



Hisense AC Inverter Expert

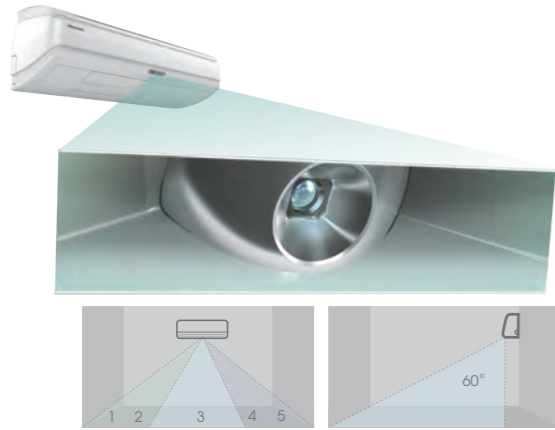
Hisense was the first to enter the inverter air conditioning field in China, and has since committed 20 years to the development and promotion of this technology. Being a pioneer of China's inverter AC industry, Hisense has accumulated unrivaled technology, experience and consumer trust over the years in this field. Hisense has always been at the forefront of the Inverter AC industry.

inverter expert

AI Smart

Smart Eye

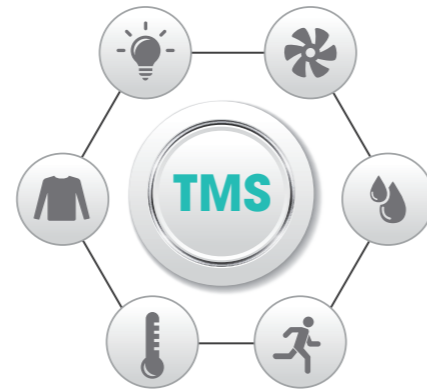
Hisense smart eye can identify people's position and activity. For example, when the smart eye through infrared scanning to know that the user heating increases, the wind direction will be automatically adjusted for delivering wind to the user's area, so that the users feel cool.



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. You don't need to worry about how to use the air conditioner.

TMS Comfort Control System

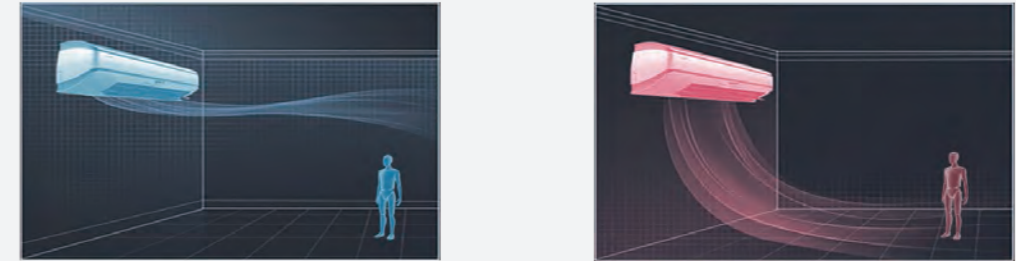
Hisense TMS technology is adopted to calculate the indoor environmental parameters which fit to users. Based on six dimensions of temperature, humidity, wind speed, thermal radiation, clothing quantity and activity, Hisense air conditioner intelligently controls temperature, humidity and wind speed.



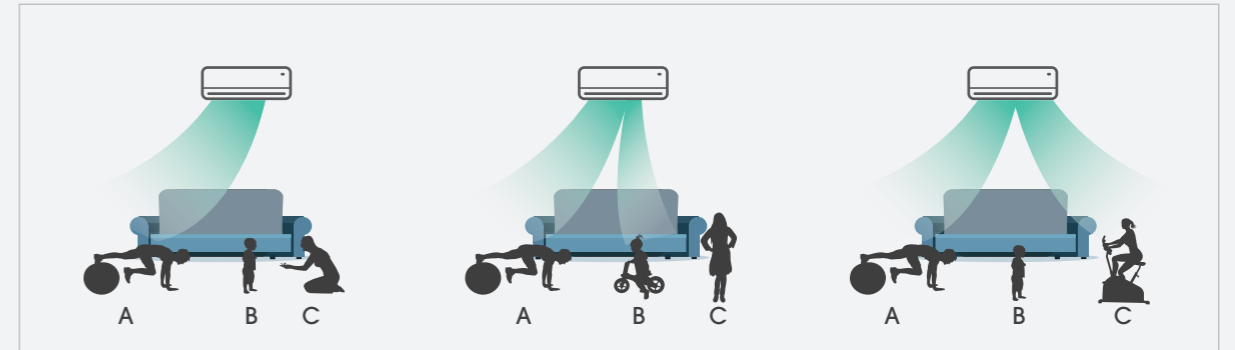
Smart Airflow

Ceiling & Floor Airflow

In summer, the cool wind comes down from the ceiling to cool the air and surround the human body with natural coolness. In winter, the warm wind rises from the floor and warms the whole body from the feet.

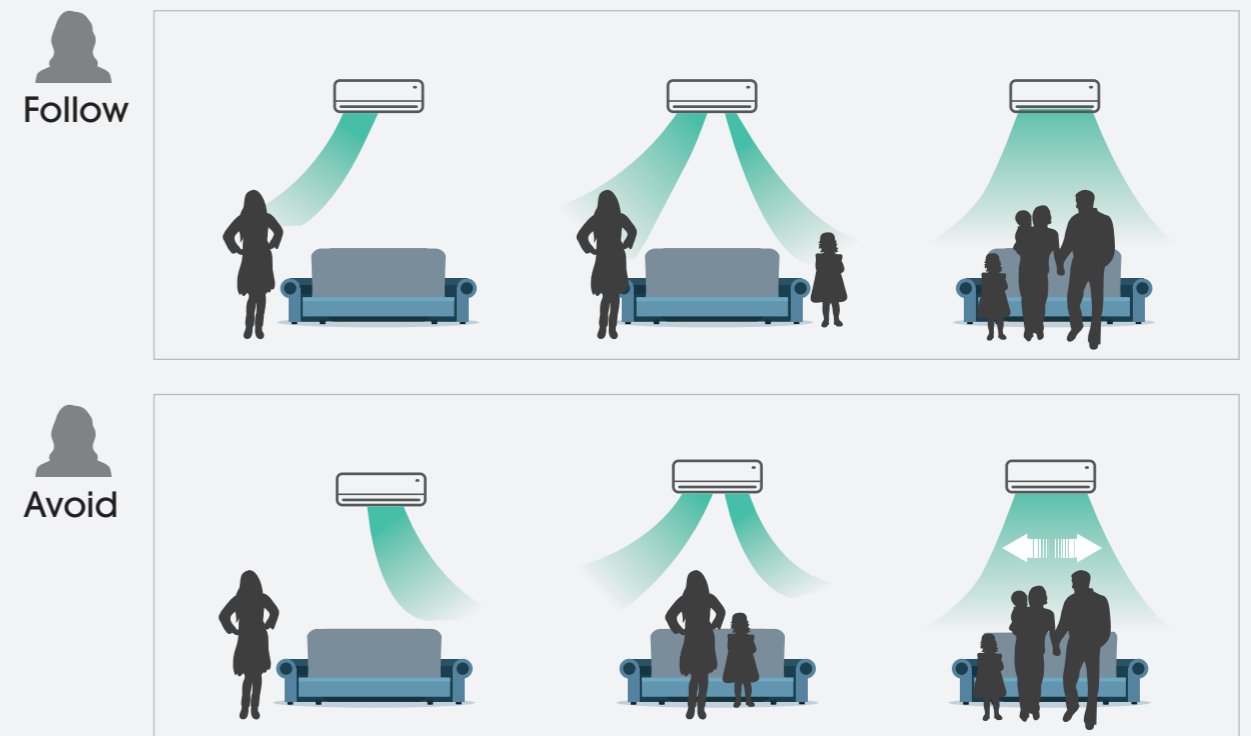


Activity Detection & Auto Airflow



Multi Dimension Airflow

The left and right independent air deflector design allows the user to control the wind to follow people or avoid people by remote.

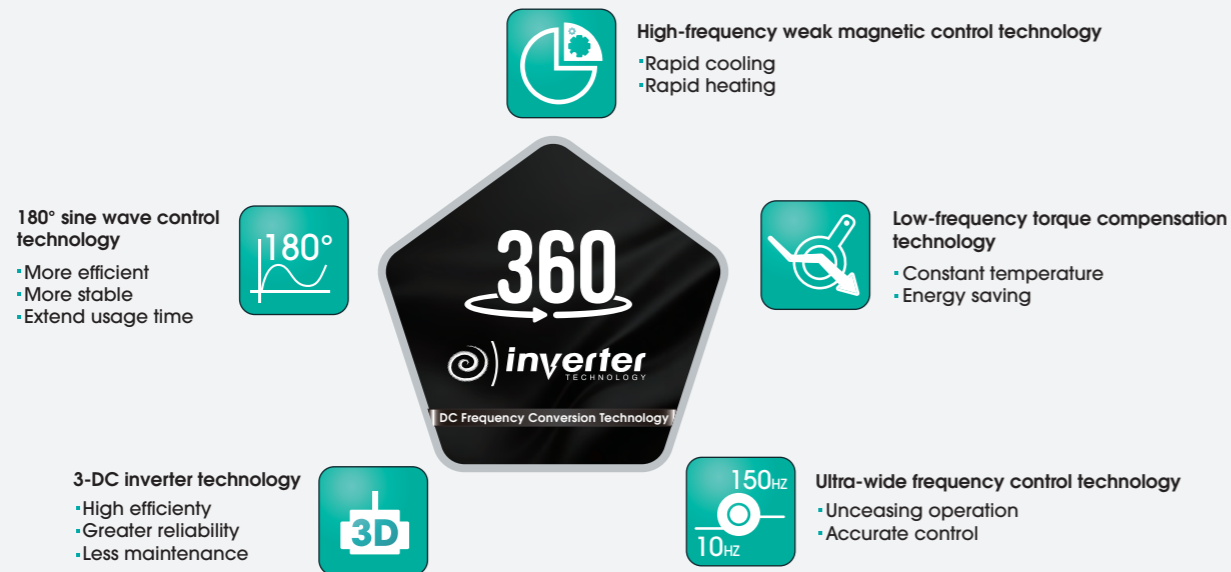


Hisense Inverter



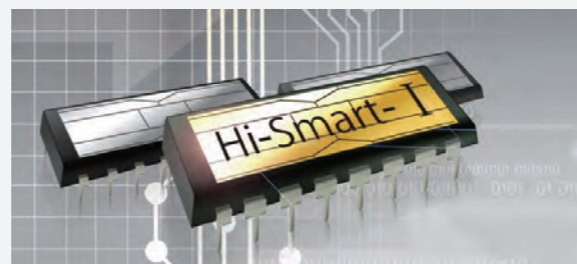
360°DC Inverter Technology

360° 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, and the temperature control is more precise, and lower noise.



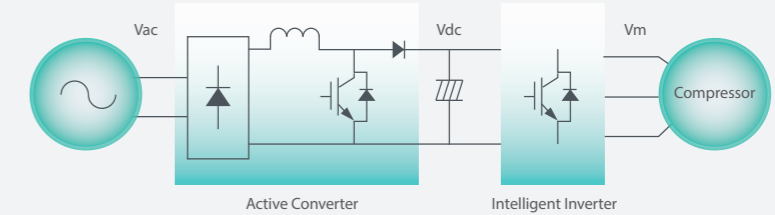
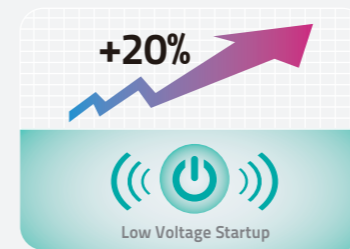
Advanced Self-adaptive BLDC Compressor Driver Technology

Advanced self-adaptive BLDC compressor driver technology makes the air conditioners run more quietly and more efficiently, and bring more comfortable experiences to the consumers.



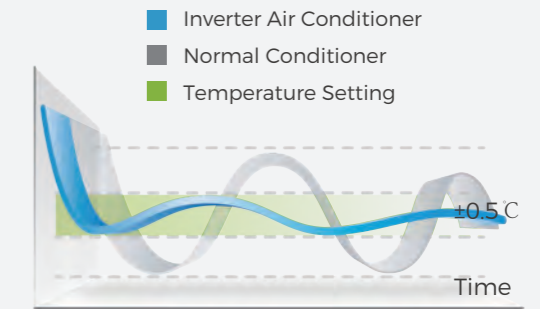
Smart PFC Control Technology

Hisense PFC control technology can apply voltage compensation at low voltage conditions and discharge at high voltage, which realizes the air conditioner start at low voltage and operate efficiently under higher voltage, and the operate voltage range increase $\pm 20\%$.



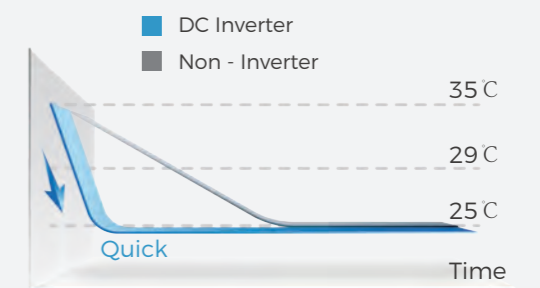
PID+Fuzzy Control Technology

With PID+Fuzzy Control technology, AC intelligently regulates operating frequency according to the temperature variation of environment. Control is more accurate ($\pm 0.5^\circ\text{C}$) to prevent the room temperature from fluctuating and ultimately keep you comfortable.



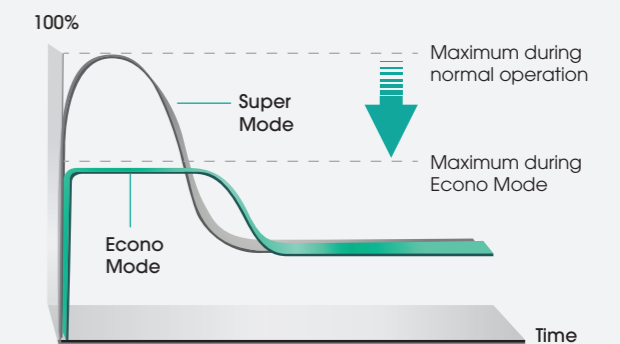
Fast Cooling

Unique weak magnetic control technology is used to operate at high frequency under high temperature ambience, which achieves greater cooling capacity and increases the cooling rate by 25%.



Dual Mode Inverter Control Technology

Super mode: air conditioner runs with high frequency and fast refrigeration.
Eco Mode: energy-saving operation. When starting, the air conditioner will operate at the constant speed of the golden frequency.



Health

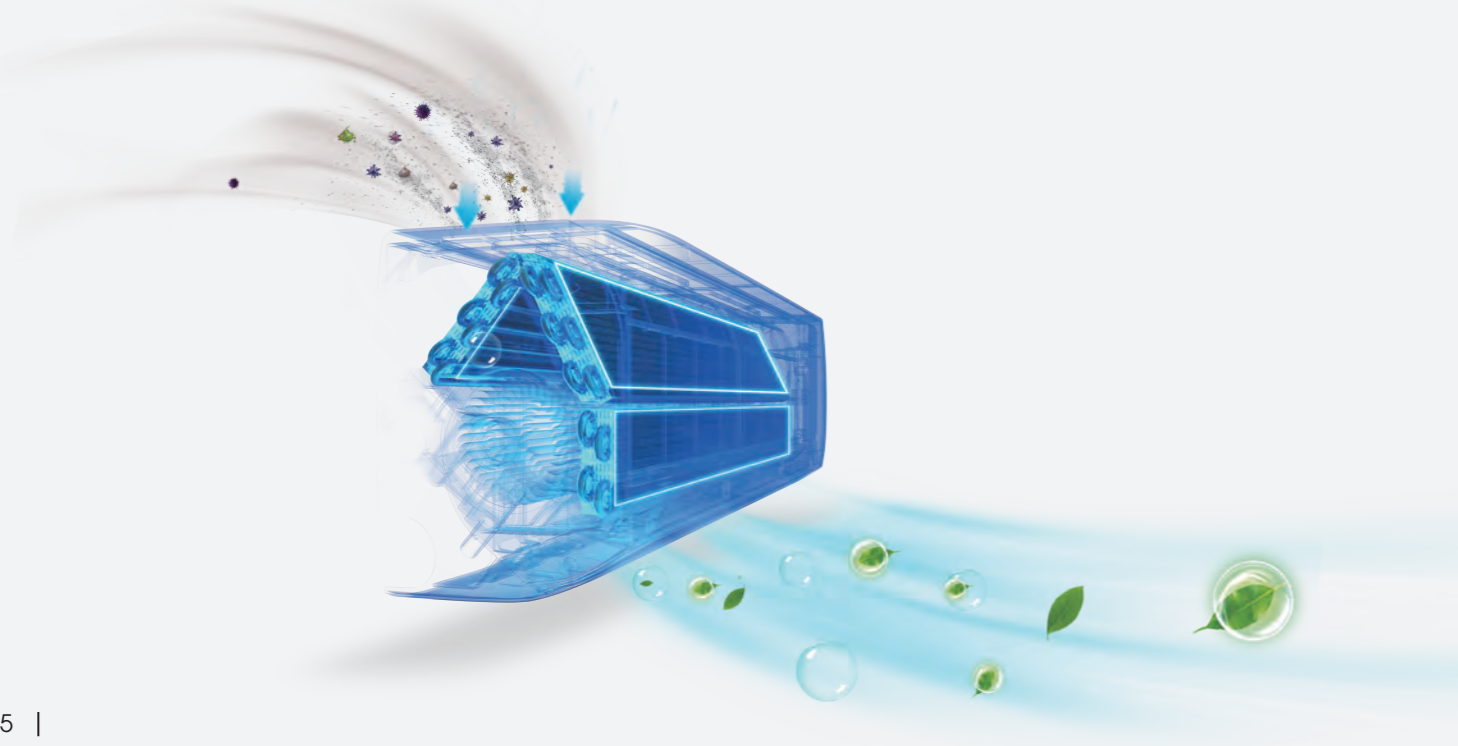
Self-Cleaning & Mildew-Proof

Hisense new generation hydrophilic painting film, the accumulated dust/microorganism/oil can be removed from the aluminum surface via a frosting and defrosting cycle. After turning off the air conditioner, the indoor fan will keep running for additional 30 seconds to dry the evaporator.

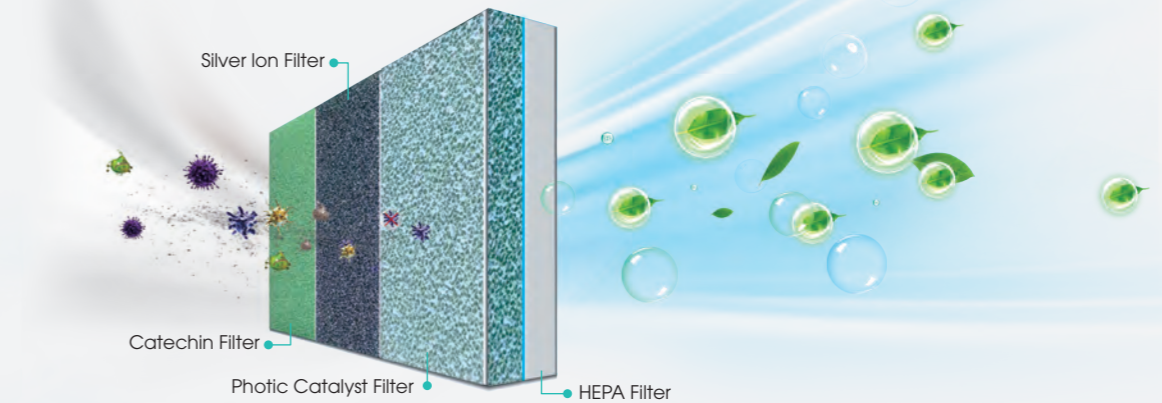


Hydrophilic and Anti-virus Aluminum Fin

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



All-around Healthy Protection:4-in-1 Filter

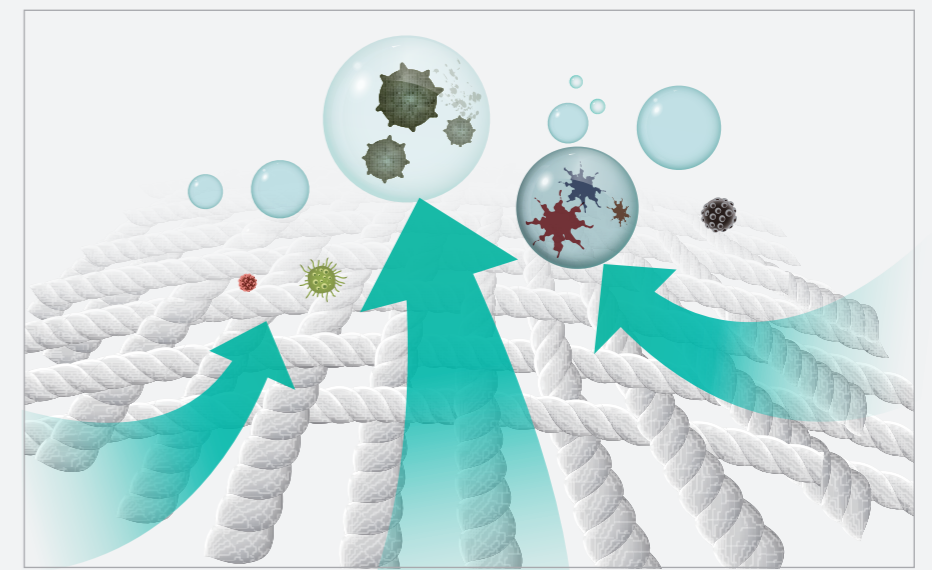


- Catechin Filter**
 Catechin filters remove odors and remove dust and particles from the air and room.
- Photic Catalyst Filter**
 Eliminates pyococcus,germs,odors.And it is easily replenished by placing it in sunlight for 6-8 hours.
- HEPA Filter**
 The HEPA filter effectively eliminates pollen,mill dust and pneumo-bacillus,bringing fresh and healthy air to you.
- Silver Ion Filter**
 Sterilize bacteria effectively by destroying their inner configuration.
- Vitamin-C Filter**
 Emits Vitamin C through the air to everyone.makes your skin more beautiful.
- Aroma Fliter**
 This air-conditioner can make your room smell heavenly when you add your preferred perfume to the Aroma Filter.

Nano

- Sterilization: effectively removing pathogenic and allergenic sources such as bacteria, molds, viruses and pollen.
- Deodorization: effectively removing the smell of cigarette, pet and food.

- Pollen
- Syphilis
- Bacteria
- Viruses
- Cigarette smell
- Cooking taste
- Pet flavor



Intelligence

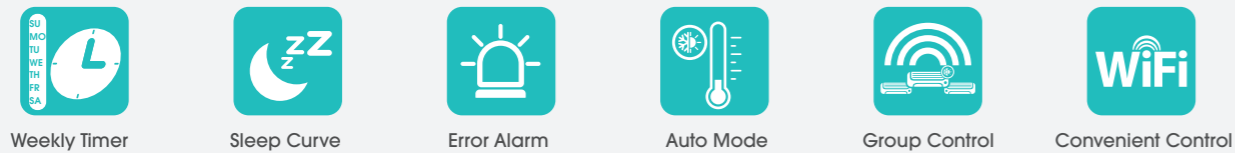
WI-FI Control

Conveniently control your air conditioner anywhere in your home with just your mobile phone and a WI-FI connection.



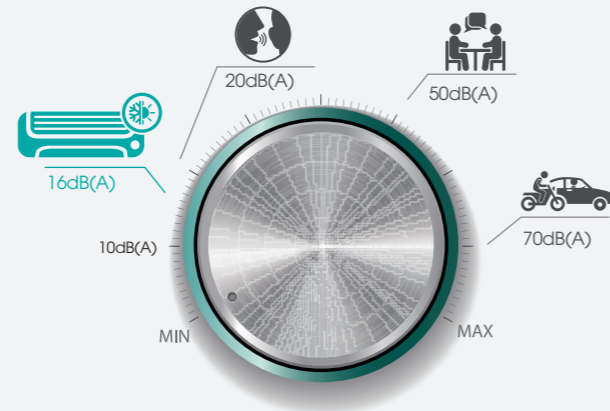
Convenient APP

An easy to use app and friendly user interface to maintain the temperature of your home allows you to have peace of mind while away. Our AC apps are available for iOS and Android phones.



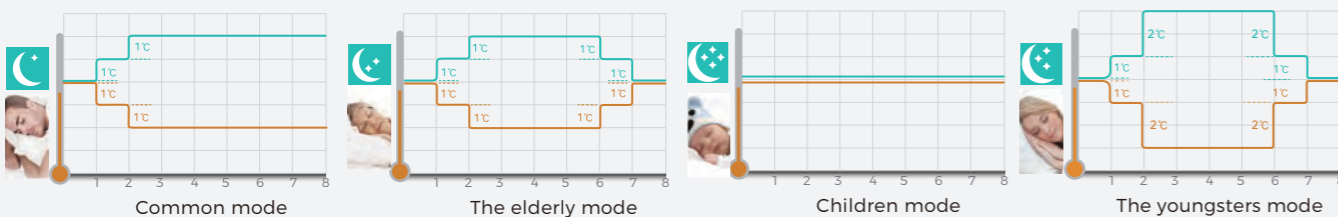
Super Quiet Mode

With a specially designed air tunnel and advanced control technology, the new inverter AC keeps noise to a minimum at an ultra low level 16dB while set in Super Quiet Mode. The newly designed cross flow fan and optimized air channel also help to lower noise to keep you undisturbed.



Customized Comfort Sleep Housekeeper

Press the SLEEP button, and the operation mode changes in the order of adult SLEEP, elderly SLEEP, youth SLEEP, children SLEEP and turn-off SLEEP mode. The temperature curve will be adjusted according to customized SLEEP mode.



Reliability

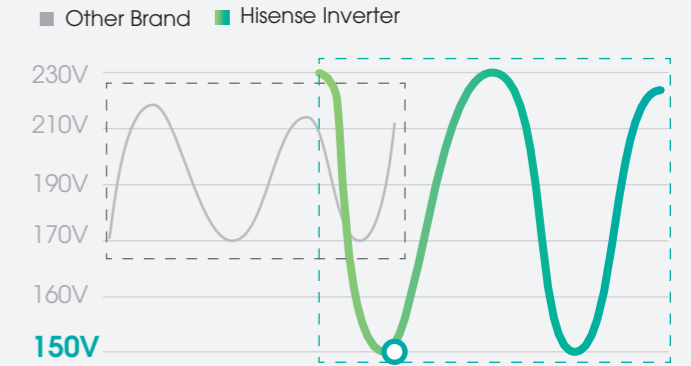
Self Diagnosis & Automatic Protection

Real-time monitoring and real-time self-diagnosis of faults, clearly displayed fault codes allow faster troubleshooting and easier maintenance, emergency power failure in case of system overload, ensuring safety.



150V Low Voltage Operation

PFC control technology can make voltage compensation under low-voltage conditions, so as to realize low-voltage startup and efficient operation when voltage is unstable.



-15°C (5°F) Cooling

Special cooling at -15°C is widely used to maintain the room temperature.



-25°C (-13°F) Heating

Being able to provide heat in -20°C ambient is supported by our preheating technology and electric heating chassis technology.



8°C (46°F) Special Heating

In frigid living conditions, our Special Heating mode keeps your home from freezing by maintaining it at 8°C ambient temperature when you're away from home for long periods.



Multi Anti-corrosion Treatment

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 to form a strong seven-fold protection, greatly extend the service life of outdoor machines.



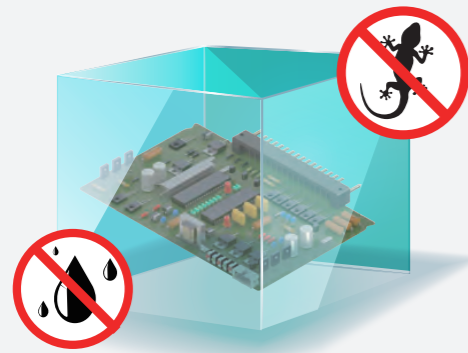
Leakage detection

The indoor unit automatically stops when it detects refrigerant leakage and displays the error code.



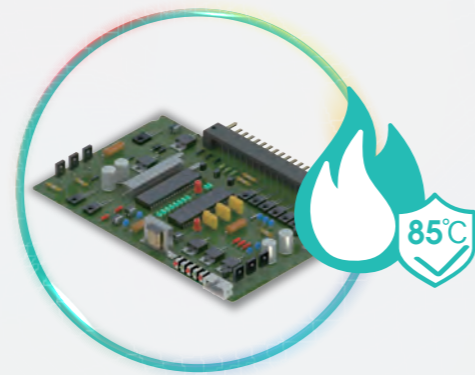
PCB with Insect Prevention

The sealing electrical box to prevent the insect, such as gecko or frog, from damaging the outdoor PCB



High Temperature Resistance PCB

The PCB board in the inverter air conditioner can still run normally under the high temperature of 85°C.



Super Cooling at 61°C

Advanced Hi-smart adaptive technology, high heat dissipation design and high stability PCB are adopted to make the air conditioner run efficiently under high temperature environment.



Convenient

Easy Installation

Make installation easier and increase installation efficiency.

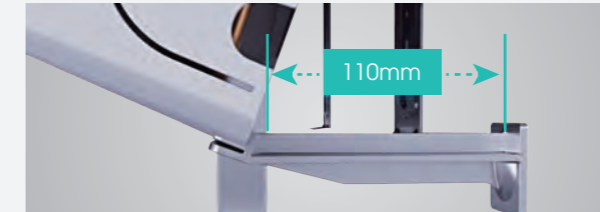
Mounting Plate Improvement



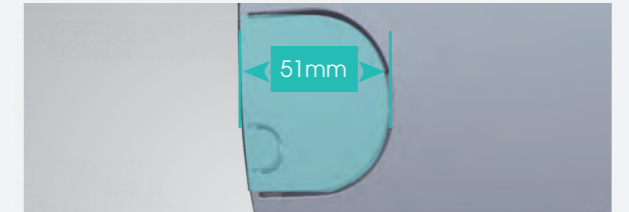
Detachable Bottom Cover



Easy Support Bar



Wider Tubing Space



Easy clean

Easy disassembly and washing of chassis and air duct system can be realized through the design of split chassis, air duct and outer cover. The safety micro switch is adopted to protect the whole process of disassembling and washing. In the process of disassembling and washing, only the outlet parts need to be turned on, and the micro switch will turn off the power for protection, making the motor completely in the state of power failure and ensuring the safety of disassembling and washing.

User Basic Cleaning



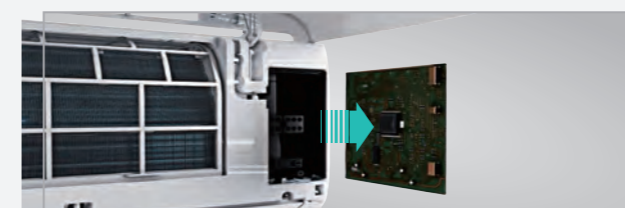
Professional Deep Cleaning



Easy maintenance

New indoor machine structure, no need to move evaporator when disassembling indoor electromechanical machine.

Quick & Easy Replace PCB



Quick & Easy Replace Cross Flow Fan Motor



Dual Drainage

On the left and right sides of the air conditioning reserved drain hole.



50Hz R410A DC INVERTER



FULL DC
Full Process by DC Drive



Super Cooling & Heating



High Efficient Layout



Anti-Cold Air Function



Long Airflow Distance(10m)



Anti Mildew Running

Model		AS-09UW4SVDDA09A	AS-12UW4SVEDA14	AS-18UW4SMADA01
Cooling	Btu/ h	9000	12000	18000
Heating	Btu/ h	9000	12000	18000
Voltage,Frequency,phase	V~, Hz, ph	220V/ 50Hz/ 1PH	220V/ 50Hz/ 1PH	220V/ 50Hz/ 1PH
Indoor unit	W × H × D mm	880*275*207	950*272*207	1050*320*235
Outdoor unit	W × H × D mm	715*482*240	715*482*240	780*540*260
Loading capacity	20'/ 40'/ 40HQs ets	1135/282/318	1132/277/310	81/175/197

Model		AS-22UW4SBBDA
Cooling	Btu/ h	23000
Heating	Btu/ h	23000
Voltage,Frequency,phase	V~, Hz, ph	220V/ 50Hz/ 1PH
Indoor unit	W × H × D mm	1219*320*235
Outdoor unit	W × H × D mm	860*650*310
Loading capacity	20'/ 40'/ 40HQ sets	61/ 125/ 144