Haier

Comfort Made Easier

AIR CONDITIONING

RESIDENTIAL
GENERAL
CATALOGUE

2022 / EU

Haier Air Conditioning

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Haier AIR CONDITIONING

Professional Smart
& Healthy Air Solutions Provider

OUR VISION

To be a recognized leader in global HVAC industry by innovation in technology, product and business model.

OUR MISSION

Through our innovation in smart control, air quality, heating & cooling performance, and service to ensure comfort made easier.

Haier BRAND STORY

The Internet era is a diverse and unconventional time, where one-size-fits-all products or solutions are simply not enough. Consumers want to be treated as individuals and respected for who they are.

Everyone wants their unique lifestyle acknowledged. That is why Haier listens closely to you in order to gain genuine understanding of what is going on in your life and what is on your mind. So each of you can get the smart home experience you deserve: be it simple, sophisticated, organized and enjoyable.

As a worldwide industry leader, Haier innovates beyond products and solutions, and turns the organization into a wholly connected platform. In doing so, internal and external resources are connected quickly and easily. We believe only by doing so, we can best meet our consumers' expectations in this rapidly evolving world.

Be part of the Haier network, create new possibilities.

CONTENTS

Haier GLOBAL POSITION

WORLD'S NO.1 MAJOR APPLIANCES BRAND

Haier achieved 12-year global No.1 in major household appliances by retail sales from 2009-2020, according to data from Euromonitor.

WORLD'S NO.1 SMART AC BRAND

Haier has been world's No.1 connected air conditioner brand (including smart ACs), with a market share of 31% by retail sales in 2020, according to data from Euromonitor.

TOP 100 GLOBAL CHALLENGERS

Boston Consulting Group (BCG) released the list of "2018 top 100 global challengers", with 25 Chinese companies including Haier on the list.

FORTUNE'S MOST ADMIRED COMPANIES

Haier Smart Home was named one of Fortune's most admired companies in the world for 2019 and is the only appliance company from Asia to receive this award.

TOP 100 MOST VALUABLE BRANDS

Haier, the world's only IoT ecosystem brand on the list for two consecutive years.

FORTUNE GLOBAL 500

In 2021, with the global landing of the Smart Home ecosystem brand, Haier Smart Home was once again listed on the Fortune Global 500, moving up 30 ranks compared to last year.

Haier GLOBAL NETWORK

Haier owns 10+N R&D centers, 25 industrial parks, 122 factories, 106 marketing centers, and sales networks in over 160 countries and regions.
Haier boasts 7 major household appliance brands globally: Haier, Casarte, Leader, AQUA, Fisher&Paykel, GE Appliances and Candy. They constitute Haier's global brand cluster that provides the best experience for different consumer groups in different regions across the globe.


GEA Factory

CANDY Factory

Russia Factory

Russia Second Phase

Thailand Factory

Nigeria Factory

Indonesia Factory

Pune(India) Industrial Park

Greater Noida(India) Industrial Park

FPA R&D Center

Vietnam Factory

Global No.1*10 Years

Top 100 Global Brand

10+N R&D Centers

106 Marketing Centers

25 Industrial Parks

122 Factories

160+ Countries or Regions

Haier AC MILESTONES

1984
Founded in Qingdao, China.
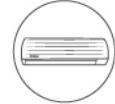
1993
Launched China's first inverter AC.

1994
Acquired ISO9001 certification.

1996
Launched China's full range of light commercial.

1999
Started exporting AC to the U.S.

2014
Established new AC R&D center.

2015
Established IoT-based AC factory.

2016
Acquired GE Appliances.

2018
Acquired Candy, and launched Jade series.

2021
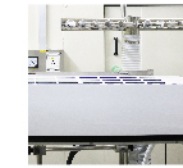5-running-year global No.1 connected AC brand.

Haier AC
R&D CENTER

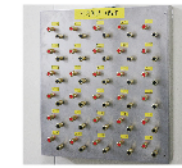## R&D Labs

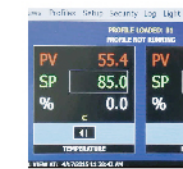|			
Comfort Test	Rainfall Test	Performance Test	Safety Test
Noise Test	EMC Test	Snow Test	Sunshine Test
Reliability Test	Humidity Test	Double 85 Test	Drop Test

Global Certification

Haier & Mitsubishi Joint Laboratory

Haier & Highly Joint Laboratory

05   06

Haier AC
MANUFACTURING
CAPACITY

In China, Haier owns 8 air conditioner factories, 1 of which is MHAQ, a JV between Haier and Mitsubishi Heavy. Besides China, Haier runs another 8 overseas air conditioner factories. These factories have a total production capacity of over 27.2 million units per year.

MHAQ   Dalian   Jiaozhou   Huangdao

Chongqing   Wuhan   Hefei   Zhengzhou

Algeria   Nigeria   Tunisia   Pakistan

India   Bangladesh   Thailand   Vietnam

Haier AIR SOLUTIONS

Comfort Made Easier

ULTIMATE HEALTH

ULTIMATE SMART

ULTIMATE COMFORT

ULTIMATE FIT

ULTIMATE HEALTH

Always Clean, Always Cool

Air pollution is becoming widespread in emerging economies. Long exposure to polluted air threatens our health. When you breathe, pollutants such as PM2.5 are inhaled. They cause discomfort, and may lead to lung or heart disease. Besides, there are numerous allergen- & asthma-suffers worldwide who are vulnerable to pollen, mold spores, smoke, gases and chemicals. They need cleaner air to have the peace of mind. In 2020, the Covid-19 pandemic has brought large-scale disruption to our lives. The healthy air for us to breathe becomes more important to us than ever before.

Haier has been dedicated to healthy air innovations over the past years. With our advanced technologies, we keep our air conditioner clean all the time, and ensure the airflow blowing out is always healthy for us.

Maintain AC Clean

Self-Clean   56°C Steri-Clean   Self-Hygiene   Easy to Clean

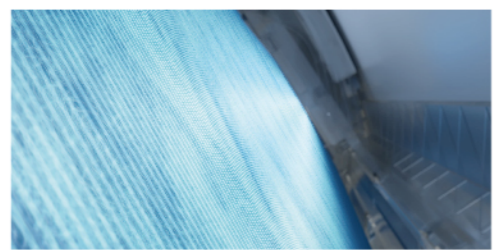**Deliver Healthy Air**

UVC Sterilization   Puri-Clean   IFD Sterilization   Nano-Aqua Sterilization

Ultimate Health Feature I
MAINTAIN AC CLEAN

SELF-CLEAN

Freezes the evaporator with moisture in the air, and removes away dirt in melting, ensuring healthy air that comes out of air conditioners.
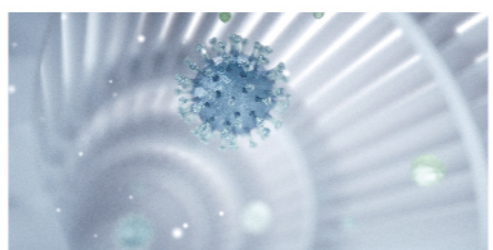
56°C STERI-CLEAN

Kills bacteria and viruses by heating the evaporator to 56°C high temperature for 30 minutes.

SELF-HYGIENE

Applies silver nanoparticles into components where air circulation flows through to kill molds and bacteria that threaten our health.
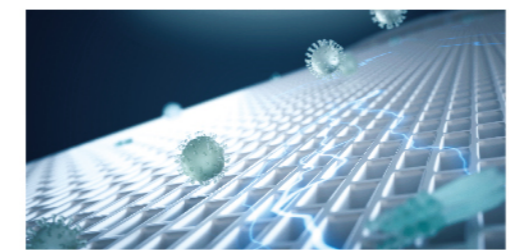
EASY-TO-CLEAN

Marks another monumental step in the upgrade of healthy air innovations that ensures clean airflow out of air conditioner by allowing you to easily take out fan and filter for deep cleaning.

Ultimate Health Feature II
DELIVER HEALTHY AIR

SUPER-IFD

Absorbs and kills virus and bacteria in field with efficiency up to 99%.
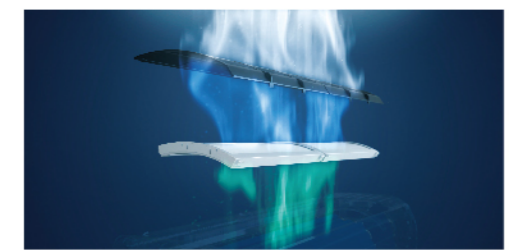
PURI-CLEAN

Utilizes advanced IFD purification filter to remove all kinds of airborne pollutants and allergens with efficiency up to 99.9% while enjoy comfortable air conditioning.
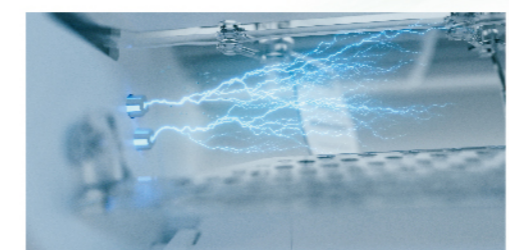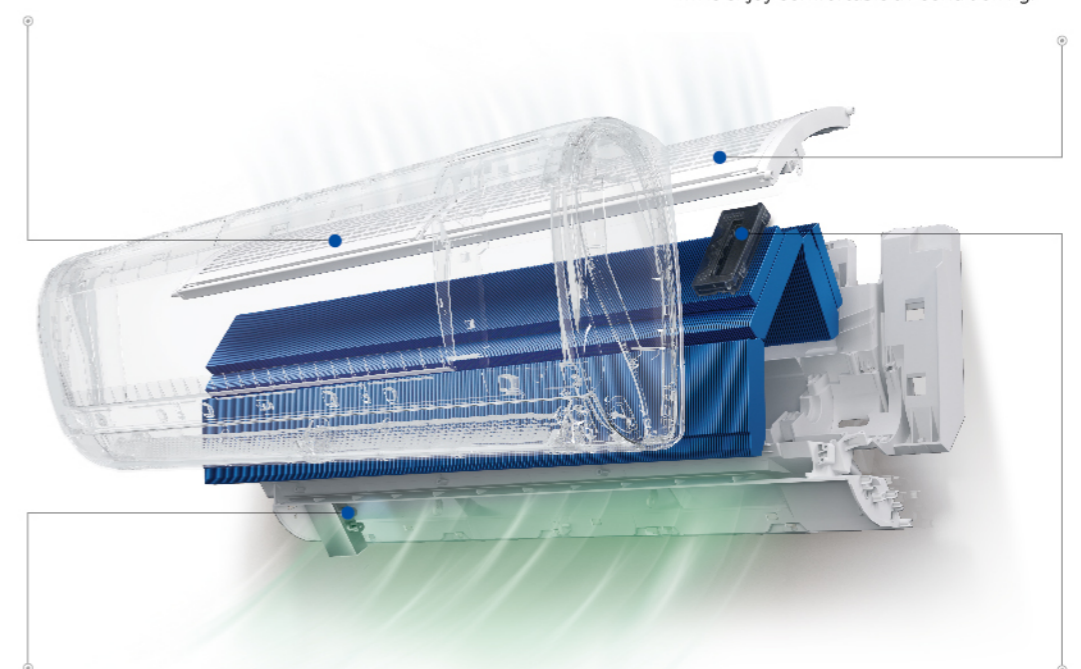
NANO-AQUA STERILIZATION

Ionizes the air and releases positve and negative ions to sterilize the air with efficiency up to 97.5%.

UVC STERILIZATION

Emits UV light to sterilize the air passing through with efficiency up to 99.998%.

SELF-CLEAN

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 coming through the air conditioners. It also reduces air conditioning efficiency by 15-30%.

Cold Expansion Technology

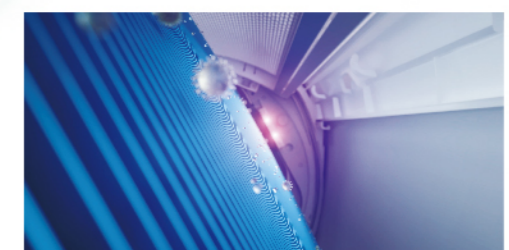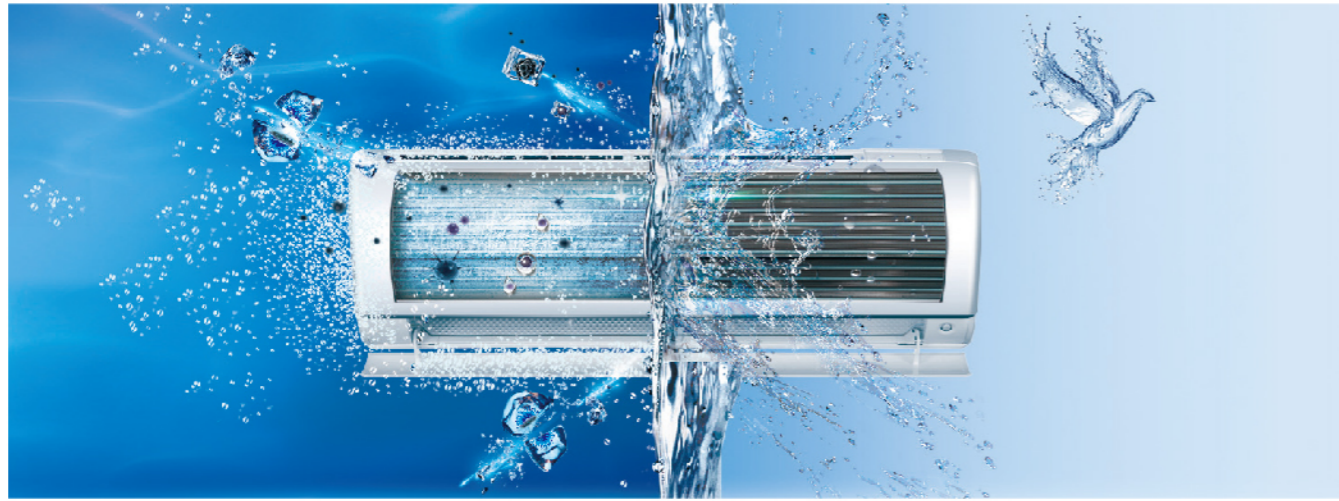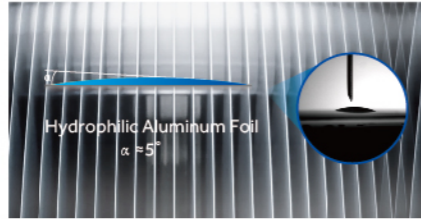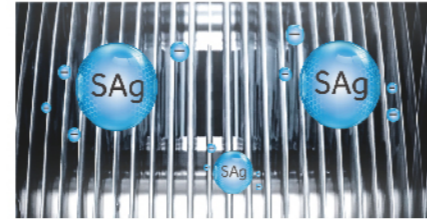Frost on the evaporator/condenser generates strong cold expansion force that can easily peel off dirt on the surface.

Express Washing Technology

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

Anti-bacteria Technology

The coating on the aluminum contains silver nanoparticles that kill bacteria and inhibit their growth with up to 99% efficiency.

BENEFIT

Cleaner, More Efficient Air

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

Saving Cleaning Cost

Manual cleaning from service technicians costs a lot of money. It allows you to clean your AC regularly with a simple tap on your controller.
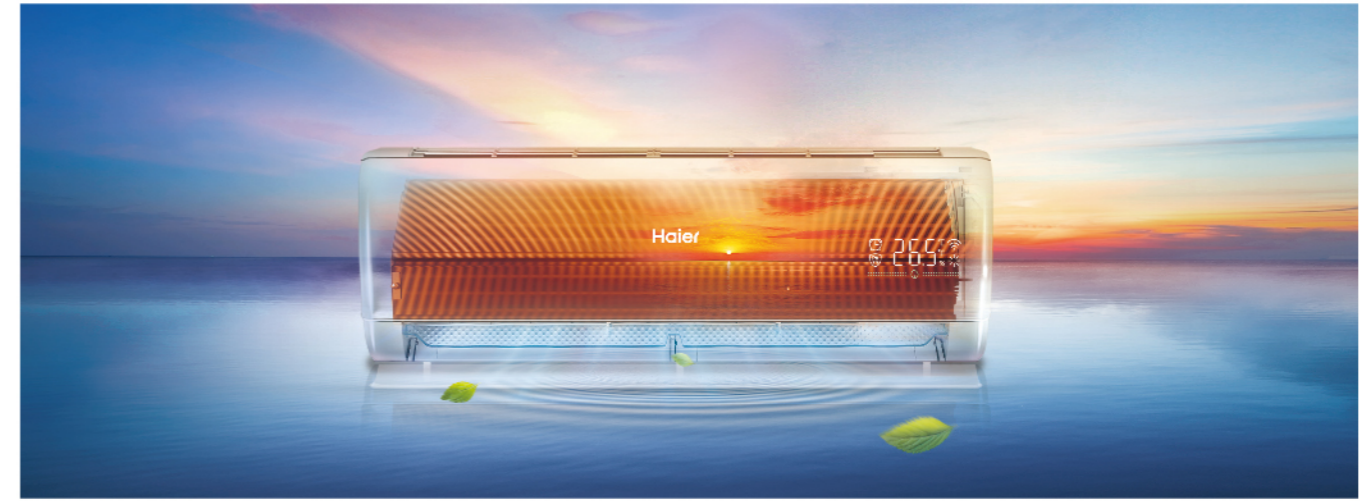
TUV Certification*

56°C STERI-CLEAN

Kills bacteria and viruses by heating the evaporator to 56°C high temperature for 30 minutes.

TECHNOLOGY
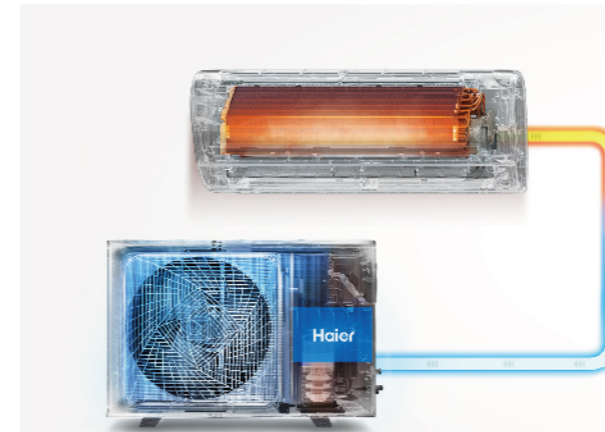
Smart Frequency Control

It intelligently adjusts the compressor frequency to control the coil temperature and then maintains the evaporator at 56°C high temperature.

High Temperature Sterilization

Almost no bacteria and viruses can survive at 56°C for 30 minutes based on latest research. Once the heating process is done, the evaporator is cooled down instantly to achieve better sterilization performance.

BENEFIT

Delivering Healthier Air

56°C high temperature sterilization dries the components inside, and kills bacteria and viruse, ensuring healthy air coming out of air conditioner.

Easy-to-Operate

The function is available via Haier Air 2 app, and you can turn it on with just a simple tap.

SGS Certification*

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*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)
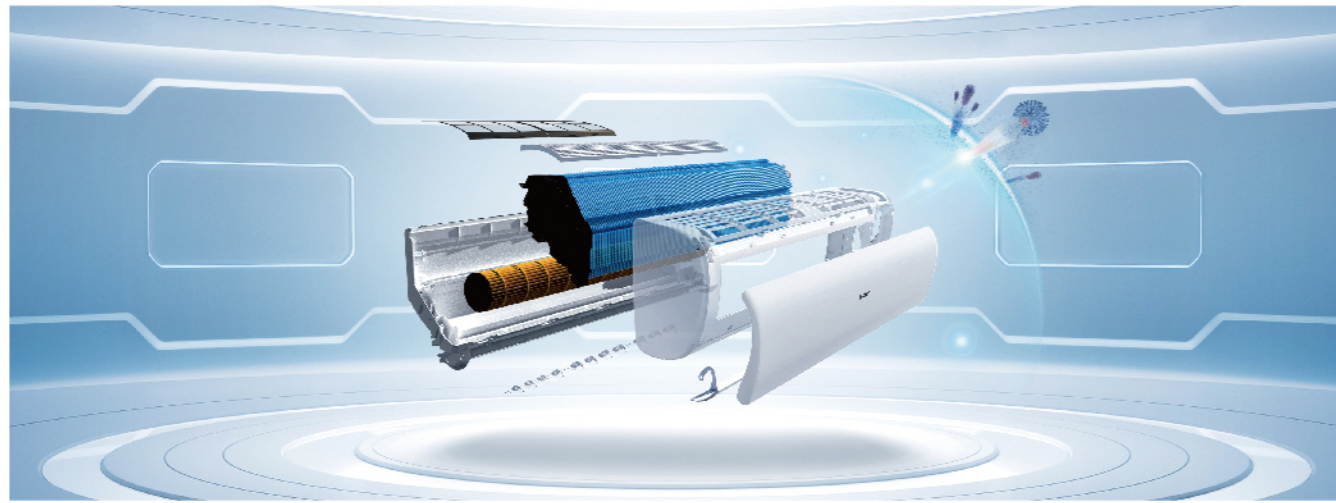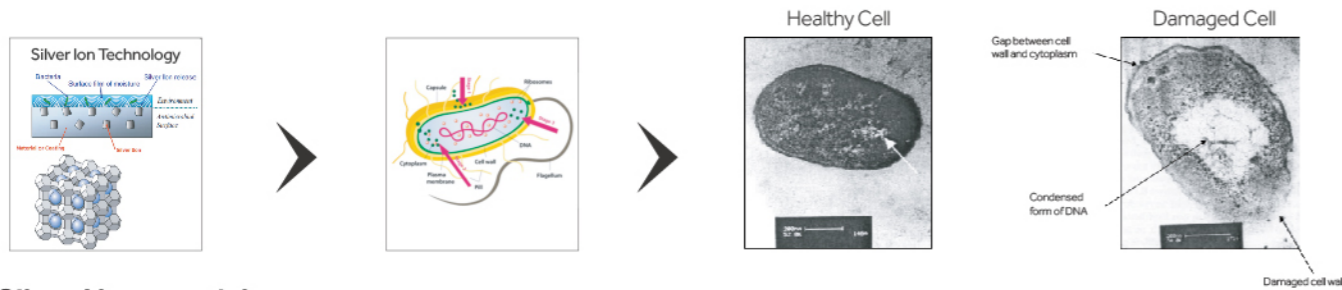
*The Verification of 56°C Sterilization with a Duration of 30 Minutes is tested on model AS09JBJHRA/1U09MEJFRA by SGS. The test report shows that the measured temperature of evaporator surface and heat exchanger is higher than 56°C for over 30 minutes.

SELF-HYGIENE

Applies silver nanoparticles into components where air circulation flows through to kill molds and bacteria that threaten our health.

TECHNOLOGY

Silver Ion Technology

Healthy Cell

Damaged Cell

Gap between cell wall and cytoplasm

Condensed form of DNA

Damaged cell wall

Silver Nanoparticles

Molds and bacteria are widespread in the room air. They compromise air quality and cause diseases. When air conditioner is turned on, fan blows, and then dirt is attached to the components of the indoor unit. These elements lead to the growth of mold and bacteria.
Silver nanoparticles continuously release a low level of silver ions to provide protection against molds and bacteria.

Indoor fan. Integrated bottom frame with drain pan

BENEFIT

Blowing Healthier Air

Molds and bacteria are no longer able to grow on the components where air flows through, and silver ions bring no harm to human body. Thus, the air comes out of the air conditioner is always healthy.

Saving Cleaning Cost

Regular cleaning and sterilization is necessary to keep the surface inside clean. It saves the cost from sending for service technicians to do the cleaning.
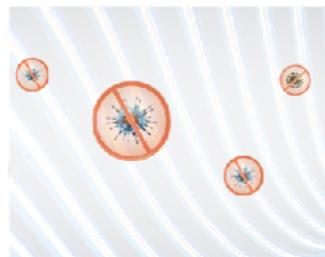
Maintaining AC Clean

It could effectively inhibit 6 kinds of molds; anti-mold class reaches 0 Grade (-None). The application of silver nanoparticles into components where air circulation passes through eliminates bacteria and mold with efficiency up to 99.9%.

SGS Certification*

*Based on SGS Anti-Bacterial and Anti-Fungi Tests on samples of AS+GF30 Antibacterial, ABS-HRABS-RS (White), PP-HR-2037 (White), and PS-HG-3001 (White), which are applied into models with Self-Hygiene technology, the report shows that anti-bacterial efficiency is 99% and anti-fungi efficiency is 0-Grade.

EASY-TO-CLEAN

Marks another monumental step in the upgrade of healthy air innovations that ensures clean airflow out of air conditioner by allowing you to easily take out fan and filter for deep cleaning.

TECHNOLOGY

Easy Access Fan & Air Duct

- Open the front panel
- Detach the bottom cover
- Unplug the terminals and take out the motor and fan

BENEFIT

Keeping AC Cleaning

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

Saving Cleaning Cost

The innovative design improves the disassembly of the AC dramatically. It saves a lot of time and money if you do it on your own.

### 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 the rating scale.

PURI-CLEAN

Utilizes advanced IFD purification filter to remove all kinds of airborne pollutants and allergens with efficiency up to 99.9% while enjoying comfortable air conditioning.
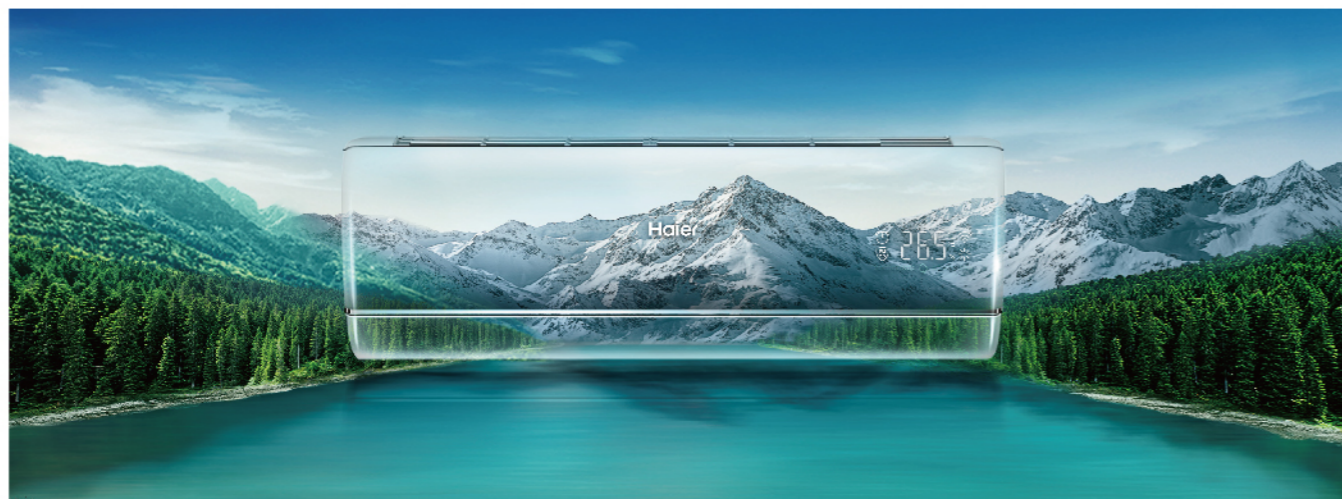
TECHNOLOGY
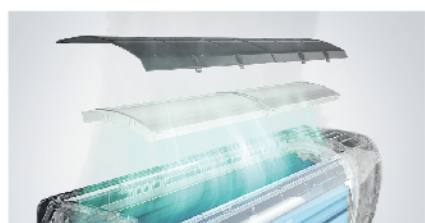
Super IFD Filter

The advanced filter mesh comprises of 6818 ventilation holes with contact surface as large as 8180cm². When the air purification is turned on, static electricity is generated to absorb airborne hazards.

Smart Air Quality Sensor

High definition sensor installed in the air inlet detects dust and allergens in the air and displays real-time information on the screen. When the air quality is good, the indicator is green. When poor, it turns red to alert.
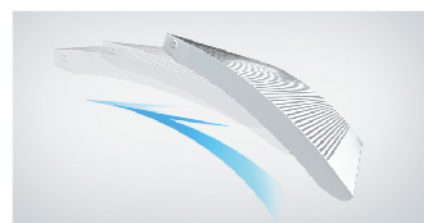
Convertible Design

The IFD filter is in the front of evaporator under normal conditions. When the room air quality is identified as poor and air purification is switched on, the IFD filter moves upwards to cover the whole air inlet.

BENEFIT

Powerful Air Purification

The CADR (clean air delivery rate) is up to 300m3/h on 18K models. It enables the air conditioner to clean the whole room air within 15 minutes, which is the same performance as professional air purifier.

TUV*/Intertek** Certification

*The Verification on Air Purification Performance of Air Conditioner with IFD Purify Technology is tested on model AS18JD4HRA by TUV Rheinland. The test report shows that the CADR is 300m³/h.
**The Purifier Efficiency Test Report is tested on model AS35JBJHRA-W by Intertek. The test report shows the air conditioner is capable of removing smoke, dust and pollen.

SUPER-IFD STERILIZATION

Absorbs and kills viruses and bacteria in field with efficiency up to 99%.

TECHNOLOGY
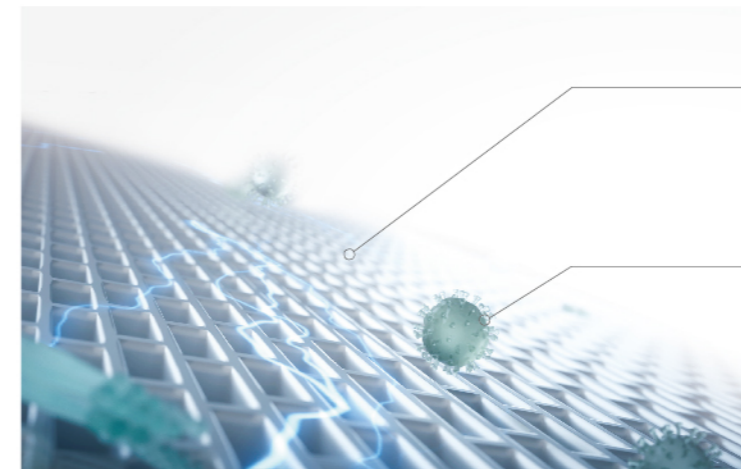
Powerful Static Electricity Absorption

IFD filters owe their exceptional efficiency to the creation of a powerful electrical attraction between airborne particles and the interior surfaces of the filter. To achieve this, the particles are given a positive or negative charge before they enter the filter.

Efficient Sterilization

IFD filter is highly effective at capturing and trapping microbes such as germs, bacteria, viruses, molds, etc. It captures up to 99.99% of airborne particles that are 0.3 microns in diameter, which is smaller than virtually all viruses, bacteria and spores.

BENEFIT

Deliver Healthy Air

Super-IFD Sterilization can efficiently kill airborne bacteria & mold and effectively filter out anaphylactogen such as pollen, dust (PM2.5 & PM0.3).
Sterilization Rate: > 99%

Easy-to-Clean

The IFD filter is in detachable design. When the filter is dirty after long-time usage. It can be reused after washing instead of costing extra money to buy a new one.

SGS Certification*

* The Bacterial Removal Rate of Staphylococcus Albicans and Escherichia Coli is tested on model AS25JBJHRA-W by SGS. The test report shows that the bacterial elimination rate is up to 99.3%.

NANO-AQUA STERILIZATION

Imagine that you are in the forest, and then take a deep breath. That's refreshing and cheerful. Haier Nano-Aqua Sterilization technology revives that feeling even when you stay indoors.

TECHNOLOGY

Highly Efficient Ionizer

Water molecular in the air is ionized into 60mn positive and negative ions in the size of 5-20nm and being released into the air. The ionization draws out radicals significantly in the moisture air to further interact with odorous substance, so it can restore a fresh environment.

Meanwhile, these ions bond together with bacteria and viruses to inhibit the spread of airborne hazards with efficiency up to 97.54%.

BENEFIT

Deliver Refreshing Air

Nano-aqua sterilization increases negative ions in the air that significantly improves the air quality to ensure your fresh breath.
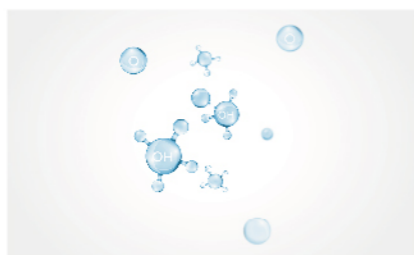
Keep Comfortable Humidity

The ions effectively retains your skin moisture to keep your skin smooth and glowing. It gives your better way to enjoy higher quality of life.

Intertek Certification*

UVC STERILIZATION

The built-in LED UV light kills airborne hazards when the air circulates from air inlet, and delivers healthy air to your room.
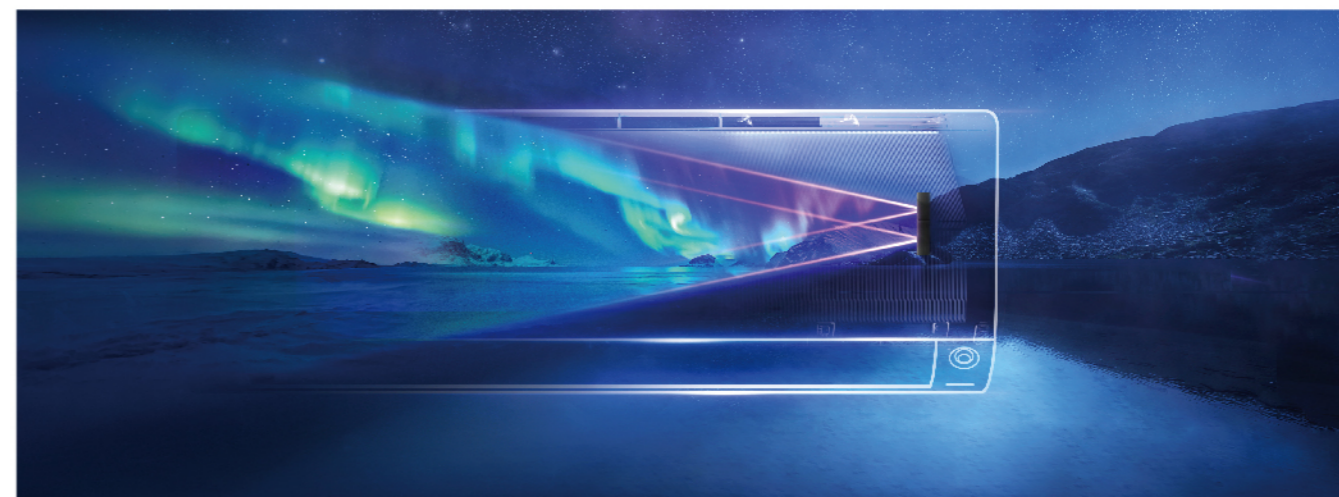
TECHNOLOGY

UVC Wavelength

UVC is the shorter, and more energetic wavelength ranging from 200-280nm of the sunlight spectrum. It is particularly efficient in destroying genetic material.

Built-in UV Lights

The UV lights emit rays near the air inlet where room air circulates into the AC. The airborne hazards are instantly get killed when passes through the area.

Safety Lock

When the front panel is open, the air conditioner will automatically turn off the UVC lights. It avoids potential risks that human bodies get directly exposed.

BENEFIT

Safe, Reliable Operation

It eliminates the airborne hazards, with no harmful chemicals, no residuals, and no burden to the environment.
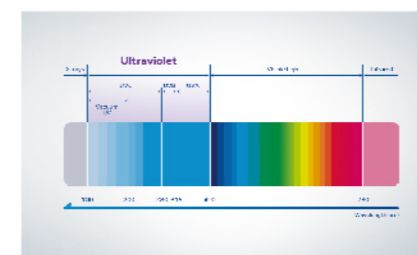
Efficient Sterilization

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

Texcell Certification*

ULTIMATE SMART

Embrace the Connected Future

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Recent years have seen the rapid development of telecommunication and IoT technology. Now there is few you can't do with just simple taps of your fingers on your smartphones. Smart appliances become the new household trend where Haier has taken the lead. With smart functions, you can customize the services on your needs, control your air conditioner from anywhere and anytime, and so much more.

Since earlier exporting to Italy in 2013, we are selling smart air conditioners to over 130 countries and regions, with sales volume exceeding 25mn units globally. As of March, 2021, Haier has been the world's No.1 connected AC brand for 5 years in a row with a market share of 31%, according to Euromonitor International, a world's leading market research agency.

Voice Control   WiFi Control   Eco Sensor

VOICE CONTROL

Even though you have the control in the palm of your hand, you don't always have a hand to spare. With Haier smart air conditioners, you will be able to have hands-free voice control.

TECHNOLOGY

External Voice Module

The socket-shaped module bridges you and your air conditioner via your voice. Just talk to it and get things done when you don't find your remote controller.
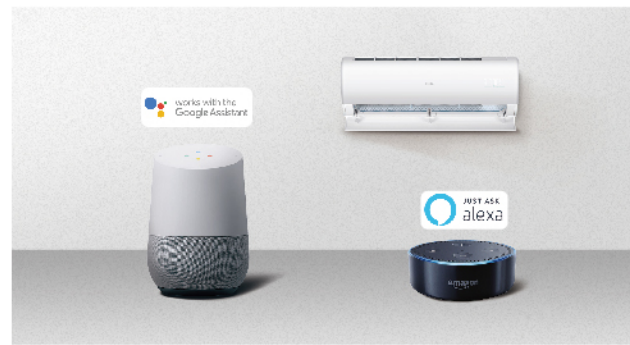
Third-Party Speakers

Google Assistant and Amazon Alexa allows you to interact with your air conditioner in a more intuitive way using voice.

BENEFIT

Intuitively Hands-free Control

Here are some of the ways you talk to Alexa to control your Haier smart air conditioners.

Turn on/off the air conditioner.	Set the air conditioner to heat/cool/smart mode.
Is the air conditioner on/off?	What mode is the air conditioner set?
Set the air conditioner to 20 degree.	Set the air conditioner to low/medium/high/auto speed.
What is the temperature set on air conditioner?	What is the air conditioner speed?

WI-FI CONTROL

Imagine when you're hurrying back to your home in hot summer, or lying on the sofa at home but cannot find the remote controller. What you want is easily accessible control to your air conditioner from anywhere and anytime with Haier Smart Air 2 app on your phone or tablet.

TECHNOLOGY

WiFi Module

BENEFIT

Customized Service

Here are some of the functions you can enjoy with "hOn" app.

Group Control
Control multiple units with only one smart phone in hand.

Smart Reminder
Sends regular notifications to user to clean the filter mesh.

Weekly Timer
Sets temperature and fan speed for the week to come.

Error Alert
Error code is shown on the app when it malfunctions.

Convenient Control
Controls air conditioner from anywhere and anytime via network.

Custom Program
One button for user DIY program

Voice In APP
Built-in voice control makes convenience for the interaction.

Holiday Mode
Setting holiday mode with one touch, just enjoy without worrying.

Energy Consumption
Know your electricity consumption in real time

ECO SENSOR

Detects the room air conditions and human activities in real-time monitoring. The air conditioner switches working mode based on detection to improve energy efficiency and enhance user experience.

TECHNOLOGY

Exclusive Experience

Larger area detection and precise location of human body guarantee best experience to users.
Light sensor detects any change in light intensity. When the night falls or light is turned off, the air conditioner is turned into "sleep" mode.
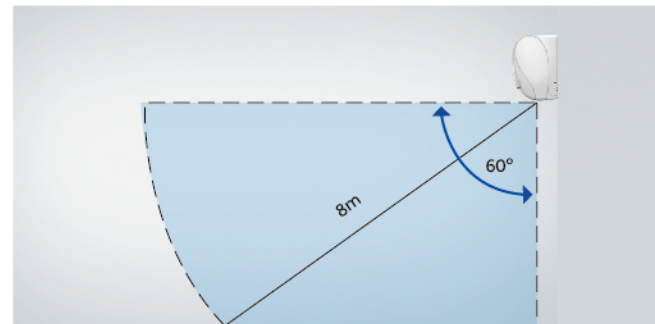
Vertical Sensing Area
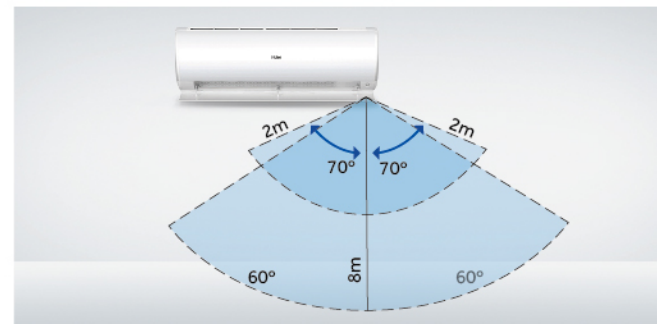
Horizontal Sensing Area

BENEFIT

Comfortable Experience

If there is people in the A area, the airflow will follow the people in A area when the FOLLOW mode is turned on.
If there is people in the B area, the airflow will avoid direct contact with the people in B area when AVOID mode is turned on.
If there are people identified in both A and B area, the air conditioner will automatically enter into left/right Swing mode.
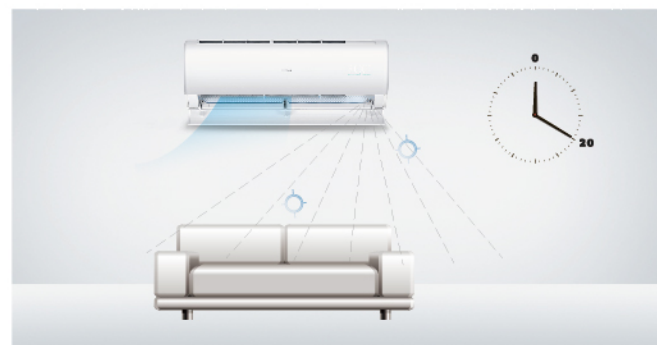
Energy-Saving

Eco sensor intelligently recognizes the existence of human bodies in the room. When the room is empty, the air conditioner is switched to energy-saving mode in 20 minutes.

ULTIMATE SMART

Embrace the Connected Future

ULTIMATE COMFORT

Care for Your Experience

As the constant advancement of air conditioning innovations, basic cooling and heating can no longer meet the evolving consumer demands. Haier provides the most comfortable air conditioning experiences to users.

The PID inverter technology enables air conditioner to reach desired temperature much quicker, and maintain it 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. We also provide whispering air conditioning that is quiet to 15db (A), and so much more.

Hyper PCB

Inverter PLUS

Anti-Corrosion

Coanda Plus Airflow

I Feel

Whispering Air

HYPER PCB

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

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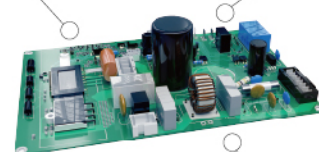
Smart Power Module
Built-in high definition temperature sensor controls the working efficiency of the compressor to achieve superior cooling and heating performance.

BENEFIT

More Stable
The PCB works stably between 130V-264V, It can start at the minimum of 130V. 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.

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.

TECHNOLOGY
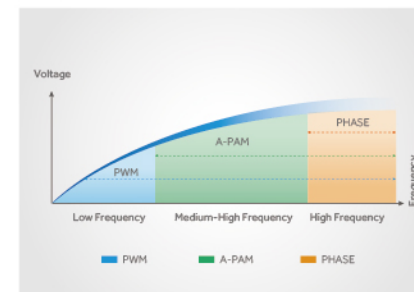
TLFM Inverter Control
TLFM, or Triple Linkage Frequency Modulation, inverter control utilizes 3 different voltage controls to manage the optimal operation efficiency at every frequency phase.
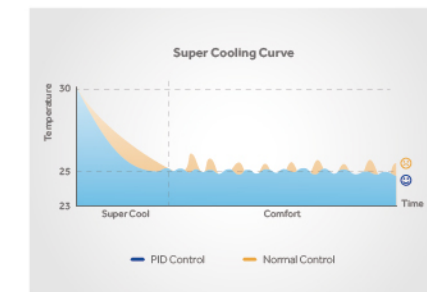
PID Inverter Control
PID, or Proportion Integration Differentiation, inverter control maximizes the working frequency before reaching the desired temperature, and after that, constantly makes real-time adjustments to match room air temperature with the desired temperature.
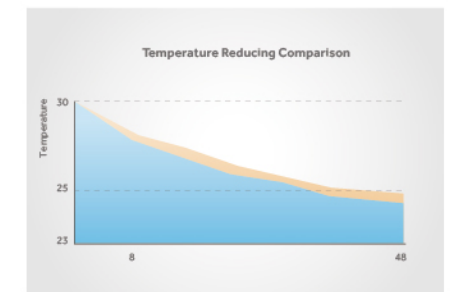
A-PAM Inverter Control
A-PAM, or Adoption-Pulse Amplitude Modulation, inverter control automatically adjusts DC bus voltage in accordance with the compressor load, to increase operation voltage range.

BENEFIT

Energy-Saving Performance
Inverter Plus achieves high working efficiency at all frequency phases. The cooling/heating performance is much faster and more powerful.
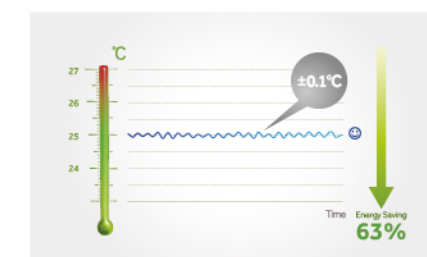
Cool, Comfortable Airflow
When the air conditioner is on, Inverter Plus reaches desired temperature much quicker than the conventional, and then maintain it with ±0.1℃ precise temperature control.

Reliability
The working voltage range is 130V-264V. It can start at the minimum of 130V. In remote areas, users can enjoy cool air despite power fluctuations.

ANTI-CORROSION

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.

BENEFIT

More Durable
The anti-corrosive design increases the durability of the AC, and saves our money from sending for service technicians.

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

COANDA PLUS AIRFLOW

Makes the wind out of the air conditioner further, faster, and stronger, so that the cool air can be evenly delivered to every corner of the room.
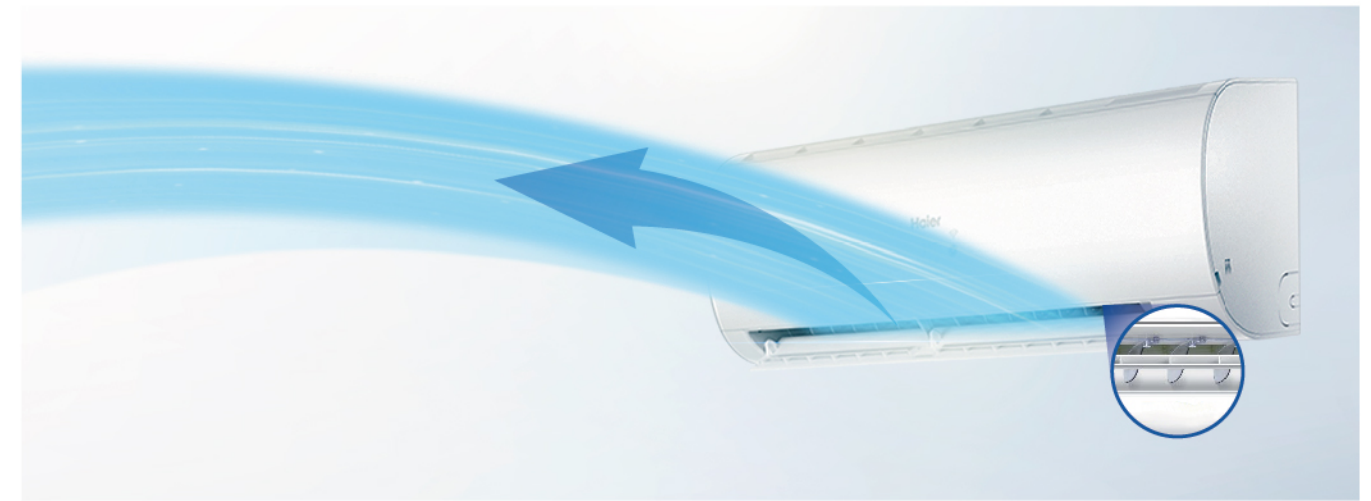
TECHNOLOGY

The Triple Airflow, made up of 3 parts under micro-perspective, delivers superior cooling experience to every corner of your room.
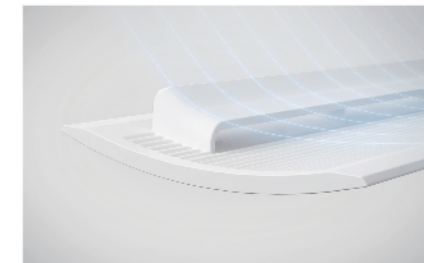
Wind direction changed
The application of the dual-blade curve creates the unique Archimedean spiral that directs the cold airflow upwards by 35 degrees from the horizontal.
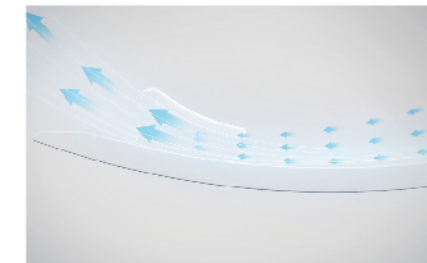
Wind speed pushed up
The Venturi effect generates strong pressure when cool airflow goes through the space in-between the dual-blade air deflector to make the airflow speed as high as 11m/s.
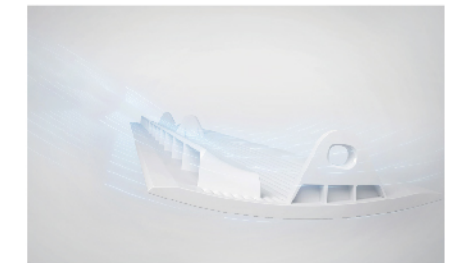
Airflow centralized
The airflow below the air deflector, absorbed tightly by the negative pressure generated by the faster airflow in-between, joins the main airflow and makes it even more stronger.

BENEFIT

Faster, Stronger Cooling
The airflow is evenly dispersed from the ceiling to the floor of your room. It's faster and more comfortable.

Superior Cooling Experience
The airflow circulates to every corner of your room. There is no big temperature difference inside your room where you can enjoy superior cooling experience.

*The Wind-Free experience is limited to restricted conditions that user should within the area 3m*1.8m next to the air conditioner, and may vary on different circumstances.

I FEEL

Detects the temperature around you with the remote controller no matter where you are in the room. So the air conditioner will optimize its operation based on the information to provide better air conditioning experience.

TECHNOLOGY
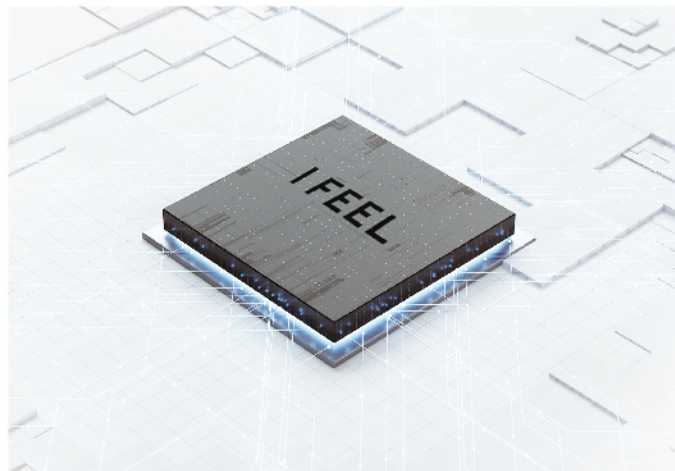
The performance of air conditioner may vary in different working conditions. If the room temperature is higher/lower than expected, you will feel uncomfortable. I FEEL is the least Haier can design but matter the most to your experience.

Built-in Temperature Sensor

With the high definition temperature sensor built inside, the remote controller of the air conditioner can precisely monitor the temperature around.

Easy Control

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

BENEFIT

Comfortable Experience

The function optimizes the working conditions of air conditioner to deliver airflow at the best temperature that you need.

WHISPERING AIR

Have you ever disturbed by a noisy air conditioner humming all day and all night? In hot summer, powerful air conditioning is simply not enough. Quiet operation is equally important to have the inner peace of mind. Just enjoy both of them with Haier whispering air quiet to its lowest level of 15dB in mute mode.*

TECHNOLOGY
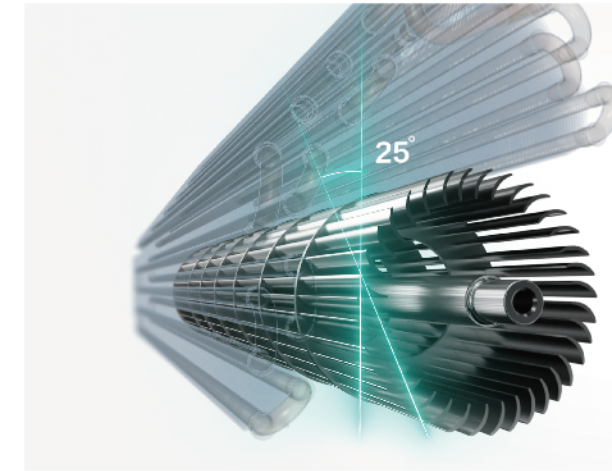
Optimized Air Duct

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 reduce the noise.

Optimized Cross Flow Fan

The inclination angle of the fan is optimized to 25° to make sure the air flow more concentrated to minimize the noise.

Special Electronic Control

The special electronic control system uses A-PAM DC inverter technology and DC fan motor. It provides high static pressure capability to minimize the operation noise of the indoor unit.

BENEFIT

75 dB(A) 10 meter away from the car	46 dB(A) AC outdoor unit	20 dB(A) The night in the country
50 dB(A) Normal conversation	30 dB(A) Desert night	15 dB(A) Whispering air
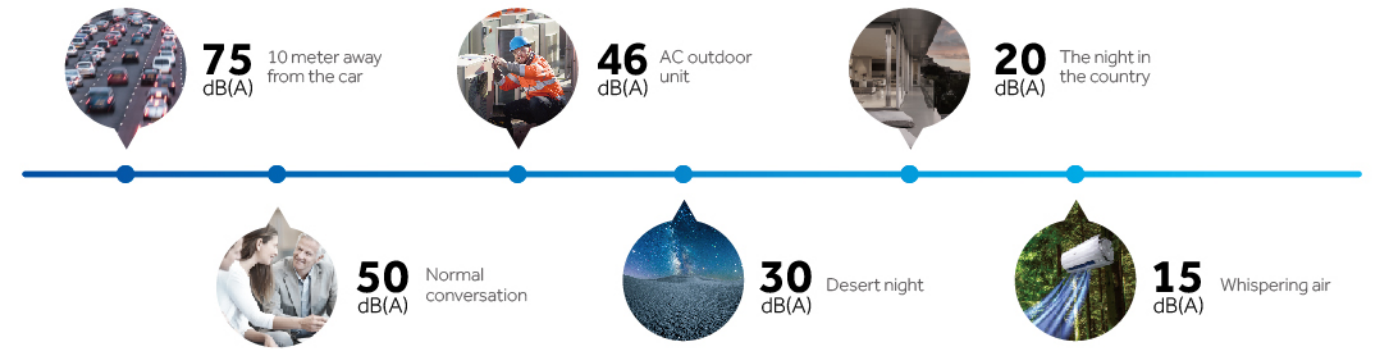
Quiet, Cool Air

*15dB(A) whispering air is even quieter than your imagination. While the air conditioner is working, you don't notice its existence. Therefore, you can concentrate on what you're doing.

ULTIMATE FIT

Flexibility with Ease

___

Easy installation concerns a lot to installers' working efficiency, and it means more income to them during peak season. Haier Flexis air conditioner is truly easy to install with various optimized components. The optimized wall mounting plate gives detailed information for quick installation. Extended kickstand facilitates the installation with larger operation space. Meanwhile, it's easier to dismantle and maintain the air conditioner with easy access fan motor and control board.

Easy to
Install

Easy to
Disassemble

EASY-TO-INSTALL

Concerns a lot to installer's working efficiency, and means more income to them during peak season as well. Haier air conditioner is truly easy to install with various optimized components.

TECHNOLOGY

Optimized Mounting Plate
Positioning specifications help fix the mounting plate and hang air conditioner at proper position.

Extended Kickstand
Makes the installation easy with larger operation area.

Optional Drain Piping
Offers left/right 2 drainage piping directions that give more flexibility to installation.

48%

Wider Tubing Space
Saves installation time with larger operation space for piping and wiring.

Detachable Bottom Cover
Helps open the bottom to connect piping and wiring without using screw driver.
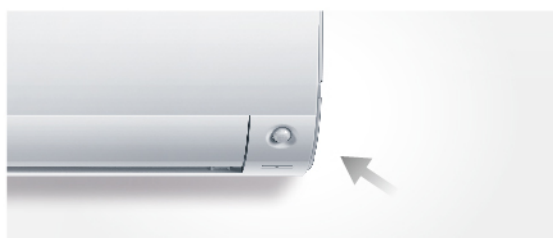
External Switch
Turns on/off the air conditioner to check the working conditions without using remote controller.

EASY-TO-DISASSEMBLE

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.

TECHNOLOGY
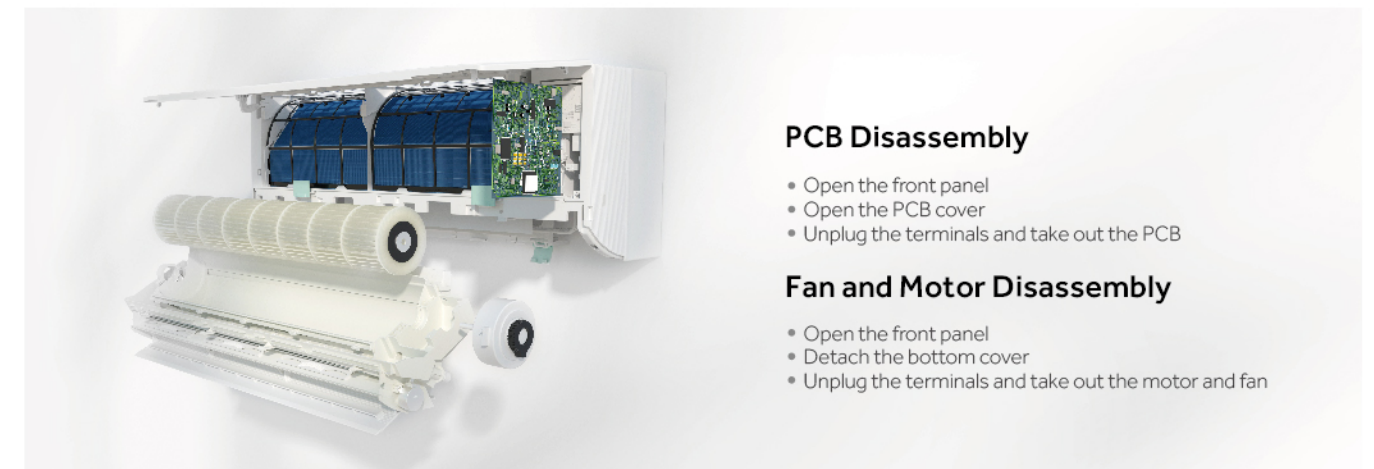
PCB Disassembly
- Open the front panel
- Open the PCB cover
- Unplug the terminals and take out the PCB

Fan and Motor Disassembly
- Open the front panel
- Detach the bottom cover
- Unplug the terminals and take out the motor and fan

BENEFIT

80%

90%

95%

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.

FEATURE GUIDE

Ultimate Health

	Self-Clean	Freezes the evaporator with moisture in the air, and then removes away dirt in melting, ensuring clean air out of the air conditioner.
	56°C Steri-Clean	Kills bacteria and viruses by heating the evaporator to 56°C high temperature for 30 minutes.
	Self-Hygiene	Applies silver nanoparticles into components where air circulation flows through to kill molds and bacteria that threathen our health.
	Easy to Clean	Marks another monumental step in the upgrade of healthy air innovations that ensures clean airflow out of air conditioner by allowing you to easily take out fan and filter for deep cleaning.
	Puri-Clean	Utilizes advanced IFD purification filter to remove all kinds of airborne pollutants and allergens with efficiency up to 99.9% while enjoy comfortable air conditioning.
	IFD Sterilization	Absorbs and kills virus and bacteria in field charging with efficiency up to 99%.
	UVC Sterilization	Emits UV light to sterilize the air passing through with efficiency up to 99.998%.
	UVC Pro	Inhibits the reproduction of bacteria and sterilizes virus breaks down hydron and oxygen molecule and generates ionic group which inhibits bacteria and sterilizes virus after contacting. Indoor unit test certification ongoing.
	Nano-aqua Sterilization	Ionizes the air and releases positve and negative ions to sterilize the air with efficiency up to 97.5%.
	HAF Filter	Utilizes strong electrostatic charge on its surface to remove harmful,micro-particles including dust, virus and bacteria to provide healthier environment.

	Blue Fin	Helps condensate flow smoothly via its hydrophilic and anti-corrosive. properties.micro-particles including dust, virus and bacteria to provide healthier environment.

Ultimate Smart

	Voice Control	Enjoy hands-free voice control via Haier smart air conditioners which are compatible with Amazon Alexa and Google Assistant.
	WiFi Control	Download the Haier Smart Air 2 App to an Apple or Android smart device, and link the equipment to the smart device for system control from whenever and wherever you want.
	Eco Sensor	Detects the room air conditions and human activities in real-time monitoring, and switches working mode to achieve higher energy efficiency and provide better experience to users.

Ultimate Comfort

	A-PAM Control	Automatically adjusts DC bus voltage in accordance with the compressor load to increase operation voltage range.
	PID 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.
	Turbo 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.micro-particles including dust, virus and bacteria to provide healthier environment.
	Long Distance Airflow	The indoor unit get improved with better motor, optimized fan and air duct. It enables the air conditioner blows longer air than before. properties.micro-particles including dust, virus and bacteria to provide healthier environment.
	Strong Airflow	With improved fan and air duct, the air conditioner supplies up to 25% more air volume than the conventional.

FEATURE GUIDE

Hyper PCB
The working voltage range is 130V-264V. It can start at the minimum of 130V, and withstand the maximum surge voltage of 450SV.

Anti-Corrosion
Protect 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.

Warm Start
Blows no cold air when the unit is starting to work at heating mode, or change from cooling mode to heating mode.

-30°C Heating
Provides powerful heating performance in freezing winter with rotary compressor, DC motor, optimized bottom plate, electric heating wire and special programme, etc.

-15°C Heating
Provides powerful heating performance in cold winter with rotary compressor, etc.

-10°C Heating
Works at low ambient temperature with high frequency rotary compressor, optimized refrigerant system and special defrosting programme, etc.

DC Motor
Ensures reliable operation with much higher energy saving and lower operation sound.

DC Compressor
Reduces energy loss and maximize power input to achieve much higher energy efficiency.

Smart Defrosting
Works only when necessary to reduce energy waste, and provide better experience by reducing defrosting time.

Indoor 5-step Fan Speed
Works at powerful/high/middle/low/quiet speed to give users more choices in airflow control.

Double Horizontal Flaps
Supplies airflow in more directions to enhance user experience.

Auto Vertical Airflow
Moves vertically and works with horizontal flaps to achieve various air angle.

3-minute Protection
Helps compressor avoid unexpected damages to have longer life.

Auto Restart
Returns operation to previous air conditioner settings after a sudden power break.

Wide Voltage Operation
Enables inverter air conditioner to start working from 150V-264V.

88 Display
Shows clearly the real-time room temperature or desired temperature on the panel.

Auto Mode
Helps air conditioner choose cooling or heating automatically based on desired temperature and ambient temperature.

Golden Airflow
With unique air circulation system, conventional 10℃ cold airflow is changed to 23℃ golden airflow.

Integrated Structure
Combines the bottom base, drain pan and frame casing together to level up product reliability and lower vibration.

Constant 10°C Heating
Works when room temperature drops below 10℃ to provide winter protection for pipes, unoccupied summer house, garage and basement.

Low Watt Standby
Lowers stand-by power consumption from 8W to 1W by optimizing control programme.

Integrated Valve Cover
Protects both wiring terminal block and globe valves, and enhances beauty.

FEATURE GUIDE

	Outdoor 7-step Fan Speed	Makes adjustments according to the control of ambient sensor and tubing sensor to optimize heat exchange performance and improve energy efficiency.
	Coanda Plus Airflow	Makes the wind out of the air conditioner further, faster, and stronger, so that the cool air can be evenly delivered to every corner of the room.
	Whispering Air	Ensures your peace of mind with optimized fan, air duct and motor.
	Precise Dehumidification	Controls your room air humidity at ideal level to keep the air clean and comfortable.
	Precise Temperature Control	Allows users to adjust temperature by 0.5°C to achieve much more precise comfort and higher energy saving.
	Dry Function	Adjusts fan speed automatically according to room air temperature to achieve either mild dehumidification or strong dehumidification.
	3D Airflow	Delivers comfortable airflow to every corner of your room with the constant horizontal and vertical movements of airflow blades.
	Intelligent Air	Directs the airflow upwards at cooling mode, and downwards at heating mode to provide better air conditioning performance.
	Sleep Mode	Provides maximum comfort and energy saving during your good night's sleep.
	I Feel	Haier air conditioner can control temperature through a remote controller and perceive the room temperature accurately.

Ultimate Fit

	Positioning Specifications	Help fix the mounting plate and hang air conditioner at proper position.
	Extended Kickstand	Makes the installation easy with larger operation area to install and service.
	Easy Access Control Board	Simplifies dismounting and maintenance without disassembling casing.
	Wider Tubing Space	Saves installation time with larger operation space for piping and wiring.
	Easy Access Fan Motor	Simplifies dismounting and maintenance without disassembling evaporator.
	Detachable Bottom Cover	Helps open the bottom to connect piping and wiring without screwdriver.
	Easy to Disassemble	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.
	Self-diagnosis	Shows the error code on the LED display of the indoor unit to make the maintenance easier.
	Super Match	Realizes 100% free combination of indoor unit and outdoor unit, to make the sales management more easier and efficient.

BENEFITS

Category & Functions		All Comfort	Cabinet	Jade	Expert	Flexis Plus	Flair Plus	Pearl	Tundra Plus	Tide Plus	Nebula Green- Nordic
Ultimate Health	Self-Clean	●	●	●	●	●	●	●	●	●	●
	56°C Steri-Clean			●	●	●	●	●			
	Self-Hygiene			●							
	Easy to Clean				●						
	Puri-Clean	●		●							
	IFD Sterilization			●							
	UVC Sterilization					●	●				
	UVC Pro				●						
	Nano-aqua Sterilization						● (Exclude 30K)				
	HAF Filter				○	○	○	○	○	○	○
	Blue Fin	●	●	●	●	●	●	●	●	●	●
Ultimate Smart	Voice Control			●	●	●	●	●	●	●	●
	WiFi Control	●	●	●	●	●	● (Exclude 30K)	●	●	●	●
	Eco Sensor			●	●	●					
Ultimate Comfort	A-PAM Control	●	●	●	●	●	●	●	●	●	●
	PID Control	●	●	●	●	●	●	●	●	●	●
	Turbo Cooling	●	●	●	●	●	●	●	●	●	●
	Long Distance Airflow	●	●	18k	18k	18k/24k	18k/24k/30k	18k/24k	18k/24k	18k/24k	18k
	Strong Airflow	●	●	●	●	●	●	●	●	●	●
	Hyper PCB			●	●	●	●	●	●	●	●
	Anti-Corrosion	●	●	●	●	●	●	●	●	●	●
	Warm Start	●	●	●	●	●	●	●	●	●	●
	-30°C Heating										●
	-15°C Heating	●	●	●	●	●	●	●	●	●	
	-10°C Heating	●	●	●	●	●	●	●	●	●	●
	DC Motor	●	●	●	●	●	●	●	●	●	●
	DC Compressor	●	●	●	●	●	●	●	●	●	●
	Smart Defrosting	●	●	●	●	●	●	●	●	●	●
	Indoor 5-step Fan Speed	●	●	●	●	●	●	●	●	●	●
	Double Horizontal Flaps				18k/24k	18k/24k	18k/24k				18k

● : Standard   ○ : Optional

BENEFITS

Category & Functions		All Comfort	Cabinet	Jade	Expert	Flexis Plus	Flair Plus	Pearl	Tundra Plus	Tide Plus	Nebula Green- Nordic
Ultimate Comfort	Auto Vertical Airflow	●	●	●	●	●	●	●	●	●	●
	3-minute Protection	●	●	●	●	●	●	●	●	●	●
	Auto Restart	●	●	●	●	●	●	●	●	●	●
	Wide Voltage Operation	●	●	●	●	●	●	●	●	●	●
	88 Display	●	●	●	●	●	●	●	●	●	●
	Auto Mode	●	●	●	●	●	●	●	●	●	●
	Golden Airflow	●									
	Integrated Structure			●	●	●	●	●	●	●	●
	Constant 10°C Heating			●	●	●					
	Low Watt Standby			●	●	●	●	●	●		
	Integrated Valve Cover	●	●	●	●	●	●	●	●		
	Outdoor 7-step Fan Speed	●	●	●	●	●	●	●	●	●	
	Coanda Plus Airflow				●		●				
	Whispering Air	●	●	●	●	●	●	●	●	●	●
	Precise Dehumidification			●							
	Precise Temperature Control			●							
	Dry Function	●	●	●	●	●	●	●	●	●	●
	3D Airflow	●	●	●	●	●	●	●	●		
	Intelligent Air			●	●	●	●	●	●	●	●
	Sleep Mode	●	●	●	●	●	●	●	●	●	●
	I Feel				●						
Ultimate Fit	Positioning Specifications			●	●	●	●	●	●	●	●
	Extended Kickstand			●	●	●	●	●	●	●	●
	Easy Access Control Board			●	●	●	●	●			
	Wider Tubing Space			●	●	●	●	●	●	●	●
	Easy Access Fan Motor	●	●	●	●	●	●	●	●	●	
	Detachable Bottom Cover			●	●	●	●				
	Easy to Disassemble				●						
	Self-diagnosis	●	●	●	●	●	●	●	●	●	●
	Super Match			●	●	●	●	●	●	●	

● : Standard   ○ : Optional

Models Line-up

Category	EU Products		Remote Controller
Inverter	All Comfort		
	Cabinet		
	Jade Super Match		
	Expert		
	Flexis Plus		
	Flair Plus		
	Pearl		
	Tundra Plus		
	Tide Plus		
	Nebula Green- Nordic		

7K	9K	12K	15K	18K	20K	24K	30K
						●	
						●	
	●	●		●			
●	●	●	●	●			
●	●	●	●	●	●	●	
●	●	●	●	●	●	●	●
●	●	●		●		●	
	●	●		●		●	
	●	●		●		●	
	●	●		●			

Jade Super Match

Every Breath Counts

Puri-Clean
Utilizes advanced IFD purification filter to remove all kinds of airborne pollutants and allergens with efficiency up to 99.9% while enjoy comfortable air conditioning.

56°C Steri-Clean
Kills bacteria and viruses by heating the evaporator to 56℃ high temperature for 30 minutes.

Self-Hygiene
Applies silver nanoparticles into components where air circulation flows through to kill molds and bacteria that threaten our health.

Jade Super Match

Outdoor

Remote Controller

Key Features

PM 2.5 Purified Cleanliness
PM 2.5 Detection

Self-Clean

Precise Dehumidification

Whispering Air

WiFi Control (hOn)

Easy to Install

3D Airflow

Eco Sensor

Model		Indoor	AS25S2SJ1FA-3	AS35S2SJ1FA-3	AS50S2SJ1FA-3
		Outdoor	1U25MECFRA-3	1U35MECFRA-3	1U50JECFRA-3
Cooling					
Capacity	Nominal (Min-Max)	Btu/h	8870(3410-13650)	11940(3410-13650)	17740(4770-20470)
	Nominal (Min-Max)	kW	2.6(1.0-4.0)	3.5(1.0-4.0)	5.2(1.4-6.0)
Energy Efficiency	SEER/EER		8.75/4.5	8.75/4.4	7.50/3.68
Energy Class			A+++	A+++	A++
Pdesign Capacity		kW	2.6	3.5	5.2
Power Input	Nominal (Min-Max)	kW	0.57(0.3-1.25)	0.79(0.3-1.35)	1.4(0.3-2.1)
Annual Energy Consumption		kWh/a	104	140	243
Operating Limits	Min-Max	℃	-10-43℃(out)	-10-43℃(out)	-10-43℃(out)
Heating					
Capacity	Nominal (Min-Max)	Btu/h	10920(3750-18420)	14330(4430-19790)	20470(4770-23540)
Capacity	Nominal (Min-Max)	kW	3.2(1.1-5.4)	4.2(1.3-5.8)	6.0(1.4-6.9)
Energy Efficiency	SCOP/COP (Mild)		5.1/4.8	5.1/4.7	4.6/4.0
	SCOP (Warm/Cold)		6.2/-	6.2/-	5.6/-
Energy Class	Mild/Warm/Cold		A+++/A+++/-	A+++/A+++/-	A++/A+++/-
Pdesign Capacity (-10℃)		kW	2.6	2.65	4.6
Power Input	Nominal (Min-Max)	kW	0.66(0.3-1.85)	0.89(0.3-1.85)	1.5(0.3-2.5)
Annual Energy Consumption		kWh/a	714	727	1400
Operating Limits		℃	-20-24℃(out)	-20-24℃(out)	-20-24℃(out)
Power Supply	Ph/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50
	Position		outdoor	outdoor	outdoor
Indoor					
Net Dimension	W/D/H	mm	923/215/320	923/215/320	1050/235/350
Package Dimension	W/D/H	mm	1032/318/418	1032/318/418	1160/347/455
Net/Shipping Weight		kg	12/15.2	12/15.2	14.9/18.9
Air Flow (Cooling/Heating)	Max	m³/h	550	600	900
Sound Power Level	Cooling (Hi)	dB(A)	56	57	57
	Heating (Hi)	dB(A)	56	57	57
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)	36/32/29/15	37/33/30/16	41/37/33/28
	Heating (Hi/Mid/Lo/So)	dB(A)	36/32/29/15	37/33/30/16	41/37/33/28
Moisture Removal		10-3m³/h	1.2	1.6	2
Outdoor					
Compressor			Panasonic	Panasonic	Mitsubishi
Net Dimension	W/D/H	mm	800/275/553	800/275/553	820/338/614
Package Dimension	W/D/H	mm	908/405/625	908/405/625	993/413/685
Net/Shipping Weight		kg	29.8/33.6	29.8/33.6	37.8/41.5
Air Flow (Cooling/Heating)	Max	m³/h	2000	2000	2500
Sound Power Level	Hi	dB(A)	61	62	63
Sound Pressure Level	Hi	dB(A)	48	49	51
Running Current	Max	A	8	8	11.1
Refrigerant Type	R410a/R32		R32	R32	R32
Refrigerant Charge	R410a/R32	g	740	740	950
Refrigerant Pipe	Liquid Side Diameter		6.35	6.35	6.35
	Gas Side Diameter		9.52	9.52	12.7
	Max Pipe Length/Height		20/10	20/10	25/15
	Max Pipe Length without Additional Charge		7	7	7
	Additional Charge		20	20	20

Rating Conditions:
Cooling Indoor 27℃ DB / 19℃ WB. Cooling Outdoor 35℃ DB / 24℃ WB. Heating Indoor 20℃ DB. Heating Outdoor 7℃ DB / 6℃ WB.(DB: Dry Bulb; WB: Wet Bulb)

For detailed information about ErP, please visit our page http://www.haier.com/ecodesign.

Expert

Excellence Personified

UVC Pro
Inhibits the reproduction of bacteria and sterilizes virus breaks down hydron and oxygen molecule and generates ionic group which inhibits bacteria and sterilizes virus after contacting. Indoor unit test certification ongoing.

Easy to Clean
Marks another monumental step in the upgrade of healthy air innovations that ensures clean airflow out of air conditioner by allowing you to easily take out fan and filter for deep cleaning.

56°C Steri-Clean
Kills bacteria and viruses by heating the evaporator to 56°C high temperature for 30 minutes.

Expert

Outdoor   Remote Controller

Key Features

- Easy to Install
- I Feel
- Self-Clean
- Canda Plus Airflow
- Eco Sensor
- WiFi Control (hOn)
- On-Off Card
- 2-Way Piping Design

Model			Indoor	AS20XCAHRA	AS25XCAHRA	AS35XCAHRA	AS42XCAHRA	AS50XCAHRA
			Outdoor	/	1U25S2SM1FA-2	1U35S2SM1FA-2	/	1U50S2SJ2FA
Cooling								
Capacity	Nominal (Min-Max)	Btu/h			9560(2730-10920)	11940(3410-13650)		17060(4770-18770)
	Nominal (Min-Max)	kW			2.8(0.8-3.2)	3.5(1.0-4.0)		5.0 (1.4-5.5)
Energy Efficiency	SEER/EER				8.5/4.50	8.5/4.00		7.0/3.5
Energy Class					A+++	A+++		A++
Pdesign Capacity		kW			2.8	3.5		5.2
Power Input	Nominal (Min-Max)	kW		Only Indoorunit for multi	0.65(0.2-1.2)	0.88(0.3-1.5)	Only indoorunit for multi	1.43(0.5-2.0)
Annual Energy Consumption		kWh/a			115	144		250
Operating Limits	Min-Max	℃			-20-43℃ (out)	-20-43℃ (out)		-20-43℃ (out)
Heating								
Capacity	Nominal (Min-Max)	Btu/h			10920(2730-14330)	14330(3410-17740)		19110 (5800-21160)
Capacity	Nominal (Min-Max)	kW			3.2(0.8-4.2)	4.2(1.0-5.2)		5.6 (1.7-6.2)
Energy Efficiency	SCOP/COP (Mild)				4.8/4.2	4.75/4.05		4.3/3.71
	SCOP (Warm/Cold)				5.1/-	5.1/-		5.1/-
Energy Class	Mild/Warm/Cold				A++/A+++/-	A++/A+++/-		A+/A+++/-
Pdesign Capacity (-10℃)		kW		Only Indoorunit for multi	2.5	2.8	Only indoorunit for multi	4.6
Power Input	Nominal (Min-Max)	kW			0.875(0.3-1.5)	1.04(0.5-1.6)		1.51 (0.52-2.35)
Annual Energy Consumption		kWh/a			729	825		1498
Operating Limits		℃			-20-24℃ (out)	-20-24℃ (out)		-20-24℃ (out)
Power Supply	Ph/V/Hz				1/220-240/50	1/220-240/50		1/220-240/50
	Position				outdoor	outdoor		outdoor
Indoor								
Net Dimension	W/D/H	mm		895/236/313	895/236/313	895/236/313	895/236/313	895/236/313
Package Dimension	W/D/H	mm		949/298/371	949/298/371	949/298/371	949/298/371	949/298/371
Net/Shipping Weight		kg		11.3/14	11.3/14	11.3/14	11.6/14.2	11.6/14.2
Air Flow (Cooling/Heating)	Max	m³/h		730	730	800	900	900
Sound Power Level	Cooling (Hi)	dB(A)		56	56	57	60	60
	Heating (Hi)	dB(A)		56	56	57	60	60
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)		39/32/25/16	39/32/25/16	40/33/26/17	45/37/29/21	45/37/29/21
	Heating (Hi/Mid/Lo/So)	dB(A)		39/32/25/16	39/32/25/16	40/33/26/17	45/37/29/21	45/37/29/21
Moisture Removal		10-3m³/h		1.2	1.2	1.6	2	2
Outdoor								
Compressor					HIGHLY	HIGHLY		Mitsubishi
Net Dimension	W/D/H	mm			800/275/553	800/275/553		820/338/614
Package Dimension	W/D/H	mm			908/405/625	908/405/625		993/413/685
Net/Shipping Weight		kg			27.6/30.4	30/32.9		37.8/41.5
Air Flow (Cooling/Heating)	Max	m³/h			1900	2000		2500
Sound Power Level	Hi	dB(A)			59	61		63
Sound Pressure Level	Hi	dB(A)		/	47	48	/	51
Running Current	Max	A			6.8	7.2		10.9
Refrigerant Type	R410a/R32				R32	R32		R32
Refrigerant Charge	R410a/R32	g			630	780		950
Refrigerant Pipe	Liquid Side Diameter				6.35	6.35		6.35
	Gas Side Diameter				9.52	9.52		12.7
	Max Pipe Length/Height				20/10	20/10		25/15
	Max Pipe Length without Additional Charge				7	7		7
	Additional Charge				20	20		20

Rating Conditions:
Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB.(DB: Dry Bulb; WB: Wet Bulb)

For detailed information about ErP, please visit our page http://www.haier.com/ecodesign.

Flexis Plus

The More From Less

UVC Sterilization
Emits UV light to sterilize the air passing through with efficiency up to 99.9%.
The sterilization rate of the whole machine : 92%(single UV module : 99.9%).

56°C Steri-Clean
Kills bacteria and viruses by heating the evaporator to 56 ℃ high temperature for 30 minutes.

Self-Clean
Freezes the evaporator with moisture in the air, and removes away dirt in melting, to ensure clean air out of Haier air conditioners.

Flexis Plus

Outdoor | Remote Controller | Wired Controller Transfer Kit | Wired Controller

Key Features

- Self-Clean
- Eco Sensor
- Easy to Install
- Whispering Air
- WiFi Control (hOn)
- On-Off Card
- 3D Airflow
- 2-Way Piping Design

Model	Indoor		AS20S2SF1FA-MW3 AS20S2SF1FA-MB3	AS25S2SF1FA-MB3 AS25S2SF1FA-MW3 AS25S2SF1FA-BH AS25S2SF1FA-WH	AS35S2SF1FA-MB3 AS35S2SF1FA-MW3 AS35S2SF1FA-BH AS35S2SF1FA-WH	AS42S2SF1FA-MB3 AS42S2SF1FA-MW3	AS50S2SF1FA-MB3 AS50S2SF1FA-MW3 AS50S2SF1FA-BH AS50S2SF1FA-WH	AS71S2SF1FA-MB3 AS71S2SF1FA-MW3 AS71S2SF1FA-WH
	Outdoor		/	1U25S2SM1FA-2	1U35S2SM1FA-2	1U42S2SM1FA	1U50S2SJ2FA 1U50S2SJ2FA-1	1U71S2SR2FA
Cooling								
Capacity	Nominal (Min-Max)	Btu/h		8870(2730-10920)	11940(3410-13650)	14330(4090-16380)	17740(4770-20470)	23890(7510-25600)
	Nominal (Min-Max)	kW		2.6(0.8-3.2)	3.5(1.0-4.0)	4.2(1.2-4.8)	5.2 (1.4-6.0)	7(2.2-7.5)
Energy Efficiency	SEER/EER		Only indoor unit	8.5/4.00	8.5/4.00	7.0/3.41	7.2/3.68	7.1/3.23
Energy Class			for multi	A+++	A+++	A++	A++	A++
Pdesign Capacity		kW		2.6	3.5	4.2	5.2	7.0
Power Input	Nominal (Min-Max)	kW		0.65(0.2-1.2)	0.88(0.3-1.5)	1.23(0.4-1.7)	1.4(0.5-2.0)	2.17(0.7-2.5)
Annual Energy Consumption		kWh/a		107	144	210	253	345
Operating Limits	Min-Max	℃		-20-43℃(out)	-20-43℃(out)	-20-43℃(out)	-20-43℃(out)	-20-43℃(out)
Heating								
Capacity	Nominal (Min-Max)	Btu/h		10920(2730-14330)	14330(3410-17740)	15010(4430-19790)	20470(4770-23540)	27300(8190-29000)
Capacity	Nominal (Min-Max)	kW		3.2(0.8-4.2)	4.2(1.0-5.2)	4.4(1.3-5.8)	6.0 (1.4-6.9)	8.0(2.4-8.5)
Energy Efficiency	SCOP/COP (Mild)			4.6/4.00	4.6/3.81	4.0/3.74	4.6/4.00	4.0/3.71
	SCOP (Warm/Cold)		Only indoor unit	5.1/-	5.1/-	5.1/-	5.6/-	5.4/-
Energy Class	Mild/Warm/Cold		for multi	A+/A+++/-	A+/A+++/-	A+/A+++/-	A+/A+++/-	A+/A+++//
Pdesign Capacity (-10℃)		kW		2.4	2.8	3.6	4.6	5.6
Power Input	Nominal (Min-Max)	kW		0.8(0.3-1.5)	1.1(0.5-1.6)	1.18(0.52-2.2)	1.5 (0.52-2.35)	2.16(0.7-2.9)
Annual Energy Consumption		kWh/a		731	854	1260	1401	1959
Operating Limits		℃		-20-24℃(out)	-20-24℃(out)	-20-24℃(out)	-20-24℃(out)	-20-24℃(out)
Power Supply	Ph/V/Hz			1/220-240/50	1/220-240/50	1/230/50	1/230/50	1/230/50
	Position			outdoor	outdoor	outdoor	outdoor	outdoor
Indoor								
Net Dimension	W/D/H	mm		856/197/300	856/197/300	856/197/300	999/225/323	1115/235/343
Package Dimension	W/D/H	mm		952/283/389	952/283/389	952/283/389	1100/314/420	1202/319/432
Net/Shipping Weight		kg		9.5/12	9.5/12	9.5/12	12/15	15.2/18.2
Air Flow (Cooling/Heating)	Max	m³/h		600	600	650	750	900	1100
Sound Power Level	Cooling (Hi)	dB(A)		53	53	55	58	57	60
	Heating (Hi)	dB(A)		53	53	55	58	57	60
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)		38/32/25/16	38/32/25/16	39/33/26/17	42/36/30/23	45/41/37/28	47/43/37/33
	Heating (Hi/Mid/Lo/So)	dB(A)		38/32/25/19	38/32/25/19	39/33/26/20	42/36/30/23	45/41/37/28	47/43/37/33
Moisture Removal		10-3m³/h		1.2	1.2	1.6	1.8	2	2.8
Outdoor								
Compressor				HIGHLY	HIGHLY	HIGHLY	Mitsubishi	Mitsubishi
Net Dimension	W/D/H	mm		800/275/553	800/275/553	800/275/553	820/338/614	890/353/697
Package Dimension	W/D/H	mm		908/405/625	908/405/625	908/405/625	993/413/685	1046/460/780
Net/Shipping Weight		kg		27.6/30.4	30/32.9	31.5/34	37.8/41.5	45/50
Air Flow (Cooling/Heating)	Max	m³/h		1900	2000	2100	2500	3000
Sound Power Level	Hi	dB(A)		59	61	63	63	70
Sound Pressure Level	Hi	dB(A)		47	48	50	51	57
Running Current	Max	A		6.8	7.2	9.8	10.9	13
Refrigerant Type	R410a/R32			R32	R32	R32	R32	R32
Refrigerant Charge	R410a/R32	g		630	780	940	950	1300
Refrigerant Pipe	Liquid Side Diameter			6.35	6.35	6.35	6.35	9.52
	Gas Side Diameter			9.52	9.52	9.52	12.7	15.88
	Max Pipe Length/Height			20/10	20/10	20/10	25/15	50/30
	Max Pipe Length without Additional Charge			7	7	7	7	7
	Additional Charge			20	20	20	20	45

Rating Conditions:
Cooling Indoor 27℃ DB / 19℃ WB. Cooling Outdoor 35℃ DB / 24℃ WB. Heating Indoor 20℃ DB. Heating Outdoor 7℃ DB / 6℃ WB.(DB: Dry Bulb; WB: Wet Bulb)

For detailed information about ErP, please visit our page http://www.haier.com/ecodesign.

Flair Plus

56°C Steri-Clean
Kills bacteria and viruses by heating the evaporator to 56 ℃ high temperature for 30 minutes.

Nano-Aqua Sterilization
Ionizes the air and releases positve and negative ions to sterilize the air with efficiency up to 97.5%.

Self-Clean
Freezes the evaporator with moisture in the air, and removes away dirt in melting, to ensure clean air out of Haier air conditioners.

Flair Plus

Outdoor   Remote Controller   Wired Controller Transfer Kit   Wired Controller

Key Features

- Nano-Aqua Sterilization
- Easy to Install
- WiFi Control (hOn)
- Whispering Air
- Comfortable Sleep
- 3D Airflow
- 2-Way Piping Design
- On-Off Card

Model		Indoor	AS20S2SF2FA-3	AS25S2SF2FA-3	AS35S2SF2FA-3	AS42S2SF2FA-3	AS50S2SF2FA-3	AS71S2SF2FA-3	AS105S2SF2FA-2
		Outdoor	/	1U25S2SM1FA-2	1U35S2SM1FA-2	1U42S2SM1FA	1U50S2SJ2FA 1U90S2SJ2FA-1	1U71S2SR2FA	1UAS105S2SF2FA
Cooling									
Capacity	Nominal (Min-Max)	Btu/h	Only indoorunit for multi	8870(2730-10920)	11940(3410-13650)	14330(4090-16380)	17740(4770-20470)	23890(7510-25600)	30710(8530-34120)
	Nominal (Min-Max)	kW		2.6(0.8-3.2)	3.5(1.0-4.0)	4.2(1.2-4.8)	5.2 (1.4-6.0)	7(2.2-7.5)	9(2.5-10)
Energy Efficiency	SEER/EER			8.5/4.00	8.5/4.00	7.0/3.41	7.2/3.68	7.1/3.23	6.1/3.0
Energy Class				A+++	A+++	A++	A++	A++	A++
Pdesign Capacity		kW		2.6	3.5	4.2	5.2	7	9.0
Power Input	Nominal (Min-Max)	kW		0.65(0.2-1.2)	0.88(0.3-1.5)	1.23(0.4-1.7)	1.4(0.5-2.0)	2.17(0.7-2.5)	3.0(0.8-3.7)
Annual Energy Consumption		kWh/a		107	144	210	253	345	516
Operating Limits	Min-Max	℃		-20-43℃(out)	-20-43℃(out)	-20-43℃(out)	-20-43℃(out)	-20-43℃(out)	-20-43℃(out)
Heating									
Capacity	Nominal (Min-Max)	Btu/h	Only indoorunit for multi	10920(2730-14330)	14330(3410-17740)	15010(4430-19790)	20470(4770-23540)	27300(8190-29000)	32420(10230-35830)
Capacity	Nominal (Min-Max)	kW		3.2(0.8-4.2)	4.2(1.0-5.2)	4.4(1.3-5.8)	6.0 (1.4-6.9)	8(2.4-8.5)	9.5(3.0-10.5)
Energy Efficiency	SCOP/COP (Mild)			4.6/4.00	4.6/3.81	4.6/3.74	4.6/4.00	4.0/3.71	4.0/3.71
	SCOP (Warm/Cold)			5.1/-	5.1/-	5.1/-	5.6/-	5.4/	5.1/-
Energy Class	Mild/Warm/Cold			A++/A+++/-	A++/A+++/-	A+/A+++/-	A++/A+++/-	A+/A+++//	A+/A+++//
Pdesign Capacity (-10℃)		kW		2.4	2.8	3.6	4.6	5.6	7.2
Power Input	Nominal (Min-Max)	kW		0.8(0.3-1.5)	1.1(0.5-1.6)	1.18(0.52-2.2)	1.5 (0.52-2.35)	2.16(0.7-2.9)	2.56(0.8-4.0)
Annual Energy Consumption		kWh/a		731	854	1260	1401	1959	2518
Operating Limits		℃		-20-24℃(out)	-20-24℃(out)	-20-24℃(out)	-20-24℃(out)	-20-24℃(out)	-20-24℃(out)
Power Supply	Ph/V/Hz			1/220-240/50	1/220-240/50	1/230/50	1/230/50	1/230/50	1/220-240/(50/60)
	Position			outdoor	outdoor	outdoor	outdoor	outdoor	outdoor
Indoor									
Net Dimension	W/D/H	mm		870/196/301	870/196/301	870/196/301	870/196/301	1009/223/327	1126/230/337	1342×275×365 mm
Package Dimension	W/D/H	mm		952/283/389	952/283/389	952/283/389	952/283/389	1100/314/420	1202/319/432	1418×402×478 mm
Net/Shipping Weight		kg		9.5/12	9.5/12	9.5/12	9.5/12	12/15	15.2/18.2	21.0/25.5
Air Flow (Cooling/Heating)	Max	m³/h		600	600	650	750	900	1100	1300
Sound Power Level	Cooling (Hi)	dB(A)		53	53	55	58	57	60	65
	Heating (Hi)	dB(A)		53	53	55	58	57	60	65
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)		38/32/25/19	38/32/25/19	39/33/26/20	42/36/30/23	45/41/37/28	47/43/37/33	48/44/40/36
	Heating (Hi/Mid/Lo/So)	dB(A)		38/32/25/19	38/32/25/19	39/33/26/20	42/36/30/23	45/41/37/28	47/43/37/33	48/44/40/36
Moisture Removal		10-3m³/h		1.2	1.2	1.6	1.8	2	2.8	3.0
Outdoor									
Compressor				HIGHLY	HIGHLY	HIGHLY	Mitsubishi	Mitsubishi	Mitsubishi
Net Dimension	W/D/H	mm		800/275/553	800/275/553	800/275/553	820/338/614	890/353/697	920/372/760
Package Dimension	W/D/H	mm		908/405/625	908/405/625	908/405/625	993/413/685	1046/460/780	1036/478/820
Net/Shipping Weight		kg		27.6/30.4	30/32.9	31.5/34	37.8/41.5	45/50	60/65
Air Flow (Cooling/Heating)	Max	m³/h		1900	2000	2100	2500	3000	3500
Sound Power Level	Hi	dB(A)	/	59	61	63	63	70	70
Sound Pressure Level	Hi	dB(A)		47	48	50	51	57	60
Running Current	Max	A		6.8	7.2	9.8	10.9	13	16.5
Refrigerant Type	R410a/R32			R32	R32	R32	R32	R32	R32
Refrigerant Charge	R410a/R32	g		630	780	940	950	1300	1700
Refrigerant Pipe	Liquid Side Diameter			6.35	6.35	6.35	6.35	9.52	9.52
	Gas Side Diameter			9.52	9.52	9.52	12.7	15.88	15.88
	Max Pipe Length/Height			20/10	20/10	20/10	25/15	50/30	50/30
	Max Pipe Length without Additional Charge			7	7	7	7	7	7
	Additional Charge			20	20	20	20	45	45

Rating Conditions: Cooling Indoor 27℃ DB / 19℃ WB. Cooling Outdoor 35℃ DB / 24℃ WB. Heating Indoor 20℃ DB. Heating Outdoor 7℃ DB / 6℃ WB.(DB: Dry Bulb; WB: Wet Bulb)

For detailed information about ErP, please visit our page http://www.haier.com/ecodesign.

Pearl

Outdoor

Remote Controller

UVC Sterilization
Emits UV light to sterilize the air passing through with efficiency up to 99.9%.
The sterilization rate of the whole machine : 92%(single UV module : 99.9%).

56°C Steri-Clean
Kills bacteria and viruses by heating the evaporator to 56℃ high temperature for 30 minutes.

Coanda Plus Airflow
Makes the wind out of the air conditioner further, faster, and stronger, so that the cool air can be evenly delivered to every corner of the room.

Key Features

- Canda Plus Airflow
- Self-Clean
- 56°C Steri-Clean
- UVC Sterilization
- WiFi Control (hOn)
- Easy to Install

Model	Indoor		AS25PBAHRA	AS35PBAHRA	AS50PDAHRA	AS68PDAHRA
	Outdoor		1U25YEGFRA-1	1U35YEGFRA-2	1U50MEGFRA	1U68WEGFRA
Cooling						
Capacity	Nominal (Min-Max)	Btu/h	8870(2730-10238)	11940(2730-12286)	17060(4430-19790)	23200(7500-29000)
	Nominal (Min-Max)	kW	2.6(0.8-3.0)	3.5(0.8-3.6)	5.0(1.3-5.8)	6.8(2.2-8.5)
Energy Efficiency	SEER/EER		6.1/3.23	6.1/2.9	6.1/3.23	6.8/3.23
Energy Class			A++	A++	A++	A++
Pdesign Capacity		kW	2.6	3.5	5.0	6.8
Power Input	Nominal (Min-Max)	kW	0.8(0.3-1.2)	1.21(0.3-1.6)	1.55(0.4-2.0)	2.11(0.7-2.9)
Annual Energy Consumption		kWh/a	149	201	287	336
Operating Limits	Min-Max	℃	-10-43℃(out)	-10-43℃(out)	-10-43℃(out)	-10-43℃(out)
Heating						
Capacity	Nominal (Min-Max)	Btu/h	9555(2730-10920)	11940(2730-14330)	17740(4780-20480)	23200(8180-32410)
Capacity	Nominal (Min-Max)	kW	2.8(0.8-3.2)	3.5(0.8-4.2)	5.2(1.4-6.0)	6.8(2.4-9.5)
Energy Efficiency	SCOP/COP (Mild)		4.0/3.71	4.0/3.71	4.0/3.71	4.0/3.71
	SCOP (Warm/Cold)		5.1/-	5.1/-	5.1/-	5.1/-
Energy Class	Mild/Warm/Cold		A+/A+++/-	A+/A+++/-	A+/A+++/-	A+/A+++/-
Pdesign Capacity (-10℃)		kW	2.4	2.8	4.6	5.6
Power Input	Nominal (Min-Max)	kW	0.75(0.3-1.4)	0.94(0.3-1.6)	1.4(0.52-2.5)	1.83(0.6-2.9)
Annual Energy Consumption		kWh/a	840	980	1610	1960
Operating Limits		℃	-15-24℃(out)	-15-24℃(out)	-15-24℃(out)	-15-24℃(out)
Power Supply	Ph/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
	Position		outdoor	outdoor	outdoor	outdoor
Indoor						
Net Dimension	W/D/H	mm	805/200/290	805/200/290	975/220/320	975/220/320
Package Dimension	W/D/H	mm	874/270/363	874/270/363	1050/301/397	1050/301/397
Net/Shipping Weight		kg	8.3/10.5	8.3/10.5	11.6/14.4	11.6/14.4
Air Flow (Cooling/Heating)	Max	m³/h	550	600	900	1100
Sound Power Level	Cooling (Hi)	dB(A)	54	56	57	62
	Heating (Hi)	dB(A)	54	56	57	62
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)	37/32/28/18	37/33/29/19	44/40/35/28	47/45/37/29
	Heating (Hi/Mid/Lo/So)	dB(A)	37/32/28/18	37/33/29/19	44/40/35/28	47/45/37/29
Moisture Removal	10-3m³/h		1	1.3	2	2.8
Outdoor						
Compressor			HIGHLY	HIGHLY	HIGHLY	Mitsubishi
Net Dimension	W/D/H	mm	700/245/544	700/245/544	800/275/553	890/340/705
Package Dimension	W/D/H	mm	845/320/593	845/320/593	908/405/625	1046/460/780
Net/Shipping Weight		kg	22.8/25.3	23.5/26	32.7/36.5	44/48
Air Flow (Cooling/Heating)	Max	m³/h	2100	2100	2500	2600
Sound Power Level	Hi	dB(A)	62	63	65	68
Sound Pressure Level	Hi	dB(A)	49	50	53	53
Running Current	Max	A	6.2	7.1	11.3	13
Refrigerant Type	R410a/R32		R32	R32	R32	R32
Refrigerant Charge	R410a/R32	g	520	530	900	1100
Refrigerant Pipe	Liquid Side Diameter		6.35	6.35	6.35	6.35
	Gas Side Diameter		9.52	9.52	12.7	12.7
	Max Pipe Length/Height		20/10	20/10	25/15	25/15
	Max Pipe Length without Additional Charge		5	5	7	7
	Additional Charge		20	20	20	20

Rating Conditions:
Cooling Indoor 27℃ DB / 19℃ WB. Cooling Outdoor 35℃ DB / 24℃ WB. Heating Indoor 20℃ DB. Heating Outdoor 7℃ DB / 6℃ WB.(DB: Dry Bulb; WB: Wet Bulb)

For detailed information about ErP, please visit our page http://www.haier.com/ ecodesign.

Tundra Plus

Better Experience, Value for Money

Self-Clean
Freezes the evaporator with moisture in the air, and removes away dirt in melting, to ensure clean air out of Haier air conditioners.

Comfortable Sleep
Provides maximum comfort and energy saving during your good night's sleep.

Wifi Control (hOn)
Download the Haier hOn App to an Apple or Android smart device, and link the equipment to the smart device for system control from whenever and wherever you want.

Tundra Plus
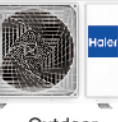
Outdoor | Remote Controller | Wired Controller Transfer Kit | Wired Controller

Model			AS25TAEHRA-CLC	AS35TADHRA-CLC	AS50TDDHRA-CLC	AS68TEDHRA-CLC
	Indoor		1U25YEFFRA-1	1U35MEEFRA-1	1U50MEGFRA	1U68REEFRA
	Outdoor					
Cooling						
Capacity	Nominal (Min-Max)	Btu/h	8870(2730-11600)	12280(3410-13650)	17060(4430-19790)	23880(7500-29000)
	Nominal (Min-Max)	kW	2.6(0.8-3.4)	3.6(1.0-4.0)	5.0(1.3-5.8)	7.0(2.2-8.5)
Energy Efficiency	SEER/EER		6.2/3.23	6.4/3.23	6.1/3.41	7.1/3.23
Energy Class			A++	A++	A++	A++
Pdesign Capacity		kW	2.6	3.6	5.0	7.0
Power Input	Nominal (Min-Max)	kW	0.8(0.3-1.2)	1.11(0.30-1.50)	1.46(0.40-2.00)	2.16(0.70-2.90)
Annual Energy Consumption		kWh/a	147	197	287	350
Operating Limits	Min-Max	℃	-10-43℃ (out)	-10-43℃ (out)	-10-43℃ (out)	-10-43℃ (out)
Heating						
Capacity	Nominal (Min-Max)	Btu/h	9890(3410-12970)	12620(3750-15690)	17740(4770-20470)	27640(8190-34120)
Capacity	Nominal (Min-Max)	kW	2.9(1.0-3.8)	3.7(1.1-4.6)	5.2(1.4-6.0)	8.1(2.4-10.0)
Energy Efficiency	SCOP/COP (Mild)		4.1/3.71	4.1/3.71	4.0/3.71	4.0/3.71
	SCOP (Warm/Cold)		5.1//	5.1/-	5.1/-	5.1/-
Energy Class	Mild/Warm/Cold		A+/A+++//	A+/A+++/-	A+/A+++/-	A+/A+++/-
Pdesign Capacity (-10℃)		kW	2.4	3.2	4.6	5.6
Power Input	Nominal (Min-Max)	kW	0.78(0.3-1.4)	0.99(0.40-1.50)	1.40(0.52-2.5)	2.18(0.70-2.90)
Annual Energy Consumption		kWh/a	819	1092	1610	1963
Operating Limits		℃	-15-24℃ (out)	-15-24℃ (out)	-15-24℃ (out)	-15-24℃ (out)
Power Supply	Ph/V/Hz		1/230/50	1/230/50	1/230/50	1/230/50
	Position		outdoor	outdoor	outdoor	outdoor
Indoor						
Net Dimension	W/D/H	mm	820×195×280	820/195/280	1008/225/318	1125/240/335
Package Dimension	W/D/H	mm	909×279×355	909/279/355	1085/329/403	1206/342/418
Net/Shipping Weight		kg	8.4/10.5	8.4/10.5	11.6/14.4	14/17.5
Air Flow (Cooling/Heating)	Max	m³/h	500	550	900	1200
Sound Power Level	Cooling (Hi)	dB(A)	53	55	57	60
	Heating (Hi)	dB(A)	53	55	57	60
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)	37/32/28/20	38/33/29/21	44/40/35/28	47/43/37/30
	Heating (Hi/Mid/Lo/So)	dB(A)	37/32/28/20	38/33/29/21	44/40/35/28	47/43/37/30
Moisture Removal		10-3m³/h	1.2	1.6	2.0	2.8
Outdoor						
Compressor			HIGHLY	HIGHLY	HIGHLY	HIGHLY
Net Dimension	W/D/H	mm	700/245/544	800/275/553	800/275/553	890/353/697
Package Dimension	W/D/H	mm	845/320/593	908/405/625	908/405/625	1046/460/780
Net/Shipping Weight		kg	22.7/25.2	27/30.3	32.7/36.5	47.3/52.3
Air Flow (Cooling/Heating)	Max	m³/h	2100	2000	2500	2900
Sound Power Level	Hi	dB(A)	62	63	65	65
Sound Pressure Level	Hi	dB(A)	47	48	53	52
Running Current	Max	A	6.2	6.7	11.3	13
Refrigerant Type	R410a/R32		R32	R32	R32	R32
Refrigerant Charge	R410a/R32	g	550	620	900	1200
Refrigerant Pipe	Liquid Side Diameter		6.35	6.35	6.35	6.35
	Gas Side Diameter		9.52	9.52	12.7	12.7
	Max Pipe Length/Height		20/10	20/10	25/15	25/15
	Max Pipe Length without Additional Charge		5	5	7	7
	Additional Charge		20	20	20	20

Key Features

- Self-Clean
- Intelligent Air
- Comfortable Sleep
- Whispering Air
- WiFi Control (hOn)
- -15°C Heating
- On-Off Card

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB.(DB: Dry Bulb; WB: Wet Bulb)

For detailed information about ErP, please visit our page http://www.haier.com/ecodesign.

Tide Plus

Better Experience, Value for Money

Self-Clean
Freezes the evaporator with moisture in the air, and removes away dirt in melting, to ensure clean air out of Haier air conditioners.
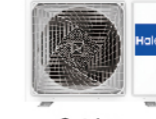
Comfortable Sleep
Provides maximum comfort and energy saving during your good night's sleep.

Wifi Control (hOn)
Download the Haier hOn App to an Apple or Android smart device, and link the equipment to the smart device for system control from whenever and wherever you want.

Tide Plus

Outdoor Remote Controller

Key Features

- Whispering Air
- Self-Clean
- Intelligent Air
- Comfortable Sleep
- Dry Function
- -15°C Heating
- WiFi Control (hOn)
- Extended Kickstand

Model			AS25THMHRA-C	AS35TAMHRA-C	AS50TDMHRA-C	AS68TEMHRA-C
	Indoor		AS25THMHRA-C	AS35TAMHRA-C	AS50TDMHRA-C	AS68TEMHRA-C
	Outdoor		1U25YEFFRA-C	1U35YEFFRA-C	1U50MEMFRA-C	1U68RENFRA-C
Cooling						
Capacity	Nominal (Min-Max)	Btu/h	8870(2730-10238)	10920(2730-12286)	17060(4430-19790)	23880(7500-29000)
	Nominal (Min-Max)	kW	2.6(0.8-3.0)	3.2(0.8-3.6)	5.0(1.3-5.8)	7.0(2.2-8.5)
Energy Efficiency	SEER/EER		6.1/3.23	6.1/3.01	6.1/3.41	7.1/3.23
Energy Class			A++	A++	A++	A++
Pdesign Capacity		kW	2.6	3.2	5.0	7.0
Power Input	Nominal (Min-Max)	kW	0.8(0.3-1.2)	1.06(0.3-1.6)	1.46(0.40-2.00)	2.16(0.70-2.90)
Annual Energy Consumption		kWh/a	149	184	287	350
Operating Limits	Min-Max	°C	-10-43°C (out)	-10-43°C (out)	-10-43°C (out)	-10-43°C (out)
Heating						
Capacity	Nominal (Min-Max)	Btu/h	9555(2730-10920)	11603(2730-14330)	17740(4770-20470)	27640(8190-34120)
Capacity	Nominal (Min-Max)	kW	2.8(0.8-3.2)	3.4(0.8-4.2)	5.2(1.4-6.0)	8.1(2.4-10.0)
Energy Efficiency	SCOP/COP (Mild)		4/3.71	4/3.40	4.0/3.71	4.0/3.71
	SCOP (Warm/Cold)		5.1/-	5.1/-	5.1/-	5.1/-
Energy Class	Mild/Warm/Cold		A+/A+++/-	A+/A+++/-	A+/A+++/-	A+/A+++/-
Pdesign Capacity (-10°C)		kW	2.4	2.8	4.6	5.6
Power Input	Nominal (Min-Max)	kW	0.75(0.3-1.4)	1.0(0.3-1.6)	1.40(0.52-2.5)	2.18(0.70-2.90)
Annual Energy Consumption		kWh/a	840	980	1610	1963
Operating Limits		°C	-15-24°C (out)	-15-24°C (out)	-15-24°C (out)	-15-24°C (out)
Power Supply	Ph/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/230/50
	Position		outdoor	outdoor	outdoor	outdoor
Indoor						
Net Dimension	W/D/H	mm	820/195/280	820/195/280	1008/225/318	1125/240/335
Package Dimension	W/D/H	mm	909/279/355	909/279/355	1085/329/403	1206/342/418
Net/Shipping Weight		kg	8.2/10.5	8.2/10.5	11.6/14.4	14/17.5
Air Flow (Cooling/Heating)	Max	m³/h	500	550	900	1200
Sound Power Level	Cooling (Hi)	dB(A)	54	56	57	60
	Heating (Hi)	dB(A)	54	56	57	60
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)	37/33/29/19	38/34/29/20	44/40/35/28	47/43/37/30
	Heating (Hi/Mid/Lo/So)	dB(A)	37/33/29/19	38/34/29/20	44/40/35/28	47/43/37/30
Moisture Removal		10-3m³/h	1	1.4	2.0	2.8
Outdoor						
Compressor			HIGHLY	HIGHLY	HIGHLY	HIGHLY
Net Dimension	W/D/H	mm	700/245/544	700/245/544	800/275/553	890/353/697
Package Dimension	W/D/H	mm	845/320/593	845/320/593	908/405/625	1046/460/780
Net/Shipping Weight		kg	22.8/25.3	23.5/26	32.7/36.5	47.3/52.3
Air Flow (Cooling/Heating)	Max	m³/h	2100	2100	2500	2900
Sound Power Level	Hi	dB(A)	62	63	65	65
Sound Pressure Level	Hi	dB(A)	49	50	53	52
Running Current	Max	A	6.2	7.1	11.3	13
Refrigerant Type	R410a/R32		R32	R32	R32	R32
Refrigerant Charge	R410a/R32	g	510	530	900	1200
Refrigerant Pipe	Liquid Side Diameter		6.35	6.35	6.35	6.35
	Gas Side Diameter		9.52	9.52	12.7	12.7
	Max Pipe Length/Height		20/10	20/10	25/15	25/15
	Max Pipe Length without Additional Charge		5	5	7	7
	Additional Charge		20	20	20	20

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB.(DB: Dry Bulb; WB: Wet Bulb)

For detailed information about ErP, please visit our page http://www.haier.com/ecodesign.

Nebula Green-Nordic

Stronger Performance, Better Experience

Self-Clean
Freezes the evaporator with moisture in the air, and removes away dirt in melting, to ensure clean air out of Haier air conditioners.

Wi-Fi Control (hOn)
Download the Haier hOn App to an Apple or Android smart device, and link the equipment to the smart device for system control from whenever and wherever you want.

-30℃ Heating
Provides powerful heating performance in freezing winter with rotary compressor, DC motor, optimized bottom plate, electric heating wire and special programme, etc.

Nebula Green-Nordic

Outdoor | Remote Controller | Wired Controller Transfer Kit | Wired Controller

Key Features
- Self-Clean
- WiFi Control (hOn)
- -30℃ Heating
- Freeze-Prevention Technology
- Compressor Preheating Technology
- 3D Airflow
- 10℃ Heating Maintenance

Model		Indoor	AS25S2SN1FA-NRC	AS35S2SN1FA-NRC	AS50S2SN1FA-NRC
		Outdoor	1U25S2SQ1FA-NR	1U35S2SQ1FA-NR	1U50S2SQ1FA-NR
Cooling					
Capacity	Nominal (Min-Max)	Btu/h	8870(2730-13310)	11940(3410-15350)	17740(4780-23880)
	Nominal (Min-Max)	kW	2.6(0.80-3.90)	3.5(1.00-4.50)	5.2(1.40-7.00)
Energy Efficiency	SEER/EER		8.5/4.33	7.8/3.60	7.4/3.61
Energy Class			A+++	A++	A++
Pdesign Capacity		kW	2.6	3.5	5.2
Power Input	Nominal (Min-Max)	kW	0.6(0.2-1.30)	0.97(0.3-1.4)	1.44(0.5-2.25)
Annual Energy Consumption		kWh/a	107	157	246
Operating Limits	Min-Max	℃	-15-43℃(out)	-15-43℃(out)	-15-43℃(out)
Heating					
Capacity	Nominal (Min-Max)	Btu/h	12280(2730-21500)	15350(3410-22520)	20470(5120-27300)
Capacity	Nominal (Min-Max)	kW	3.6(0.8-6.3)	4.5(1.00-6.60)	6.0(1.50-8.00)
Energy Efficiency	SCOP/COP (Mild)		4.6/4.30	4.6/3.80	4.6/3.80
	SCOP (Warm/Cold)		5.4/3.76	5.4/3.77	5.1/3.72
Energy Class	Mild/Warm/Cold		A++/A+++/A	A++/A+++/A	A++/A+++/A
Pdesign Capacity (-10℃)		kW	3.6	4	5.2
Power Input	Nominal (Min-Max)	kW	0.84(0.4-2.20)	1.18(0.4-2.35)	1.58(0.6-3.0)
Annual Energy Consumption		kWh/a	1095	1217	1582
Operating Limits		℃	-30-24℃(out)	-30-24℃(out)	-30-24℃(out)
Power Supply	Ph/V/Hz		1/230/50	1/230/50	1/230/50
	Position		outdoor	outdoor	outdoor
Indoor					
Net Dimension	W/D/H	mm	900/210/310	900/210/310	997/230/322
Package Dimension	W/D/H	mm	991/313/399	991/313/399	1085/329/403
Net/Shipping Weight		kg	11.5/14	11.5/14	13/16
Air Flow (Cooling/Heating)	Max	m³/h	650	700	900
Sound Power Level	Cooling (Hi)	dB(A)	54	56	57
	Heating (Hi)	dB(A)	55	57	58
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)	35/30/25/20	38/33/29/22	41/37/33/28
	Heating (Hi/Mid/Lo/So)	dB(A)	36/31/26/20	39/34/30/23	42/38/34/29
Moisture Removal		10-3m³/h	1.2	1.6	2
Outdoor					
Compressor			HIGHLY	HIGHLY	Mitsubishi
Net Dimension	W/D/H	mm	820/338/614	820/338/614	890/353/697
Package Dimension	W/D/H	mm	993/413/685	993/413/685	1046/460/780
Net/Shipping Weight		kg	38.5/42	38.5/42	45.5/49.5
Air Flow (Cooling/Heating)	Max	m³/h	2100	2200	2800
Sound Power Level	Hi	dB(A)	59	61	65
Sound Pressure Level	Hi	dB(A)	47	48	53
Running Current	Max	A	10.6	10.8	13
Refrigerant Type	R410a/R32		R32	R32	R32
Refrigerant Charge	R410a/R32	g	1000	1000	1200
Refrigerant Pipe	Liquid Side Diameter		6.35	6.35	6.35
	Gas Side Diameter		9.52	9.52	12.7
	Max Pipe Length/Height		20/10	20/10	25/15
	Max Pipe Length without Additional Charge		7	7	7
	Additional Charge		20	20	20

Rating Conditions: Cooling Indoor 27℃ DB / 19℃ WB. Cooling Outdoor 35℃ DB / 24℃ WB. Heating Indoor 20℃ DB. Heating Outdoor 7℃ DB / 6℃ WB.(DB: Dry Bulb; WB: Wet Bulb)

For detailed information about ErP, please visit our page http://www.haier.com/ ecodesign.

Golden Airflow
With unique air circulation system, conventional 10℃ cold airflow is changed to 23℃ golden airflow.

Golden Air Quality
Advanced LIEP purification technology removes airborne pollutants with efficiency up to 99.9%.

Self-Clean
Freezes the evaporator with moisture in the air, and removes away dirt in melting, to ensure clean air out of Haier air conditioners.

Outdoor   Remote Controller

Key Features

Balanced Temperature

LIEP

Self-Clean

Whispering Air

WiFi Control

-15°C Heating

Comfortable Sleep

Model		Indoor	AP71UFAHRA
		Outdoor	1U71REAFRA
Cooling			
Capacity	Nominal (Min-Max)	Btu/h	24570(3070-30370)
	Nominal (Min-Max)	kW	7.2(0.9-8.9)
Energy Efficiency	SEER/EER		7.0/3.23
Energy Class			A++
Pdesign Capacity		kW	7.2
Power Input	Nominal (Min-Max)	kW	2.23(0.12-2.8)
Annual Energy Consumption		kWh/a	360
Operating Limits	Min-Max	℃	-10-43℃ (out)
Heating			
Capacity	Nominal (Min-Max)	Btu/h	27302(3070-35830)
Capacity	Nominal (Min-Max)	kW	8.0(0.9-10.5)
Energy Efficiency	SCOP/COP (Mild)		4.0/3.71
	SCOP (Warm/Cold)		4.2/-
Energy Class	Mild/Warm/Cold		A+/A+/-
Pdesign Capacity (-10℃)		kW	5.5
Power Input	Nominal (Min-Max)	kW	2.15(0.19-2.8)
Annual Energy Consumption		kWh/a	1925
Operating Limits		℃	-15-24℃ (out)
Power Supply	Ph/V/Hz		1/230/50
	Position		indoor
Indoor			
Net Dimension	W/D/H	mm	505/330/1810
Package Dimension	W/D/H	mm	640/455/1990
Net/Shipping Weight		kg	47/59
Air Flow (Cooling/Heating)	Max	m³/h	1200
Sound Power Level	Cooling (Hi)	dB(A)	62
	Heating (Hi)	dB(A)	63
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)	45/42/34/26
	Heating (Hi/Mid/Lo/So)	dB(A)	45/42/34/26
Moisture Removal	10-3m³/h		4.25
Outdoor			
Compressor			Mitsubishi
Net Dimension	W/D/H	mm	890/353/697
Package Dimension	W/D/H	mm	1046/460/780
Net/Shipping Weight		kg	47/52
Air Flow (Cooling/Heating)	Max	m³/h	/
Sound Power Level	Hi	dB(A)	69
Sound Pressure Level	Hi	dB(A)	56
Running Current	Max	A	14.5
Refrigerant Type	R410a/R32		R32
Refrigerant Charge	R410a/R32	g	1600
Refrigerant Pipe	Liquid Side Diameter		6.35
	Gas Side Diameter		12.7
	Max Pipe Length/Height		20/10
	Max Pipe Length without Additional Charge		7
	Additional Charge		20

Rating Conditions: Cooling Indoor 27℃ DB./ 19℃ WB. Cooling Outdoor 35℃ DB / 24℃ WB. Heating Indoor 20℃ DB. DB./ 6℃ WB.(DB: Dry Bulb; WB: Wet Bulb)

For detailed information about ErP, please visit our page http://www.haier.com/ecodesign.

Cabinet

Vertical Airflow
953mm ultra-long air outlet allows more air out and more powerful cooling experience.

Self-Clean
Freezes the evaporator with moisture in the air, and then removes away dirt melting, ensuring clean air out of the air conditioner.

WiFi Control
Download the Haier Smart Air app to your phone, and link the equipment to a smart device for system control whenever and wherever you want.

Cabinet

| | | Outdoor | Remote Controller |

Model		Indoor	AP71DFCHRA
		Outdoor	1U71RECFRA
Cooling			
Capacity	Nominal (Min-Max)	Btu/h	24570(3070-30370)
	Nominal (Min-Max)	kW	7.2(0.9-8.9)
Energy Efficiency	SEER/EER		7.0/3.23
Energy Class			A++
Pdesign Capacity		kW	7.2
Power Input	Nominal (Min-Max)	kW	2.23(0.12-2.8)
Annual Energy Consumption		kWh/a	360
Operating Limits	Min-Max	℃	-10-43℃ (out)
Heating			
Capacity	Nominal (Min-Max)	Btu/h	27302(3070-35830)
Capacity	Nominal (Min-Max)	kW	8.0(0.9-10.5)
Energy Efficiency	SCOP/COP (Mild)		4.0/3.72
	SCOP (Warm/Cold)		4.2/-
Energy Class	Mild/Warm/Cold		A+/A+/-
Pdesign Capacity (-10℃)		kW	5.5
Power Input	Nominal (Min-Max)	kW	2.15(0.19-2.8)
Annual Energy Consumption		kWh/a	1925
Operating Limits		℃	-15-24℃ (out)
Power Supply	Ph/V/Hz		1/230/50
	Position		indoor
Indoor			
Net Dimension	W/D/H	mm	377/407/1810
Package Dimension	W/D/H	mm	525/555/1935
Net/Shipping Weight		kg	34/45
Air Flow (Cooling/Heating)	Max	m³/h	1200
Sound Power Level	Cooling (Hi)	dB(A)	62
	Heating (Hi)	dB(A)	63
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)	45/42/34/26
	Heating (Hi/Mid/Lo/So)	dB(A)	45/42/34/26
Moisture Removal		10-3m³/h	4.25
Outdoor			
Compressor			Mitsubishi
Net Dimension	W/D/H	mm	890/353/697
Package Dimension	W/D/H	mm	1046/460/780
Net/Shipping Weight		kg	47/52
Air Flow (Cooling/Heating)	Max	m³/h	/
Sound Power Level	Hi	dB(A)	69
Sound Pressure Level	Hi	dB(A)	56
Running Current	Max	A	14.3
Refrigerant Type	R410a/R32		R32
Refrigerant Charge	R410a/R32	g	1600
Refrigerant Pipe	Liquid Side Diameter		6.35
	Gas Side Diameter		12.7
	Max Pipe Length/Height		20/10
	Max Pipe Length without Additional Charge		7
	Additional Charge		20

Key Features

- WiFi Control
- Self-Clean
- Vertical Airflow
- 3D Airflow
- -15℃ Heating
- Comfortable Sleep

Rating Conditions: Cooling Indoor 27℃ DB / 19℃ WB. Cooling Outdoor 35℃ DB / 24℃ WB. Heating Indoor 20℃ DB. Heating Outdoor 7℃ DB / 6℃ WB.(DB: Dry Bulb; WB: Wet Bulb)

For detailed information about ErP, please visit our page http://www.haier.com /ecodesign.

Portable

Strong Airflow
Cools down the whole room with auto-swing function.

Dry Function
Adjusts the fan speed to achieve dehumidification.

Self-Diagnosis
Shows error code when it malfunctions.

Portable

9K   12K

Model	AM09AA1TAA	AM09AA1GAA	AM12AA1TAA	AM12AA1GAA
Cooling capacity (Btu/h)	9000	9000	12000	12000
Cooling capacity (W/h)	2600w	2600w	3500	3500
Heating capacity (Btu/h)	N/A	9895	N/A	11260
Heating capacity (W/h)	N/A	2900	N/A	3300
Energy level (EER value)	A (2.61)	A (2.61)	A (2.61)	A (2.61)
Energy level (COP value)	/	2.8	/	A (2.75)
Power supply	220-240-/50Hz	220-240-/50Hz	220-240-/50Hz	220-240-/50Hz
Refrigerant Type	R290	R290	R290	R290
Refrigerant charge	235(g)	235(g)	245(g)	245(g)
Rated input (W)	1050	1050 for cooling / 1000 for heating	1370	1370 for cooling / 1350 for heating
EER Level (W/W)	2.61	2.61	2.61	2.61
Rated currency (A)	4.8	4.8	5.9	5.9
Moisture removal	0.9	0.9	1.2	1.2
Air circulation	350m³/h	350m³/h	350m³/h	350m³/h
Noise level dB(A)(H/M/L)	56/54/52	56/54/52	56/54/52	56/54/52
Body size	815/443/340mm	815/443/340mm	815/443/340mm	815/443/340mm
Packing size	880/480/435mm	880/480/435mm	880/480/435mm	880/480/435mm
Weight	25/30kg	25/30kg	28/33kg	28/33kg
Loading 20' GQ	126	126	126	126
Loading 40' GQ	258	258	258	258
Loading 40' HQ	385	385	385	385

Key Features

Design
Appearance
Innovative & Compact Design
Display
LED Display
Control
Ergonomic design of control panel

Smart
Air Flow
Cool down the room quickly with auto-swing function
Air Outlet
The air outlet can open and close automatically when switch on/off
Self-Diagnosis
Show the error code when the unit has a malfunction
24h Timer
Switch on/off the unit whenever you want

Friendly
Draining
Two drain ports, both auto-draining and manual draining are available
Universal Wheels
The unit can be moved to wherever you wish
Controller Bracket
Special design to hold the remote controller helps avoid losing
For Easy Storage
The power cable can be held for easier storage.

Performance
Multi-Function
Can be used as AC/ Fan/Dehumidifier in you home or office
Strong Performance
Strong cooling capacity Strong airflow (350m3/hr, 9k model)
Low Noise
48dB(A) at low fan speed

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB.(DB: Dry Bulb; WB: Wet Bulb)

For detailed information about ErP, please visit our page http://www.haier.com/ecodesign.

Dehumidifier

Fast Drying
Lowers room air humidity and dries clothes quickly.

Large Capacity
Uses 2L water tank and sends alert when it is full.

Compact Design
Takes less space and is easier to move.

Dehumidifier

AG10AA1TAA/AG12AA1TAA

AG16AB2TAA/AG20AB2TAA

Model	AG10AA1TAA	AG12AA1TAA	AG16AB2TAA	AG20AB2TAA
Capacity (L/D)	10	12	16	20
Power (V-,Hz)	220-240V/50hZ	220-240V/50hZ	220-240V/50hZ	220-240V/50hZ
Input Power (W)	240	240	255	400
Current (A)	1.1	1.1	1.1	1.7
Air Flow (m³/h))	80	80	130	150
Noise (High dB(A))	42	42	44	45
Applicable Area (m²)	10-12	12-15	20-25	25-30
Water Tank (L)	1.8	1.8	2.0	2.0
Loading Qty	750/1550/1850	750/1550/1850	596/1244/1550	596/1244/1550
Body Size (W/H/D)	296/416/217	296/416/217	292/501/190	292/501/190
Package Size(W/H/D))	342/445/261	342/445/261	248/343/524	248/343/524
Net/GrossWeight	9.5/10.5kg	9.5/10.5kg	10/12kg	12/15kg

Key Features

Auto-swing function, speed up drying clothes.

Water full alarm function.

Auto restart function.

Low noise.

LED display.

High-capacity water tank design2.0 liter.

Casters for easily moving.

Concise apperance design, no screws on the outside.

Small body with high loading quantity,save logistics cost.

High and low two wind speed adjustable.

Good dehumidifying capacity, long distance air supply.

One button auto-dehumidifying function.

Automatically draining function.

24-hour timer function.

Power failure memory function.

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB, Cooling Outdoor 35°C DB / 24°C WB, Heating Indoor 20°C DB, Heating Outdoor 7°C DB / 6°C WB.(DB: Dry Bulb; WB: Wet Bulb)

For detailed information about ErP, please visit our page http://www.haier.com/ecodesign.

Multi Outdoor

Model/Outdoor unit			2U40S2SM1FA	2U50S2SM1FA-3
Indoor unit combinations			2	2
Outdoor unit				
Electrical Parameters		Ph/V/Hz	1/230/50	1/230/50
Performance		m3/h	2200	2400
		dB(A)	62	63
		dB(A)	56	56
Installation		mm	800/275/553	800/275/553
		mm	954/409/625	954/409/625
		kg	34.0/37.0	36.0/39.0
			Twin Rotary	Twin Rotary
			R32	R32
			675	675
		mm	2x6.35	2x6.35
		mm	2x9.52	2x9.52
		m	30	30
		m	20	20
		m	15	15
		m	15	15
		kg	1.0	1.1
	Maximum pipe length without charge refrigerant	m	20	20
	Refrigerant charge quantity for extra length	g/m	20	20
Working temp.		℃	-10-43	-10-43
		℃	-15-24	-15-24

Match list	Jade Supermatch			Expert/Flexis Plus/Flair Plus					Pearl/Tundra Plus				Tide Plus		
	25	35	50	20	25	35	42	50	20	25	35	50	25	35	50
2U40S2SM1FA	●	●		●	●	●			●	●	●		●	●	
2U50S2SM1FA-3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Dimensional Indoor

Jade Super Match

AS25S2SJ1FA-3/AS35S2SJ1FA-3

923 | 215 | 320

AS50S2SJ1FA-3

1050 | 235 | 350
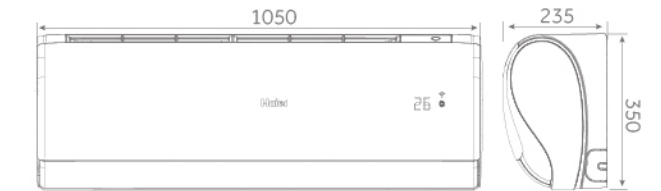
Expert

AS20XCAHRA/AS25XCAHRA/AS35XCAHRA/AS42XCAHRA/AS50XCAHRA

895 | 236 | 313

Flexis Plus

AS25S2SF1FA-MB3/AS25S2SF1FA-MW3
AS35S2SF1FA-MB3/AS35S2SF1FA-MW3
AS42S2SF1FA-MB3/AS42S2SF1FA-MW3

856 | 197 | 300

AS50S2SF1FA-MB3/AS50S2SF1FA-MW3

999 | 225 | 323

AS71S2SF1FA-MB3/AS71S2SF1FA-MW3

1115 | 235 | 343

Flair Plus

AS25S2SF2FA-3/AS35S2SF2FA-3
AS42S2SF2FA-3

870 | 196 | 301

AS50S2SF2FA-3

1009 | 223 | 327

Dimensional Indoor

Flair Plus

AS71S2SF2FA-3

1126 | 230 | 337

Pearl

AS25PBAHRA/AS35PBAHRA

805 | 200 | 290

AS50PDAHRA/AS68PDAHRA

975 | 220 | 320

Tundra Plus

AS25TAEHRA-CLC/AS35TADHRA-CLC

820 | 195 | 280

AS50TDDHRA-CLC

1008 | 225 | 318

AS68TEDHRA-CLC

1125 | 240 | 335
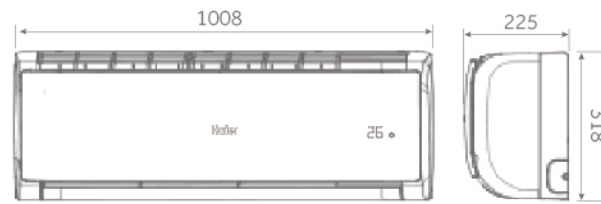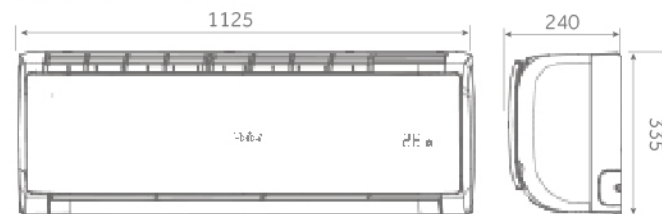
Tide Plus

AS25TDMHRA-C/AS35TDMHRA-C

820 | 195 | 280

AS50TDMHRA-C

1008 | 225 | 318
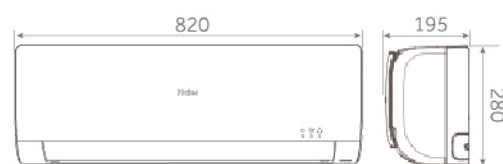
Tide Plus

AS68TEMHRA-C

1125 | 240 | 335

Nebula Green-Nordic

AS25S2SN1FA-NRC/AS35S2SN1FA-NRC

900 | 210 | 310

AS50S2SN1FA-NRC

997 | 230 | 322

All Comfort

AP71UFAHRA

505 | 330 | 1810 | 330 | 505
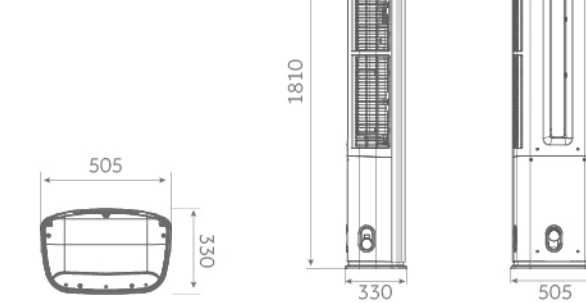
Cabinet

AP71DFCHRA

377 | 1810 | 377 | 407 | 407
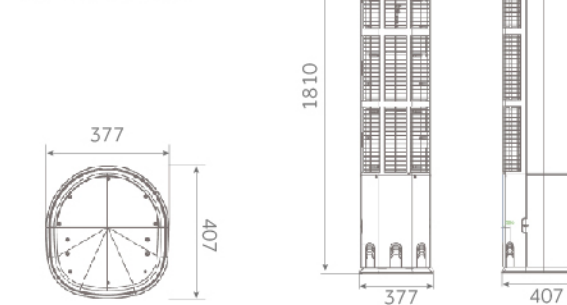
Dimensional Outdoor

Jade Super Match

1U25MECFRA-3/1U35MECFRA-3

860 · 800 · 553 · 510 · 275 · 313 · 347

1U50JECFRA-3

889 · 820 · 614 · 590 · 338 · 324 · 365
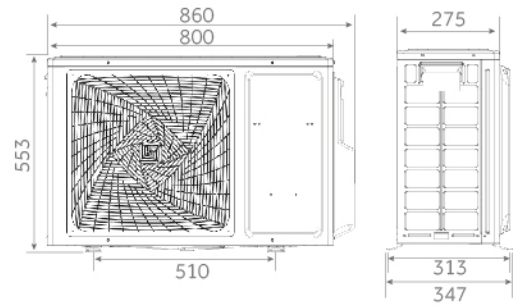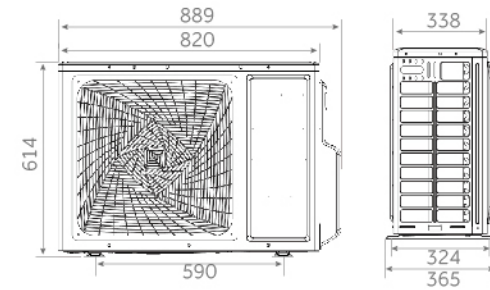
Expert/Flexis Plus/Flair Plus

1U25S2SM1FA-2/ 1U35S2SM1FA-2
1U42S2SM1FA/
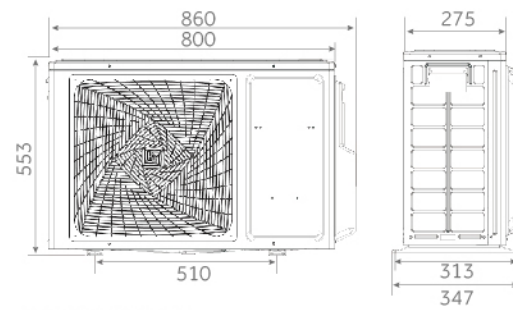
860 · 800 · 553 · 510 · 275 · 313 · 347

1U50S2SJ2FA
1U50S2SJ2FA-1

889 · 820 · 614 · 590 · 338 · 324 · 365

1U71S2SR2FA

986 · 890 · 697 · 628 · 353 · 364 · 405

Pearl

1U25YEGFRA-1/1U35YEGFRA-2

764 · 700 · 544 · 440 · 245 · 269 · 295

1U50MEGFRA

860 · 800 · 553 · 510 · 275 · 313 · 347
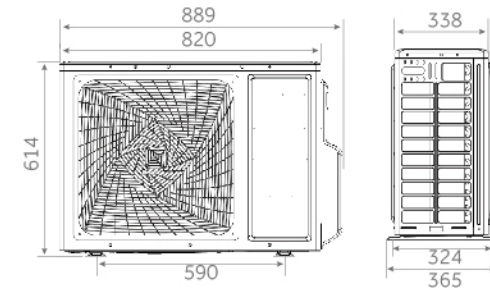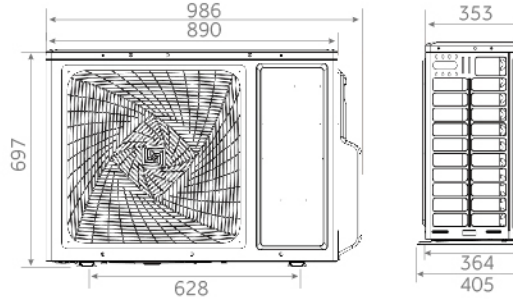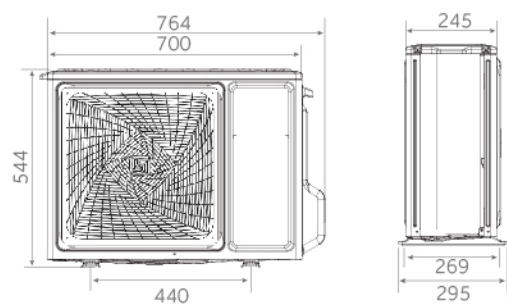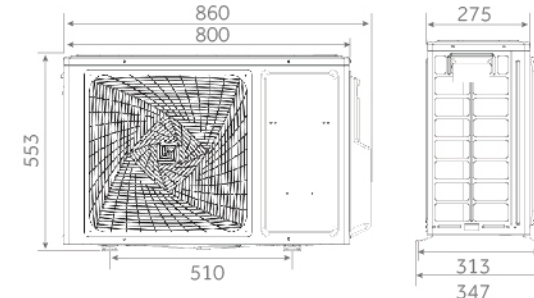
Dimensional Outdoor

Pearl

1U68WEGFRA

968 · 890 · 705 · 630 · 340 · 374 · 400
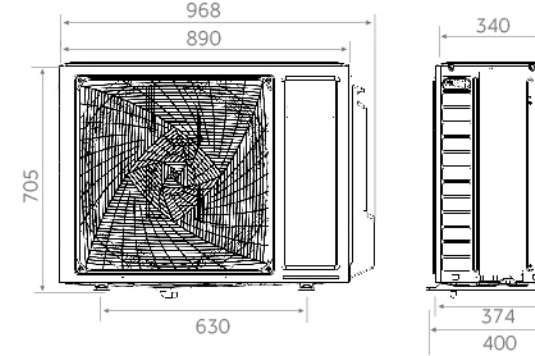
Tundra Plus

1U25YEFFRA-1

764 · 700 · 544 · 440 · 245 · 269 · 295

1U35MEEFRA-1/1U50MEGFRA

860 · 800 · 553 · 510 · 275 · 313 · 347

1U68REEFRA

986 · 890 · 697 · 628 · 353 · 364 · 405
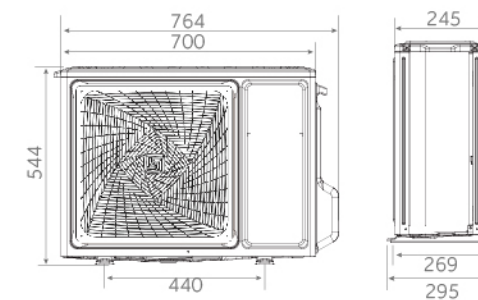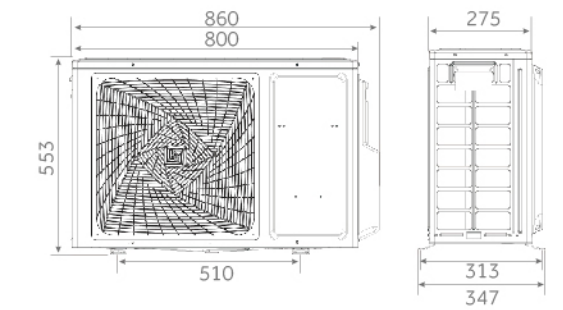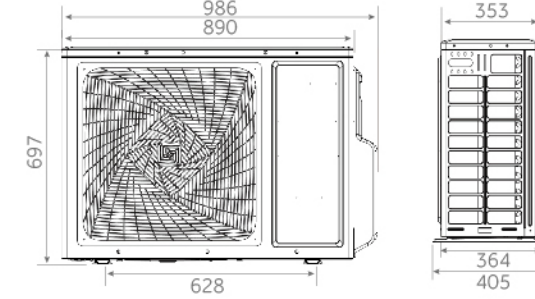
Tide Plus

1U25YEFFRA-C/1U35YEFFRA-C

764 · 700 · 544 · 440 · 245 · 269 · 295

1U50MEMFRA-C

860 · 800 · 553 · 510 · 275 · 313 · 347
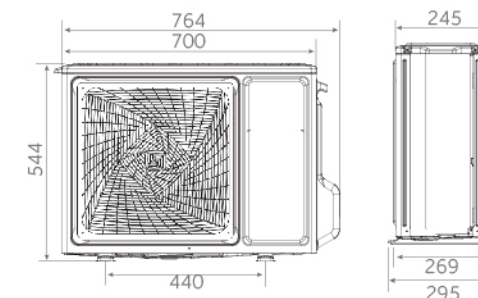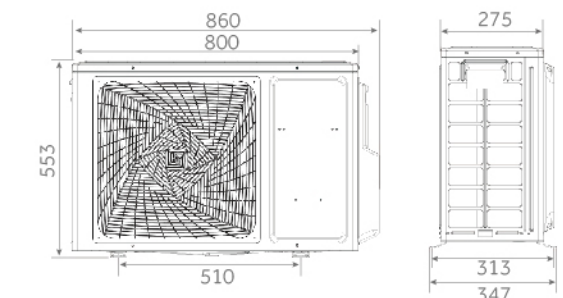
Dimensional Outdoor

Haier Air Conditioning

Tide Plus

1U68RENFRA-C

986
890
697
364
405
628
353
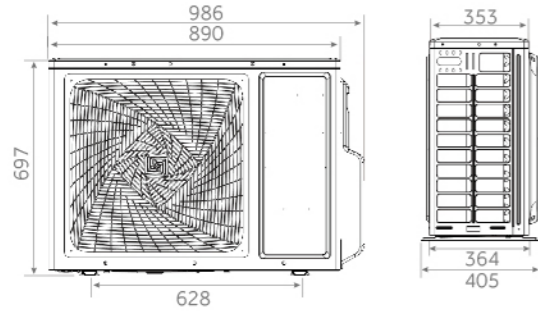
Nebula Green-Nordic

1U25S2SQ1FA-NR/1U35S2SQ1FA-NR

889
820
614
324
365
590
338

1U50S2SQ1FA-NR

986
890
697
364
405
628
353

All Comfort

1U71REAFRA

986
890
697
364
405
628
353

Cabinet

1U71RECFRA

986
890
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364
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628
353
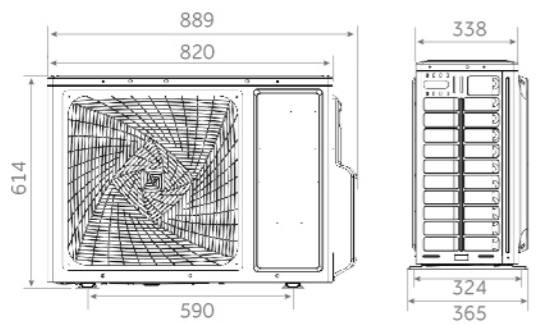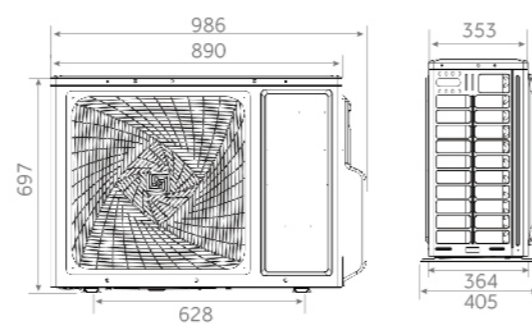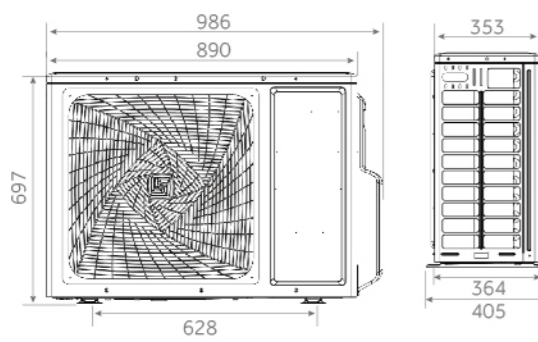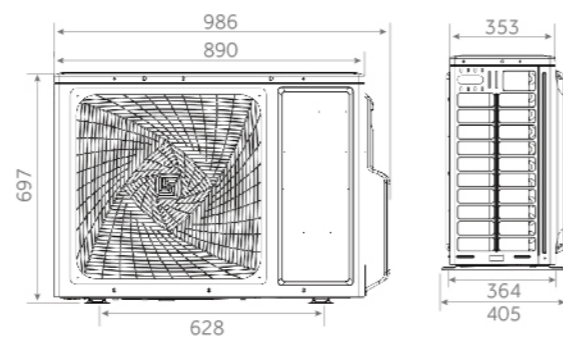
Multi Outdoor

2U50S2SM1FA-3/2U40S2SM1FA

860
800
553
313
347
510
275

Haier Air Conditioning