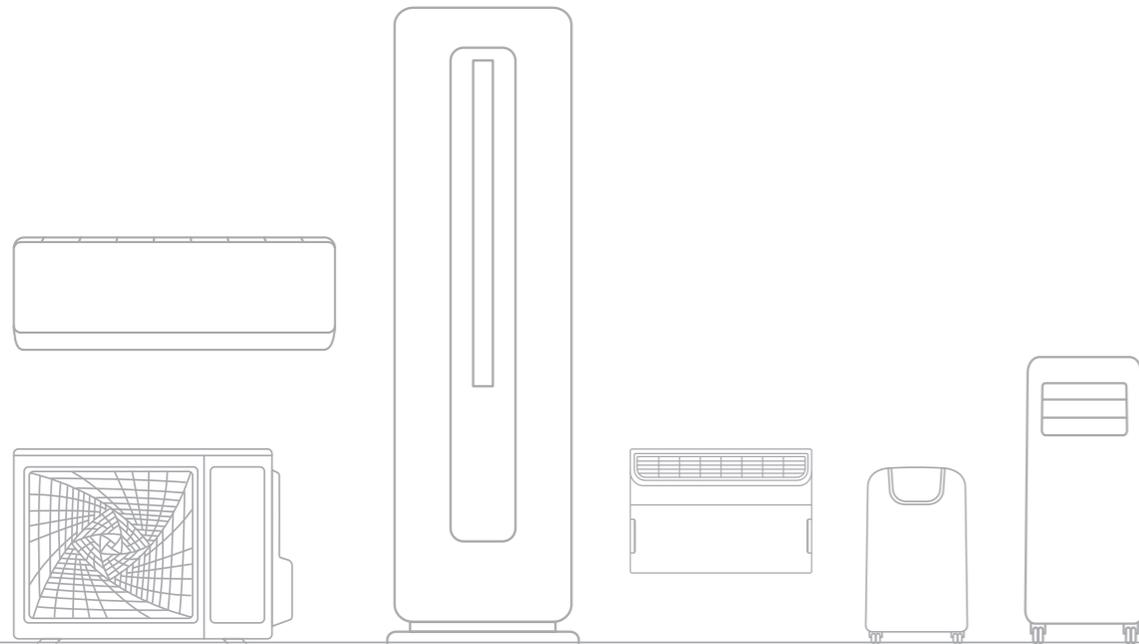


AIR CONDITIONING
RESIDENTIAL
GENERAL
CATALOGUE
INVERTER



Haier Air Conditioning

HAIER ELECTRICAL APPLIANCES (M) SDN. BHD. (594702-A)

Careline: 1800-88-6666
www.haier.com/my

2023/MALAYSIA



ULTIMATE HEALTH

Healthier air for better health. Air pollution levels are constantly on the rise and it is a health and environment issue that is affecting everyone globally. Long term exposure to air pollution, especially PM2.5, the tiny particles in the air that can enter deep into the lungs and into the bloodstream, increases the risk of respiratory infections, heart disease and lung cancer.

After experiencing the pandemic crisis, everyone is much more aware of the harm that airborne diseases bring including the disruption it brings to the quality of our lives.

Dedicated to provide healthier air to everyone, Haier has been continuously innovating our technologies throughout the years to present air conditioners that fits the ever-changing market demands.



Maintain AC Clean



UVC Sterilization



Smart Clean



Easy to Clean

UVC STERILIZATION

Improved Purity Improved Living

Haier UVC Pro inhibits the growth and survival of bacteria and viruses and purifies the air by emitting UVC rays and generating both positive and negative ions.

TECHNOLOGY

Haier UVC Pro air conditioner emits UVC rays at the air inlet that destroys the structure of bacteria and viruses that are present. Haier UVC Pro generates positive and negative ions that purifies the air which then stimulates nano water and oxygen level.

UVC Wavelength

UVC light possesses excellent germicidal properties to inactivate and destroy a wide range of microbial pathogens.

Plasma

UV lamp emits specific wavelength which stimulates H₂O nano and O₂ in the air and generates positive and negative ions group, which bonds with bacteria and viruses to inhibit them.

Powerful UV Lamp

The New UVC Pro lamp emits rays near the air inlet, killing the airborne hazards passing through.

Safety Lock

When the front panel is open, the UVC light will be automatically turned off to avoid direct exposure to human bodies.

BENEFITS

Haier UVC Pro sterilizes both the living space and air with UVC rays to provide a safe environment.

Safe, Reliable Operation

Eliminates the airborne hazards, with no harmful chemicals, no residuals, and no burden to the environment.

Healthier Room Air

Haier UVC Pro sterilizes both the living space and air with UVC rays to provide a safe environment.

Efficient Sterilization

Haier UVC Pro sterilization utilizes the wavelength between 265-275 nm, which is stronger in destroying the invisible pollutants in the air.



99%*
Virus Removal Rate

Certificated by SGS. The AQUA air conditioner is placed in a 10m³ test chamber. After 2 hours testing. It shows that the virus removal rate is over 99%.

SMART CLEAN

Always Clean Always Cool

Freezes the evaporator with moisture in the air, and removes away dirt in rapid melting, ensuring the air that comes out of air conditioners is always healthy for you.

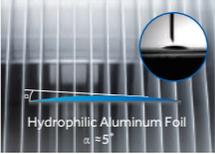
TECHNOLOGY

Dirt accumulates on the evaporator during operation. If not cleaned regularly, the dirt leads to the growth of mold and bacteria that compromise the air quality. It also reduces air conditioning efficiency by 15-30%.



Cold Expansion

Frost on the evaporator/condenser generates strong cold expansion force that can easily peel off dirt on the surface.



Express Washing

Hydrophilic aluminum with smaller angle helps increase water drainage efficiency by 20%.



Anti-bacteria

The coating on the aluminum contains silver nanoparticles that kill bacteria and inhibit their growth >99.99% efficiency.



TUV Certification*

BENEFITS

High-efficiency Air Conditioner

The technology kills bacteria and keeps the evaporator clean. It enables the AC to work at full cooling capacity and deliver cleaner air.

Reduce Cleaning Cost

Clean your AC regularly with a simple tap on your controller and save on your AC maintenance cost.

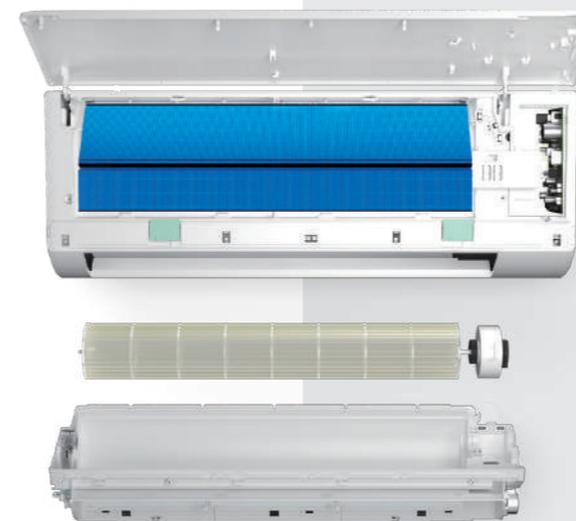
*The Verification on Cooling Expansion Rate & Defrosting Residual Rate of Air Conditioner with Self-Cleaning Technology is tested on model AS09FBBHRA by TUV Rheinland. The test report shows that the cooling expansion rate is 98.2% and defrosting residual rate is 0%.
 *Haier has been the world's No.1 Self-Clean air conditioner brand for 2 years in a row with a market share of 43.4%. (Data from Euromonitor International as of Feb. 2020)



EASY TO CLEAN

Marking a new milestone in the innovation of AC by allowing you to disassemble the fan and motor for deep cleaning.

TECHNOLOGY



Easy Access Fan & Air Duct

Step 1 One Screw

- Snap-in design, less screws, less trouble
- Snap-in clasp design, concealed screws with minimalist design

Step 2 Easy Connected Waterpipe

- Convenient disassembly of waterpipe design
- Easy connected design with left/right installation place
- Easy to plug in & out

Step 3 Easy Connected Terminals

- Quick disassembly
- Only 3 terminals

BENEFITS

Keeping AC Clean

Regular cleaning of the core components including fan and air duct is crucial to maintain clean AC.

Save Cleaning Cost

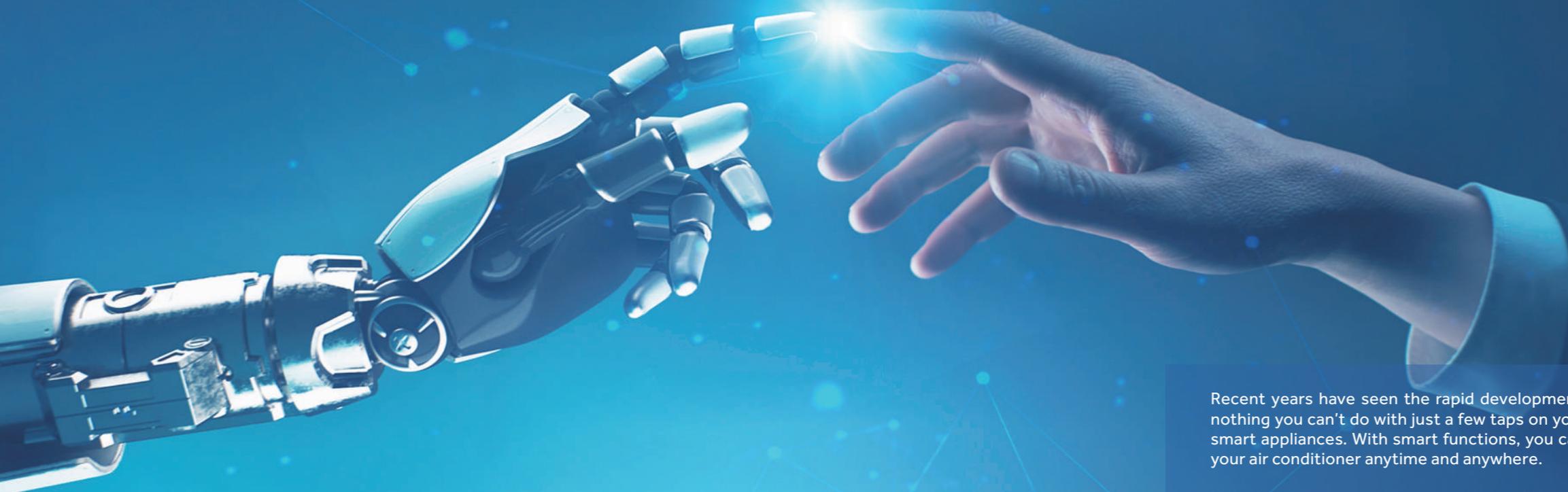
The innovative design speeds up the disassembly of the AC, saving even more time and maintenance cost when you do it yourself.



SGS Certification*

*The Verification of 5-star Easy-to-Clean Compliance is tested on Q/HKT J09230-2021 standard by SGS. The test report shows that the star rating of Haier Expert series air conditioner (refer to the test report for detailed model numbers) on the PCB disassembly, motor disassembly, and fan disassembly is 5-star which is the highest of the rating scale.

ULTIMATE SMART



WiFi Control

Recent years have seen the rapid development of telecommunication and IoT technology. Now there is nothing you can't do with just a few taps on your smartphones. Haier has grown to be the leading brand in smart appliances. With smart functions, you can customize the services based on your needs and control your air conditioner anytime and anywhere.

Haier has been exporting smart air conditioners to over 130 countries and regions since 2013 with sales volume exceeding 25 million units globally. Haier is the Global No.1 major appliances brand for 14 consecutive years since 2009 and the market share of Haier in terms of volume sales was over 33% in 2021.

Source Euromonitor International Limited; Consumer Appliances 2023ed, % unit share, 2022 volume sales data.

WI-FI CONTROL

Control Your Air Conditioner Anytime Anywhere

TECHNOLOGY

The Wi-Fi control replaced the traditional AC controllers whereby the AC can be control with just a click on mobile phone.



BENEFITS

Customized Service

Here are some of the functions you can enjoy with "Haier Smart Air 2" app when the WiFi module is installed.



Weekly Timer

Sets temperature and fan speed for the week to come.



Error Alert

Error code is shown on the app when it malfunctions.



Sleep Curve

Presets 4 unique sleep curves for people in different ages.



Smart Reminder

Sends regular notifications to user to clean the filter mesh.



Convenient Control

Controls air conditioner from anywhere and anytime via network.



Group Control

Control multiple units with only one smart phone in hand.

ULTIMATE POWER



Turbo Cool



Inverter Plus



Anti-Corrosion



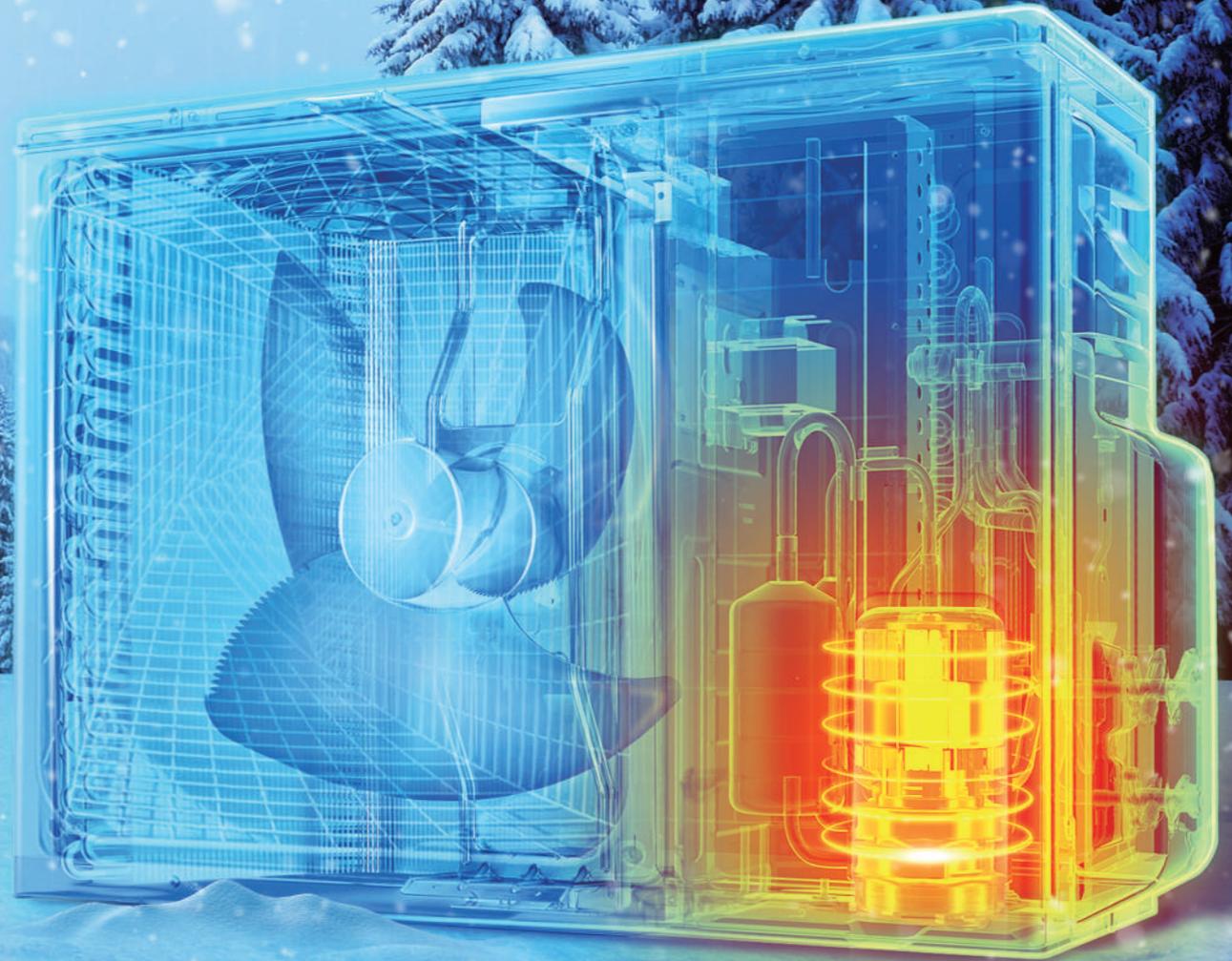
Hyper PCB

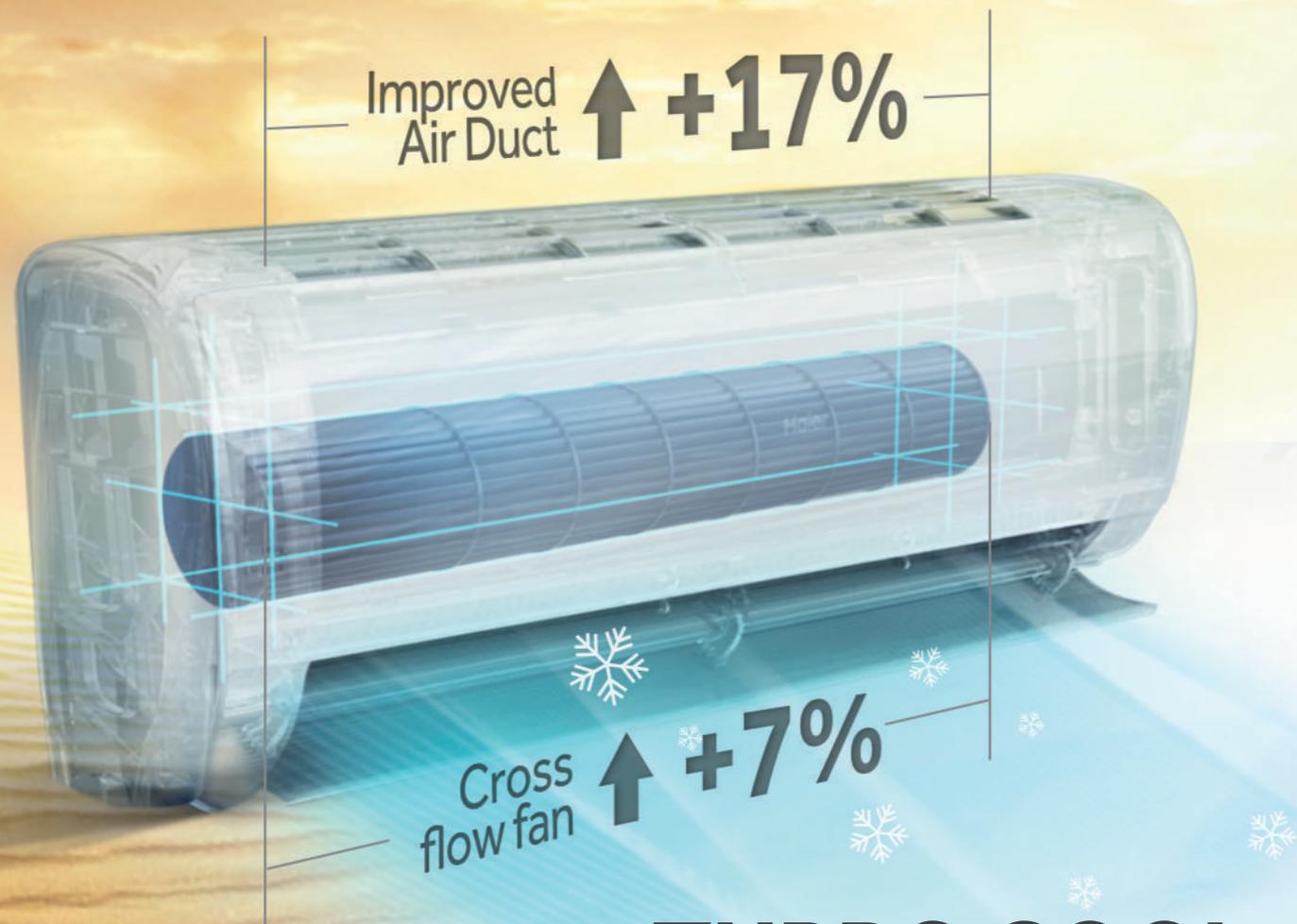


ECO Mode

Haier's advanced inverter technology provides powerful, superior air conditioning to consumers whether it's in scorching summer or freezing winter.

Haier has exported air conditioners to over 130 countries or regions across the globe. The climate differs greatly from each other, and we provide custom-made air solutions based on local features and user demands.





TURBO COOL

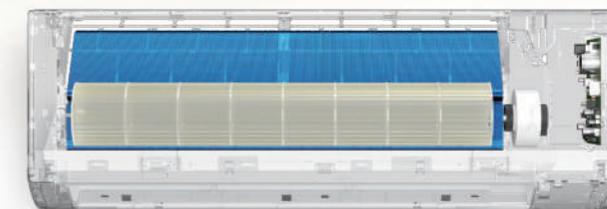
Up To 47% Faster Cooling

Enables motor to run at higher frequency while "Turbo" mode is turned on, allowing you to enjoy cool air at every corner of the room within the shortest time.

TECHNOLOGY

Better Air Duct

The air inlet is enlarged by 17%. The space between the evaporator and the front panel, and the air outlet are also enlarged. The optimization helps increase the airflow volume.



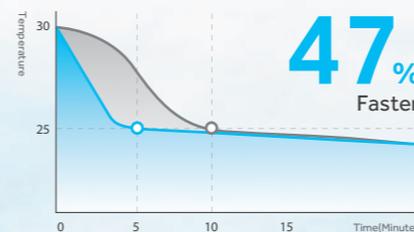
Longer Cross Flow Fan

The cross flow fan is optimized to be 7% longer than the conventional to increase the air volume.

Optimized Electronic Control

The special electronic control system uses A-PAM DC inverter technology and DC fan motor. It drives the fan with much higher efficiency.

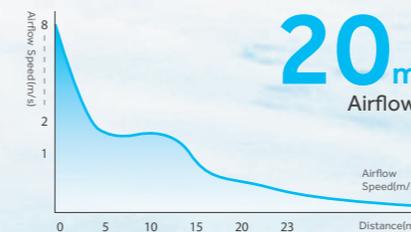
BENEFITS



Fast Cooling

The special control program allows the motor to work at a higher frequency. It enables users to enjoy a cool room within a much shorter time.

Test condition: T1 condition, starting from 30°C to 25°C Room:5mx4mx3m, Model: AS18NDLAA



Long-Distance Airflow

The indoor unit get improved with better motor, optimized fan and air duct. It enables the air conditioner to blow air as long as 20m.

Test condition: Test is made with NEBULA 24000BTU models with fan speed set turbo under stable working condition in an air tight room.



Strong Airflow

With improved fan and air duct, the air conditioner supplies up to 25% more air volume than the conventional.

Test condition: Test is made with AS09GB4LAA and AS10NASLAA with fan speed set turbo mode under stable working condition in an air tight room.

INVERTER PLUS

Integrates TLFM inverter control, PID inverter control and A-PAM inverter control to achieve smart control of the air conditioner, and in the meanwhile, maximize comfort, reliability and efficient performance.

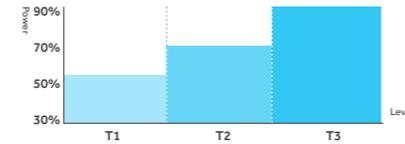
Up to 63% Energy Saving

63%
energy saving up to

TECHNOLOGY

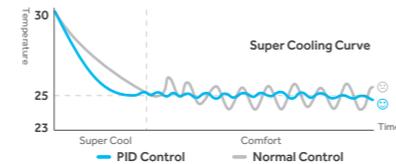
TLFM Inverter Control

TLFM, or Triple Linkage Frequency Modulation, inverter control utilizes 3 different voltage controls to manage the optimal operation efficiency at every frequency phase.



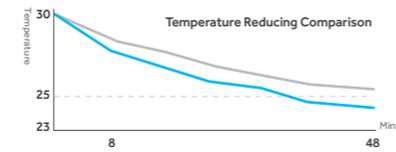
PID Inverter Control

PID, or Proportion Integration Differentiation, inverter control maximizes the working frequency before reaching the desired temperature, and after that, constantly makes real-time adjustments to match room air temperature with the desired temperature.



A-PAM Inverter Control

A-PAM, or Adoption-Pulse Amplitude Modulation, inverter control automatically adjusts DC bus voltage in accordance with the compressor load, to increase operation voltage range.



BENEFITS



Energy-Saving Performance

Inverter Plus achieves high working efficiency at all frequency phases. The cooling/heating performance is much faster and more powerful.



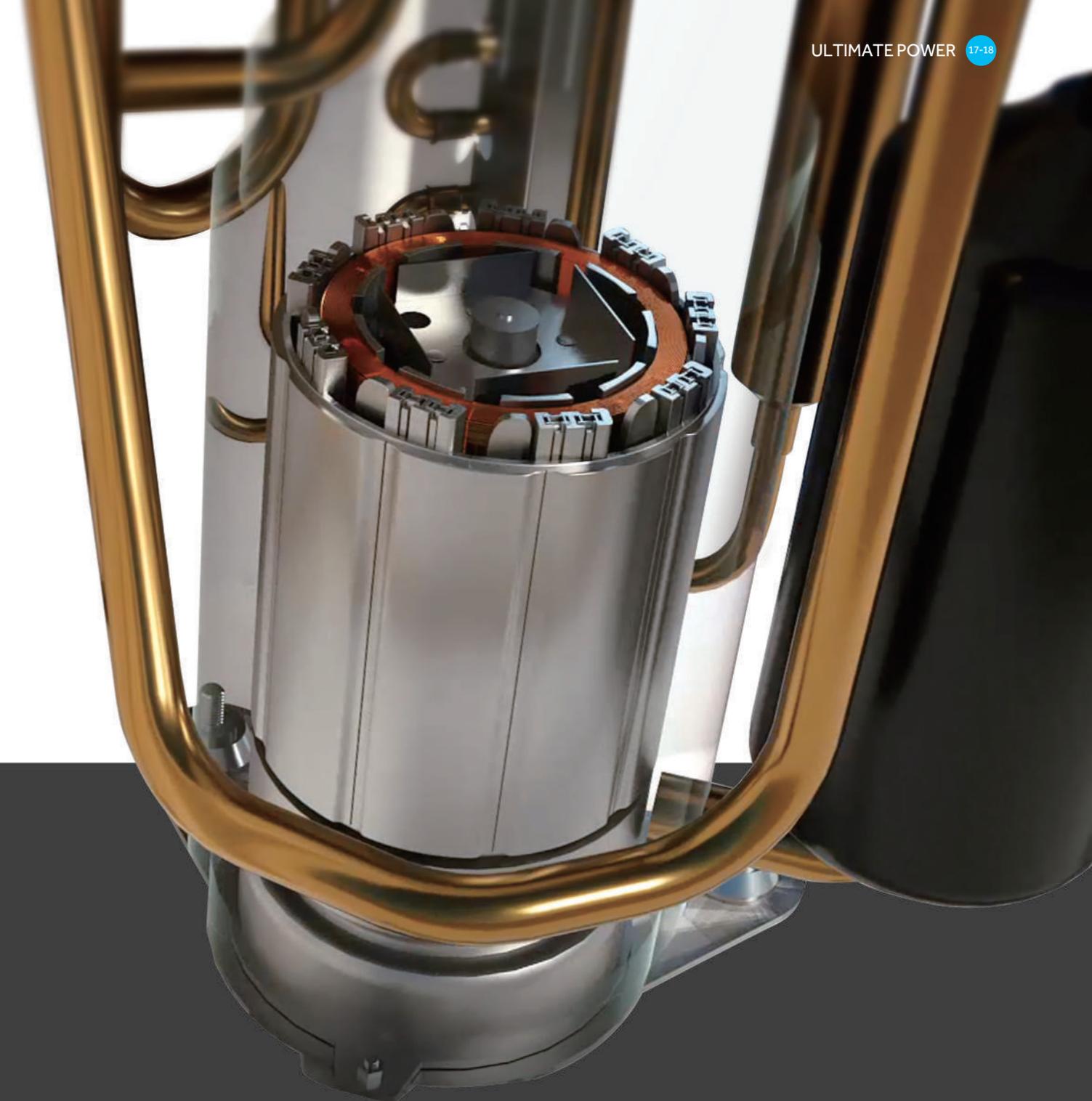
Cool, Comfortable Airflow

When the air conditioner is on, Inverter Plus reaches desired temperature much quicker than the conventional, and then maintain it with ± 0.1 C precise temperature control.



Reliability

Inverter Plus adjusts DC voltage to achieve stable operation between 120V-264V with ideal voltage control. In remote areas, users can enjoy cool air despite power fluctuations.



ANTI-CORROSION

Special Processing More Durable

Protects air conditioner from the damaging caused by harsh environment in costal regions where the air is high in humidity, salt, chemicals and acid, to enhance the reliability and air conditioning performance.

■ TECHNOLOGY



Anti-Corrosive Blue Fin

The blue fin coil is highly effective in protecting the evaporator against dust, moisture and corrosive agents.



Anti-Corrosive Tube Plate

Anti-corrosive properties are applied to the tube plate to increase durability.



Anti-Corrosive Copper Tube

The special coating on the U-shaped copper tube prevents from rusting and gas leakage.

■ BENEFITS

More Durable

The anti-corrosive design increases the durability of the air conditioner, saving AC maintenance cost.

More Reliable

The anti-corrosive design prevents the copper tube damaging and gas leakage, to ensure the best air conditioning performance.

TECHNOLOGY

Thicker Conformal Coating

The PCB is covered with thicker conformal coating that is better than the conventional to protect against moisture, chemicals, insects and extreme temperatures.

FR-4 Material

The property of FR-4 material is flame-resistant and excelled in retaining its high mechanical values and electrical insulating qualities in both dry and humid conditions.

Compact Design

The design is smaller and takes less space than the conventional. It minimizes its influences to heat exchange efficiency of the condenser, and gives larger room to other components.



Smart Power Module

Built-in high definition temperature sensor controls the working efficiency of the compressor to achieve superior cooling and heating performance.

BENEFITS

More Stable

The PCB works stably between 130V-264V, and endures the maximum surge voltage of 550SV. It enables air conditioner to provide consistent cooling in harsh environment.

More Durable

Special design and better conformal coating protect its components against various elements that reduce its lifespan.

550SV

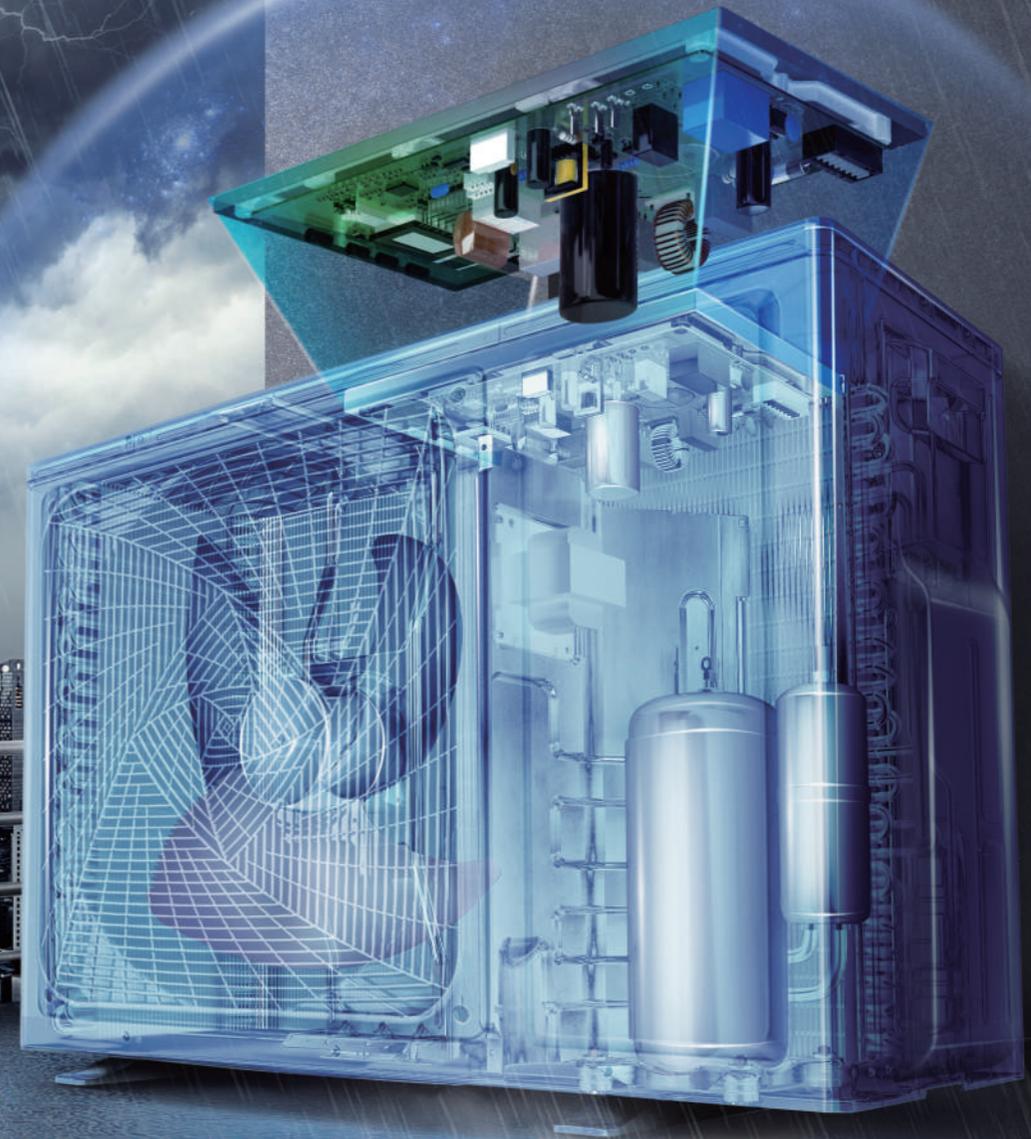
Endures the maximum surge voltage of 550SV.



HYPER PCB

More Stable More Durable

Provides consistent, powerful cooling with optimized design to cope with voltage fluctuations and unexpected damages that may lead to malfunction of the air conditioner.



ECO MODE

One-Touch Energy Saving

Reduce 20% - 60% energy consumption as compared to normal mode by limiting the current. Stay cool and don't worry about electricity bills.



TECHNOLOGY

Just press the "ECO" button on the remote controller and the air conditioner will function in active power control for energy saving.



20%~60%

Energy saving with Eco mode .



BENEFITS

Active Energy Saving

ECO Mode improves the energy efficiency by reducing cooling output without compromising comfort.

3-Level Control

The control system is programmed to allow air conditioner to function at different levels to cater to the users' specific needs.

ULTIMATE COMFORT



Triple Airflow



I Feel



Smart Dry

With the constant advancement of air conditioning technology, basic cooling and heating functions can no longer meet the ever-changing consumer demands.

Haier aims to provide the most comfortable air conditioning experience to users by constantly innovating our products.

The PID inverter technology enables the room to reach the desired temperature much quicker and maintain the temperature even more precisely. It delivers faster and more comfortable cooling performance. With innovative Triple Airflow, we utilize unique dual-blade air deflector that generates stronger, more concentrated airflow and send it to every corner of your room. Smart Dry function is available to balance the temperature and humidity.



TECHNOLOGY

The triple airflow, made up of 3 parts under micro-perspective, delivering air in a more intuitive way, and forms the all-space circulation.

35°
elevation



Archimedean Spiral

The application of the dual-blade wind deflector structure creates the unique Archimedean spiral that directs the cold airflow to the ceiling at 35° elevation.



Venturi Effect

Venturi Effect occurs when air flows through the air duct that is narrow on the inside and wide on the outside, specifically built to create optimal pressure to release airflow at a higher speed.



Supplemented Airflow

The airflow below the air deflector, absorbed tightly by the negative pressure generated by the faster airflow in-between, joins the main airflow and makes it even more stronger.

TRIPLE AIRFLOW

Further, Faster, Stronger
Cools Every Corner of the Room

The wind flows further, faster and stronger to cool every corner of the room.

BENEFITS

Ceiling Cooling

When the cooling mode is turned on, the airflows ventilates in the room in a much faster speed while avoiding airflow blowing directly to users.



I FEEL

One Button Intelligent Temperature Control, More Comfortable

Detects the temperature in room using the remote controller and optimize the operation based on the temperature detected.

TECHNOLOGY

The performance of air conditioner may vary under different working conditions. The room temperature might be higher or lower than user's expectation and I FEEL technology is here to increase the comfort level.



Built-in Temperature Sensor

With high-definition temperature sensor built inside, the remote controller can precisely monitor the room temperature.



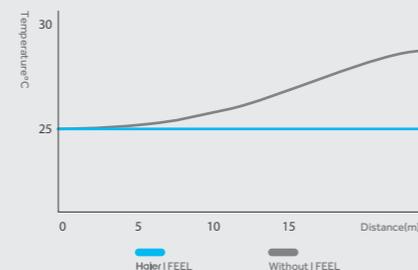
Easy Control

Just a click on "I FEEL" button on the remote controller, the air conditioner receives real-time temperature data and optimizes working conditions to match the desired temperature set by users.

BENEFITS

Comfortable Experience

The function optimizes the working conditions of air conditioner to deliver airflow at the best-suited temperature.



Haier : With I FEEL



Other : Without I FEEL



SMART DRY

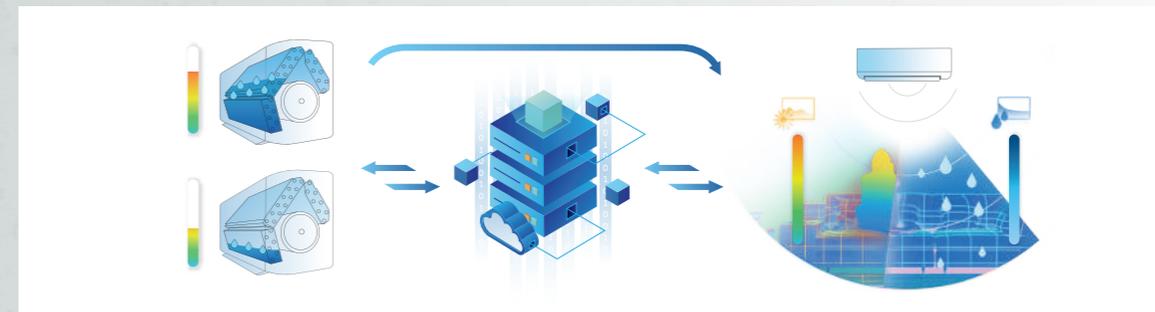
Ideal Humidity Everyday

Haier Smart Dry Technology with PID inverter control calculates the temperature and humidity deviation and maintain the temperature and humidity at an accurate and comfortable level for human body.



TECHNOLOGY

It calculates the deviation of temperature and humidity in real time (the difference between the set value and the real-time value), adopts PID control technology, and adjusts the frequency of the compressor and the fan to keep the temperature of the evaporator and the circulating air volume at the best value, and to control the load ratio of cooling and dehumidification. That can not only ensure that the air conditioner can dehumidify in the dehumidification mode, but also avoid the room temperature being too low due to excessive dehumidification, causing discomfort and energy waste.



PID Control

Controls the output ratio between dehumidification and cooling of the air conditioner by adjusting the compressor frequency, fan speed and refrigerant circulation volume.

Algorithm

Leading-edge programming algorithms Through study on big data of human humidity and air conditioning operation curve, work out an algorithm which perfectly deals with room humidity.

BENEFITS



Temp:25°C Humidity:40%-60%

Temp:25°C Humidity: 80%

Creates a comfortable space with the best humidity of 40% - 60%. The sensible temperature is lower, so that people feel cool, comfortable and moisturizing. The appropriate humidity can protect the indoor environment and things.

ULTIMATE FIT



Easy to Install



Easy to Disassemble

Haier air conditioner is truly easy to be installed with various optimized components. The optimized wall mounting plate provides detailed specifications for quick installation. Extended kickstand facilitates the installation with larger operating space. Moreover, it's easier to dismantle and maintain the air conditioner with easy access fan motor and control board.



TECHNOLOGY



50%
Save 50%
installation time

EASY TO INSTALL

Save Time & Effort

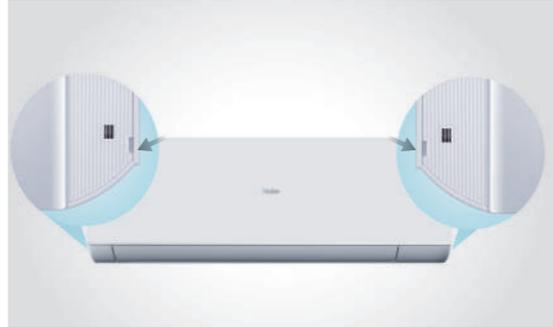
Installers get to install more air conditioner units within the same amount of time, thus increasing the working efficiency of installers.



Optimized Mounting Plate
Mount the air conditioner at a fixed position easily.



Extended Kickstand
Installation is easier with larger operating area.

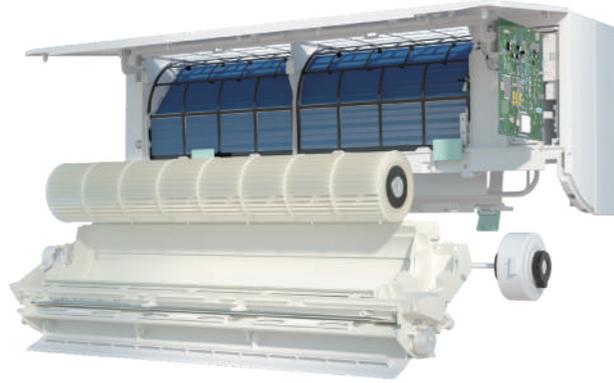


Optional Drain Piping
Provides drainage piping on both left and right side of the air conditioner to offer flexibility for installation.



Detachable Bottom Cover
Conveniently connect piping and wiring without using a screwdriver.

TECHNOLOGY



Step 1 One Screw

- Snap-in design, less screws, less trouble
- Snap-in clasp design, concealed screws with minimalist design

Step 2 Connected Waterpipe

- Convenient disassembly of waterpipe design
- Designed to offer flexibility for installation on the left or right side
- Easy to plug in & out

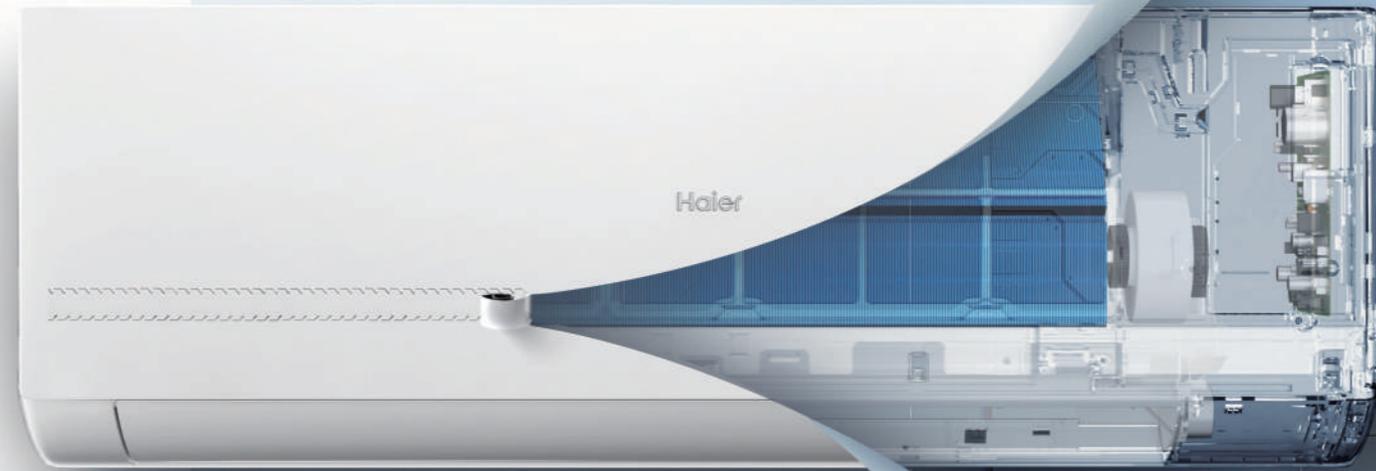
Step 3 Connected Terminals

- Quick disassembly
- Only 3 terminals

28s

Ultimate Disassembly*

*35-X AC only adopted one screw and takes only 28 seconds to remove it.



BENEFITS

80%

Faster PCB Disassembly*

90%

Faster Motor Disassembly*

95%

Faster Fan Disassembly*



SGS Certification*

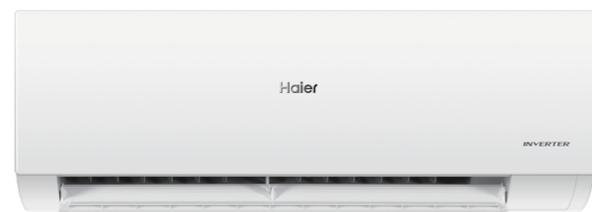
*The Verification of 5-star Easy-to-Clean Compliance is tested on Q/HKT_J09230-2021 standard by SGS. The test report shows that the star rating of Haier Expert series air conditioner (refer to the test report for detailed model numbers) on the PCB disassembly, motor disassembly, and fan disassembly is 5-star which is the highest of the rating scale.

EASY TO DISASSEMBLE

Fast Experience Infinite Possibilities

Optimizes the structure of the indoor unit of air conditioner by simplifying the disassembly of core components including PCB, motor and fan, making the maintenance and cleaning easier than ever before.

AIR CONDITIONER

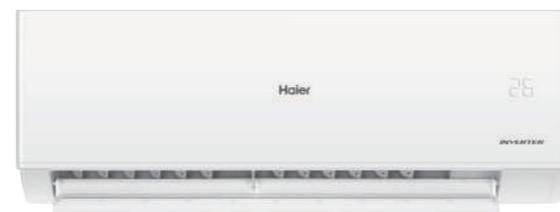


UV Cool



HSU-10VXA21/HSU-13VXA21

- Smart Clean
- I Feel
- Hyper PCB
- Easy To Clean
- WIFI Control

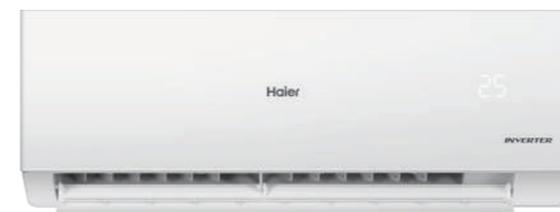


UV cool standard



HSU-10VQC22/HSU-13VQC22/
HSU-19VQC22/HSU-25VQC22

- Turbo Mode
- Nano Aqua Ionizer
- Anti-Corrosion
- Blue Fin
- 100% Copper



Clean Cool



HSU-10VQA22/HSU-13VQA22/
HSU-19VQA22/HSU-25VQA22

- Smart Dry
- Anti-Corrosion
- I Feel
- Hyper PCB
- Energy Saving



Clean Cool



HSU-10VQB22/HSU-13VQB22/
HSU-19VQB22

- Smart Dry
- Anti-Corrosion
- I Feel
- Hyper PCB
- Energy Saving

Model	Indoor		HSU-10VXA21	HSU-13VXA21
	Outdoor			
Capacity	W	W	2850	3750
	BTU/h	W	9720	12800
Power input	Cooling	W	740	1050
CSPF			5.50	5.50
Star Rating			5	5
Running current	Cooling	A	3.5	4.8
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50
Air circulation		m³/h	700	720
Moisture removal		10 ⁻³ m³/h	1.2	1.6
Refrigerant			R32	R32
Refrigerant pipe	Liquid side diameter	mm	6.35	6.35
	Gas side diameter	mm	9.52	9.52
Indoor				
Net dimension	W/D/H	mm	826/217/295	826/217/295
Package dimension	W/D/H	mm	882/278/352	882/278/352
Net weight		kg	10.5	10.5
Gross weight		kg	12.0	12.5
Noise		dB(A)	39/36/33/30	39/36/33/30
Outdoor				
Net dimension	W/D/H	mm	700/245/544	700/245/544
Package dimension	W/D/H	mm	819/320/592	819/320/592
Net weight		kg	21.5	23.7
Gross weight		kg	23.7	26.5
Noise		dB(A)	50	50
Max Pipe Length		m	15	15
Max Pipe Height		m	10	10
Chargless Piping Length		m	7.5	7.5
Amount of additional Refrigerant		g/m	20	20
Amount of Gas		g	550	650
Power Supply			indoor	indoor
Metering Device			capillary tube	capillary tube

Model	Indoor		HSU-10VQC22	HSU-13VQC22	HSU-19VQC22	HSU-25VQC22
	Outdoor					
Capacity	W	W	2784 (1231-3545)	3663 (1020-4000)	5420 (1410-5860)	6740 (1410-7030)
	BTU/h	W	9500	12500	18500	23000
Power input	Cooling	W	780	1160	1760	1930
CSPF			4.83	4.95	5.17	5.25
Star Rating			4	4	5	5
Running current	Cooling	A	4.2	6.3	8.0	8.8
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Air circulation		m³/h	680	700	800	1100
Moisture removal		10 ⁻³ m³/h	1.4	1.6	1.8	2.0
Refrigerant			R32	R32	R32	R32
Refrigerant pipe	Liquid side diameter	mm	6.35	6.35	6.35	6.35
	Gas side diameter	mm	9.52	9.52	12.70	12.70
Indoor						
Net dimension	W/D/H	mm	805/200/292	805/200/292	875/217/307	975/220/315
Package dimension	W/D/H	mm	874/270/363	874/270/363	945/296/390	1050/397/301
Net weight		kg	8.4	8.4	10.7	12.0
Gross weight		kg	10.5	10.5	12.5	14.0
Noise		dB(A)	40/37/33/29	40/37/33/29	46/42/38/32	48/45/41/38
Outdoor						
Net dimension	W/D/H	mm	695/245/430	700/245/544	800/280/550	816/306/642
Package dimension	W/D/H	mm	807/314/485	819/320/592	902/375/614	940/390/697
Net weight		kg	18.5	20.6	28.9	36.0
Gross weight		kg	22.0	23.0	31.2	40.0
Noise		dB(A)	50	51	52	53
Max Pipe Length		m	15	15	25	25
Max Pipe Height		m	10	10	15	15
Chargless Piping Length		m	5	5	5	5
Amount of additional Refrigerant		g/m	20	20	20	20
Amount of Gas		g	380	540	680	1150
Power Supply			indoor	indoor	indoor	indoor
Metering Device			capillary tube	capillary tube	capillary tube	Expansion Valve

Model	Indoor		HSU-10VQA22	HSU-13VQA22	HSU-19VQA22	HSU-25VQA22
	Outdoor					
Capacity	W	W	2784 (1231-3545)	3663 (1020-4000)	5420 (1410-5860)	6740 (1410-7030)
	BTU/h	W	9500	12500	18500	23000
Power input	Cooling	W	780	1160	1760	1930
CSPF			4.83	4.95	5.17	5.25
Star Rating			4	4	5	5
Running current	Cooling	A	4.2	6.3	8.0	8.8
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Air circulation		m ³ /h	680	700	800	1100
Moisture removal		10 ⁻³ m ³ /h	1.4	1.6	1.8	2.0
Refrigerant			R32	R32	R32	R32
Refrigerant pipe	Liquid side diameter	mm	6.35	6.35	6.35	6.35
	Gas side diameter	mm	9.52	9.52	12.70	12.70
Indoor						
Net dimension	W/D/H	mm	805/200/292	805/200/292	875/217/307	975/220/315
Package dimension	W/D/H	mm	874/270/363	874/270/363	945/296/390	1050/397/301
Net weight		kg	8.4	8.4	10.7	12.0
Gross weight		kg	10.5	10.5	12.5	14.0
Noise		dB(A)	40/37/33/29	40/37/33/29	46/42/38/32	48/45/41/38
Outdoor						
Net dimension	W/D/H	mm	695/245/430	700/245/544	800/280/550	816/306/642
Package dimension	W/D/H	mm	807/314/485	819/320/592	902/375/614	940/390/697
Net weight		kg	18.5	20.6	28.9	36.0
Gross weight		kg	22.0	23.0	31.2	40.0
Noise		dB(A)	50	51	52	53
Max Pipe Length		m	15	15	25	25
Max Pipe Height		m	10	10	15	15
Chargless Piping Length		m	5	5	5	5
Amount of additional Refrigerant		g/m	20	20	20	20
Amount of Gas		g	380	540	680	1150
Power Supply			indoor	indoor	indoor	indoor
Metering Device			capillary tube	capillary tube	capillary tube	Expansion Valve

Model	Indoor		HSU-10VQB22	HSU-13VQB22	HSU-19VQB22
	Outdoor				
Capacity	W	W	2784 (1231-3545)	3663 (1020-4000)	5420 (1410-5860)
	BTU/h	W	9500	12500	18500
Power input	Cooling	W	780	1160	1760
CSPF			4.83	4.95	5.17
Star Rating			4	4	5
Running current	Cooling	A	4.2	6.3	8.0
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Air circulation		m ³ /h	680	700	800
Moisture removal		10 ⁻³ m ³ /h	1.4	1.6	1.8
Refrigerant			R32	R32	R32
Refrigerant pipe	Liquid side diameter	mm	6.35	6.35	6.35
	Gas side diameter	mm	9.52	9.52	12.70
Indoor					
Net dimension	W/D/H	mm	805/200/292	805/200/292	875/217/307
Package dimension	W/D/H	mm	874/270/363	874/270/363	945/296/390
Net weight		kg	8.4	8.4	10.7
Gross weight		kg	10.5	10.5	12.5
Noise		dB(A)	40/37/33/29	40/37/33/29	46/42/38/32
Outdoor					
Net dimension	W/D/H	mm	695/245/430	700/245/544	800/280/550
Package dimension	W/D/H	mm	807/314/485	819/320/592	902/375/614
Net weight		kg	18.5	20.6	28.9
Gross weight		kg	22.0	23.0	31.2
Noise		dB(A)	50	51	52
Max Pipe Length		m	15	15	25
Max Pipe Height		m	10	10	15
Chargless Piping Length		m	5	5	5
Amount of additional Refrigerant		g/m	20	20	20
Amount of Gas		g	380	540	680
Power Supply			indoor	indoor	indoor
Metering Device			capillary tube	capillary tube	capillary tube

