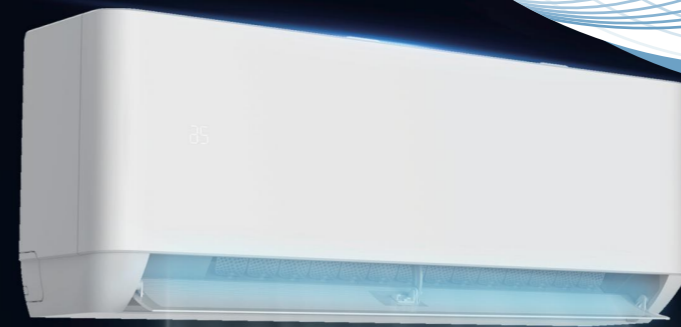


# 2024 AIR CONDITIONER CATALOGUE



## *iClima Limited*

**HK office:** Unit 1406A, 14/F, The Belgian Bank Building, Nos. 721-725, Nathan Road, Kowloon, Hong Kong

**Mainland contact:** Floor 5, Yingfu Business Center, Qinglong South Road, Foshan City, Guangdong Province, China, 528305

**Tel:** 0086-757 2881 8060

**Email:** [sales@iclimate.com](mailto:sales@iclimate.com)

**Website:** [www.iclimaair.com](http://www.iclimaair.com)





## ABOUT US

iClima Limited was started by professional team with extensive experience in the air conditioning industry for more than 15 years, registered in Hong Kong, daily office in Shunde, China and Prevalle, Italy.

### Our Brand

iClimaAir, means loving the environment, loving the air. We are committed to providing sustainable climate products & solutions to our customers, which are environmentally friendly, healthy and energy-saving.

Now iClimaAir brand has become one important Chinese brand in global air conditioner market, with distributors spread in Asia, Europe, Africa market etc..

Our policy is to be the best in every sourcing and service sector in air conditioner business, which born from true value of Competitiveness, Flexibility and Reliability.

### Sourcing for you

The biggest advantage of iClima Limited, is we collect orders under OEM brands from worldwide middle/small sized importers, combine these orders and get supports from China manufacturers, which is hardly to have for any individual members. We could empower our OEM customers to expand the business fast like the top 3 players in the local market!



# SUPERIOR MANUFACTURING

High Automation Coverage

## Leading Quality Qualification For Global Markets

We ensure the highest-quality of products, with strict life cycle management, industry-leading testing, and a robust after-sales service system, to ensure the highest-quality of products.

**100+**

Certificates for over 140 countries and regions



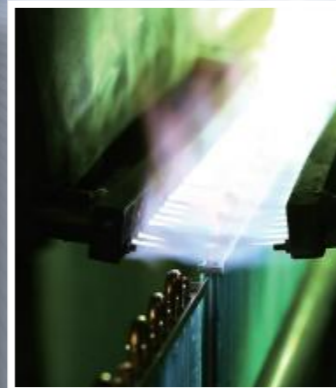
Automatic Pipe Assembly Welding



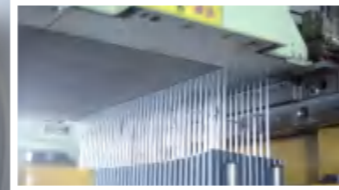
Automatic Packing



Evaporator Cutting & Lifting



Automatic Welding  
Automatic Vacuum Leak Detection



High Speed Punching  
Automatic Turning Over



Automatic Compressor Assembly



### Keep Investment on Automation

↑ **10%** Profit  
↑ **10%** Unit Efficiency

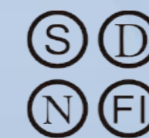
Visualized, Digitized & Traceable



20% ↑  
Products First Pass Rate



73% ↓  
Missing Part or Incorrected Assemble (PPM)

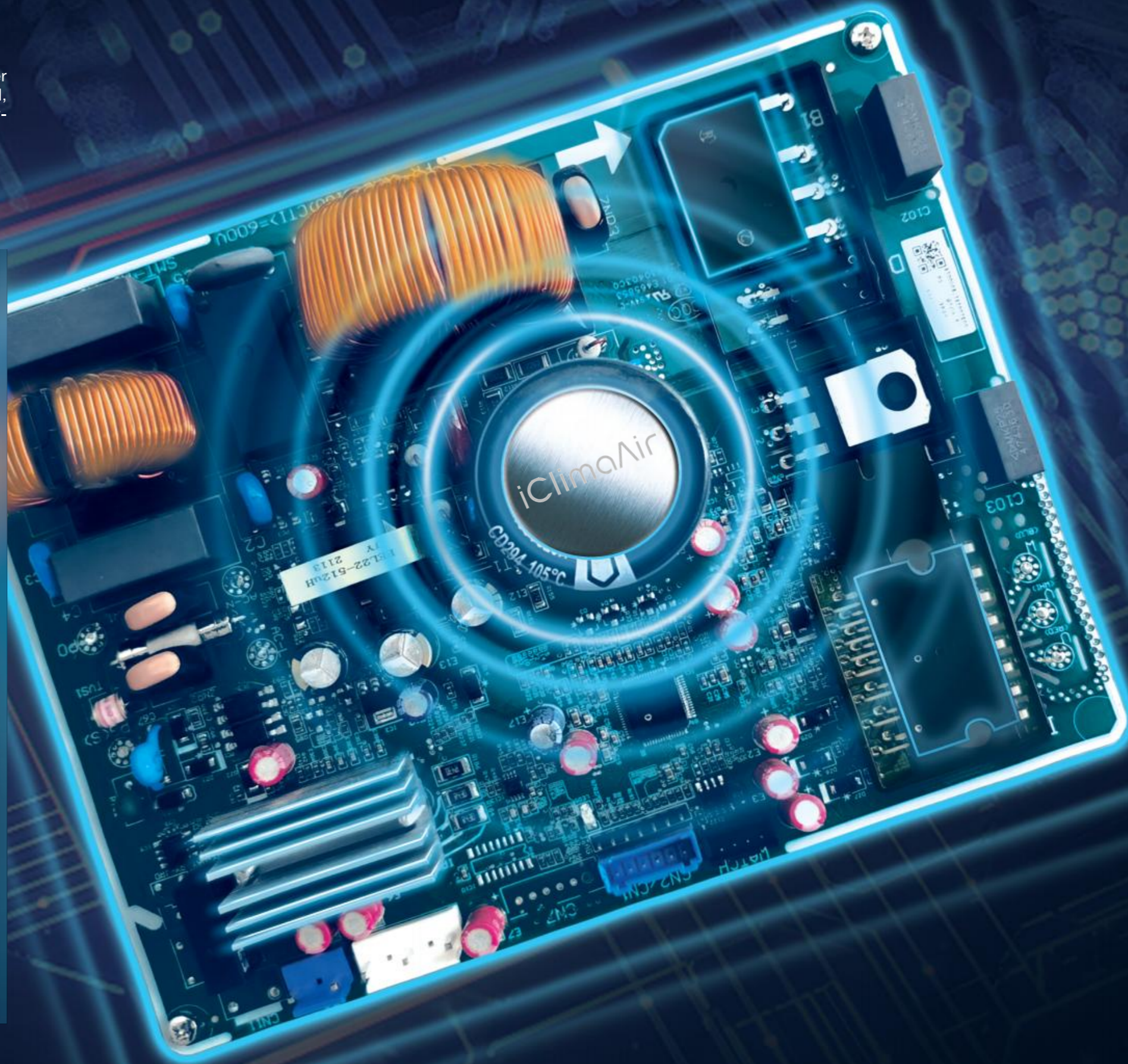


# **SPLIT AIR CONDITIONER**



# LEADING INVERTER TECHNOLOGY

By apply the leading inverter technology, including the fuzzy query, the inverter air conditioners can provide more precise and comfortable temperature control, while with lower operation noise, wider operation voltage range and more energy-saving ,compared to other ordinary air conditioners.



## Fuzzy Control

Fuzzy control mode can provide more precise & efficient frequency control of inverter air conditioner operation.



## Precise Temperature Control

After rapidly reach the set temperature, it will maintain the set temperature with energy-saving and stable operation, without turning on/off the DC inverter components frequently, such as compressor, fan motor, etc.



## 10%-20% More Energy Saving

It can reach the set temperature more precisely & efficiently, saving energy consumption more logically through the inverter AI algorithm, compared to other ordinary inverter air conditioners.



## Intelligent Low Frequency Torque Compensation

The technology enlarges the running range of low frequency, which largely increases its controlling extent of minimal cooling capacity, in order for more precise temperature control.



## New Generation of PCB

Compared with ordinary PCB, New Generation PCB adopts single capacitor and single resistance control technology, which has high integration degree, large power density and better efficiency performance.

# FRESH AIR INTAKING TECHNOLOGY

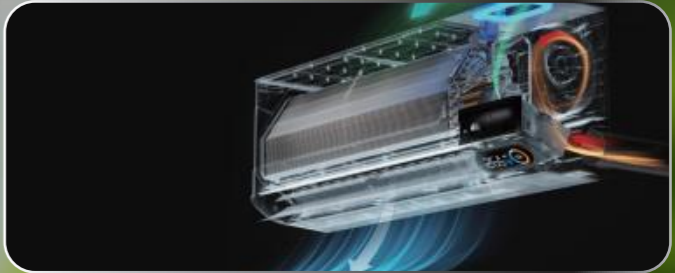
Experience of Air Cleanliness

No Additional Drilling Wall Hole Required  
For Fresh Air Pipeline



Fresh Air With Constant Temperature.

- Intaking fresh air from outside & filtering.
- Lifted air deflector led fresh air to the top filter of indoor unit.
- Interflow of fresh air & ordinary room air.
- The interflow flows through the evaporator for cooling/heating.



Entrance of Fresh Air

Blue Wing-like Air deflector. Anti-dust.

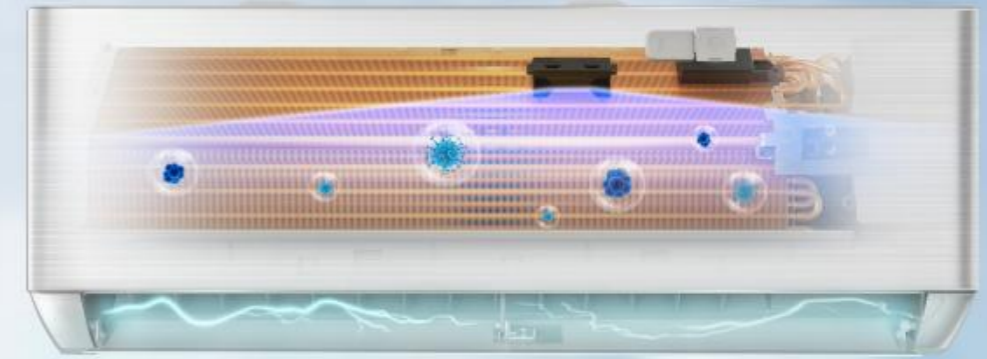


Blue display when fresh air is activated



# 56°C HIGH TEMPERATURE SELF-CLEANING & STERILIZATION

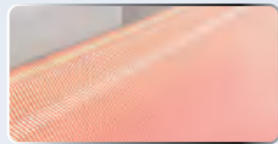
Experience of Air Cleanliness



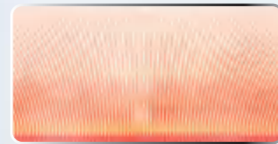
Frosting



Defrosting



High Temperature  
Drying



56°C High Temperature  
Sterilization

Optional

Heat Pump DC Inverter Only

## B.I.G. Care+

Bipolar Ionic Generator & UVC Sterilization Pro

### UVC Sterilization

Kills bacteria by damaging their protein & DNA. UVC radiation: 240nm-280nm.

### Built-in Bipolar Ionic Generator

Generate large volume of plasma, atoms, strong oxidation substance, which could damage & kill the bacteria & virus. Release high energy electronics to ionizing the air. Bipolar Ionic Generator is built in the air outlet.

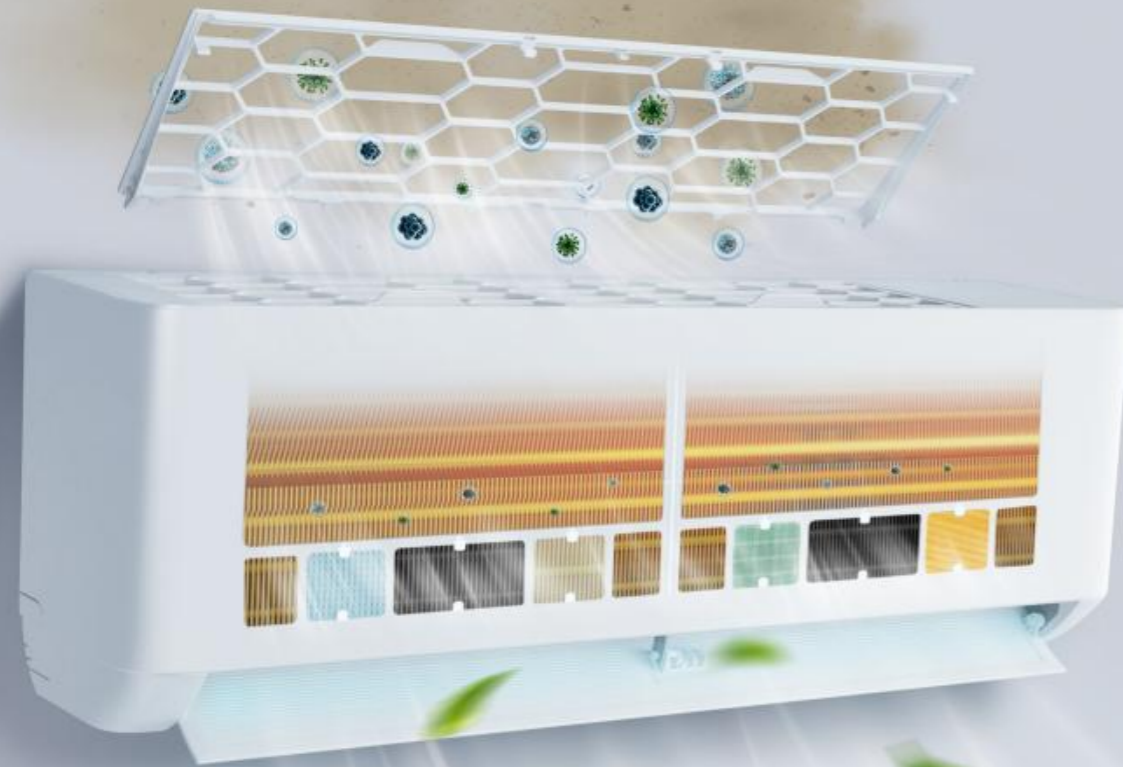


Bacteria Eliminating Rate:

> 98.66%

# DISTRIBUTED HEALTHY FILTER SYSTEM

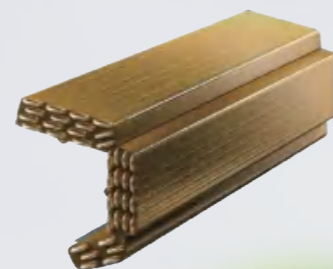
Experience of Air Cleanliness



## The Golden Fin

The Golden Fin technology is more resistant to water rust, adherent grease, oxidation and other corrosive elements than ordinary blue fins for heat exchanger (one of the core components of the AC indoor unit) to furnish steadier cooling performance in a longer duration.

Dry-wet cycle tests **3000 times** (equivalent to using an air conditioner for 10 years): the golden fin still has good hydrophilicity (hydrophilic angle  $\theta \leq 30^\circ$ )



## Top Opened Filter

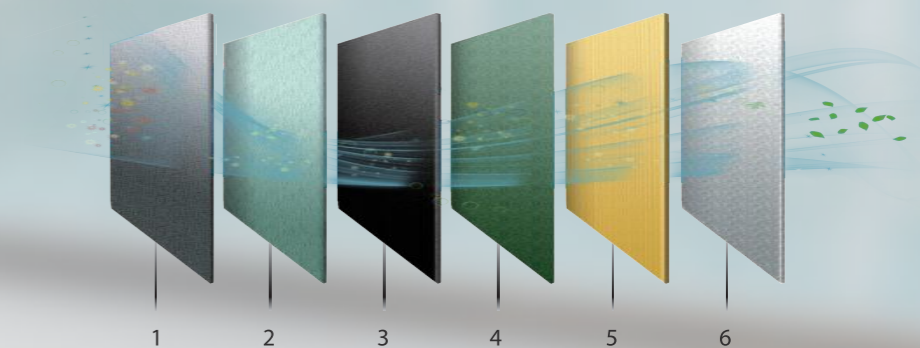
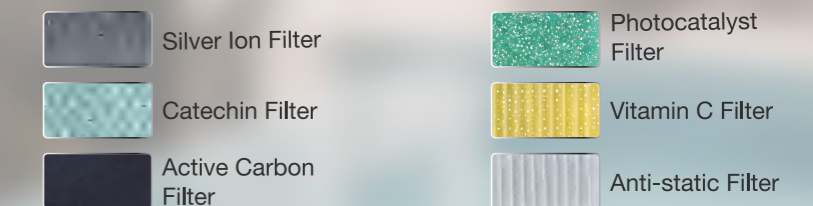
High Density: Higher efficiency in filtering dust, small particles in the air & more durable;

Nano Silver: Effective filtering of dust, small particles, etc. & excellent capability of anti-bacterial growth.

## Healthy Filters

Both Singular Filter & 6 in 1 Filter Available

## Singular Filter



## 6 IN 1 Filter

- |                         |                     |                            |
|-------------------------|---------------------|----------------------------|
| 1. Silver Ion Filter    | 2. Catechin Filter  | 3. Active Carbon Filter    |
| 4. Photocatalyst Filter | 5. Vitamin C Filter | 6. Anti-dust Static Filter |



# GENTLE COOL WIND

Experience of Air Flow Comfort



## Advanced Innovation

1. 14 blades, 1,106 micro holes. (Model TP800)
2. Disperses harsh wind to gentle & laminated soft wind.
3. Micro holes are upturned for better experience of air flow comfort.



## Global Leading Technology

Authorities: Group experts of China Light Industry Council

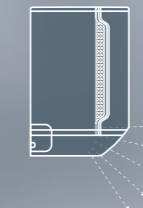


## Precision Vector Air Supply



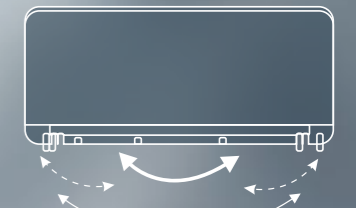
### 3 Swing Types(Vertical)

- Whole-house swing
- Upside swing
- Downside swing



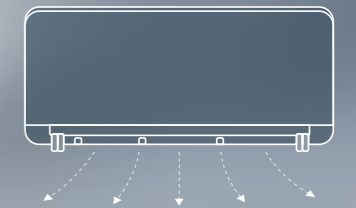
### 5 Blow Types(Vertical)

- Fix direction of air blow



### 4 Swing Types(Horizontal)

- Whole-house swing
- Side Swing (L-R)
- Middle Swing



### 5 Blow Types(Horizontal)

- Fix direction of air blow



## Rapid Cooling in 30" & Rapid Heating in 60" \*

### In Heating Mode

Outlet Temperature Increased from 20°C to 40°C in 60"

60" 40°C  
Heat Wind Blows Out in 

### Chill Wind & Hot Wind

8°C Chill Wind One Button to Enjoy Extreme Cooling at 8°C.

50°C Hot Wind One Button to Enjoy Extreme Heating at 50°C.

### In Cooling Mode


Outlet Temperature Decreased from 25°C to 18°C in 30"

30" 18°C  
Cool Wind Blows Out in 

\* Under tested condition, electrical heater required for rapid heating in 60"



## 60°C Strong Cooling in High Ambient Temperature

 **60°C**  
Ambient: Still Good Cooling!

**50°C**  
Ambient: Full Capacity as Rated!

## -20°C Strong Heating in Low Ambient Temperature

 **-20°C**

## COMFORTABLE COOLING

Normal Comfortable Humidity 40%- 60%

Humidity Control

Low Humidity



VS



Comfortable Cooling

Ordinary Cooling

Avoid too much dehumidification & maintain the most comfortable humidity while maintaining the set temperature.



**R290**  
1st application of R290 in AC industry in China. A refrigerant with good heat transmission, higher efficiency, energy saving & environmental protection.

**R32** A refrigerant can convey heat efficiently, it has much lower GWP compared to R22 and R410, and is remarkable for its low environmental impact.

# EXPERIENCE OF AI X IOT



## WIFI Control

Control the AC through APP & internet IOT connection with other applicable home appliances.



## Smart Body Sensor

Direct Wind Mode – Wind will be automatically directed and tracking users' movement.  
Indirect Wind Mode – Wind will be automatically directed and away from user.



## AI Voice Control

Voice control based on deep neural network.

## Gen Mode

By limiting its rated power and current, the air conditioner can operate normally. This effectively solves the problem of insufficient power supply or power interruption. In view of the ambient temperature is too high or the voltage is too low, the power output of generator will be automatically raised to let the unit run without stopping.

LV1 Rated power is about 30%

LV2 Rated power is about 50%

LV3 Rated power is about 70%

## 1W Standby

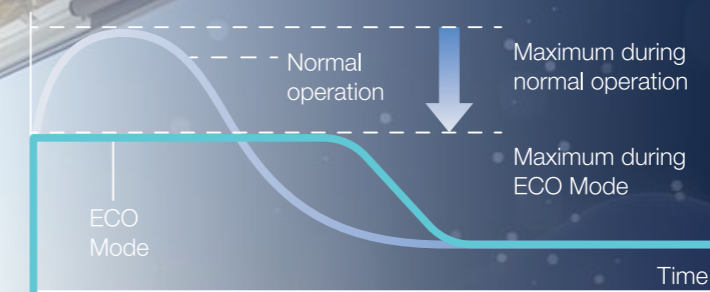
When the unit is standby with power connected, its power consumption is optimized to be as low as 1W, which is more energy-saving, comparing to other ordinary ACs.

## Smart ECO

By activating the Smart ECO mode, the air conditioner will automatically working in the most efficient and energy-saving way, while maintaining the most comfortable sleep experience in the room.

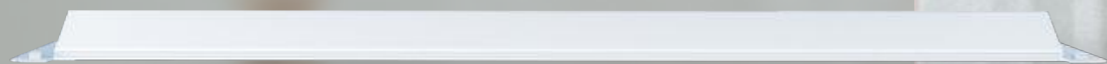
## From start-up until set temperature is reached

Running current and power consumption



EXPERIENCE OF ENERGY-SAVING

# AIR PRO SERIES SPLIT AIR-CON



## Easy Installation Easy Detachable Bottom Plate

Larger space for piping (10%).  
One PRESS to detach the unit from the plate window for easy wiring.  
Larger space for pipe connection ( $\geq 165\text{mm}$ )

20" = Disassembly + Assembly



Disassembly



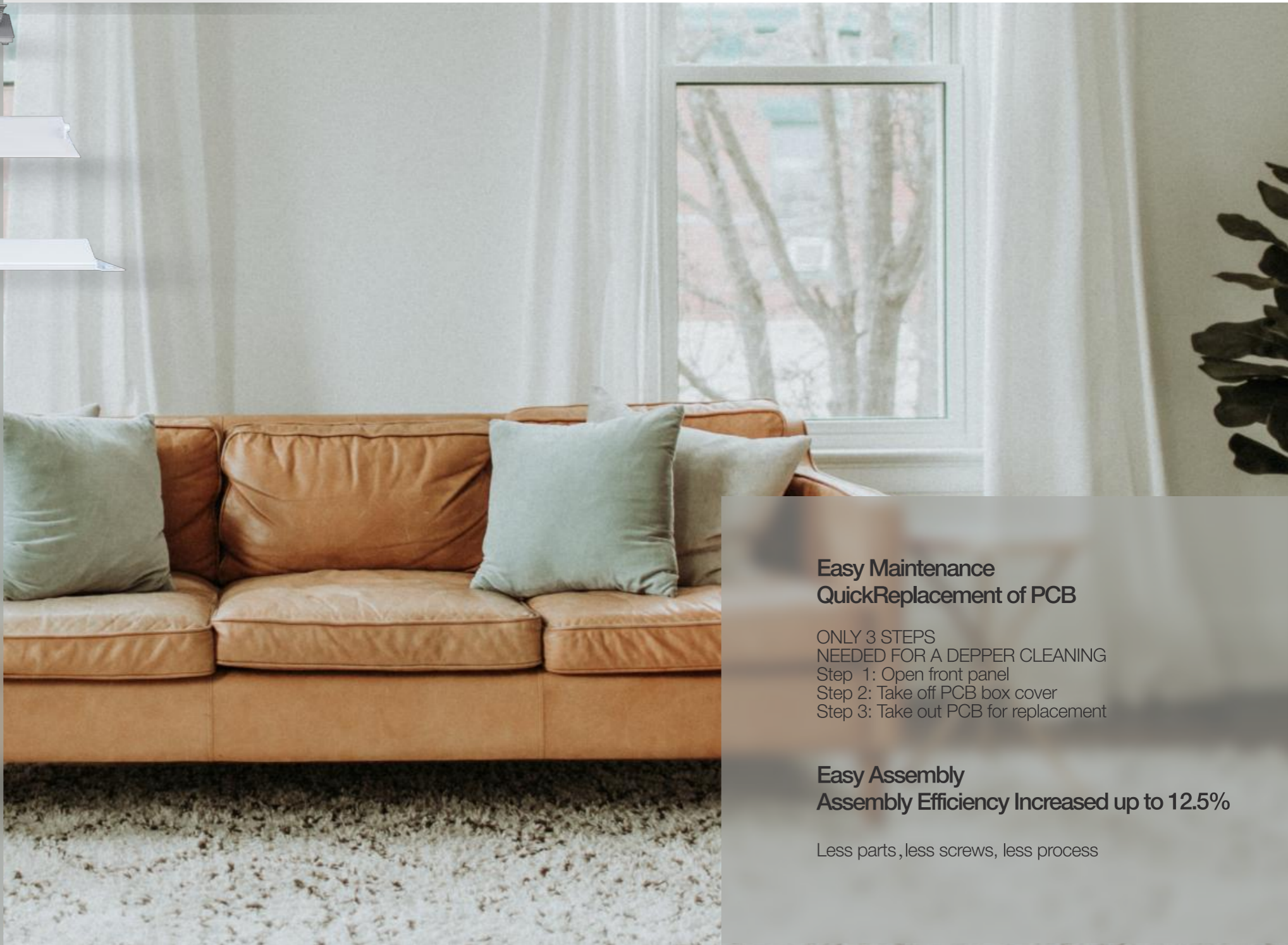
Assembly

## Easy Cleaning Duct System & Cross Fan

ONLY 3 STEPS Needed for a Deeper Cleaning  
Step 1: Take off the blades.  
Step 2: Take off the bottom plate.  
Step 3: Take off the louver.  
Clean the Duct System & Cross Fan.

## Easy Maintenance Convenient Leakage Check

Large space for connecting. leakage check of indoor unit.



## Easy Maintenance Quick Replacement of PCB

ONLY 3 STEPS  
NEEDED FOR A DEPPER CLEANING  
Step 1: Open front panel  
Step 2: Take off PCB box cover  
Step 3: Take out PCB for replacement

## Easy Assembly Assembly Efficiency Increased up to 12.5%

Less parts, less screws, less process

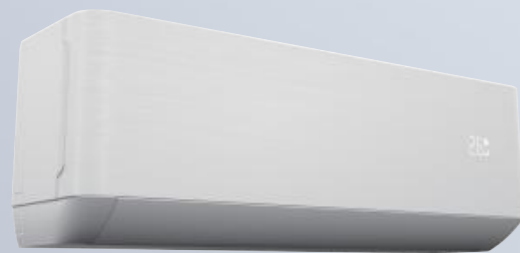
# AIR PRO SERIES SPLIT AIR-CON



61



31



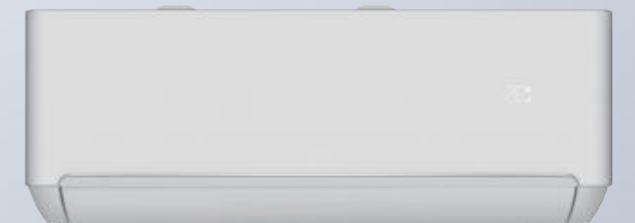
61



61



31



31

## STANDARD



Emergency Button   Auto Mode   Sleep Mode   Smart Air flow   Independent Dehumidification   Self-diagnosis   Refrigerant Leak Detection   Louver Position Memory

## OPTIONAL



Gentle Cool Wind   Rapid Cooling in 30"   Rapid Heating in 60"   B.I.G. Care+   56°C High Temp. Self-cleaning & Sterilization   20" Disassembly + Assembly   Wifi Control

## STANDARD



Emergency Button   Auto Mode   Sleep Mode   Smart Air flow   Independent Dehumidification   Self-diagnosis   Refrigerant Leak Detection   Louver Position Memory

## OPTIONAL



Gentle Cool Wind   Rapid Cooling in 30"   Rapid Heating in 60"   B.I.G. Care+   56°C High Temp. Self-cleaning & Sterilization   20" Disassembly + Assembly   Wifi Control



# AIR COOL SERIES SPLIT AIR-CON

Reliable and Durable,

Your Trustworthy Smart Choice

## Fireproof Electric Control Box



The Golden Fin technology is more resistant to oxidation and corrosion than ordinary blue fins of condensers. It can effectively prevent bacteria from breeding and spreading, and withstand corrosive elements.

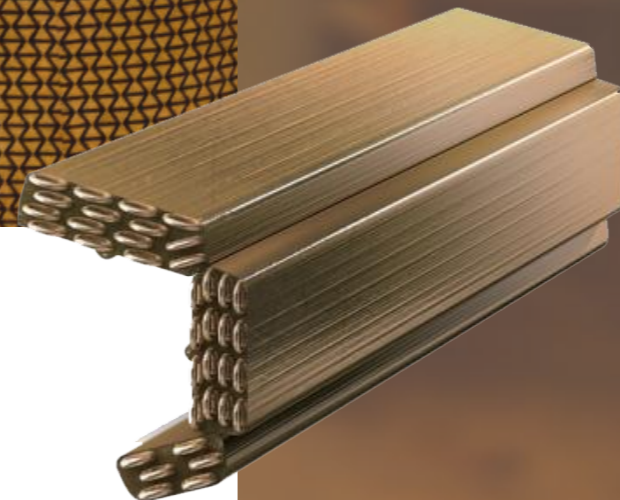
## Refrigerant Leakage Detection

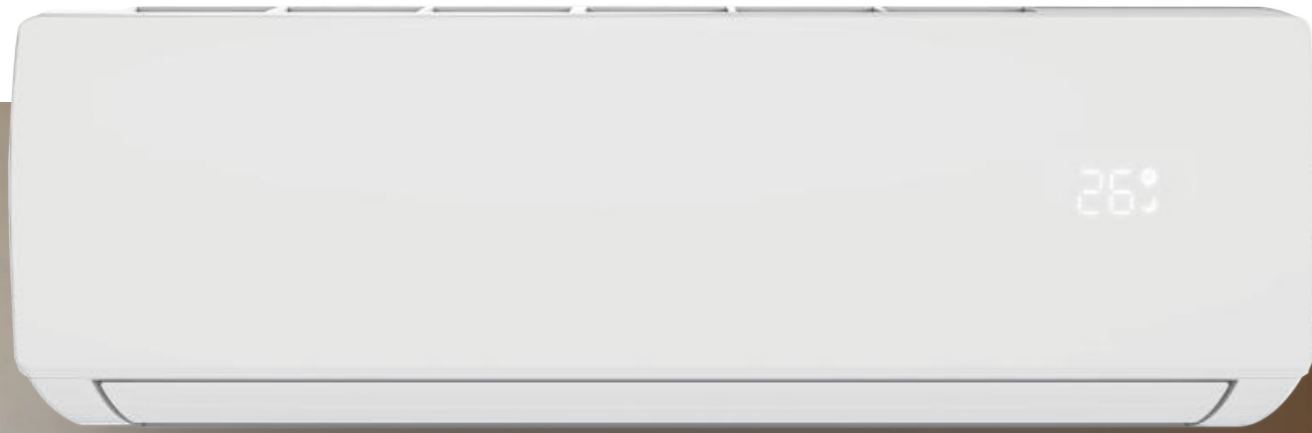


The system will stop operation automatically to ensure safety once the refrigerant leakage is detected.

## Golden Fin

The Golden Fin technology is more resistant to oxidation and corrosion than ordinary blue fins of condensers. It can effectively prevent bacteria from breeding and spreading, and withstand corrosive elements.





# AIR ECO SERIES SPLIT AIR-CON



## Smart Air Flow

In cooling mode, the cool air is blowing towards the ceiling to provide a shower-style cooling experience. In heating mode, the warm air is blowing towards the floor to provide a blanket-style heating experience.

Shower-style Air Flow  
In Cooling Mode



Blanket-style Air Flow  
In Heating Mode



## Noise Reduction

Optimized air outlet and volute tongue for better heating and blowing. Optimized bending angle of the evaporator to enlarge the heat exchange area and reduce the resistance of wind, in order to improve heat exchange efficiency. 1~2 dB noise reduction of the whole air conditioner.



## Larger space for pipes

Larger space for pipes to increase the assembly efficiency. Reduce the interference between pipes and frame.



## Better Safety Design

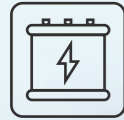
Insulated design from condensate water to electricity. BMC fireproof electric control box is applied, which creates high heat resistance & erosion resistance.



## The Most Compact & the Biggest Unit

Its most industrial compact unit is as small as 698mm for 7K Btu/h model. Its biggest unit in the industry is up to 1460mm for 36K Btu/h model.

# FREE MATCH



## Wide Range Combination

Only one outdoor unit is required to connect to various combination of indoor unit, to meet with different needs. Space saving & cost saving, as only one outdoor unit is needed.



## Low Watt Standby

Under standby mode, its power consumption is ranging from 0.5w to 2w, depending on different combination.



## Smart Refrigerant Flow Distribution Control

Through the expanding valve of outdoor unit, the inverter system can intelligently control the amount of refrigerant flow according to users setting of different indoor units, ensure the cooling/heating is comfortable and energy-saving.



## Wide Range of Operation Voltage

Operation voltage ranges from 150V to 265V, which is fit for different users who are living in various power supply status.



## WIFI Control (Optional)

With WIFI function, users can easily control the unit outside the house, through the smart APP and internet.







### R290 Eco-friendly Refrigerant

A refrigerant with excellent heat transmission, higher efficiency, energy saving and environmental protection.



### Automatic Drainage

Built-in water pump available for automatic drainage of dehumidified water, which save users worries of draining the water tank.



### Water Full Indication Display

Once the water tank is full, the indication will be displayed on the top panel, the users then can be notified timely.



### Dust Prevention Designed Front Grille

Inclined downward designed grille can effectively prevent dust from falling inside the duct system. Easy to wipe.



### Easy Cleaning Filter

The Filter can be easily dismantled and cleaned.



### R290 Eco-friendly Refrigerant

A refrigerant with excellent heat transmission, higher efficiency, energy saving and environmental protection.



### Fashionable & Concise outlook

- It is designed with polished & high gloss panel and integrated top mounted control panel.
- Various colors of panels are available for selection.



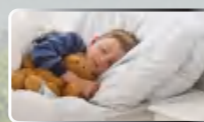
### 4-way Air Flow

Through the coanda effect louver & vanes, air can be directed both vertically and horizontally, providing experience of 3D air flow. Cooling/heating air can reach every corner of the room more effectively and efficiently.



### Automatic Condensate Self-evaporated

No need for condensate drainage as it will be led to the condenser automatically for evaporation, which further increase the efficiency of heat exchanging.



### Smart Sleep Mode

Basing on the regular body temperature curve of human's sleep, the unit will automatically adjust the room temperature according to its initial settings and running time.

# TOP DISCHARGE WINDOW AIR-CON



### 3 Step Easy Installation

- Step 1: Placing inside an open window.
- Step 2: Securing the side bracket.
- Step 3: Securing the side panels.



### Smart WIFI Control (optional)

You can easily control your air conditioner anywhere with your WIFI Connection.



### Extra Low Noise Operation

Lowest to 42 dB(A) in Cooling Mode  
Lowest to 32 dB(A) in Fan Mode  
Innovative middle partition plate is applied to effectively isolates the inner body parts from outer body parts of the unit, which largely reduce its operation noise to the lowest level of 36 dB(A)\*.



### Long Distance Air Supply

Optimized air duct can provide longer air supply, compared to other ordinary window type air-con.



### Filter Cleaning Reminder

After running for a particular period, the air-con will automatically detect the cleanliness of the filter and remind users of filter cleaning.

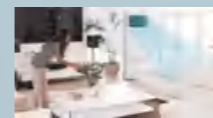
\* Lab testing figures in fan mode

# DEHUMIDIFIER

# PORTABLE AIR-CON



# FLOOR STANDING AIR-CON



## Wind Avoid Me

With one tap of button, the airflow direction is automatically adjusted to the maximum angle to prevent direct cold/hot drafts.



## Powerful Airflow

Equipped with a powerful dc motor and a large-diameter centrifugal blower wheel to achieve an airflow up to 2300m/h.



## Touch Control

The control button are embed into the body so that the unit can be controlled with only a gentle touch.



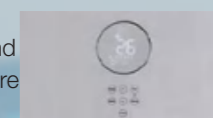
## 15 Meters Long Distance Wind Blast

The large air outlet and six large air directing blades enable an airflow distance of up to 15m.



## 3D Airflow

The 3D airflow function combines vertical and horizontal auto-swing to spread comfort more widely throughout the room.



## Hidden VLED Display

The hidden VLED display screen is easy to read yet beautiful.



# SPLIT OVERVIEW

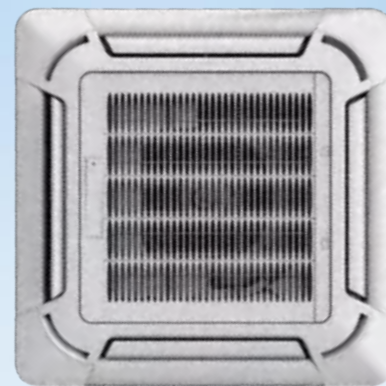
## Ceiling & Floor

Two types of installation method – floor installation and ceiling installation – can be selected. This model has a compact design and streamline appearance, making them easy-to-match to various installation conditions.



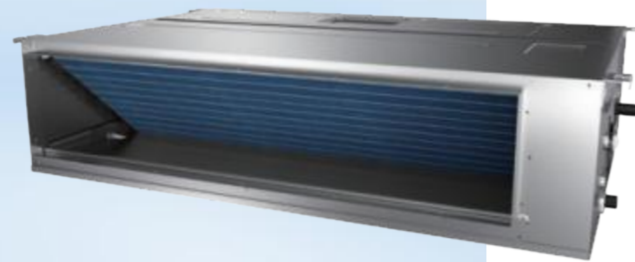
## Cassette

The unit delivers excellent coverage with a wide distribution of air, making it ideal for use in large spaces. We have a variety of series including Compact models offers the convenience of being spacing saving yet powerful and Round Flow models that deliver air in 360° directions.



## Duct

The main unit of this type offering the most discreet air conditioning. We have Mini Duct and Low Static Pressure Duct models that allowing convenient installation in narrow spaces in beams or above the ceiling. The High Static Pressure Duct models guarantee maximum comfort in the large space. The outdoor unit's air inlet and outlet can be routed through the rear or bottom of the unit, easily adapting



## Console

Floor type with compact and slim design is suitable for installation in both residential and commercial. The deflectors intelligently direct cold air up and hot air down, setting the perfect temperature quickly and efficiently, and without blowing air directly at people.



## Floor Standing

Equipped with a powerful DC motor and a large-diameter centrifugal blower wheel to achieve an airflow of up to 2300m<sup>3</sup>/h, ensuring optimal comfort widely throughout the room. The sleek appearance, easy clean filter, and intuitive control make them friendly to both staffs in the office places or in the commercial places.



## 12K - 60K

Our compact design units is efficient in several different capacities to drive down costs and energy use.

Line up of multi type for air conditioning from 2 rooms to 8rooms with one outdoor unit in apartments where it is difficult to secure space for the installation of outdoor units.

# AIR TO WATER HEAT PUMP SYSTEM



## One-stop solution - Heating, cooling and domestic hot water in one system

iClima offer integrated air to water system that provides space heating and cooling as well as domestic hot water, it's a complete, all-year-round solution which replace traditional gas or oil boilers, or work together with them to combine with floor heating loops, fan coil units, radiators and domestic water tank. It can also be connected to solar collectors, gas furnace, boiler and other heat sources. Smart Grid certification indicates our solution can fully utilize electricity from different sources or different price levels, which means like photovoltaic, and the peak valley of urban electricity supply to meet different operation modes for cost saving.

# CAC RANGE

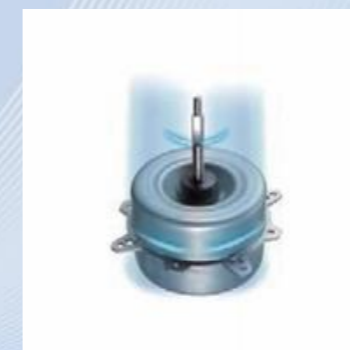
## Branded components, smart manufacturing, professionalism, and premium quality

Combines a variety of multi-core components such as branded DC inverter compressors, high efficiency heat exchanger, and a high functionality motor. This ensures that the system is high-quality, energy-saving, quiet, and durable.



### Compressor of renowned brand

Utilizes branded high-efficiency DC inverter compressor for powerful operation that is more energy efficient and stable.



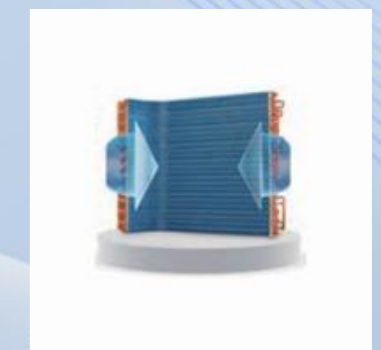
### High functionality motor

Utilizes new manufacturing technology and materials to effectively mitigate wear and tear and improve operating efficiency.



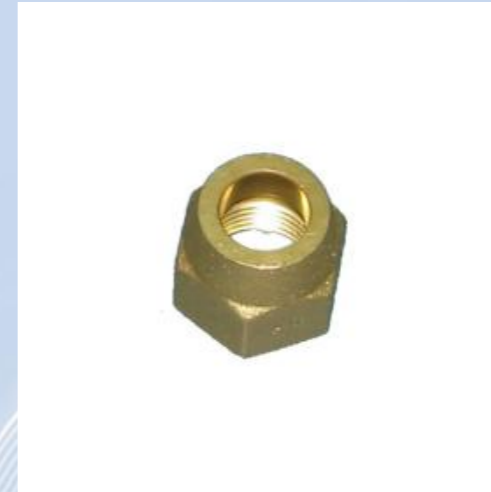
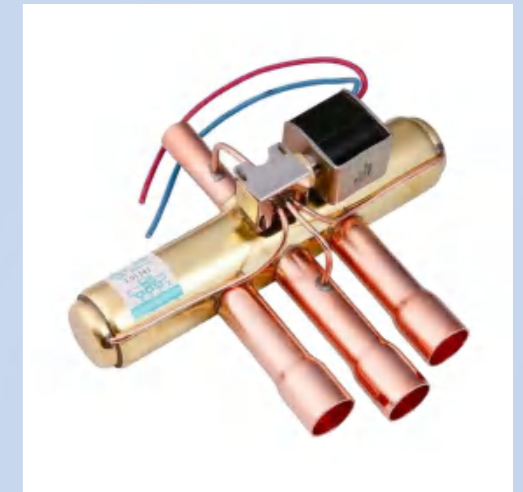
### Quiet fan blades

The structure of this unit's fan blades has been optimized using CFD technology, reducing the electric motor's energy consumption and operating noise.



### Efficient Heat Exchanger

Features an overlapping multiple outlet route design, distributing the flow of air more evenly, delivering higher heat transfer and increased efficiency.



## **ACCESSARY**

iClima also offer varieties of AC accessories to our partners, with TOP quality guarantee in China.

