

# Hisense



## EUROPEAN Air conditioners 2023



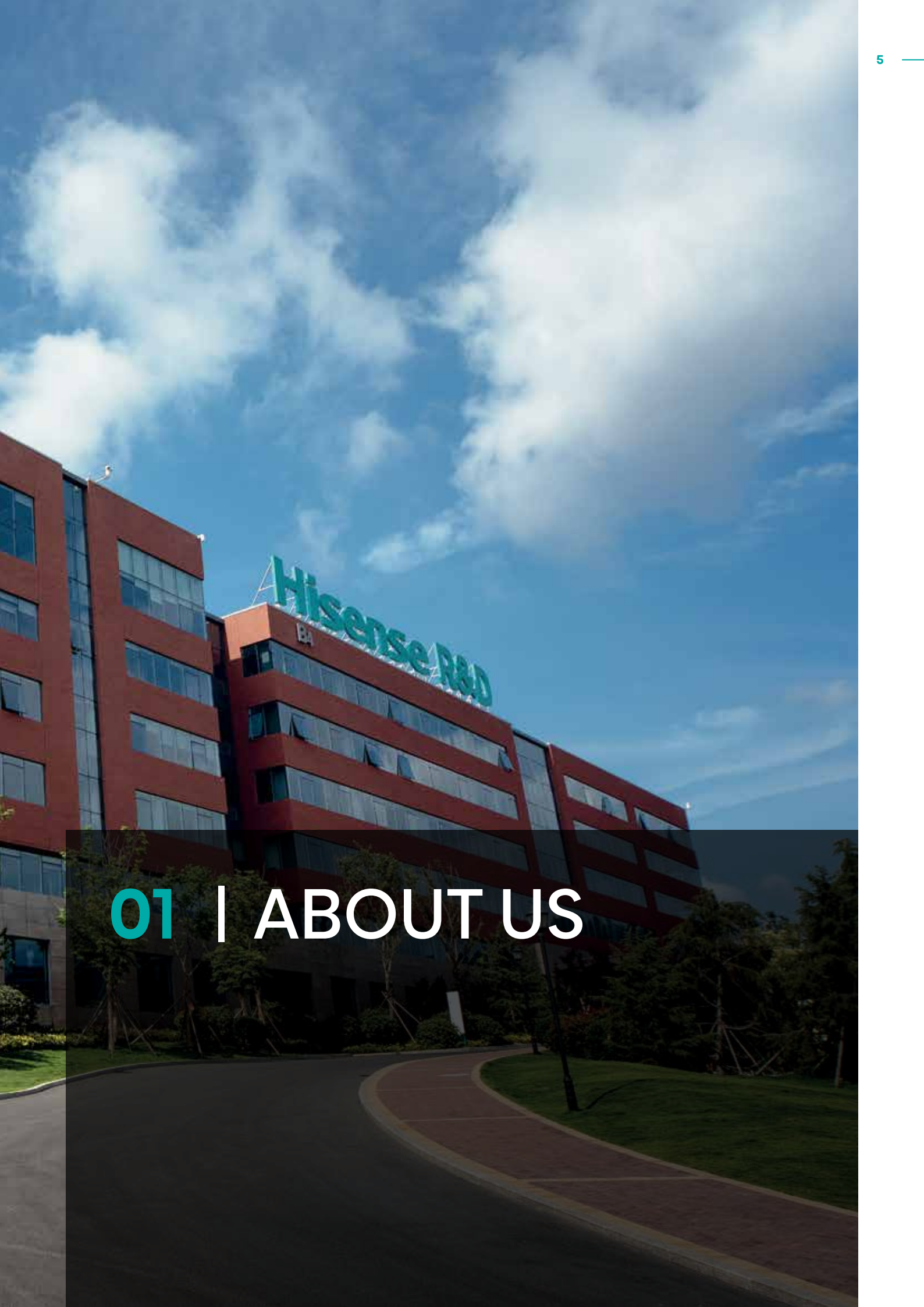
red dot



[global.hisense.com](https://global.hisense.com)

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A photograph of a modern, multi-story red brick building with large glass windows. The building is identified by a large green sign on its roof that reads "Hisense R&D". The building is set against a bright blue sky with scattered white clouds. In the foreground, there is a paved road that curves to the right, bordered by a green lawn and some young trees. A semi-transparent dark grey rectangular box is overlaid on the lower half of the image, containing the text "01 | ABOUT US".

# 01 | ABOUT US

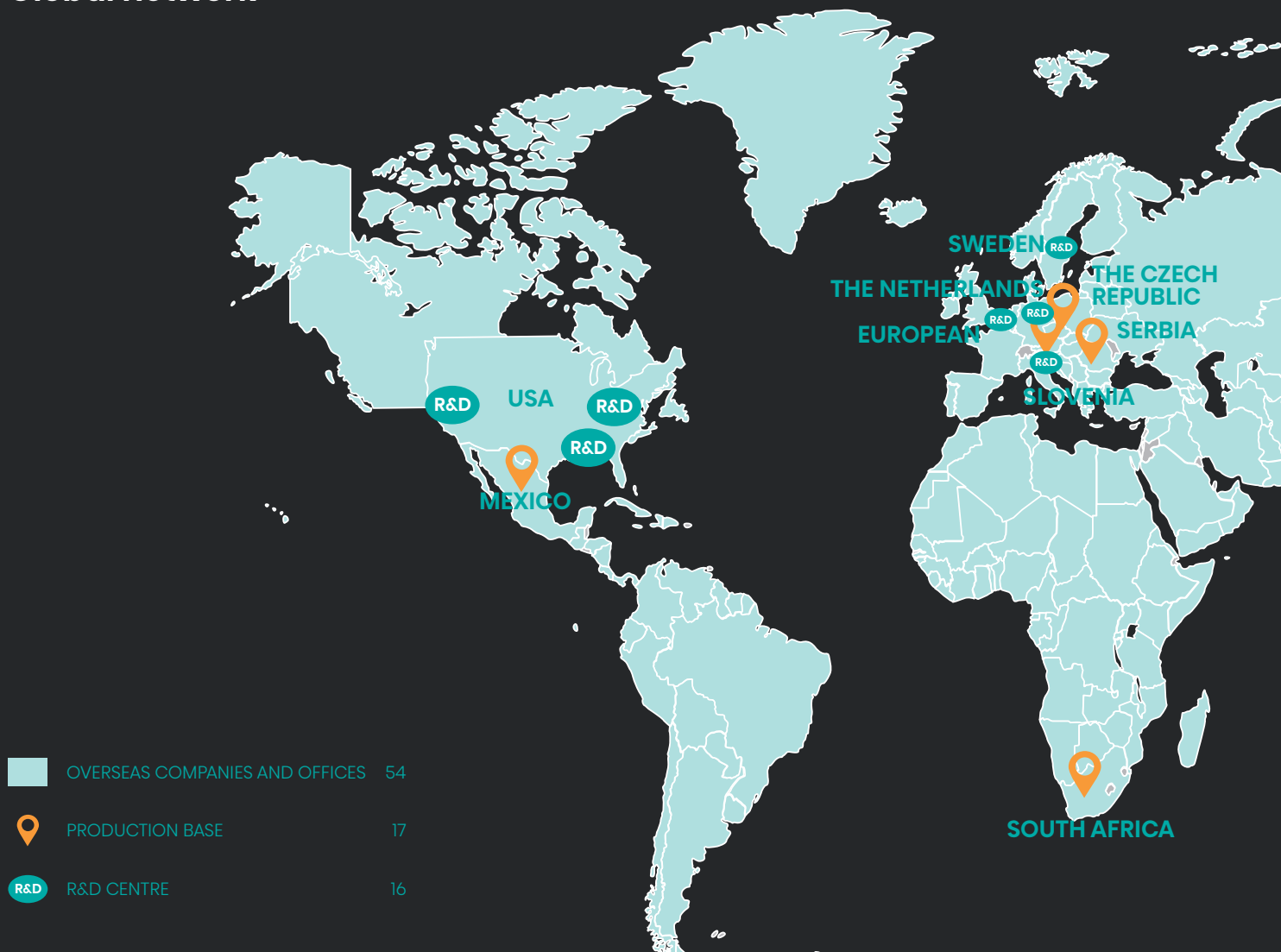
## Trusted by millions all over the world



Hisense was founded in 1969. At present, Hisense owns two listed companies - Hisense Visual Technology Co., Ltd. (600060) and HISENSE HA. (SZ000921, HK00921), listed in Shanghai, Shenzhen and Hong Kong. And it also owns many

brands including Hisense, Toshiba, Gorenje, ASKO, Kelon and Ronshen. In 2020, the overseas revenue gained 6.4 billion USD. In 2021, it achieved 11.3 billion USD, with a year-on-year growth of 43%

### Global network



With the products exported to over 160 countries and regions, Hisense has sponsored the world's top sporting events such as UEFA EURO 2016 and 2020, and 2018 and 2022 FIFA World Cup. In the China National Image Global Survey released by China International Publishing Group, Hisense was one of the "Top Ten most

familiar Chinese brands to overseas citizens" for five consecutive years. What's more, Hisense is the first batch of innovative enterprises in China and has won the "National Quality Award" twice. Hisense Group has 14 industrial parks, which are located in Qingdao, Shunde, Huzhou, Czech Republic, South Africa, Mexico and

so on. There are also 17 R&D centers located in Qingdao, Shenzhen, USA, Germany, etc. The number of R&D personnel reached 7000 with more than 3000 Master's degree and more than 100 PhD, with which Hisense initially established a global collaborative R&D system.







## 02 | MONO-SPLIT AIR CONDITIONERS

*wall-mounted*

# Line up

## Inverter

### Energy Nordic

A+++ / A+++



3500 W  
QH35XV0EG  
QH35XV0EW

### Energy Pro Plus

A+++ / A+++



2600 W  
QG25XV0EG  
QG25XV0EW



3500 W  
QG35XV0EG  
QG35XV0EW

### Fresh Master

A+++ / A+++



2500 W  
QF25XW0EG  
QF25XW0EW



3500 W  
QF35XW0EG  
QF35XW0EW

### Energy SE



2600 W  
KA25MR0EG  
KA25MR0EW



3500 W  
KA35XR0EG  
KA35XR0EW



5000 W  
KA50BS0EG  
KA50BS0EW



7000 W  
KA70KT0EG  
KA70KT0EW

### Hi-Comfort



2600 W  
KE25YR4EG  
KE25YR4EW



3500 W  
KE35MR0EG  
KE35MR0EW



5000 W  
KE50BS0EG  
KE50BS0EW



7000 W  
KE70BT2EG  
KE70BT2EW

### Mini apple pie



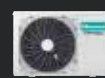
2600 W  
TG25LE0BG  
TG25LE0BW



3500 W  
TG35LE0BG  
TG35LE0BW



5000 W  
TG50XA0BG  
TG50XA0BW



7000 W  
TG70BB0CG  
TG70BB0CW

## New Comfort



**2600 W**  
DJ25LE0EG  
DJ25LE0EW



**3500 W**  
DJ35LE0EG  
DJ35LE0EW

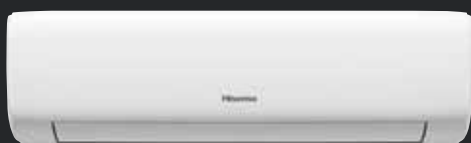


**5000 W**  
DJ50XA0EG  
DJ50XA0EW



**7000 W**  
DJ70BB0EG  
DJ70BB0EW

## Wings Pro



**2600 W**  
KB25YR3EG  
KB25YR3EW



**3400 W**  
KB35YR3EG  
KB35YR3EW



**5000 W**  
KB50XS1EG  
KB50XS1EW



**6500 W**  
KB70BT1EG  
KB70BT1EW

## Wings



**2600 W**  
KB25YR3FG  
KB25YR3FW



**3400 W**  
KB35YR3FG  
KB35YR3FW



**5000 W**  
KB50XS1FG  
KB50XS1FW



**6500 W**  
KB70BT1FG  
KB70BT1FW

## Expert Smart



**2600 W**  
CF25YR1FG  
CF25YR1FW



**3400 W**  
CF35YR1FG  
CF35YR1FW



**5000 W**  
CF50XS1FG  
CF50XS1FW



**6500 W**  
CF70BT1FG  
CF70BT1FW

## Easy Smart



**2600 W**  
CA25YR03G  
CA25YR03W



**3400 W**  
CA35YR03G  
CA35YR03W



**5000 W**  
CA50XS1AG  
CA50XS1AW



**6500 W**  
CA70BT1AG  
CA70BT1AW

# Technology



## Simple and reliable Wi-Fi operation

### Wi-Fi control

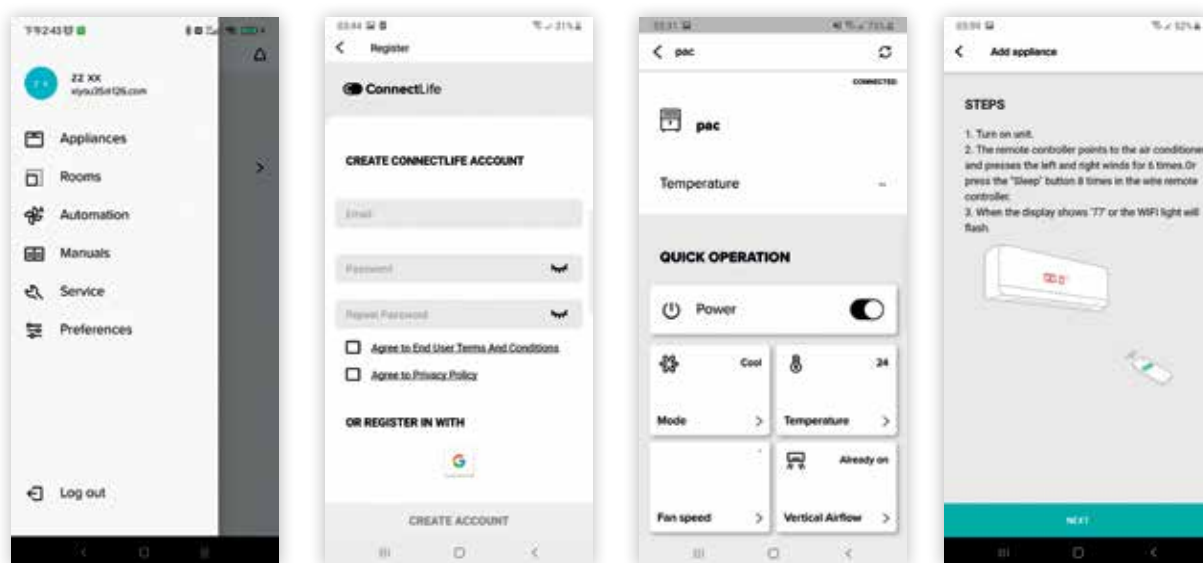
Control your air conditioner anytime and anywhere conveniently – inside and outside your home using just your Android or iOS device. Simply ensure a comfortable living environment at home at all times.



## Intelligent control from anywhere and anytime

### ConnectLife APP

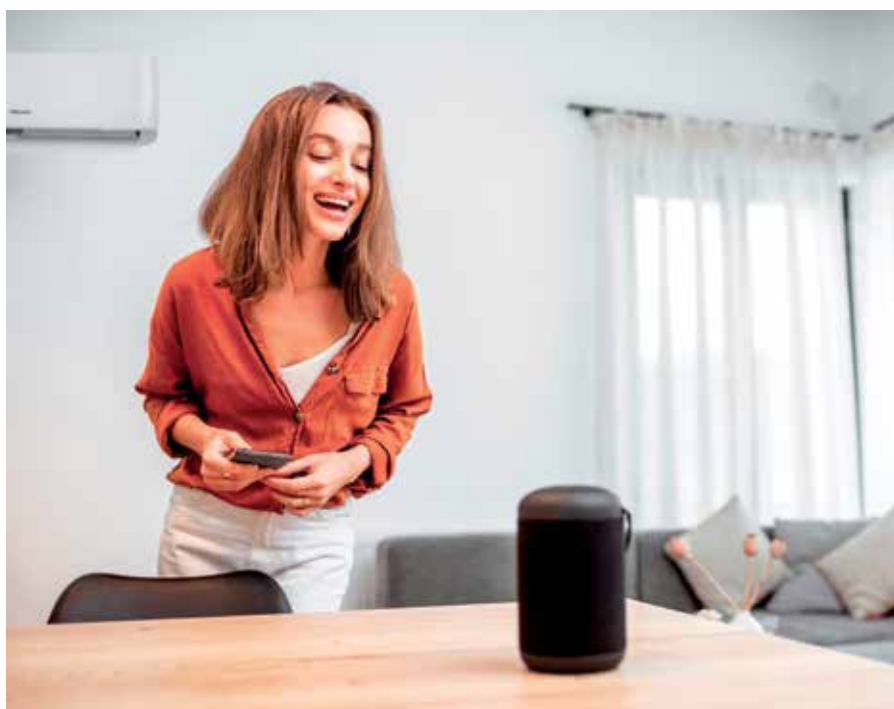
Monitor and manage your air conditioner conveniently and easily anytime from anywhere. You can get the status information of your air conditioner, check the temperature and humidity in the room, update cycles for your smart air conditioning or activate intelligent functions and more. The application is available in Google Play and App Store.



## Master your life

### Smart voice control

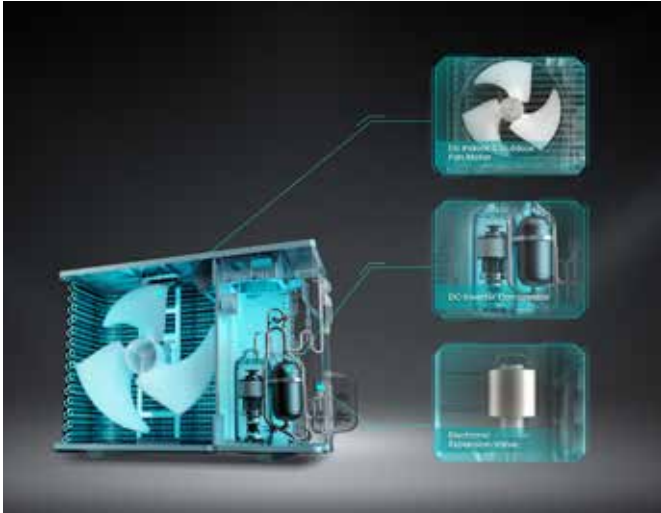
The new ConnectLife APP is compatible with Google virtual assistant or Amazon Alexa to lead the smart life. Thanks to voice interaction, it is possible to switch on, off and regulate the temperature, as well as setting the operating mode (cooling or heating).



## High-end technology for best performance

### 360° Full DC inverter

360° Full DC inverter technology is a collection of high-end technology, which realizes intelligent operation of air conditioner and minimizes energy loss. The compressor runs more efficiently and smoothly, the temperature control is more precise, and the unit is quiet.



## Improving the efficiency in winter

### Outdoor unit chassis heater

Special outdoor chassis heater improves the defrosting efficiency of the chassis in winters and therefore helps to maintain your air conditioner's optimum heating performance throughout the entire season and to extend the unit's life span.



## Less Energy, higher Comfort

### Economy mode operation

Without complicated settings, the AC immediately enters into energy saving mode to minimize power consumption while providing comfort



## Automatic protection

### Self-diagnosis

In case of failure, the error code is clearly displayed and easy to repair. In case of system overload, the emergency power off is initiated automatically to ensure safety.



## Two ways to suit your needs

### Dual drainage

Drainage, electrical and gas connection from either the left or the right side allows easier installation. It is easy to install, and you can choose from left or right to best suit your needs.



## Saving the energy

### 1 W standby

In standby mode, the air conditioning device automatically starts the energy saving mode. Instead of 5 W, only 1 W per hour is used, which means 80 % energy savings.



## Manage your energy consumption

### Power statistic display

Data about Power consumption of the air conditioner is displayed on the application thus you can check it at anytime and manage your energy consumption to reduce costs.



## Turbo mode

### Super Cool

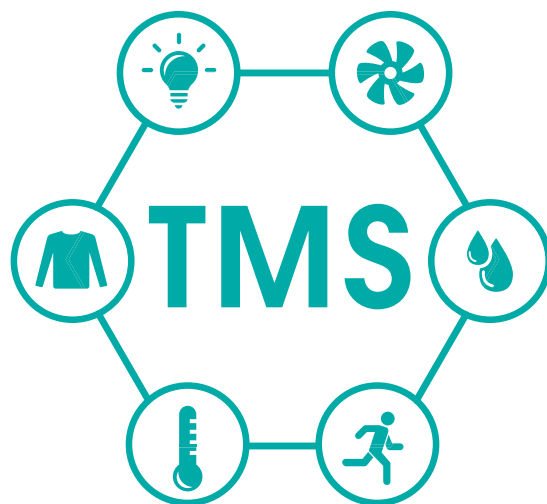
The turbo frequency increase technology enables rapid cooling or heating and allows you to enjoy larger airflow, so to feel comfortable in a shorter time.



## Intelligent control of temperature, humidity & wind speed

### TMS Comfort Control System

Hisense TMS technology is adopted to calculate the indoor environmental parameters which fit to users, based on six dimensions of temperature, humidity, wind speed, thermal radiation, clothing quantity and activity. It intelligently controls room temperature, humidity and wind speed.



## Convenience assured

### Easy installation

Gas and liquid pipes can be connected when AC hang on the wall with unique easy installation structure, which is convenient and efficient. Easy installation improves installation efficiency up to 35%.



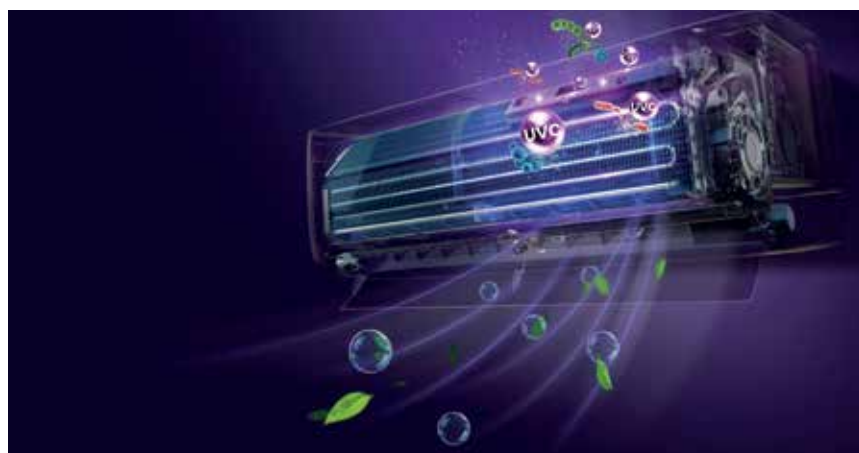
## 7 protection levels for the longevity

### Multi anti-corrosion protection

The exterior housing is protected by hot-dip galvanized steel plate and ceramic baking paint. By double zinc layer, double zinc-iron soluble layer, steel matrix, powder curing layer, ceramic paint layer they form a strong seven-fold protection and greatly extend the service life of outdoor machines.



# Wellbeing



## In charge of Healthy air

### HI-UVC sterilization

The UVC function is responsible for healthy air. The technology have advantage of long life, energy saving, no preheating and environment friendly. It has excellent killing effect on bacteria and viruses thus test reports from SGS laboratory prove that UVC function sterilize more than 99% of S.Aureus, E.Coli and H1N1 in 30 minutes.

\*All the test results comes from the test of Hisense HI-UVC function by SGS in a 1 m<sup>3</sup> test chamber.

## Keeping efficiency high and air clean

### Dual self-cleaning

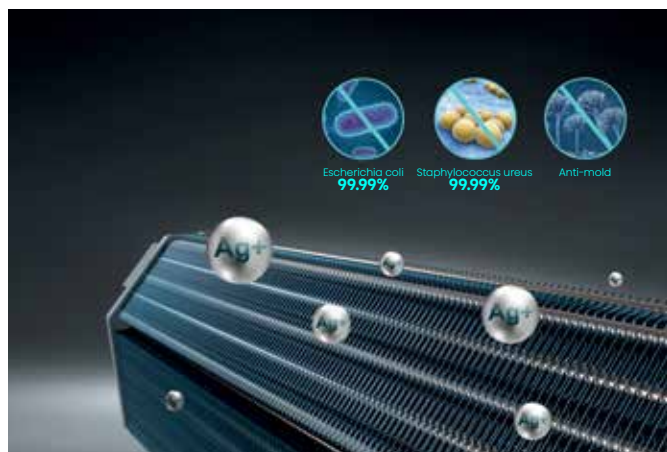
Hisense's patented second generation cleaning technology takes care of indoor and outdoor unit's maximum performance. Purification process via frosting and defrosting cycle and high-temperature drying remove dust, bacteria and oil from the units effectively and easily to keep the air conditioner clean and safe.



## Eliminates the bacteria and brings you fresher air

### Hydrophilic and anti-virus aluminum fin

Special painting formula on the evaporator, highly enhance the function of antibacterial and dust clearance.



## Clear air delivery system

### Cold plasma generator

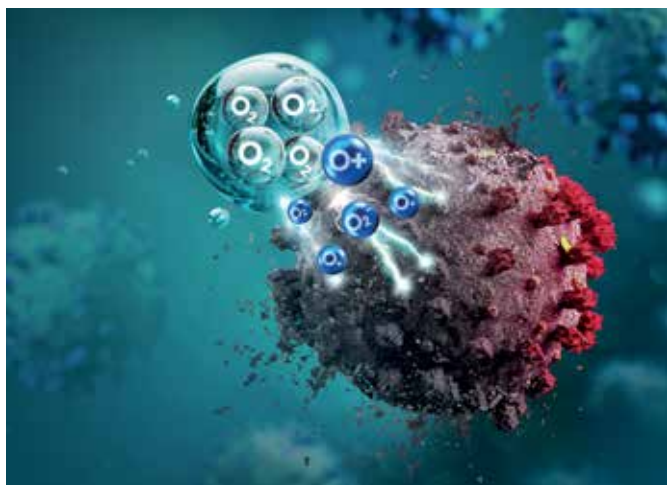
Cold plasma technology is a unique technology that deters odors and is a great clear air delivery system. Plasma dramatically reduces the harmful contaminants in the air and takes care of your well-being.



## Protects your home and your health

### HI-NANO

HI-NANO can effectively remove viruses and bacteria including Coronavirus (COVID-19) by releasing high concentration ions, creating a healthy environment and protecting health. HI-NANO has been proven to remove 92.6%\* H1N1 and sterilize 88.54%\* of E.coli in 2 hours. The Healthy high-concentration ions also can effectively remove airborne dust as HI-NANO has been proven to remove 60.07%\* of PM2.5 in 2 hours, purifying the air around you. The HI-NANO technology has been proven safe and has been authorized to apply the UL mark.



## Fresh air every day

### Fresh Air Technology

Due to the patented Fresh Air technology, the Hisense Fresh Master refreshes the whole room in just 3 minutes by introducing fresh and purified air from outdoors at a rate of 50m<sup>3</sup>/h. It detects CO<sub>2</sub> concentrations automatically, and signals the air quality on an LED display.



## Energy saving, low carbon and environment friendly

### Green and Safe refrigerant

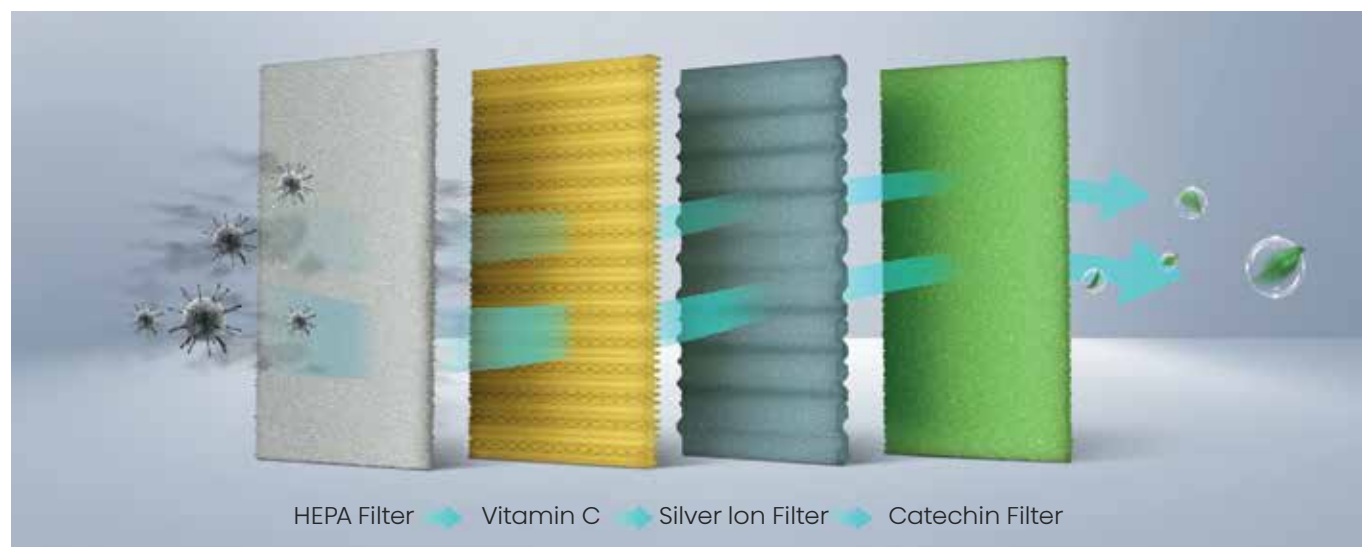
The R32 is environment-friendly refrigerant with a higher cooling capacity at the same volume, thus less refrigerant is needed in every device. Advantages of R32 refrigerant are: zero impact on ozone in the air, 66% lower GWP (impact on global warming) than gas R410A, higher energy efficiency, high thermal conductivity and cooling capacity.



## High quality air assured

### Multi-layer air purifying technology

Air travels through multiple filters and each has the function to provide you with better and healthier air. The most common filters in our ACs are Vitamin C filter, Catechin filter, Silver Ion filter and HEPA filter.



#### HEPA filter

A highly efficient HEPA filter, which captures 80 % more of dust particles than classical filters, ensuring even fresher and purer ambient air.

#### Vitamin C

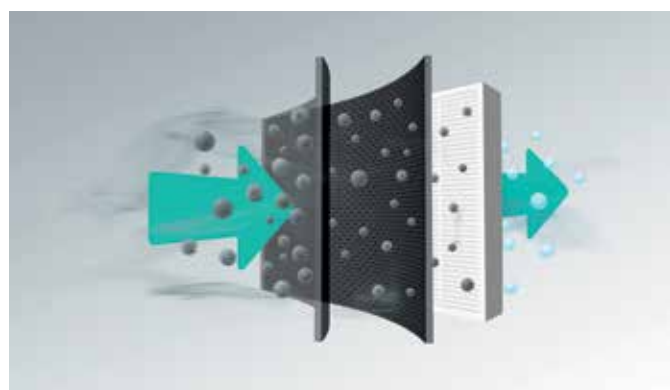
Vitamin C filters are an added protection that provides extremely clean air. Such pure air is healthy for the skin, as it does not cause itching, softens the skin and reduces stress while providing therapeutic benefits.

#### Silver ion filter

Silver ion filter is a highly efficient sterilizing filter that effectively stops bacteria from growing.

#### Catechin filter

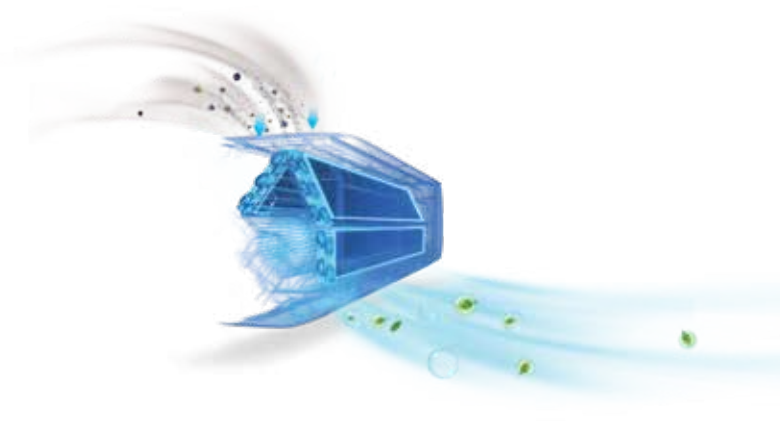
Catechin is an extract from green tea, which, thanks to its oxidation and sterilization effects, is added to the filters. Active enzymes create a benzene core that absorbs unpleasant odor and harmful substances in the atmosphere. The catechin filter intercepts and sterilizes dust particles effectively and in the long term. Its antibacterial effect destroys more than 95% of bacteria.



## Absorbs particles and unpleasant odour

### Active carbon filter

The Active Carbon filter includes a charcoal which in addition to particles, captures also chemicals, fumes, and cigarette smoke. Thus, it is the perfect solution to absorb and remove the air unpleasantness, so you can enjoy the fresh and clean air.



## Prevents mildew accumulation

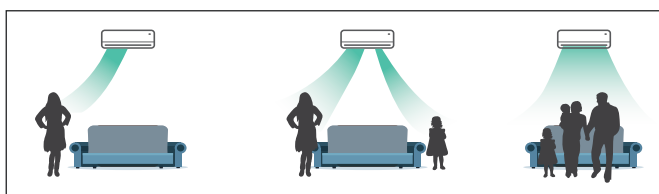
### Mildew proof

After turning off the air conditioner, the indoor fan will keep running for additional 30 seconds to dry the evaporator. With preventing mildew accumulation on the evaporator, you will keep the air healthy.

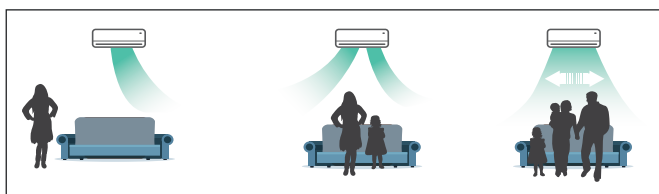
# Comfort & practicality



Follow



Avoid



## Optimum air distribution

### Follow/Avoid mode

The left and right independent air deflector design allow the user to control the wind by remote. The wind will follow or avoid people, so one will feel perfectly comfortable all the time.

## Smart sensing for perfect air deliverance

### Smart eye

The smart eye senses the position and heating flow information of human body and accordingly, adjusts the wind direction of the air conditioner. The wind will thus be smartly delivered to the user's area, so that one feels perfectly cool.



## Managing air purity easily

### Air Quality display

A special sensor is detecting the CO<sub>2</sub> concentration in the room, signaling you the quality of the air you breathe. The red icon indicates poor air quality, yellow indicates average quality, and green icon indicates good air quality. In case of red air quality, just turn on the Fresh air function and regain fresh air.



## Automatic louver swinging

### 4D auto swing

By automatic movement of horizontal louvers in a specific order, the device ensures optimum distribution and flow of cool or warm air through the room in all four directions. The remote controller can also set fixed louver angle thus variety of air supply options to meet different needs.



## Saving time with easiness

### Easy maintenance

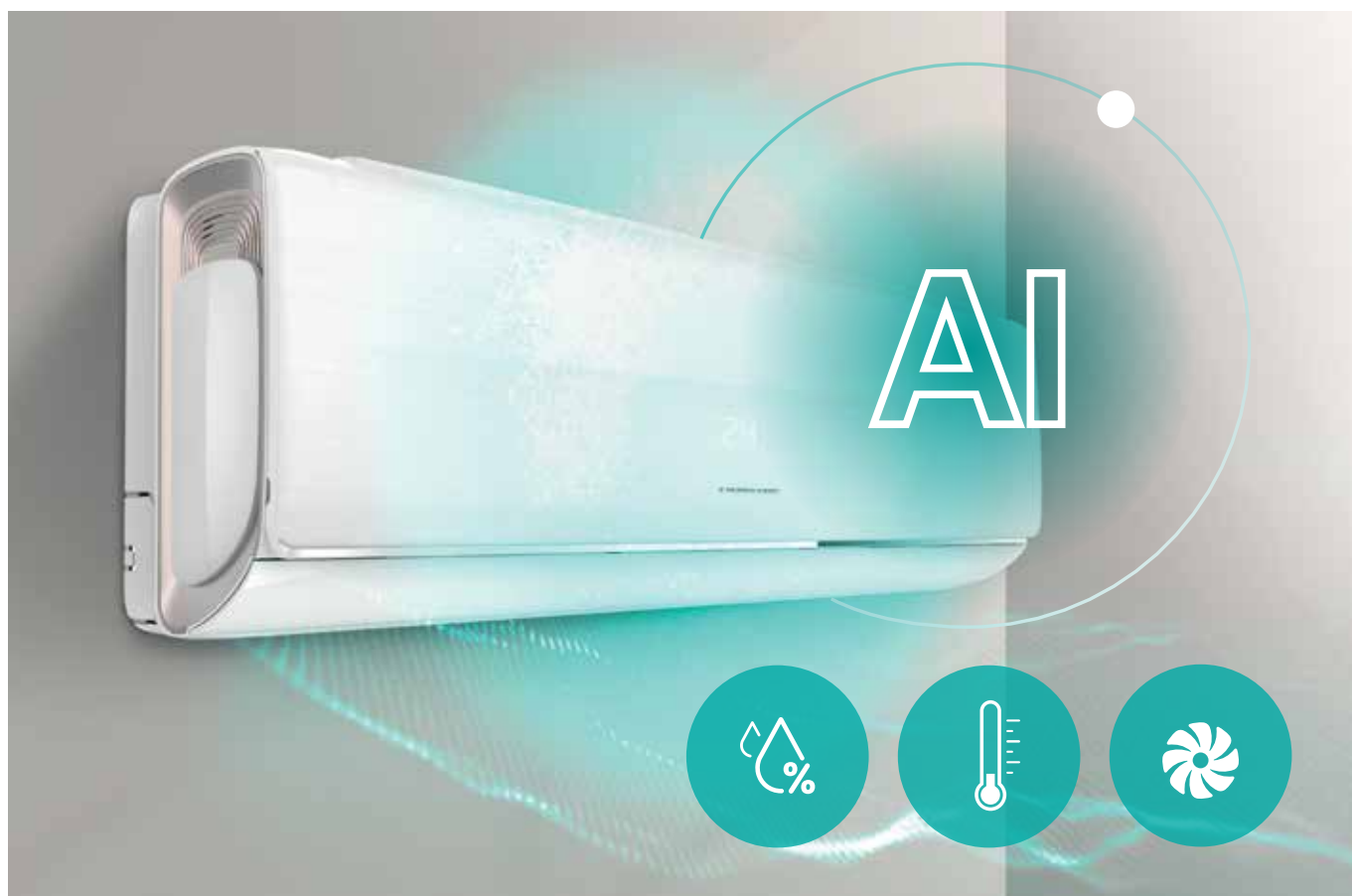
With the new indoor machine structure, you have no need to move evaporator when disassembling indoor electromechanical machine. Maintenance and efficiency are thus much improved.



## Intelligence that works with you

### AI Smart

With just one button, you can wake up the intelligent air steward and control temperature, humidity, wind direction and air volume in an all-round way. There is no need to worry about how to use the air conditioner, AI will do it for you.



## Save energy & keep your home from freezing

### 8°C heating

In chilly winter, the special heating mode keeps your home from freezing, by maintain it at 8°. When you are away from home for long periods, you will save energy, protect the furniture and water pipes, or offer the comfortable situation for the pets.



## Super heating capacity

### Heating at - 25°C

Being able to provide heat in - 25°C ambient is supported by our preheating technology and electric heating chassis technology. You will enjoy the sunny warm with perfect heating capacity in chilly winter.



## Best temperatures for everybody's vital sleep

### Four sleep modes

Sleep is vital for our body and resting comfortably brings benefits for our health. Selectable sleep modes are providing different sleep temperature, caring for all family members: adult, elderly, youth, children. The temperature curve will adjust automatically and intelligently, so you can fall asleep comfortably.



## Night mode operation

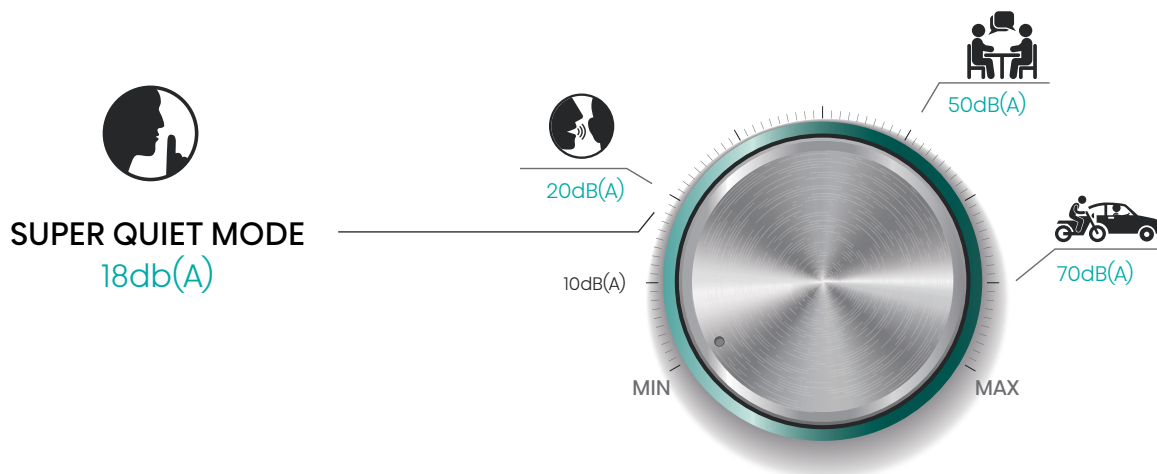
### Sleep mode

This function enables automatic increasing of set temperature by 2°C after one hour of operation. The temperature then remains constant and you can benefit from a comfortable sleep environment.

## Reducing noise to your convenience

### Silent operation

The noise lowers to 18dB (A), helping to give you a quiet and comfortable environment, making you feel like a walk on the moon.



## Preset daily mode operation

### Timer 24 h

You can set a specific time during the day to have the AC automatically turned on or off. No worries, just a simple pleasure of all-ways being in right temperature.



## One click for perfect room temperature

### Smart mode

Just press the "Smart" button and the air conditioner will automatically adjust to the most comfortable temperature according to the room temperature.



## Adjusting the temperature with remote

### I FEEL

The remote control measures the room temperature and relays the information to the unit. Not only the indoor temperature, but also the temperature around the user is transmitted to the indoor unit through the sensor on the wireless remote control. The indoor unit is operated and adjusted according to the perceived temperature to achieve intelligent temperature control in the room.



## Technical specifications

# New Comfort

R32

SCOP  
4

R2-01  
Remote controller



YXE-C01U1(E)  
Wired controller  
(optional)



Wi-Fi Control



Outdoor unit chassis heater



4D auto swing



4-in-1 filter &  
active carbon  
filter



Indoor Self Clean



Anti-mold



Smart Mode



WiFi Control



4D Auto-swing



Comfortable  
Sleep



19 dB



Dimmer



Timer 24 h



Super Cool



8 °C Heating



Heating  
at -20 °C



Fire-proof  
PCB box



Universal Unit



Wired Controller  
optional



Room card  
control optional



Easy Installation



Easy  
Maintenance



Left/Right  
Draining



Outdoor Unit  
Chasis Heater



Self-diagnosis



Economy mode  
operation



LED Hidden  
Display

Note: Outdoor unit chassis heater (Heating belt) is optional.

| Model                                     |              | DJ25LE0E           | DJ35LE0E           | DJ50XA0E           | DJ70BB0E           |
|-------------------------------------------|--------------|--------------------|--------------------|--------------------|--------------------|
| Model name                                | Indoor Unit  | DJ25LE0EG          | DJ35LE0EG          | DJ50XA0EG          | DJ70BB0EG          |
|                                           | Outdoor Unit | DJ25LE0EW          | DJ35LE0EW          | DJ50XA0EW          | DJ70BB0EW          |
| Model code                                | Indoor Unit  | 20011603           | 20011605           | 20011617           | 20011619           |
|                                           | Outdoor Unit | 20011604           | 20011606           | 20011618           | 20011620           |
| Cooling Capacity                          | W            | 2600 (800-3500)    | 3500 (1200-4100)   | 5000 (1000-6000)   | 7000 (2100-7500)   |
| Rated Input-Cooling                       | W            | 735 (180-1500)     | 1000 (190-1500)    | 1540 (260-2300)    | 2230 (350-2800)    |
| Rated Current Cooling                     | A            | 3.3                | 4.4                | 6.9                | 9.9                |
| Heating Capacity                          | W            | 2800 (800-3500)    | 4000 (1600-4300)   | 5600 (1600-6250)   | 7100 (2100-7800)   |
| Rated Input-Heating                       | W            | 680 (180-1500)     | 1025 (190-1500)    | 1515 (350-2300)    | 2150 (340-2930)    |
| Rated Current Heating                     | A            | 3.1                | 4.5                | 6.8                | 9.6                |
| Voltage, Frequency, Phase                 | V - Hz - Ph  | 220 - 240V~50Hz~1P | 220 - 240V~50Hz~1P | 220 - 240V~50Hz~1P | 220 - 240V~50Hz~1P |
| SEER                                      | Cooling      | 6.1                | 6.1                | 6.1                | 6.3                |
| SCOP                                      | Heating      | 4                  | 4                  | 4                  | 4                  |
| Energy Class                              | Cooling      | A++                | A++                | A++                | A++                |
| Energy Class                              | Heating      | A+                 | A+                 | A+                 | A+                 |
| Moisture Removal                          | L/hour       | 0.9                | 1.2                | 2                  | 2.5                |
| <b>Air flow</b>                           |              |                    |                    |                    |                    |
| Air Circulation                           | m³/h         | 550                | 600                | 1000               | 1100               |
| <b>Noise power/pressure</b>               |              |                    |                    |                    |                    |
| Indoor Unit Noise Level - Sound Pressure  | dB (A)       | 56                 | 56                 | 60                 | 63                 |
| Indoor Unit Noise Level - Sound Power     | dB (A)       | 38/36/33/31/29/26  | 38/36/34/31/29/27  | 45/43/41/38/36/33  | 46/44/42/40/37/33  |
| Outdoor Unit Noise Level - Sound Pressure | dB (A)       | 63                 | 63                 | 63                 | 66                 |
| Outdoor Unit Noise Level - Sound Power    | dB (A)       | 54                 | 54                 | 54                 | 56                 |
| <b>Refrigerant</b>                        |              |                    |                    |                    |                    |
| Refrigerant                               | /            | R32                | R32                | R32                | R32                |
| Refrigerant charge volume                 | g            | 640                | 640                | 1170               | 1320               |
| <b>Connecting Pipe Diameter</b>           |              |                    |                    |                    |                    |
| Liquid Pipe                               | inch (mm)    | 1/4 (6.35)         | 1/4 (6.35)         | 1/4 (6.35)         | 3/8 (9.52)         |
| Gas Pipe                                  | inch (mm)    | 3/8 (9.52)         | 3/8 (9.52)         | 1/2 (12.7)         | 5/8 (15.87)        |
| Max length of pipe                        | m            | 20                 | 20                 | 20                 | 20                 |
| Max height difference                     | m            | 10                 | 10                 | 15                 | 15                 |
| <b>Dimensions</b>                         |              |                    |                    |                    |                    |
| Net Dimensions - Indoor Unit              | mm (WxHxD)   | 815×270×212        | 815×270×212        | 915×315×235        | 1085×315×235       |
| Net Dimensions - Outdoor Unit             | mm (WxHxD)   | 660×483×240        | 660×483×240        | 810×585×280        | 860×667×310        |
| Net Weight - Indoor Unit                  | kg           | 8.5                | 8.5                | 12                 | 13                 |
| Net Weight - Outdoor Unit                 | kg           | 22                 | 22.5               | 33                 | 41                 |
| Packing Dimensions - Indoor Unit          | mm (WxHxD)   | 870×335×265        | 870×335×265        | 1000×390×315       | 1170×390×315       |
| Packing Dimensions - Outdoor Unit         | mm (WxHxD)   | 770×530×315        | 770×530×315        | 940×630×385        | 995×720×420        |
| Gross Weight - Indoor Unit                | kg           | 10.5               | 11                 | 14                 | 15.5               |
| Gross Weight - Outdoor Unit               | kg           | 25.5               | 26                 | 37                 | 46                 |
| Loading Capacity (20'/40'/40'HC)          | sets         | 147/296/356        | 147/296/356        | 86/174/197         | 63/131/150         |
| <b>Operating temperature</b>              |              |                    |                    |                    |                    |
| Operating Temp Range                      | Cooling (°C) | -15 °C - 50 °C     | -15 °C - 50 °C     | -15 °C - 50 °C     | -15 °C - 50 °C     |
|                                           | Heating (°C) | -20 °C - 24 °C     | -20 °C - 24 °C     | -20 °C - 24 °C     | -20 °C - 24 °C     |
| <b>Useful area</b>                        |              |                    |                    |                    |                    |
| Max. useful area*                         | m²           | 14                 | 24                 | 28                 | 38                 |

\* Usable area depends on the building insulation and potential heat sources in the building.