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2027
AIR CONDITIONER

ITAN AIR CONDITIONING

I Take Air New



Assembly Of Indoor Units



Assembly Of Outdoor Units



Metal Parts



Evaporators And Condensers



Injection Molding



Spray-Painting

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COMPANY PROFILE



About Enterprise

ITAN Air conditioner (Herein after referred to as ITAN) was completed and put into operation in 2019. it is a large-scale integrated home appliance technology enterprise integrating R&D, production, sales and service. with a registered capital of \$14.2 milion, ITAN has more than 2,500 staffs.

Factory Overview

ITAN occupies a floor area of more than 200,000m², with the production plant occupying 93,000 square meters. ITAN factory invested \$83 milion, and its annual manufacturing capability is 3 million sets of air-conditioners. ITAN factory is equipped with a complete air-conditioner production chain, which includes 6 major workshops for general assembly lines of indoor units, general assembly lines of outdoor units, metal parts, evaporators and condensers, iniection molding as well as spray-painting, The products cover residential air-conditioners, central air-conditioners for home use, central air-conditioners for commercial use, heat pumps and smart home appliances, etc, ITAN company has the major self-owned brand: TAN brand, and its Origina Equipment Manufacturing(OEM) business is developing rapidly.



Company Vision

ITAN Air conditioner,(Hereinafter referred to as ITAN), has brought outstanding teams of industry talents as well as modernized management model from home and abroad into the company. it also invested Tens of millions of dollars in setting up modernized plants, automated production lines, and equipment for testing raw materials and products, enthalpy difference laboratories as well as laboratories for falls andageing, etc, along with the ERP management platform, ITAN company invested \$1.5 milion in developing product molds based on market demands, and has formed abroad-based, multi-system product structure, laving a solid foundation for the intelgent and scale deveolomment of the enterprise, Now ITAN has become one of the air-conditioning manufacturers of scale within China.

ITAN runs on the motto of credibility, and is guided by the needs of the users. ITAN organizes the resources in a highly efficient manner to provide air-conditioning products that are healthy brands to constantly satisfy the customers desire for better living, and to write a new chapter in a new intelligent era that is taking flight, and focus on energy-saving so as to improve the living environment. ITAN upholds the management philosophy of "The customers being the most important and putting quality first", adhering to a corporate culture that is credible, innovative, passionate and diligent. ITAN strives to create world-class Chinese home appliance brands to world-wide customers.



1 MANUFACTURING BASE

Base in Fuyang, Anhui

3 MILLION UNITS

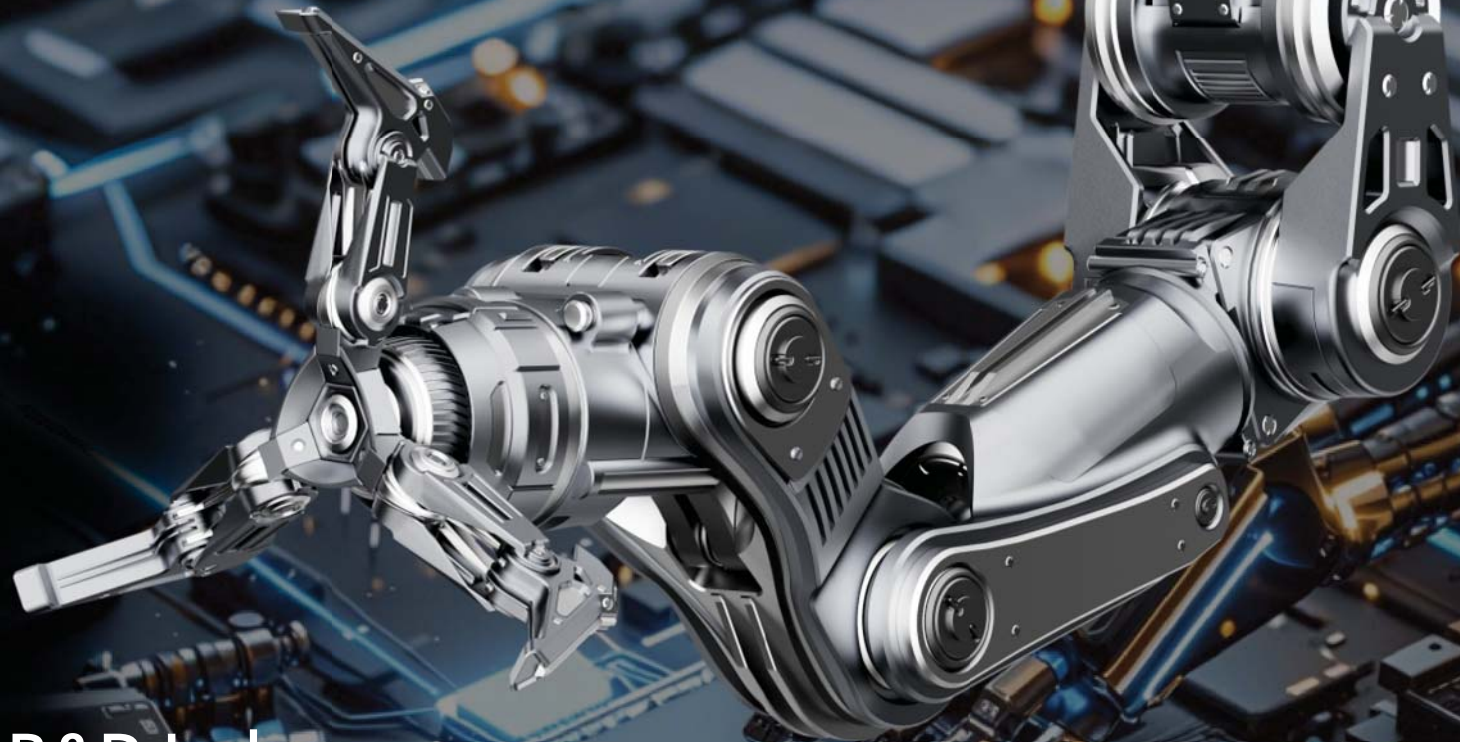
Annual manufacturing capability

2500 STAFFS

1.2 MILLION SETS

Sales of 1.2 million sets in 2025

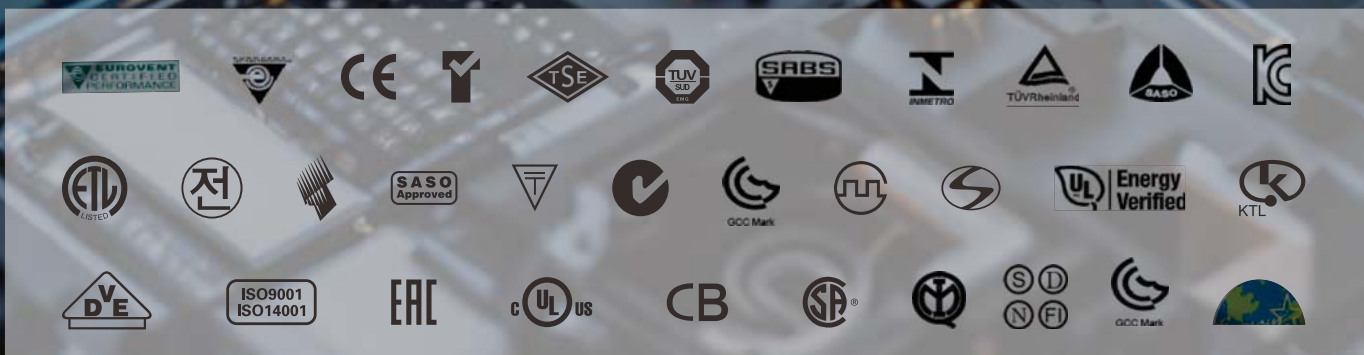
ITAN AC FACTORY



R&D Labs



Global Certification



RECEIVED AWARDS



MAIN SUPPLIER

MAIN STRATEGY COOPERATION SUPPLIER



ITAN

PRODUCT LINE UP

Series		Model	7000Btu	9000Btu	12000Btu	18000Btu	24000Btu	30000Btu	36000Btu
	YA6	On/Off			●	●	●	●	●
		DC Inverter			●	●	●	●	
	YA5	On/Off			●	●			
		DC Inverter			●	●			
	YA4G	On/Off	●	●	●	●	●	●	●
		DC Inverter		●	●	●	●	●	
	YA4W	On/Off	●	●	●	●	●	●	●
		DC Inverter		●	●	●	●	●	
	YA3W	On/Off	●	●	●	●	●	●	●
		DC Inverter		●	●	●	●	●	
	YA2B	On/Off	●	●	●	●	●	●	●
		DC Inverter		●	●	●	●	●	
	YA1BK	On/Off	●	●	●	●	●	●	
		DC Inverter		●	●	●	●	●	
	YA1S	On/Off	●	●	●	●	●	●	
		DC Inverter		●	●	●	●	●	

Series		Model	18000Btu	24000Btu	30000Btu	36000Btu	42000Btu	48000Btu	60000Btu
	YH	DC Inverter	●	●	●				
	YH	DC Inverter	●	●	●				
	YJ	On/Off	●	●	●				
		DC Inverter	●	●	●				
	YF	On/Off				●	●	●	●

Series/Model		12000Btu	18000Btu	24000Btu	30000Btu	36000Btu	42000Btu	48000Btu	60000Btu
	CASSETTE UNIT	●	●	●	●	●	●	●	●
	DUCTED UNIT	●	●	●	●	●	●	●	●
	FLOOR CEILING UNIT		●	●	●	●	●	●	●

SPLIT



**25 METERS LONG
DISTANCE WIND BLAST**



with STRONG COOLING

With one finger touch, powerful DC motor and large indoor fan achieve powerful airflow to bring strongest cool airflow, dropping room temperature down instantly.



Y. AURA SERIES SPLIT AIR-CON

COLOUR ●●



MODEL:YA6

COLOUR ●●



MODEL:YA5

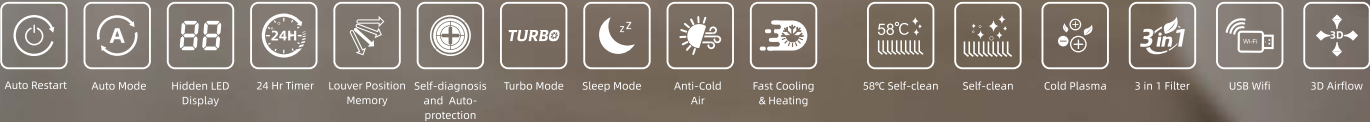
STANDARD



OPTIONAL



STANDARD



OPTIONAL



Y. AURA SERIES SPLIT AIR-CON

COLOUR ● ● ●



MODEL:YA4

COLOUR ● ● ● ●



MODEL:YA3

STANDARD



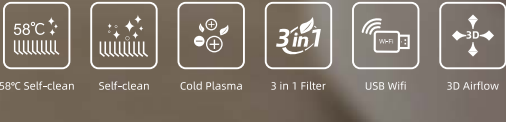
OPTIONAL



STANDARD



OPTIONAL



Y. AURA SERIES SPLIT AIR-CON

COLOUR ●



MODEL:YA2

STANDARD



OPTIONAL

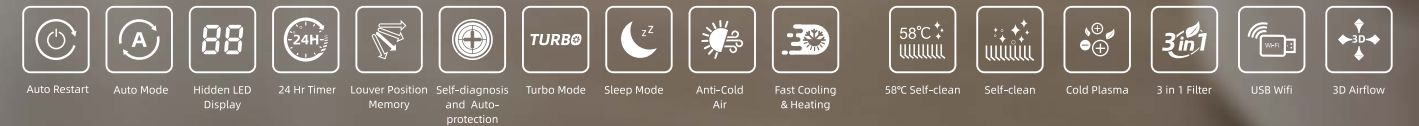


COLOUR ●

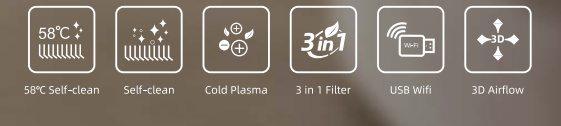


MODEL:YA1

STANDARD



OPTIONAL



YH Series FLOOR STANDING



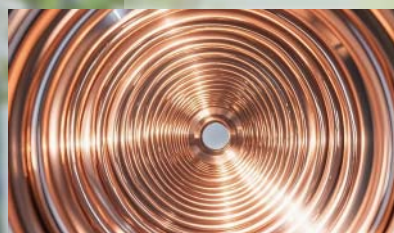
Unique Grill Design

Featuring a modern art-inspired aesthetic, the grill combines decorative elegance with distinctive charm.



Low Noise

The unit operates as quietly as 22dB, providing a serene environment.



Inner-Grooved Copper Tubes

High-quality inner-grooved copper tubes enhance thermal conductivity by increasing surface area, offering 20%-30% better heat transfer compared to smooth tubes.



3D Air Flow

Utilizing the Coanda effect with adjustable louvers and vanes, the air is directed both vertically and horizontally, delivering a true 3D airflow experience and ensuring efficient cooling or heating in every corner of the room.



Delicate & Powerful YJ & YF SERIES FLOOR STANDING



YJ Series

YF Series



COMMERCIAL AIR CONDITIONERS



INNER-THREADED COPPER TUBE

- Increased inner surface area and turbulence for superior heat exchange.
- Breaks the refrigerant boundary layer to boost efficiency.
- Higher heat transfer coefficient for better energy savings.



HYDROPHILIC ALUMINUM FOIL

- Degreasing and anti-fouling coating for cleaner performance.
- Allows condensate to drain quickly along fins.
- Shortens defrost time and boosts heating efficiency.



HIGH-EFFICIENCY, LOW-NOISE COMPRESSOR

- Advanced rotary design delivers stronger power and faster cooling/heating than scroll models, with superior durability.
- Performs reliably in extreme heat or cold.
- Smooth, quiet operation with reduced wear for longer service life.
- DC inverter models start at high speed for rapid temperature control, then adjust precisely for steady comfort and energy savings.



WI-FI CONTROL FUNCTION (OPTIONAL)

- Optional Wi-Fi module enables remote air conditioner control via smartphone.



UVC STERILIZATION FUNCTION (OPTIONAL)

- Optional UVC module effectively kills E. coli, Corynebacterium diphtheriae, Mycobacterium tuberculosis, Salmonella, and more.
- Non-toxic, residue-free, odor-free sterilization for better health protection.



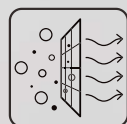
Simple & Elegant Design

ITAN's air conditioner features a modern, unique design that adds a touch of luxury to any space.



Low Noise

An optimized duct and turbine design ensures the air conditioner operates quietly, enhancing your comfort without disruptive noise.



Easy-Clean Filter

The air inlet grille and filter are designed for easy removal, simplifying the cleaning process.



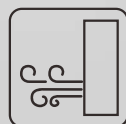
3D Airflow

3D airflow function combines vertical and horizontal auto-swing to distribute comfort more evenly throughout the room.



Touch Control

The control buttons are seamlessly integrated into the body, allowing for effortless operation with just a gentle touch.



Side Air Inlet

The uniquely designed side air inlet not only adds to the unit's aesthetic appeal but also makes it easier to clean.

DUCTED UNIT

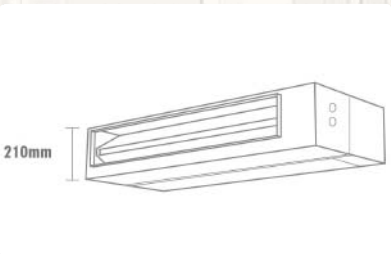
ITAN integrates multiple patented technologies to upgrade the structure, performance, and functions of its ducted air conditioners.

- Slim body design with concealed installation for a sleek appearance.
- Smart health options: smartphone remote control, UVC sterilization, fresh air intake.
- Available in low static pressure (0–30Pa) and medium static pressure (10–80Pa) models.
- Powerful, fast cooling/heating with long-distance air supply.
- Ideal for homes, offices, shopping malls, restaurants, supermarkets, and conference rooms.

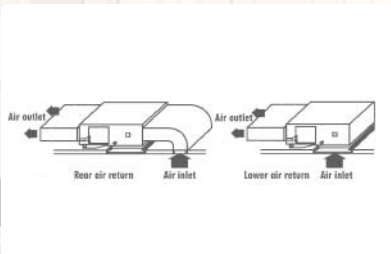


Low Static Pressure(30Pa)
12k/18k/24k/30k BTU/h

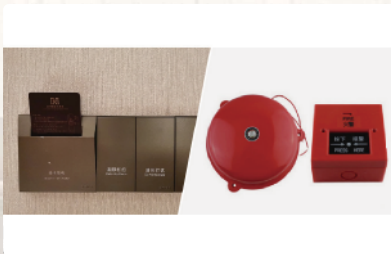
Medium Static Pressure (100Pa) 36k/42k/48k/60k
BTU/h



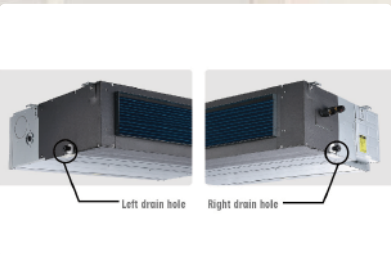
ULTRA-THIN BODY, EASY INSTALLATION
Only 210 mm thick, saving ceiling space and enhancing room aesthetics.



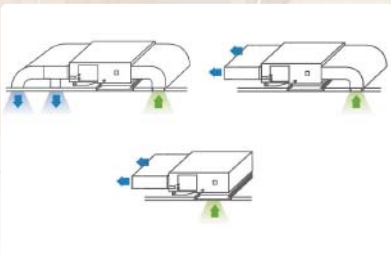
ADJUSTABLE AIR RETURN
· Change the return air baffle to switch between bottom and rear air return.
· Flexible application and easy installation. (Rear air return is factory default.)



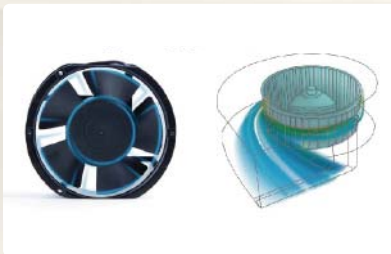
ACCESS CONTROL & FIRE ALARM LINK
Functional interface supports room card access control and fire protection linkage for automatic shutdown and safer use.



DUAL-SIDE DRAINAGE
Two drainage outlets (left & right) allow flexible pipe arrangement on site.



MULTI-STAGE STATIC PRESSURE
· Optional static pressure settings for flexible installation.
· Supports direct blowing or duct connection to suit different spaces.



HIGH-EFFICIENCY, LOW-NOISE MOTOR
High-efficiency motor with redesigned centrifugal fan and volute air duct for smooth operation, soft airflow, and reduced noise.

CASSETTE UNIT

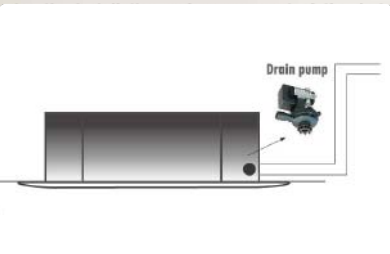
ITAN's new ceiling cassette series is designed to meet high energy efficiency standards.

- Stylish and practical design for diverse, personalized needs.
- Suitable for shopping malls, offices, and various commercial spaces.

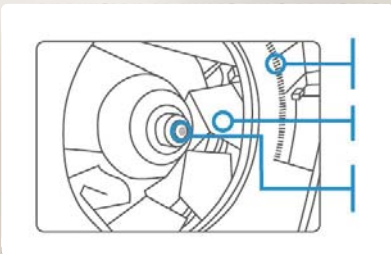


242mm height, 12k/18k BTU/h

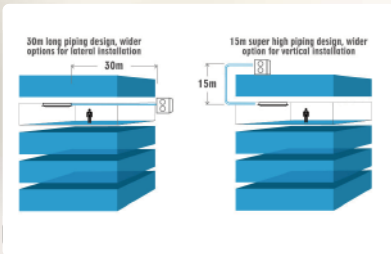
230mm height, 24k/30k BTU/h
300mm height, 36k/42k/48k/60k BTU/h



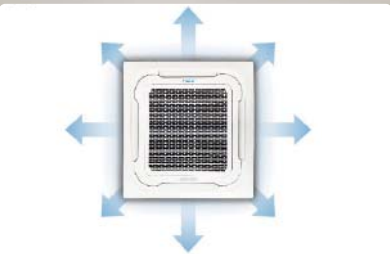
HIGH-LIFT DRAINAGE WATER PUMP
1.2 m high-head pump for smoother, more thorough condensate discharge and flexible pipe arrangement.



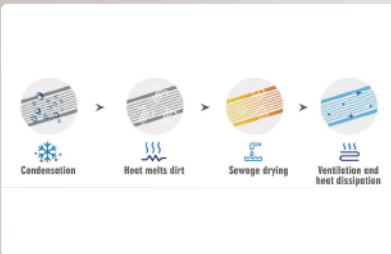
LOW-NOISE, LARGE-VOLUME CENTRIFUGAL FAN
The fan uses 3D spiral blades to ensure smooth airflow, high volume, balanced distribution, and greatly reduced noise for quiet operation.



LONG PIPING, FLEXIBLE INSTALLATION
Supports 15 m height drop and 30 m super-long piping to meet diverse installation needs.



360° AIR SUPPLY, NO DEAD ANGLE
360° air outlet with automatic swing ensures full-room airflow and adjustable angle for personalized comfort.

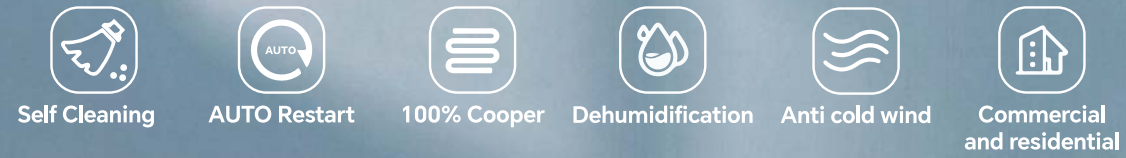


HEAT EXCHANGER SELF-CLEANING
The self-cleaning function can combine the condensed water generated on the surface of the evaporator with the dust, and remove the condensed water while taking away the dust.



LED DIGITAL DISPLAY PANEL
Embedded LED panel shows real-time temperature, mode, and operating data for accurate, high-end monitoring.

FLOOR CEILING UNIT 18K-60K



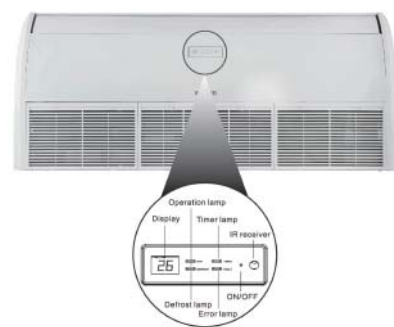
Flexible Installation

According to project needs, choose ceiling suspended installation or floor standing installation.



Digital Display

Error codes and other operating parameters can be shown on the display.



Washable Air Filter

Long term filter can effectively remove dust in the air, and it could be taken out from grille easily to clean, aims to provide healthy indoor environment.



Easy maintenance

New upper and lower buckle type wheel case, the upper wheel case can be removed alone, which is convenient to adjust the wheel motor



WIFI Control Function (Optional)

Optional WIFI remote control module can be chosen, through the mobile phone to remotely control the air conditioner.



UVC Sterilization Function (Optional)

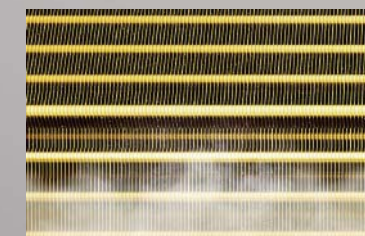
UVC powerful sterilization accessories can be customized to effectively kill Escherichia coli, Corynebacterium diphtheria, Mycobacterium tuberculosis, Salmonella, etc. The process is non-toxic, no residue, no peculiar smell, and protects human health.



FULL RANGE OUTDOOR UNIT FROM 7K-60K



Optimized Air Duct Design 30% Less Energy



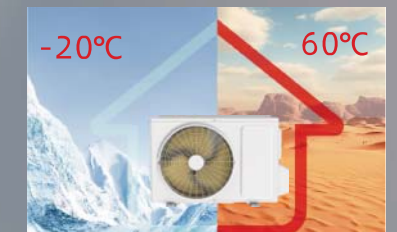
Golden Fin Coating



Consumption and 1-2 dB Noise Reduction



Strong Structure Design Higher Reliability



60°C High Ambient cooling
-20°C Low Ambient Heating



Optimized Loading Quantity



AMPERE - CONTROL INVERTER

Super-Fast Cooling Even on Small Generator

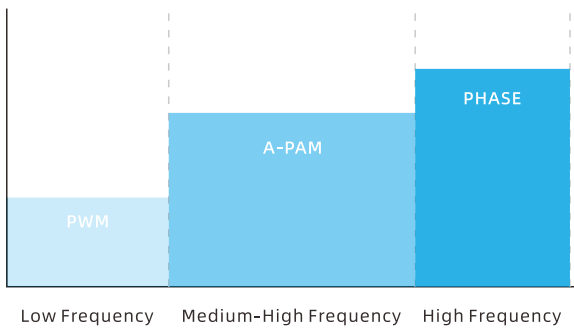
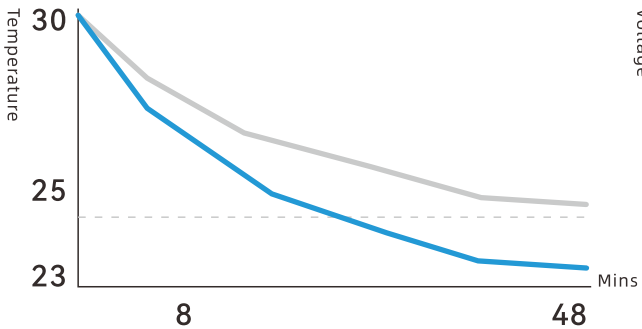
This feature allows the air conditioner to operate efficiently on a small generator, with a 4-level ampere control to manage power outages and low voltage.

TECHNOLOGY

6-Step Ampere Control

The intelligent control program allows the inverter air conditioner to operate in 6 different steps in GEN/Ampere control mode: 30% power at L1, 40% at L2, 50% at L3, 60% at L4, 70% at L5, and 100% at OFF. This flexibility offers users optimal performance.

By regulating the current, the system reduces energy consumption by 20%-60% compared to standard modes, providing stable cooling while keeping electricity costs in check.



L1 ❄️ 30% cooling

L3 ❄️ 50% cooling

L5 ❄️ 70% cooling

SUPER-FAST COOLING
EVEN ON SMALL GENERATOR

L2 ❄️ 40% cooling

L4 ❄️ 60% cooling

OFF ❄️ 100% cooling



6 LEVEL
GENMODE
1.5HP Runs on Small
0.9KVA Generator

BENEFIT

Enjoy optimal cooling with the 6-step

Enjoy optimal cooling with the 6-step control program, tailored for areas with unstable voltage or frequent outages. It ensures fast cooling even with a small generator.

Minimizing energy consumption

In GEN/Ampere control mode, the inverter air conditioner delivers stable cooling while minimizing energy consumption.

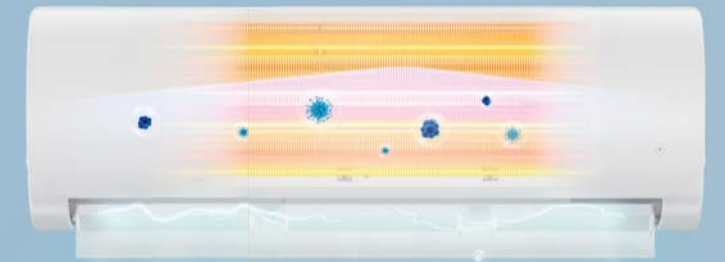
Capacity	L1(A)	L2(A)	L3(A)	L4(A)	L5(A)	OFF
9K	2	3	4	5	6	OFF
12K	2	3	4	5	6	OFF
18K	3	4	5	6	7	OFF
24K	4	5	6	7	8	OFF
30K	5	6	7	8	9	OFF

Data is for reference only. Please refer to the actual specifications of the ordered model.

56°C

HIGH TEMPERATURE SELF-CLEANING & STERILIZATION

Breathe Clean, Breathe Fresh This feature eliminates bacteria and viruses by heating the evaporator to 56°C for 30 minutes.



BENEFIT

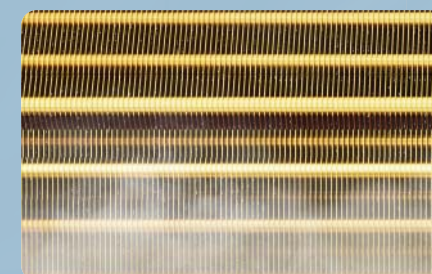
The 56°C sterilization dries the evaporator and kills harmful microorganisms, ensuring that only clean, healthy air is released from the air conditioner.



Frosting



Defrosting



High Temperature Drying



56°C High Temperature Sterilization

60°C

High Ambient Cooling

The ITAN Inverter operates stably and efficiently at ambient temperatures up to 50°C, delivering full cooling capacity. The advanced inverter compressor continues to function without interruption even at 60°C.

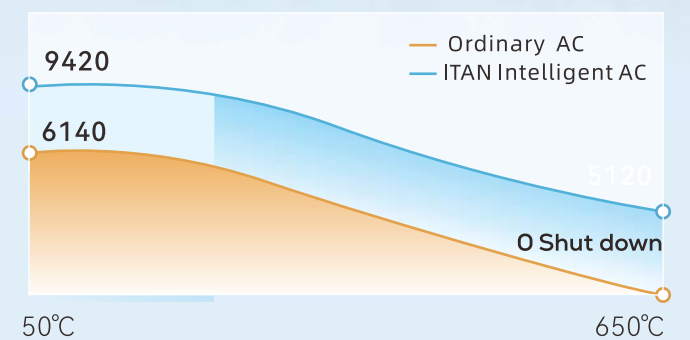
Stable Operation: Functions within a wide voltage range of 145V-264V.

Wide Frequency Range: Operates between 10Hz and 120Hz.

Available only in selected models under specific conditions.



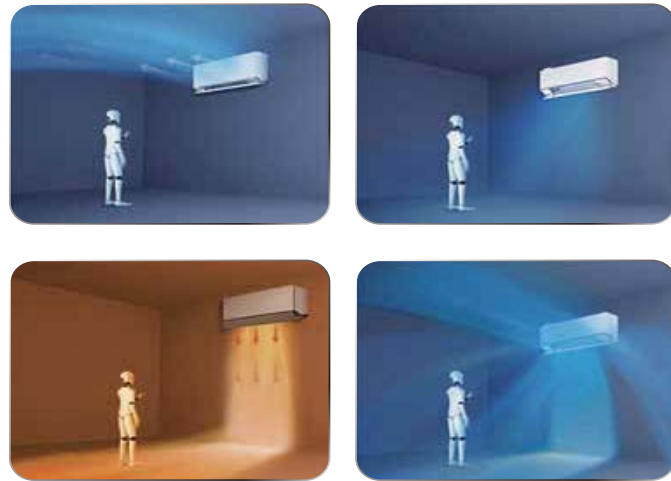
Cooling Capacity Comparison (Btu/h)



-20°C

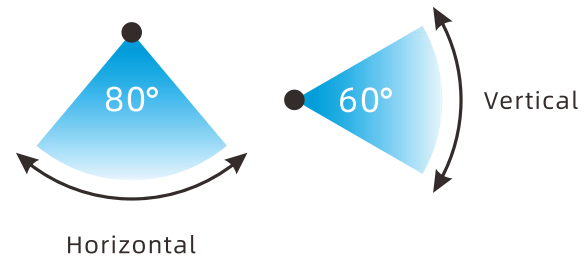
Low Ambient Heating

With a chassis heating belt and high-efficiency compressor, the system maintains excellent heating performance in extreme cold down to -20°C, ensuring consistent comfort.



3D AIR FLOW

The air outlet automatically adjusts both horizontally and vertically, ensuring a cool and consistent airflow that reaches every corner of the room.



GOLDEN COATING TECHNOLOGY

Golden Coating Technology enhances resistance to oxidation and corrosion compared to standard condenser fins, ensuring more reliable and long-lasting performance. It also prevents bacteria growth and oil stains while withstanding various weather conditions for improved durability.



REFRIGERANT R32/R410a

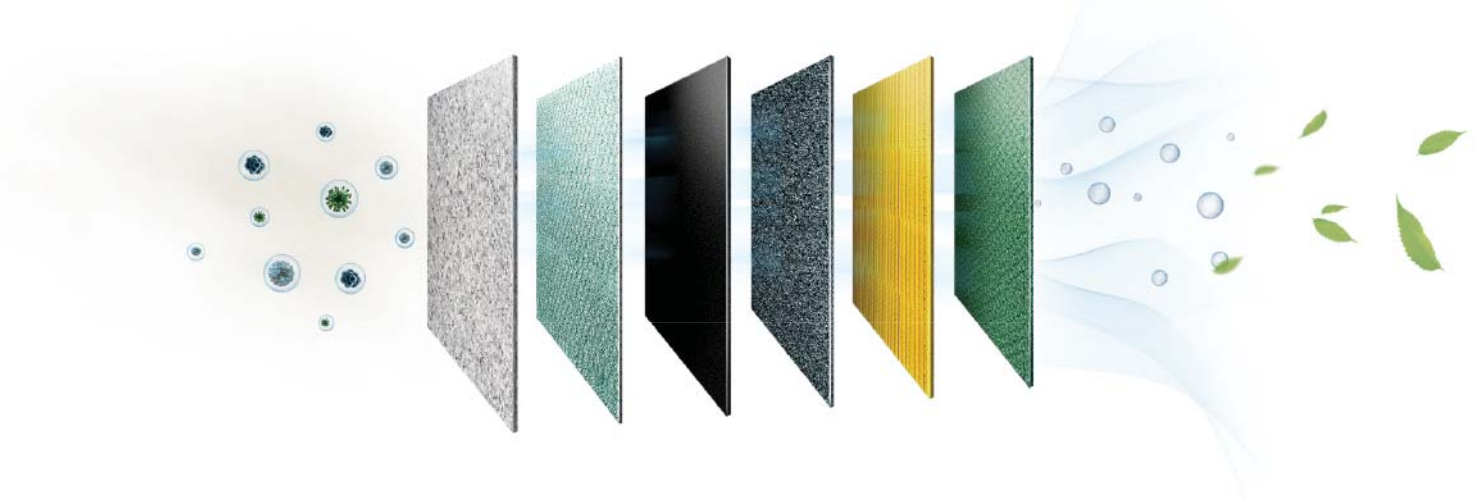
ITAN residential air conditioners accord with international standards for environmental safety and energy efficiency. Systems with R32 show 2-9% increases in energy efficiency compared to R410A systems.



HEALTH FILTER

Filters are essential components of your air conditioner. They not only clean and purify the air circulating through your home but also protect the air conditioner from contamination.

By reducing airborne particles and lowering allergens, the filter improves indoor air quality. It also safeguards the air conditioner, ensuring it operates efficiently and lasts longer.



ECO MODE

When ECO mode is on, the temperature will be automatically adjusted to 26°C, the air conditioner will limit the input power to save energy and make the unit more economical. This is a huge advantage for users who want a comfortable cooling experience without worrying about the cost of using.



Wi-Fi CONTROL

ITAN smart air conditioners offer remote control and scheduling via your smartphone from anywhere. The Wi-Fi module, which features a USB plug-in design and reserved indoor installation space, is available as an optional add-on. Users can easily install it as needed for added convenience.



