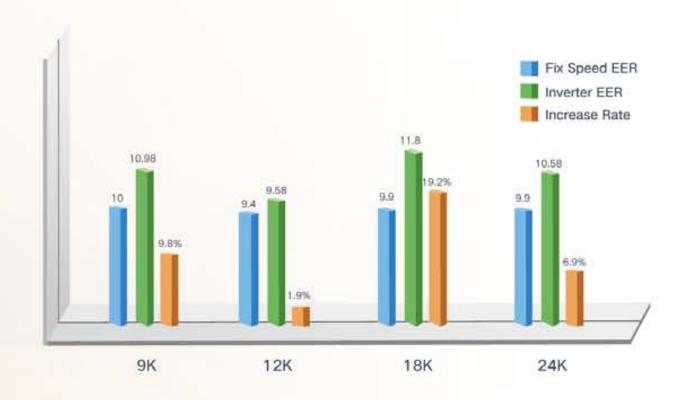


Energy-saving and High-efficiency Functions

Different energy-saving methods pursuit of higher efficiency

How Inverter Saving Energy?





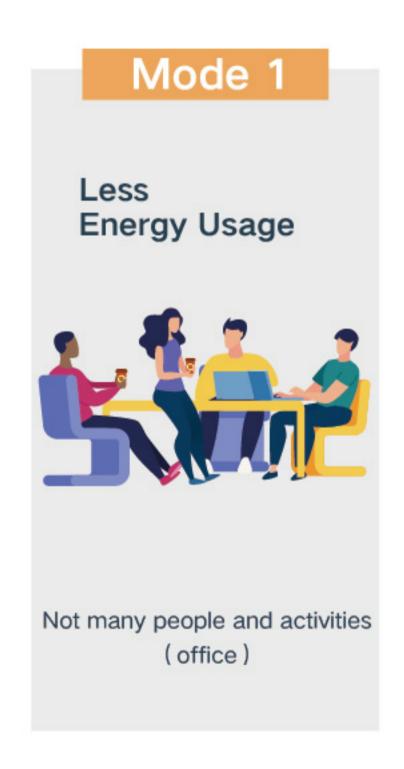
Energy Control

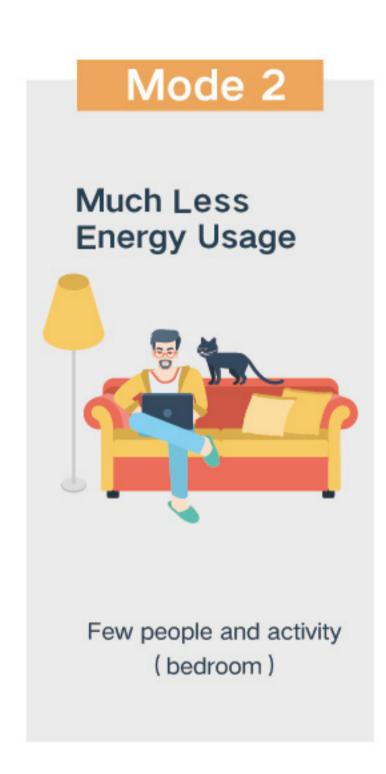
It is a perfect AC that provides not only comfortable cooling but also reliable operation and power saving function. Pular has been upgraded with a new function of energy control which is suitable for places with power limitation, power shortage, etc. While reducing power consumption, Pular can still operate reliably and stably under different power input.

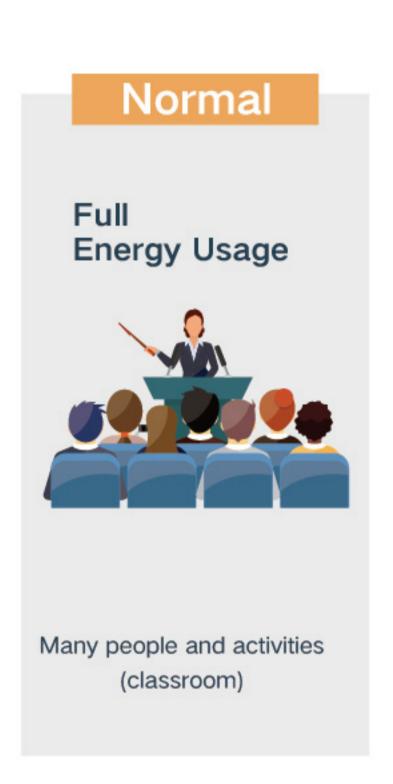
3 Power Modes to Choose

This is an AC designed with 3 selections of power modes for reducing energy consumption.







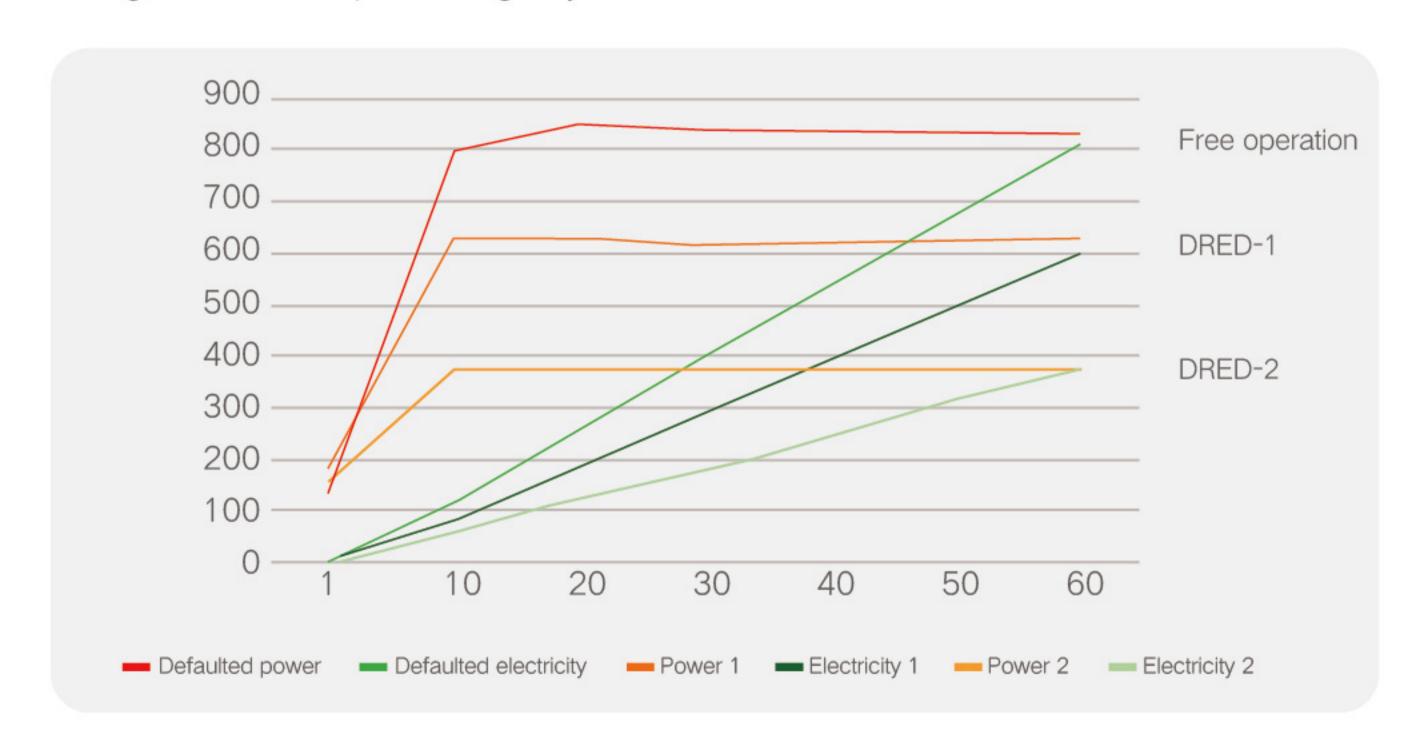


Note: Energy control is only for inverter air conditioner.



Stable Operation

Stability is crucial in the low power operation of air conditioners. In summer days, if the air conditioner cannot cope with voltage instability, it is extremely difficult to start and the refrigeration effect becomes worse. However, Pular can maintain a stable working state for a long time at lower power to give you a comfortable and stable care.



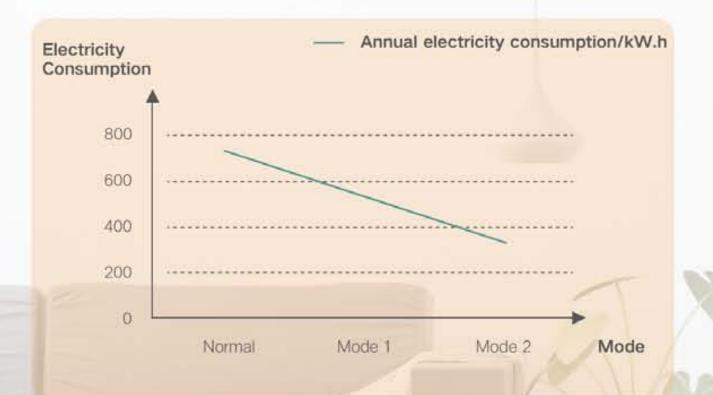
Working condition: indoor: 32°C; outdoor: 35°C; Set indoor temperature at 16°C by remote controller

Note: Above data is from the test in the lab.

Energy Saving

The power consumption of AC accounts for a very high proportion in the use of most electrical appliances. But we will save 25-54% of electricity per year after using Pular. The release of cooling capacity can be reasonably controlled by selecting appropriate electric power according to the using environment. While enjoying the pleasure brought by air conditioning, it can reduce consumption, save energy, and reduce unnecessary waste of resources.

	Normal	Mode 1	Mode 2
Unit electricity consumption/kW.h	0.809	0.603	0.372
Annual electricity consumption/kW.h	728.208	542.871	335.286



Note: Above data is from the test in the lab

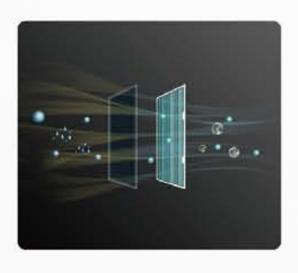
Comfortable and Healthy Functions

Multiple Air Purification Technologies for Fresh Breath and Healthy Life

Multifunctional Filters

Nano Photocatalyst Filter

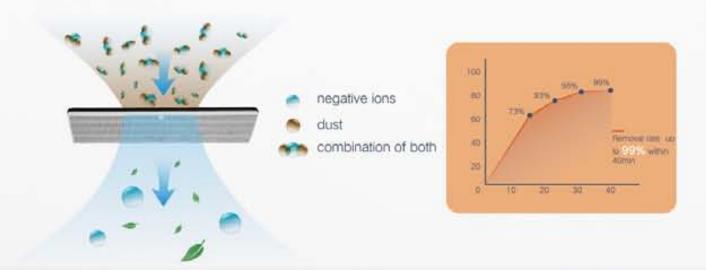
Nano photocatalyst filter is with nano dioxide and special active catalyst substances on the surface; so it can remove up to 95% of ammonia.



When the photocatalyst TiO2 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. Alse, 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); select the filter according to the needs.



Other Filters



Silver ion filter

The antivirus rate of Staphylococcus aureus and Escherichia coli is



over 95%



Formaldehyde removal

Remove formaldehyde and hydrogen sulfide



Catechin filter

The antivirus rate of

Staphylococcus aureus and

Escherichia coll is over 95%

Acaro bacterium filter Effectively remove mites.



Chitin filter

Effectively prevent corro-



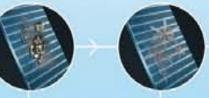
C Vitamin C filter

Create a healthy and comfortable space

Self Clean

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.

Cooling and Heating Models





Condensate occurs



Frosting

Become trosted



Defrosting

Defrost to remove dust



Drying

Drain until the surface is dry



50-55°C sterilization

Evaporator temperature remains at 50-55°C for 10min

Cooling Only Models



Before cleaning After cleaning



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.

ICON INTERPRETATION

Comfortable and User-friendly



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.

3D Airflow



Quiet Design

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



Weekend sleep mode, work day sleep mode and DIY sleep mode are available, creating smart weekly sleep mode as well as personalized sleep curve for you.

Three Sleep Modes



I-Feel

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.

Do you always feel hot or cold when the unit



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)

Clock



In cooling or heating mode, press "Turbo" button on the remote controller for big air flow, which enables the indoor temperature to reach the set one in a short time without long waiting.

Turbo



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

Fast Cooling



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

8°C Indoor Heating Mode



The unit will postpone the time to automatically adjust the set temperature to satisfy the sleeping demand of user.

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.

Normal Sleep Mode



Adjustable Temperature under Auto Mode



Timer: You can set the start and stop time by the remote controller, such asstop after 1.5h or start after 1.5h. (The setting can only take effect once)

Timer



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

Dry Mode



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.

Power-off memory



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

Two-stage Compressor



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



delivering comfort to every corner

Air supply distance is up to 12m,

LED Display



temperature quietly.

7 Fan Speeds

Fan speed can be adjusted by a remotecontroller. 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

Long Air Supply Distance

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

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

Gree smart centralized controller can

control on/off, mode, temperature and

timer of 36 unit at the most in a central-

ized way.

Multi Fan Speeds

Energy-saving and High-efficiency



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

Wifi Control



Gree air conditioner is equipped with access control function. Swiping the door card can turn on the air conditioner; when the door card is removed, the unit can still keep operation.

Access Control



Smart

Voice Control

Intelligent

Defrosting

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

It can intelligently detect the frost status and

conduct fast defrosting to improve the

heat-dissipation efficiency.



Intelligent

Auto-Restart

Wired Control

When the Child Lock function is activated, misoperation from children will be stopped from happenning. Potential risks are hereby avoided.

Child Lock



Off-line voice control

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

Healthy and Clean



Multi-functiona

Filters

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



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

Colasma Air Purification Technology

G 23 G 24



X-Fan

Real-time

Monitoring

of Air Quality

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.

With a built-in dust sensor and 4-color light

display, the unit can show the air quality of



Evaporator Auto Clean

Condensate water mixes with dust, and then the dust is removed by decreasing. the temperature to frost and heating up temperature to defrost; finally, the temperature increases to make the evaporator dry and clean.



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

Filter Cleaning reminder



3DC Inverter

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



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

Portable Type



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.



Castors

Universal castors for easy movement

Continuous Drainage



Concealed handles for easy movement



Concealed Handles

Safe and Reliable

your room.



Anti-corrosion Fin

Lock

3-layer Coating

Protection for the

Main Board

LOW 74

Low Voltage Startup

It adopts special anti-corrosion materials: corrosion resistance and acid resistance of air conditioner will be reinforced under humid

When Child Lock function is activated, misop-

The AC or dehumidifier can be normally

started up even the voltage is 10% lower than

When the refrigerant is insufficient or the valve

is blocked, indoor unit will display error code

"FO" and stop operation to protect the unit.

the normal voltage, safe and stable.

risks are hereby avoided.

much safer and more reliable.

eration from children will be avoided. Potential





Range



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

Unit can operate stably under a wide

voltage range, which is suitable for the regions with unstable power supply.

Fire-proof Electric Box



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

Once abnormal operation or part failure

happens, the unit will shut off automatically to protect the system. Meanwhile, it

will display protection or error codes for

Chassis, panel, side plate and top cover

are sprayed with electrostatic powder to

against the neutral salt spray.

tubes.

maintenance.



Anti-corrosion Protection of Tubes

Self-Diagnosis

Anti-Corrosion

Protection of Outdoor Unit



ous dehumidification state, without fear of environmental humidity changes

Dehumidifier



Low temperature dehumidification and stable operating under 2°C

Continuous Dehumidification

Low Temperature Dehumidification



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

After the dehumidifier conducts fast

drying and completes the drying, the

indoor humidity will be kept in a certain

degree to prevent clothes from mildew-

Dehumidifier can always be in continu-



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

Silent Mode

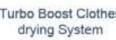


Connector



Humidity Display

,35





Turbo Boost Clothes

Refrigerant Shortage Protection

Off

G 25



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



Touch Control

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

Intelligent Defrosting



The dehumidifier can preset dehumidification 24h in advance.



You can drain easily by removable water tank

24h Preset



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



When the water tank is full, the dehumidifier will give an alarm and remind users to drain water

Vertical Auto Swing



The dehumidifier has the function of air flow, you can enjoy the dry and cool life at the same time



Water Full

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

Indoor and outdoor air exchange for

Auto Fan

Window Type



The unit has the function of horizontal auto swing



Ventilation

fresh indoor air

Horizontal Auto Swing



FUNCTIONS GUIDE

9

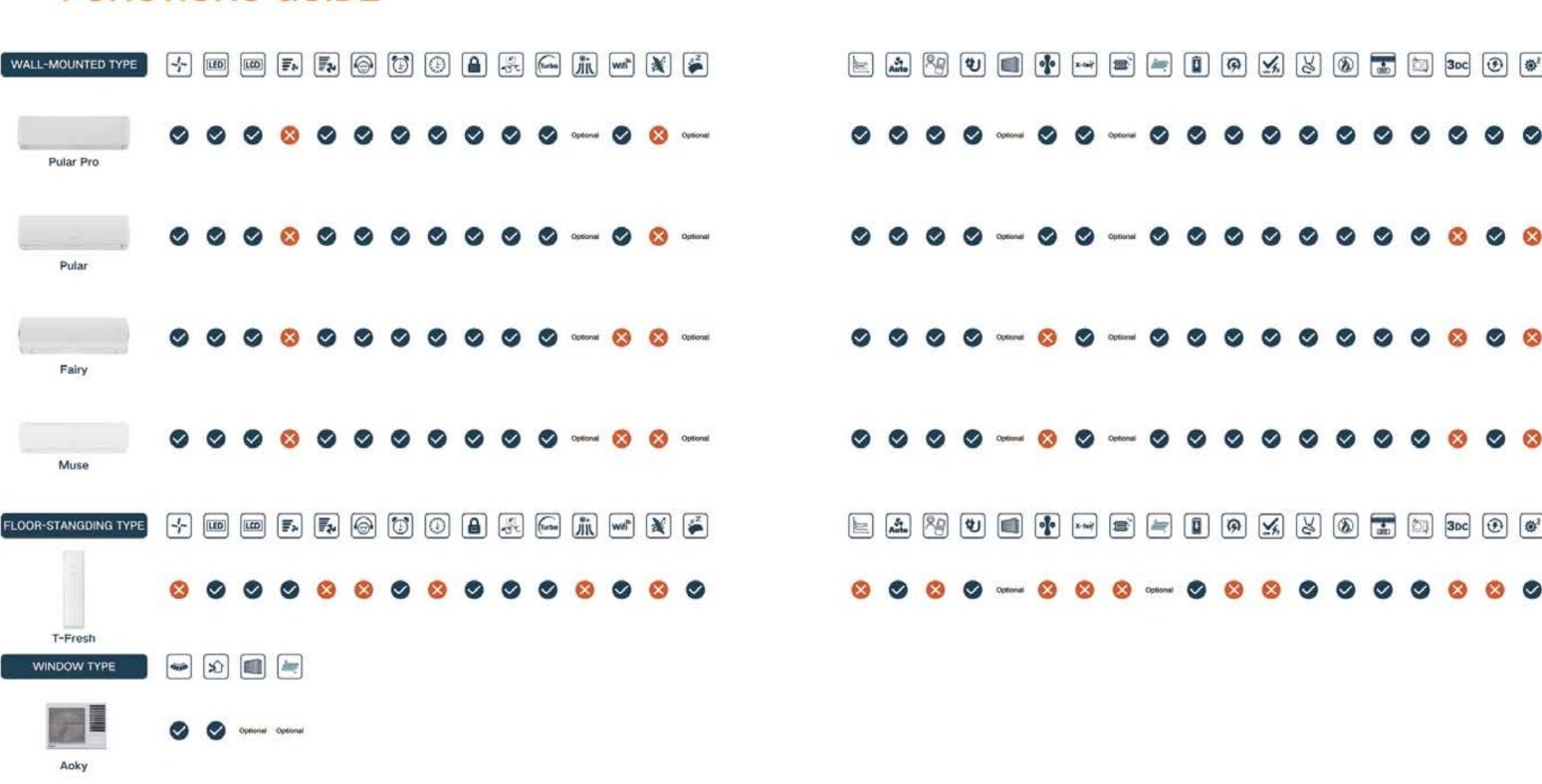
PORTABLE TYPE

ZZ A

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(8)

X



PRODUCTS OVERVIEW

WALL-MOUNTED TYPE	Capacity(Btwh)	9000	12000	18000	24000	30000	page
Pular Pro	DC Inverter,R410a	•	•	•		•	35
Pular	DC Inverter,R410a	•	•	•	•	•	37
Fairy	DC Inverter,R410a	•	•	•	0	•	39
Muse	On-Off,R410a		•	•	•		40
FLOOR-STANGDING TYPE	Capacity(Btu/h)	24000	3600	00	48000	55000	page
T-Fresh	R410a	•		i i	•	•	43
WINDOW TYPE	Capacity(9tu/h)	18000			24000		
Aoky	R410a	•			•		47
PORTABLE TYPE	Capacity(Btu/h)	14000			16000		
Shiny	R410a	•			•		



- Pular Pro
- Pular
- Fairy
- Muse



Pular Pro



Pular



Fairy















T-Fresh

















LED Display















Intelligent Auto-Restart













OK J

Child Lock



150

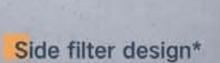
Dry Mode



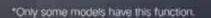


Wifi

Fully-closed air outlet



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











Shiny

Shiny

