

AIRY

**Make Comfort
Airy Time**

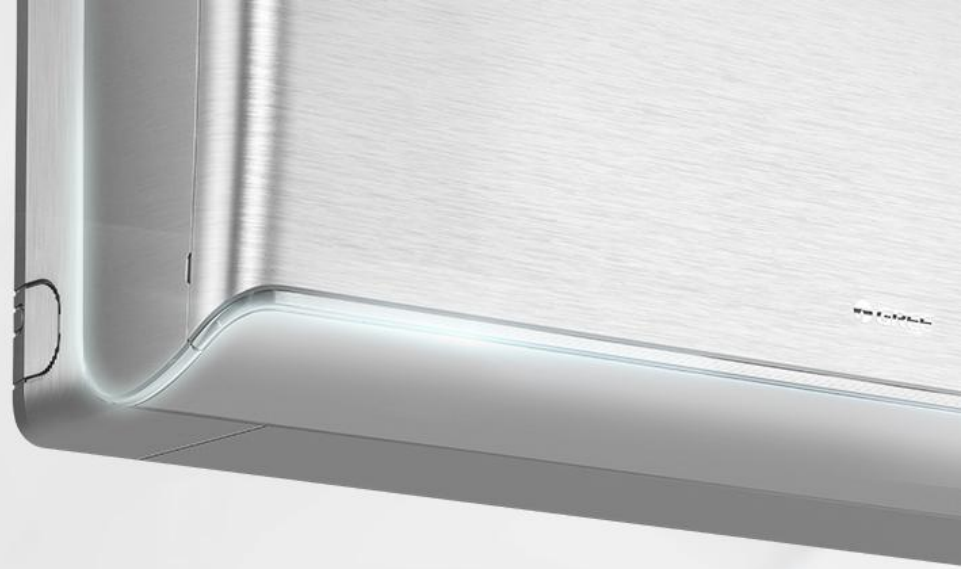


让世界爱上中国造
Made in China, Loved by the world



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.

Elegant Appearance



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

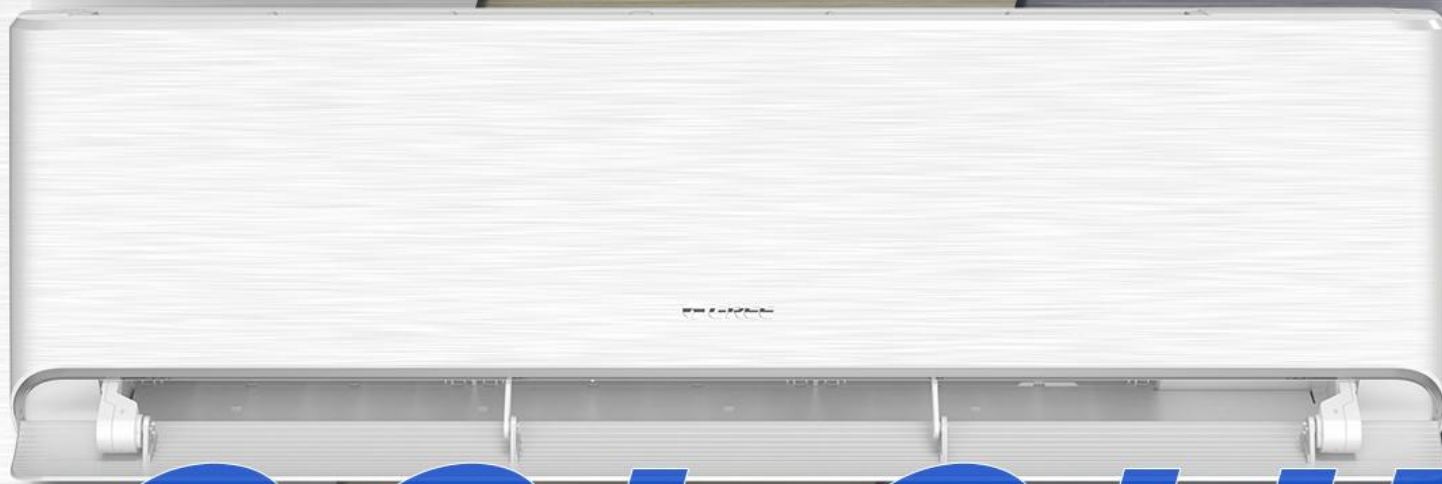
Silver
Cool
style

White
Elegant
style

Golden
Noble
style

Purple,
fantastic
style

Black
Mysterious
style



5 COLOURS

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

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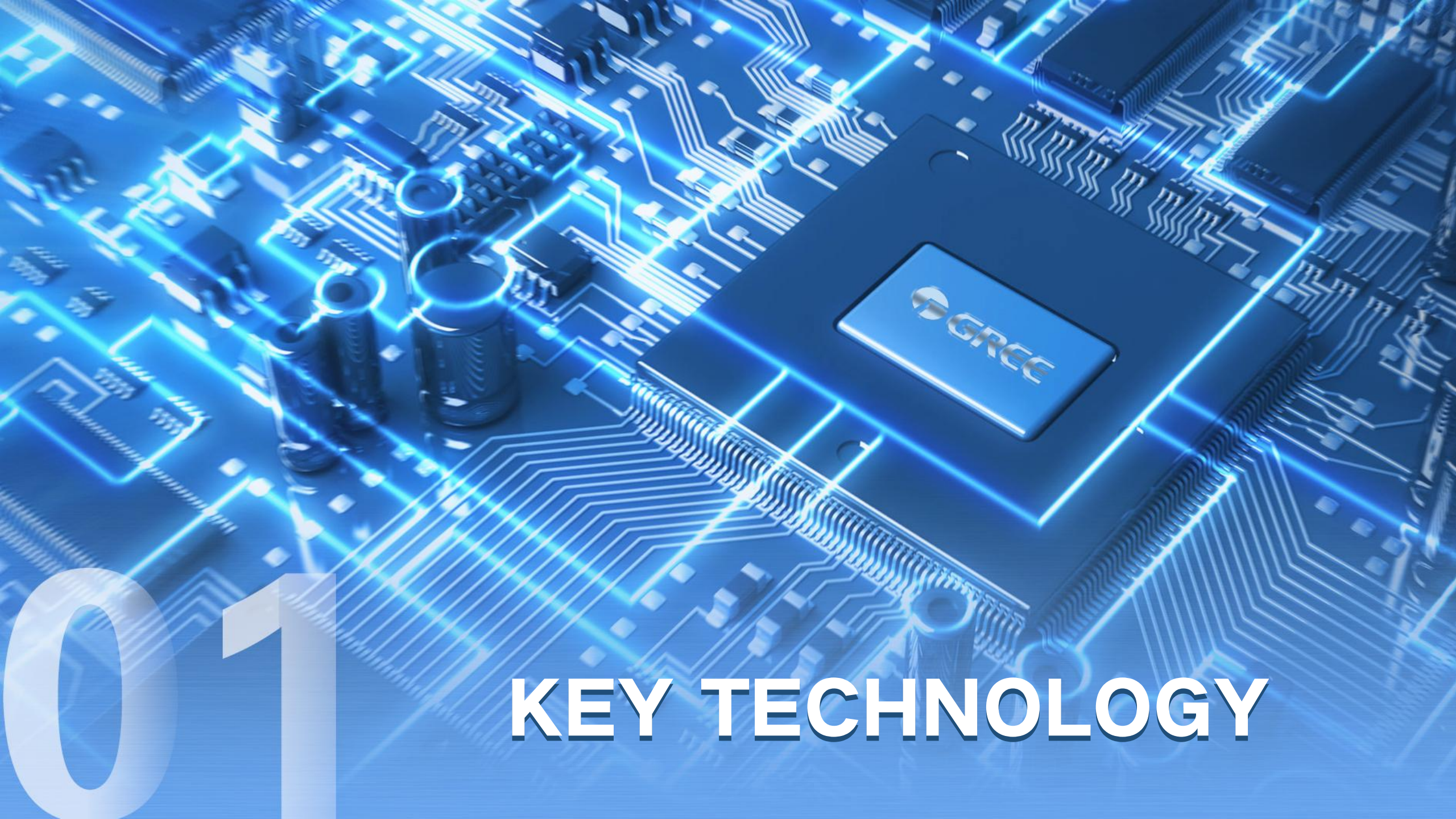
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01

KEY TECHNOLOGY

Hybrid Defrosting Technology (HDT)

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



Rapid Defrosting Supported
by Continuous
Heating Technology

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: Thin frost rapid removing technology only for some models.

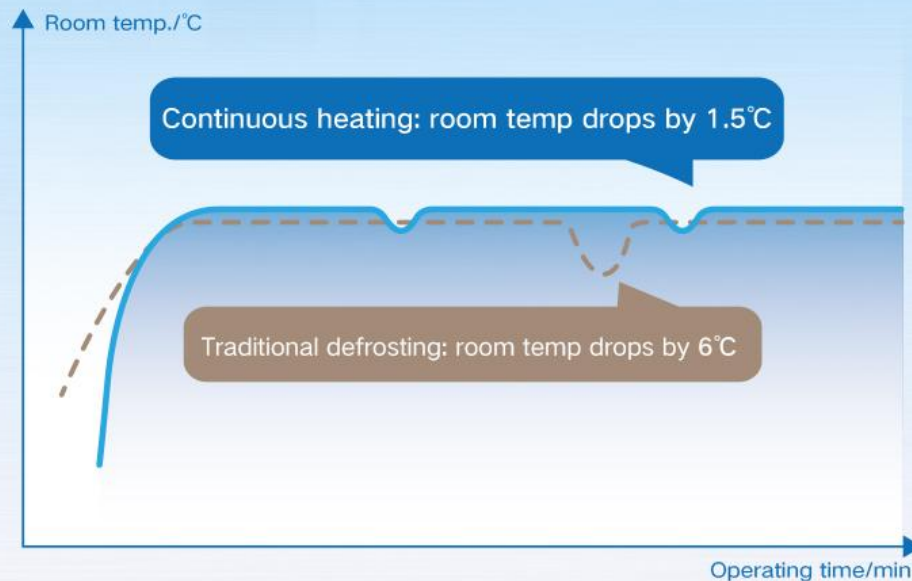
Hybrid Defrosting Technology (HDT)

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

ChillSwipe, No Chance for Chill

Continuous heating to maintain constant temperature for the indoor space.

Room temperature fluctuation is smaller during defrosting (0.7~1.7°C Vs. 6~8°C)



10-hour

continuous heating without a stop



Defrosting time about

2~3min

(2~3min Vs. 8~12min)



Note: Above data comes from Gree testing under specific circumstances.

Hybrid Defrosting Technology (HDT)

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

Gree intelligent defrosting technology

Intelligent switch of defrosting mode to ensure safe and stable operation.

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.

Intelligent switch of
defrosting mode



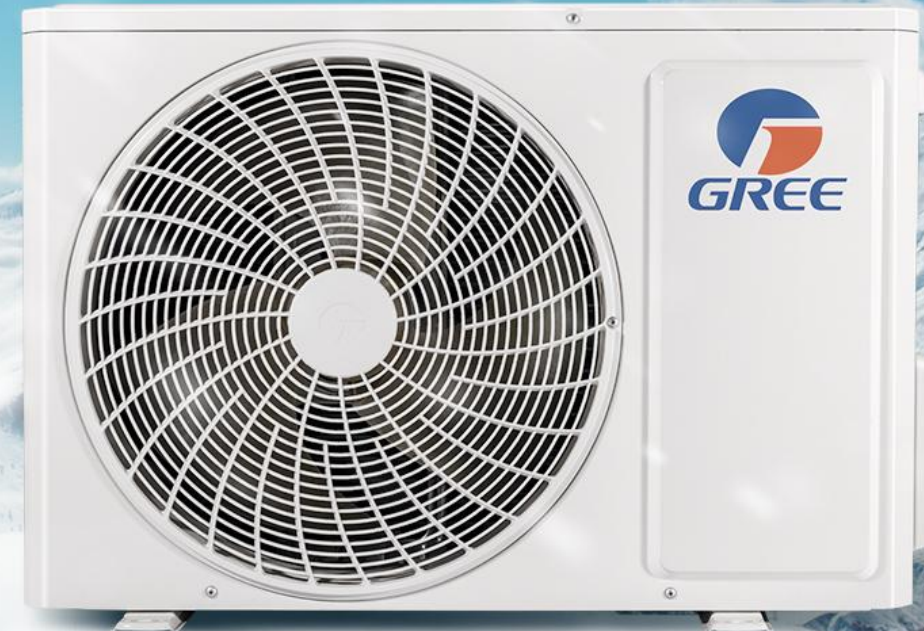
Gree intelligent defrosting
(below -10°C)



• **Max 12min**

Thin frost rapid removing
($5^{\circ}\text{C} \sim -10^{\circ}\text{C}$)

• **Max 3min**



Note: 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.)

Surfing Louver, All-round Cool

Air guide device upgraded to widen the air supply range

Larger air swing angle,
user-defined air direction



Surfing Louver, All-round Cool

Significant improvement in air swing, balanced and comfortable air flow in the entire room

Air supply distance up to **15.5m**

Air supply volume up by **10%**

No direct air draught whether near or far



Note: Compare Airy E case with the general model.



02

COOLING WITH COMFORT

MiniERV

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

Provide You Quality Air and Satisfactory Temperature



*Optional

Independent Smart Dehumidification

Airy's smart humidity control is different from the dehumidification mode of traditional air conditioner. It can keep the humidity within the most comfortable range and form a water-retaining film on the skin surface to preserve moisture and prevent dryness.

In addition to smart humidity control, Airy can also operate according to the humidity set by the user, considerate for every special demand of the user.

Airy is specially designed with the continuous dehumidification function, which can meet the daily need for drying clothes.

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

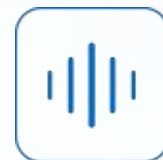


Adjustable Display Light & Buzzer

Display light and buzzer are adjustable, no worry for disturbing daily life



Intelligent photoconductive sleep care, keeping away from light disturbance during sleeping. Airy 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.



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

Low Operation Noise (IDU&ODU)

Low Operation Noise, for Quiet and Comfortable Life

19 dB(A)

Low operation noise (IU)

In silent mode, the noise is as low as 19dB(A), just like the insects buzzing in the quiet summer night, providing a quiet and comfortable sleeping environment.

Note : This function is only for 9/12k models.

40 dB(A)

Low operation noise (OU)

The night mode of the serial outdoor units can reduce the noise to 40dB(A), not disturbing others and creating a more harmonious neighborhood relationship.



Fast Cooling

In fast cooling mode, the room temperature can be lowered quickly, and you can feel cool and comfortable instantly. 20 minutes later, the air conditioner will run at the set temperature and fan speed before fast cooling mode, saving energy and avoiding the room temperature from getting too low.



Normal

Fast cooling

Back to normal

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.

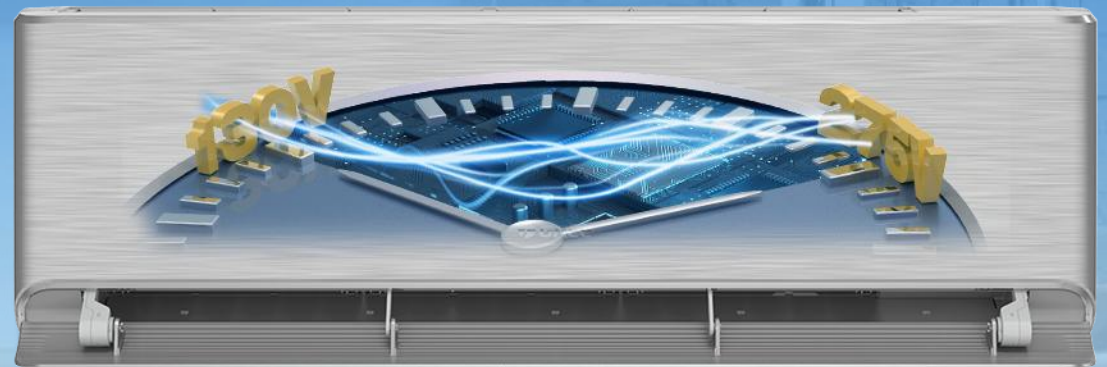
8°C ~ 30°C



*Note: Some models have this function.

Ultra-Wide Voltage Operation, Safe and Reliable

Stable and reliable operation in a wide
voltage range of 130V~275V AC



Note: This range is for the cooling mode of inverter models.



1 Closed Design
Dustproof and
Beautiful

2 Inlet Air
Filtration for
Easy Cleaning

3 Air Inlet
Sterilization for
Healthy Breathing

4 Deep Cleaning
for Refreshing
and Coziness

5 Air Outlet
Purification for
Reassuring
Breathing

6 ODU
Self-Cleaning

03

CLEAN BREATHING

1 Closed Design Dustproof and Beautiful

Fully-closed Air Outlet Design

Keep the integration of external appearance,
dustproof and beautiful.

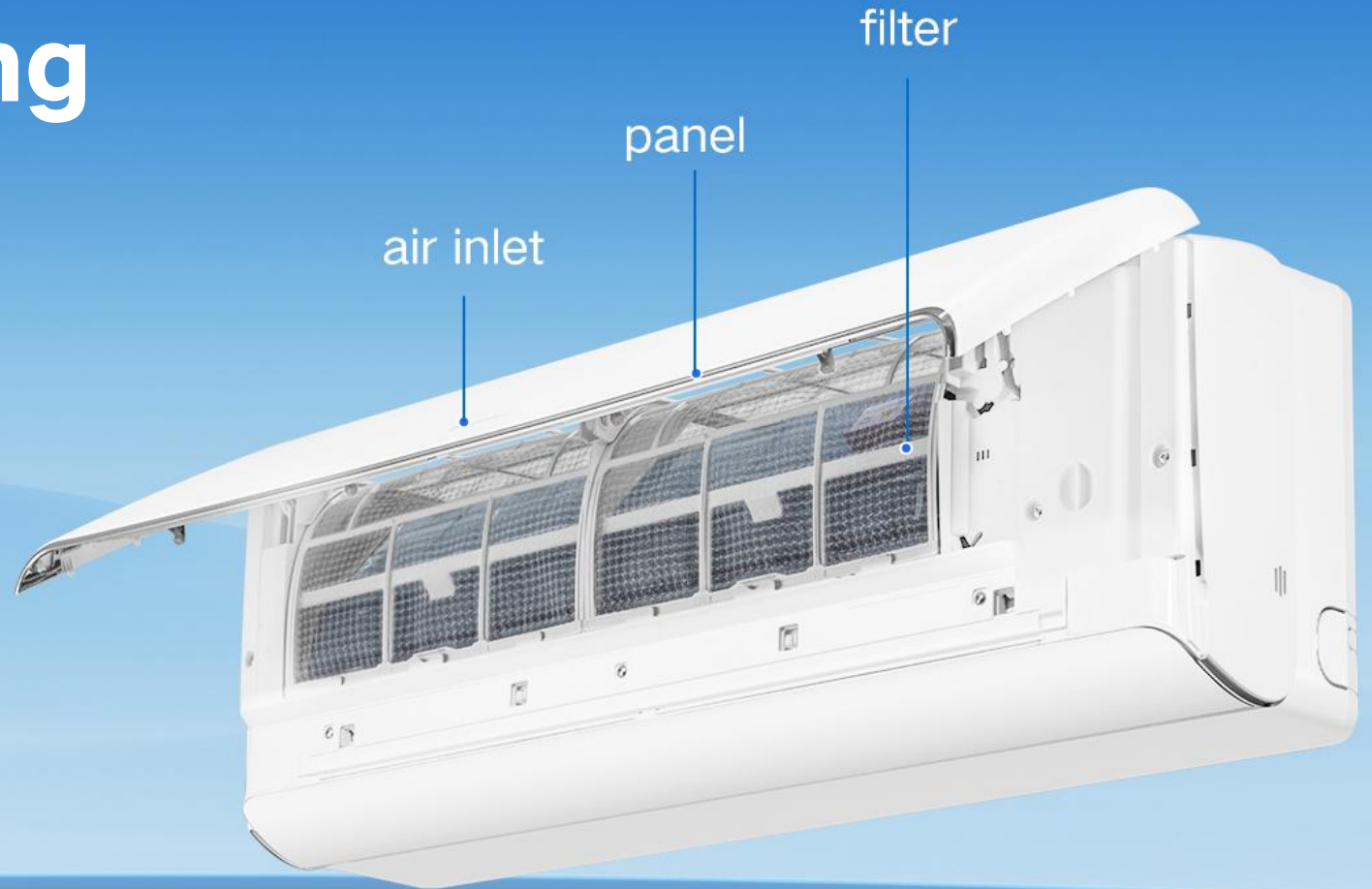


2 Inlet Air Filtration for Easy Cleaning

Ultra-large Built-in Filter Design

Airy is equipped with ultra-large built-in filter made of quality materials. It has good toughness and high temperature resistance without deformation. It can filter many harmful substances.

The filter is easy for disassembly so that you can clean it conveniently.



3 Air Inlet Sterilization for Healthy Breathing

UVC Sterilization Function

UV-C UV light, the design of the best sterilization wavelength is 254nm, which can kill bacterial propagules, buds, mycobacteria, viruses, fungi, and reduce the growth of microorganisms on the evaporator, making every breath healthy and clean.

Sterilizing rate of staphylococcus albus is about **93.91%**



4 Deep Cleaning for Refreshing and Coziness

Efficient auto clean in 5 steps,
healthier with pure air

Gree innovative evaporator auto clean technology and the process of condensing, frosting, sterilizing defrosting and 56°C sterilization enable the removal of dirt, keeping odor away and allowing you to breathe freely.

Note: 56°C sterilization only for heat pump models.



5 Air Outlet Purification for Reassuring Breathing

Colasma Air Purification Technology

Dispel bacteria attached on household items, better for beauty and health.



Purify air



Kill virus



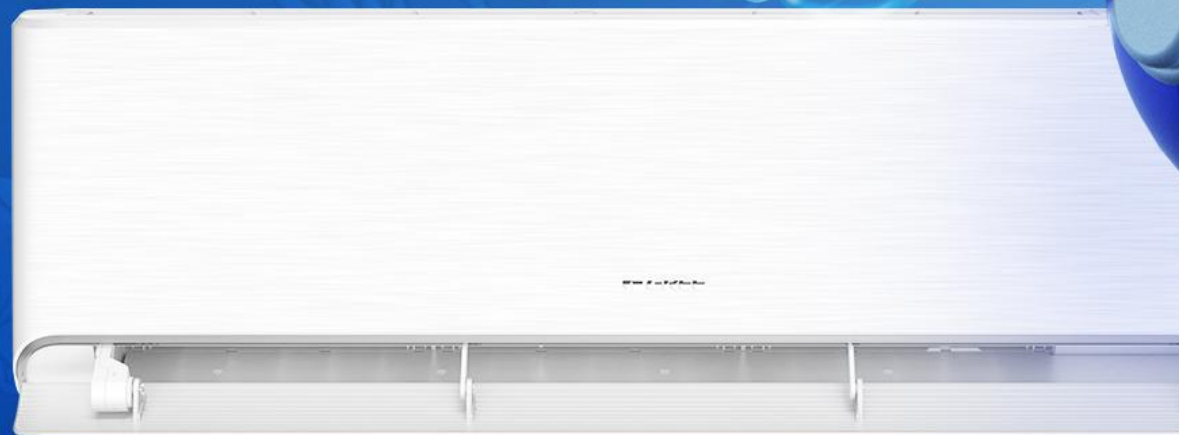
Eliminate bad smell



Inhibit static electricity



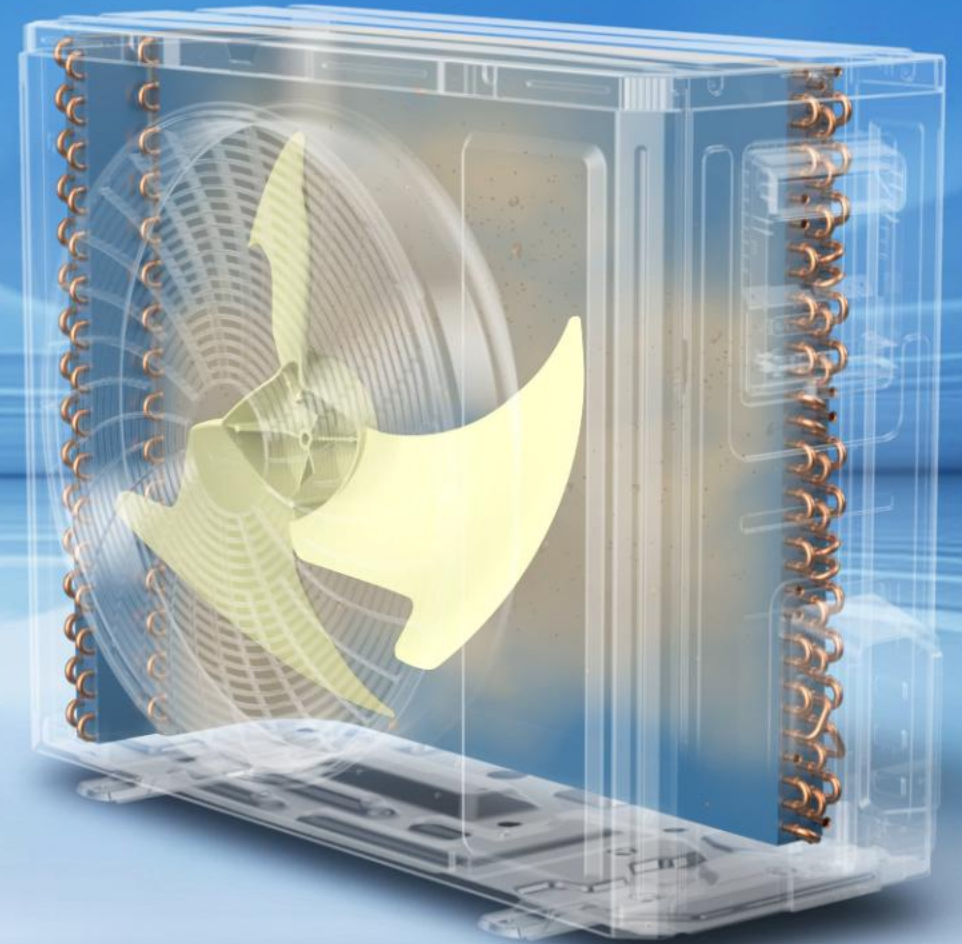
Beauty effect



6 ODU Self-Cleaning

When defrosting of indoor unit is completed, it enters into outdoor unit self-cleaning process to improve the cooling effect and save energy.

Five steps for self-cleaning



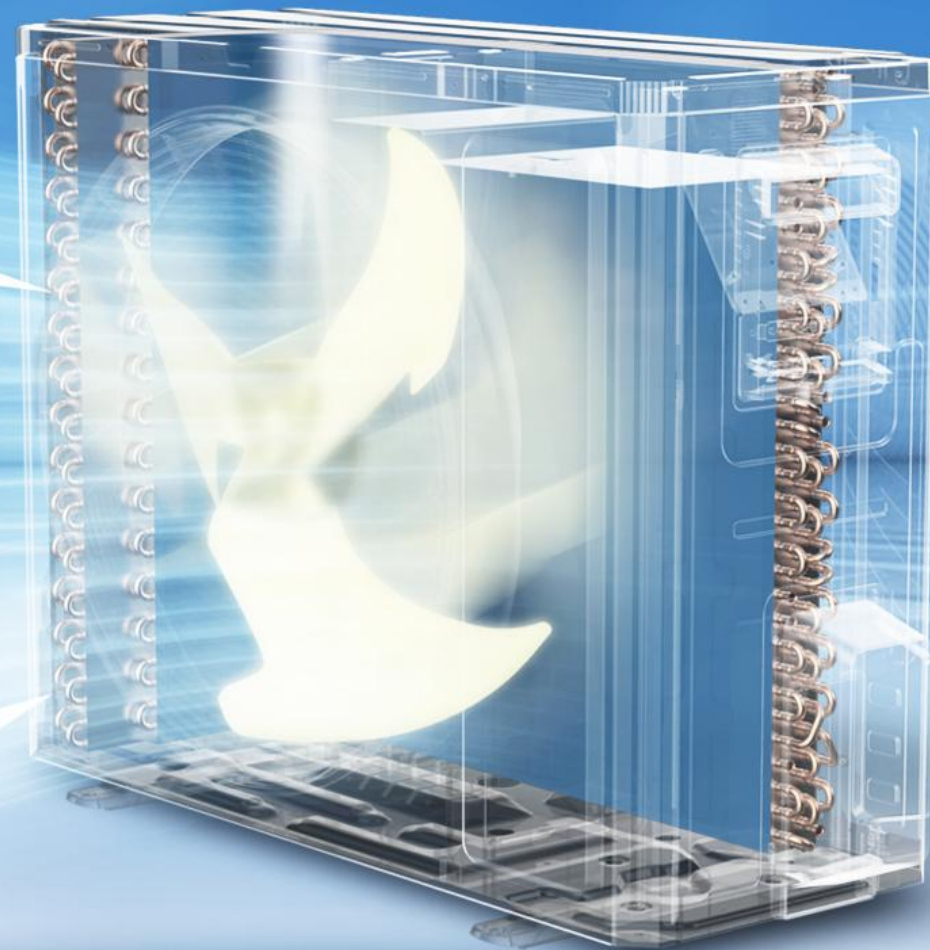
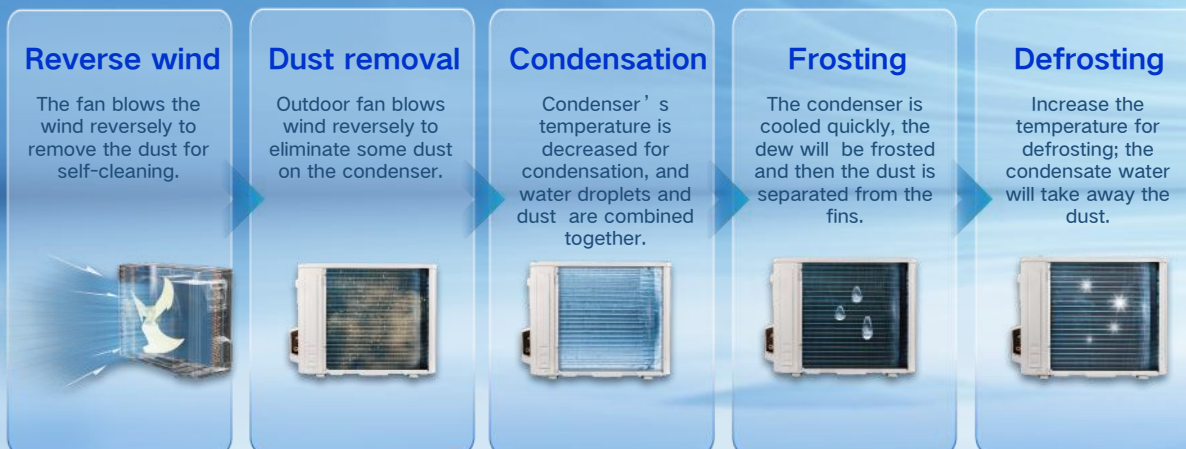
Note:

1. This function is only for some models in the Middle East and Asia.;
2. Heat pump units adopt 5-step self-cleaning (ambient temp. \geq set temp.);
3. Cooling only units use reverse wind for ODU self-cleaning.

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04

Energy-saving and Eco-friendly

G-AI Learning Technology

Airy adopts the AI + intelligent inverter associated control scheme, and pioneers the G-learning intelligent algorithm.

With Gree's independently-developed AI technology, annual power consumption is reduced by 15%!



Reception
processing
signal



Startup
algorithm



Expert system
knowledge
base



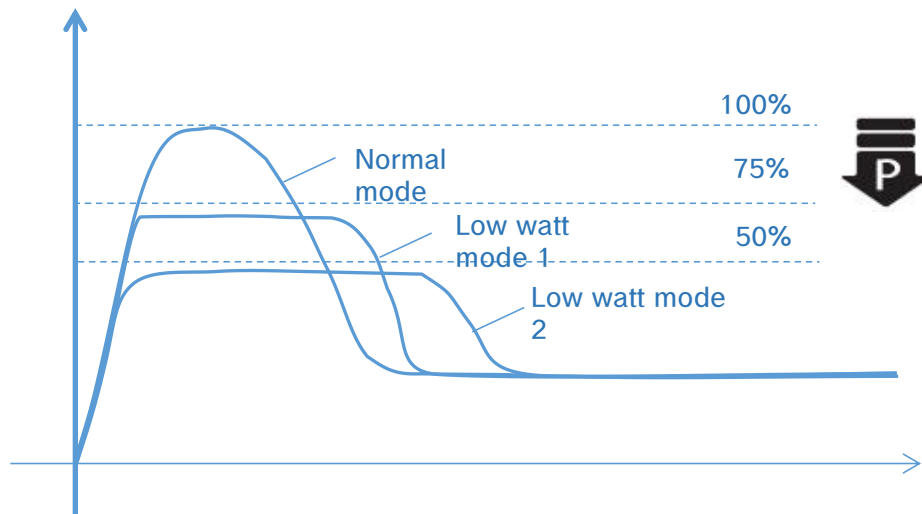
Optimal power
release
scheme

Power Gear Control

To meet different power curtailment needs

Airy can realize power input reduction operation through a single button or combination buttons. The power is reduced to below 75% in low watt mode 1 and below 50% in low watt mode 2.

Although the power input is reduced, the comfort is not affected, which perfectly meets the power consumption demand in some special areas. The families with power curtailment can still enjoy coolness and comfort.

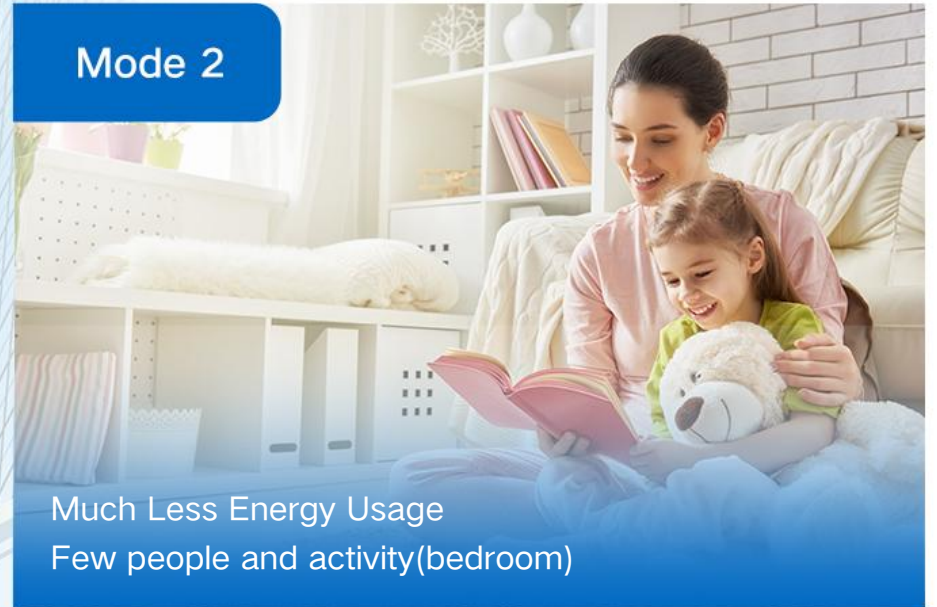


Mode 1



Less Energy Usage
Not many people and activities(office)

Mode 2



Much Less Energy Usage
Few people and activity(room)

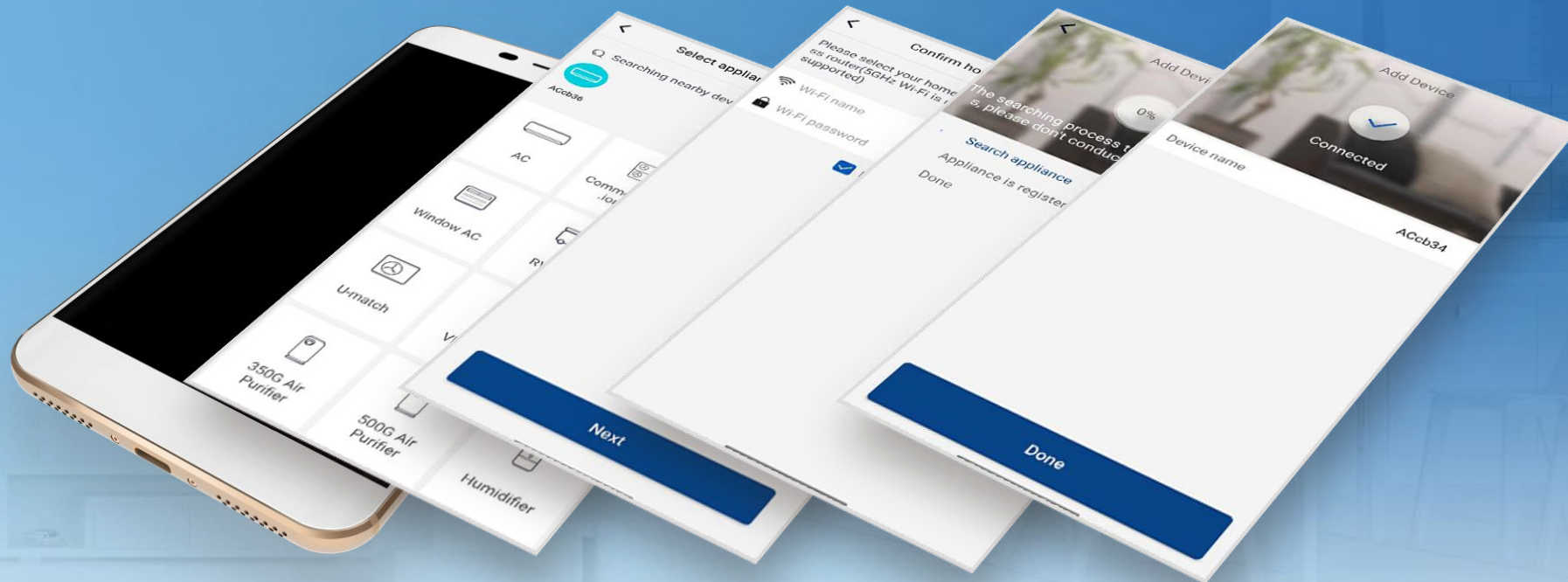


05

INTELLIGENT CONTROL

WiFi Bluetooth Efficient Networking

Airy 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 the reliability of the product.



1. Search nearby devices

2. Confirm home WiFi

3. Connect the device

4. Network is connected

Intelligent Control System*

No more difficulty to manage several units at the same time

Smart Centralized Control

Through Gree smart centralized controller, control of switches, modes, temperature and timer of up to 36 units can be realized in a centralized way.

For large hotels, shopping malls, parking lots and similar areas, the utilization of BMS-Building Management System can achieve centralized control of up to 255 devices.



*This function is optional

Note: The picture is only for reference; please refer to the actual product.



Smart Voice Control to Free Your Hands

Smart voice control supported, and third party smart voice speakers are compatible.

When you give a command, the third party smart voice speakers, such as Google Assistant or Amazon Alexa, will send the command to the unit. Without a remote control, you can enjoy smart life anytime and anywhere in your house.



Wifi Control



Smart On Demand



Timer



Voice Interaction



Life Helper

*Note: only some models have this function

Upgraded After-sales Service

Innovative Intelligent Maintenance

Excellent air conditioners need excellent after-sales service. Gree has created an innovative maintenance method: a combination of the Internet and the latest-developed maintenance tool – the intelligent multifunctional tester. It can effectively deal with software problems of inverter air conditioners, such as loud noise, poor cooling/heating performance, bad defrosting effect and system errors, which will not only lower the cost of maintenance, but also make after-sales service easier, faster, more accurate and reliable.

Some maintenance work can be done indoors



Note: The multifunctional tester is applicable for Gree residential inverter air conditioners.

Upgraded After-sales Service

Easy Installation and Maintenance

1 Quick main board disassembly design enables easy disassembly and maintenance by opening the panel only

2 Air outlet is easy to remove for washing

3 The ultra-large built-in filter can be disassembled directly for cleaning; no need to disassemble the unit

4 The mounting plate has English scales for easy installation*; clasps are enlarged to increase the pipe connection space for the convenience of installation.

*Note: This function is optional.

