Hisense HVAC

COMMERCIAL AIR CONDITIONING

Hi-FLEXi S5

Product Catalogue

Reimagine your solution

Hisense

Qingdao Hisense HVAC Equipment Co., Ltd.
Hisense International Center, Qingdao, China

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CE CB ISO14001 ISO9001 ISO81001 HCAC-VRF-EU202412S5

Hisense HVAC

Hisense SINCE 1969

Hisense is a well-known large-scale electronic information industrial group. With strong emphasis on technology and innovation, its efficient technological innovation system firmly grounds Hisense at the forefront of its peers. At present, Hisense brand family has expanded to include multiple famous brand Hisense, Toshiba, Gorenje and ASKO.

SINCE 1969

BUSINESS LAYOUT

Multimedia

TV and Display Devices
Internet TV Operation
Mobile Communication Devices
Optical Communication
Devices
Chip

Household Appliances

Refrigerator
Freezer
Air-conditioner
Washing Machine
Kitchen Appliance

IT Smart Systems

Smart City
Smart Community
Smart Transportation
Smart Business
Medical Electronic Devices
Smart Home System and Service

Real Estate & Modern Services

Real Estate
High-end Plaza Chains
Mould Design and Manufacturing
Finance
Trade

GLOBAL HISENSE SINCE 1969

Hisense has started a long-term sports marketing strategy to increase brand awareness worldwide. After the successful sponsorship of **UEFA EURO 2016 & 2020 & 2024** and **FIFA WORLD CUP 2018 & 2022**, Hisense has made clear its focus on football. Hisense also is the official partner of **2025 FIFA World Cup.**

2016

Official Partner of
UEFA EURO 2016

2018

Official Sponsor of
2018 FIFA World Cup

2020

Official Partner of
UEFA EURO 2020

2022

Official Sponsor of
2022 FIFA World Cup

2024

Official Partner of
UEFA EURO 2024

2025

Official Partner of
2025 FIFA World Cup

Hisense HVAC MANUFACTURING BASE

Qingdao Hisense HVAC Equipment Co. Ltd. is a leading manufacturer of heating, ventilation, air conditioning and other HVAC equipments, integrated with the product development, manufacturing, sales and after-sales service as a whole.

Hisense HVAC always regards product technology research and development as the most important value. With strong technological innovation capabilities, Hisense HVAC has participated in the formulation and revision of 112 national standards, industry standards and association standards, and boasts 2020 authorized patents in the field of CAC and heat pump products. With the great support of all shareholders and customers, Hisense HVAC is expected to become the leading brand in the industry.

Note: The above data is as of December 2024.

266,000 m^2
Manufacturing Area

40+
Production Line

6,000,000 units/year
Production Capacity

16,700 m^2/70+
Laboratory

The Guiding Light of Manufacturing

The World's First

VRF Lighthouse Factory

HISENSE HVAC PROFESSIONAL ENGINEERING TOOLS & SUPPORT

iCare

Beyond Your Expectation

Hisense HVAC is committed to providing a comprehensive suite of air conditioning solutions. Our services span every stage of the customer journey — from product development, pre-sales support, and quotation & purchase, to installation & commissioning, use & experience, and after-sales service. At Hisense HVAC, we consistently deliver enhanced support to ensure our customers receive unparalleled assistance.

Introducing our iCare vision, Hisense HVAC is taking a step further to elevate our technical support and after-sales service, reaffirming our commitment to customer satisfaction.

Customer Oriented

Hisense HVAC boasts over 50 technical and service teams strategically positioned worldwide to offer prompt local support. With more than 5 regional spare parts centers and 20+ national spare parts warehouses, we ensure high-quality and swift spare part supply. Furthermore, R&D centers in Europe and America are currently under construction.

Reliable Service Anytime and Anywhere be with You

We've established a comprehensive all-media after-sales service system, ensuring reliable assistance anytime and anywhere.

Informatization Unified HVAC Application Platform

Hisense has built the technical platform matrix which including the product selection software, CAD Hi-Design software, BIM, service platforms GCSS, GSD, GKP and so on.

Ability Focus on Full Cycle Training Support

The Hisense HVAC Academy was founded to offer a range of training courses for our staff and partners, with the goal of consistently enhancing the HVAC expertise of engineers, installers, and service agents.

5000m² training center in HQ
10+ training center globally
Skilled training team in HQ

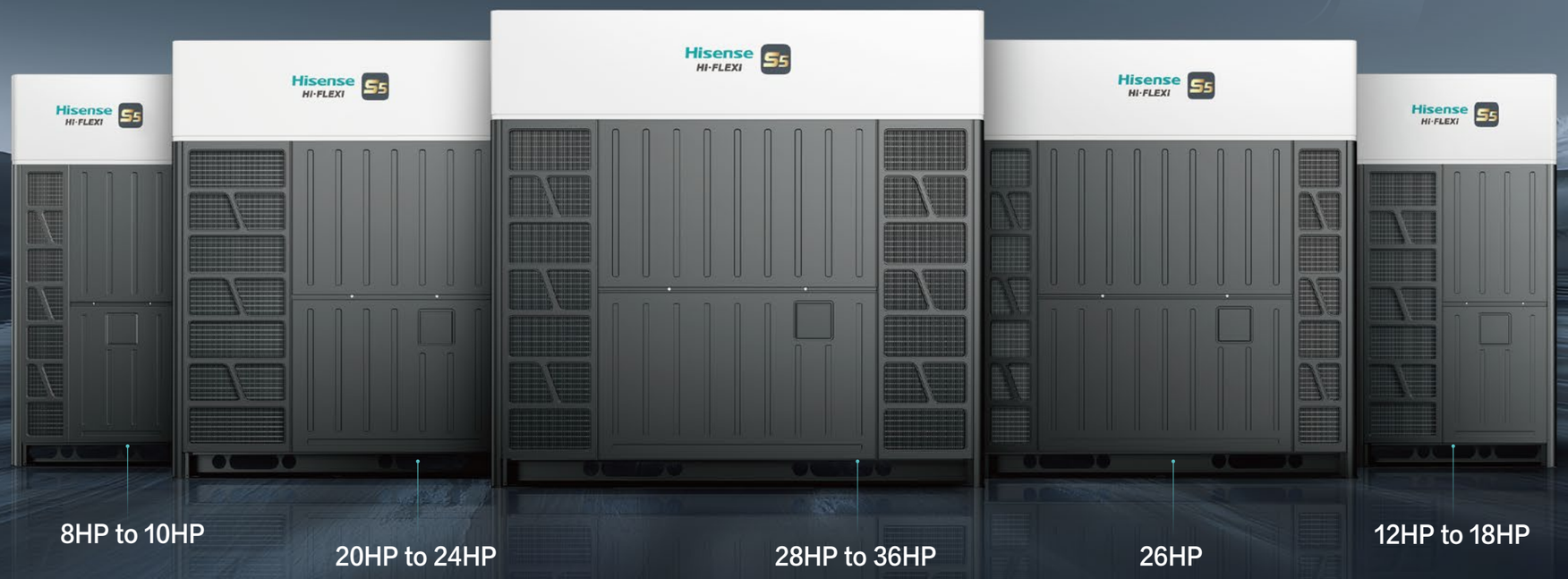
Hisense HVAC ACADEMY

5+ practice operation room
Real machine teaching
Live training online

Excellence Pursuit Enhancing User Experience Continuously

The technical and service team not only serves as the business's service provider but also champions excellent products. Hisense is actively promoting the application of Cloud AI and NFC in HVAC.

S5 series, Hisense revolutionary new-generation VRF system, is designed to upgrade your full-cycle experience. With a max. ca+ pacity of up to 36HP for single module and 108HP with three modules combination, it sets a new benchmark in cutting-edge technology. Choose S5 series, and reimagine your solutions in efficiency, reliability, flexibility, indoor comfort, and smart control.



IP55 Electrical Control Box:

- Smaller size
- Fully-sealed
- PCB Micro-channel Refrigerant Cooling
- Ventilation Fans

Larger fan with higher airflow and lower noise

DC Fan Motor

High Efficiency
Dual G-shape Heat Exchanger

NFC Easy Access

- **E**nhanced **V**apor **I**njection DC Scroll Compressor
- Electromagnetic Heating Technology

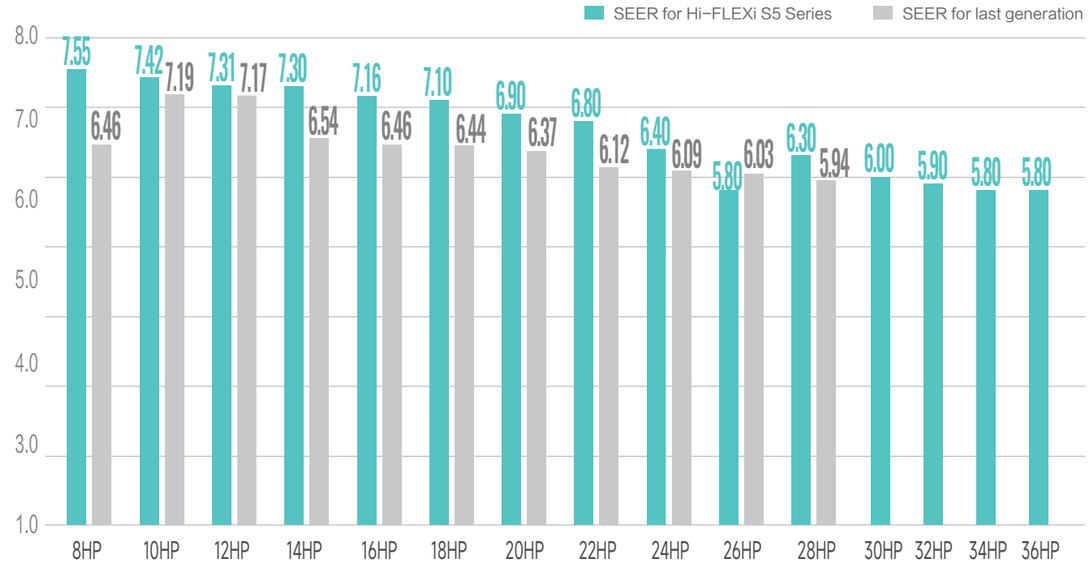
CONTENTS

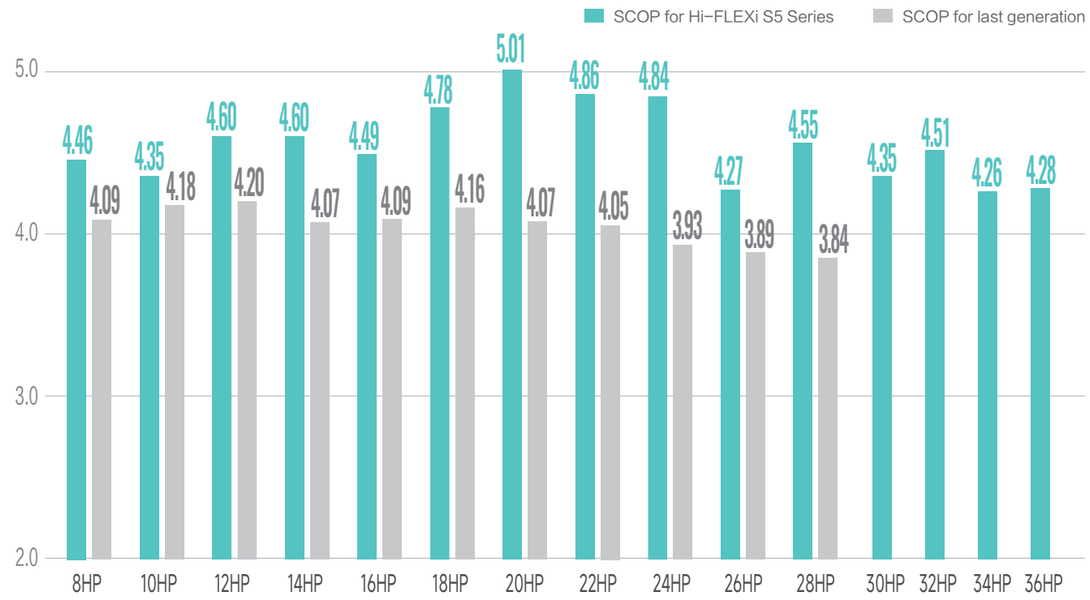
SUSTAINABLE SOLUTION

- Higher SEER and SCOP, Lower Energy Consumption
- Electromagnetic Heating Technology
- Energy-saving DC Inverter Technology
- 2W Standby Mode
- Intelligent Demand Mode

▶ Higher SEER and SCOP, Lower Energy Consumption

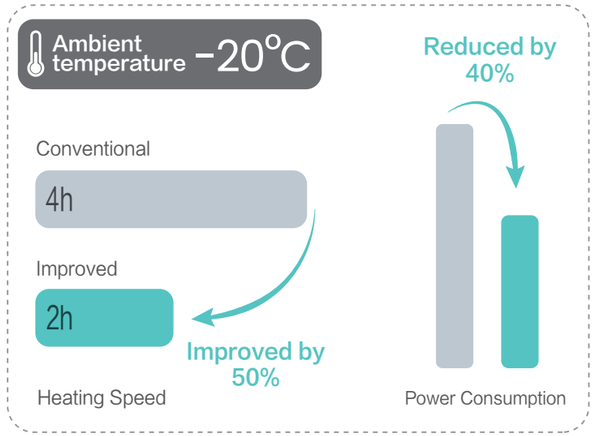
By using energy-saving components and various intelligent technologies, Hisense Hi-FLEXi S5 series provide an SEER up to 7.55 and SCOP to 5.01. Compared with that of the previous generation, the overall energy saving performance is further improved, reducing investment costs.

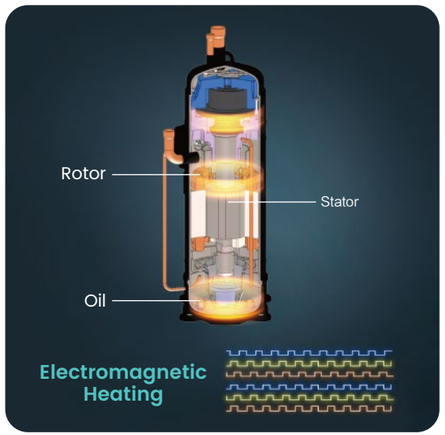




▶ Electromagnetic Heating Technology

The new generation of compressor adopts electromagnetic heating technology, which directly heat the lubricating oil inside the fixed rotor instead of traditional external electric heating belt. With this technology, power consumption can be reduced by 40% and the heating speed improved by 50%.





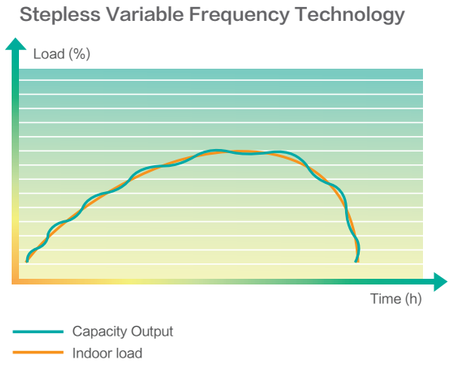
▶ 2W Standby Mode

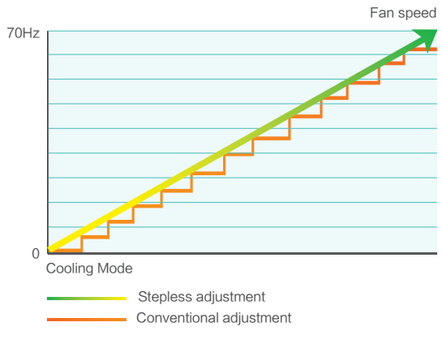
During long−term standby periods such as holiday or transition season, traditional devices often result in unnecessary energy waste. Hisense S5 Series tackles this issue with its innovative 2W standby mode and circuit design, which not only saves on your electricity bills but also contributes to environmental protection, making the S5 Series a smart choice for both your wallet and the planet.

Note: The function is curretnly being upgraded.

▶ Energy-saving DC Inverter Technology

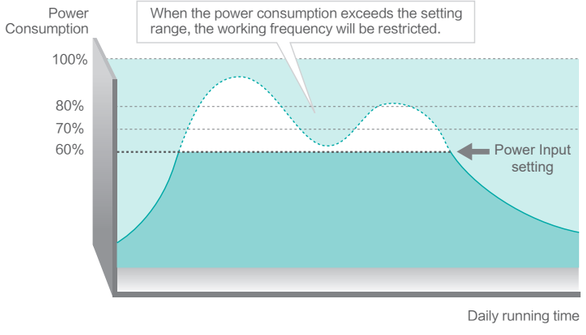
Hi−Flexi S5 series adopts wide−range, high−precision inverters with an adjustment range from 0 to 480Hz and control accuracy up to 0.01Hz. It allows for more accurate and dynamic distribution of refrigerant flow based on indoor load, with better indoor comfort and higher energy efficiency.

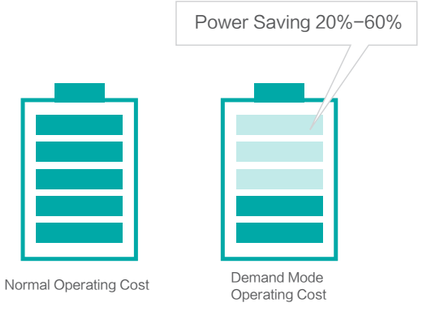




▶ Intelligent Demand Mode

In the intelligent demand mode, S5 series seamlessly adapts to the peak−valley demand for electricity. It automatically optimize the unit's operational efficiency during peak hours and make full use of electricity during off−peak times. This achieves a balance between comfort and energy saving, while meeting all your daily power needs without interruption.





STABLE OPERATION

- Wide Operation Range
- Resistant to Harsh Environments
- Enhanced Vapor Injection (EVI) DC Scroll Compressor
- Full Utilization of Oil
- Dual G-shape Heat Exchanger
- Independent Control of Heat Exchanger
- Optimized Refrigerant Circuit
- Two-stage Subcooling
- Aerodynamic Axial Fan
- IP55 Electrical Control Box
- Multiple Backup Operation
- Smart Rotation Operation
- Anti-corrosion Treatment(Optional)

Wide Operation Range

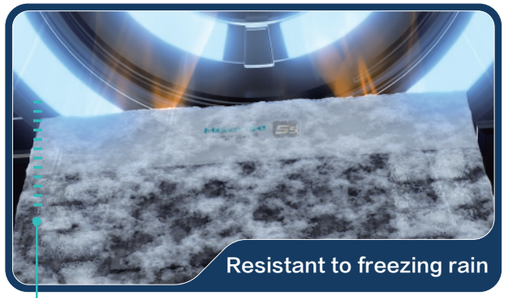
Hisense Hi-FLEXi S5 series can operate in a wide ambient temperature range as low as -30℃ for heating and up to 55℃ for cooling, ensuring efficient operation in a variety of extreme weather conditions.

Resistant to Harsh Environments

The Hi-FLEXi S5 series has been rigorously tested in a variety of harsh environments, including extreme heat and humidity, freezing rain, heavy snowfall, severe typhoons, and even strong earthquakes, etc. These comprehensive tests have consistently proven its exceptional quality and reliable performance, even under the most challenging conditions.

Resistant to extreme heat and humidity

Test Condition: Tested for 24 hours at 60℃ with 95% humidity



Resistant to freezing rain

Test Condition: Sprayed with a water flow rate of (12.5 ± 0.625) L/min until ice formation reaches 6mm, and then operated continuously at -7℃ for over 3 hours

Resistant to severe typhoon

Test Condition: Tested for 10 minutes at a simulated hurricane wind speed of 61.2m/s (Category 17)

Resistant to M9 earthquake

Test Condition: Continuous testing under simulated magnitude 8 to 9 earthquake without any additional protection structure

▶ Enhanced Vapor Injection (EVI) DC Scroll Compressor

The new-generation DC inverter scroll compressor features enhanced vapor injection technology. It offers an ultra-wide speed range of 10 to 150 rps, which broadens the adjustment range of unit capacity, and supports a condensing temperature of up to 65℃. Additionally, its high-speed, reduced-noise design minimizes vibration and noise during operation.

Enhanced vapor injection (EVI) technology

Increase compressor capacity, broaden operating range, and improve product performance

Injection pipe check valve

Decrease pressure pulsation, and reduce pipeline vibration

Intermediate pressure servo mechanism

- Dynamic adjustment of intermediate pressure
- Realize the axial flexible meshing of movable and fixed scroll disks

Plug-in concentrated winding motor

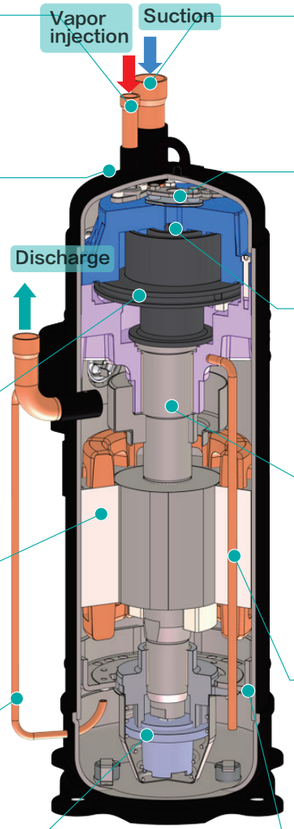
- Lower coil height, reduced copper loss
- More efficient, and less current required

Dynamic oil balance tube

Achieves dynamic oil volume balance in parallel compressors to ensure reliability

Large-capacity gear oil pump

Ensure the sufficient oil supply at both high and low frequency



Direct suction

Lower preheating for suction, and higher volumetric efficiency

Pressure relief valve

Increase the efficiency and enhance the reliability under large-load operation

Asymmetric Scroll

Reduce the leakage loss of the compressor

Composite material bearing

Adopt PTFE sintered copper alloy bearing with low vibration and small noise

Internal oil circulation tube

Achieve internal circulation of lubricating oil, reducing over heat loss and the oil discharge rate

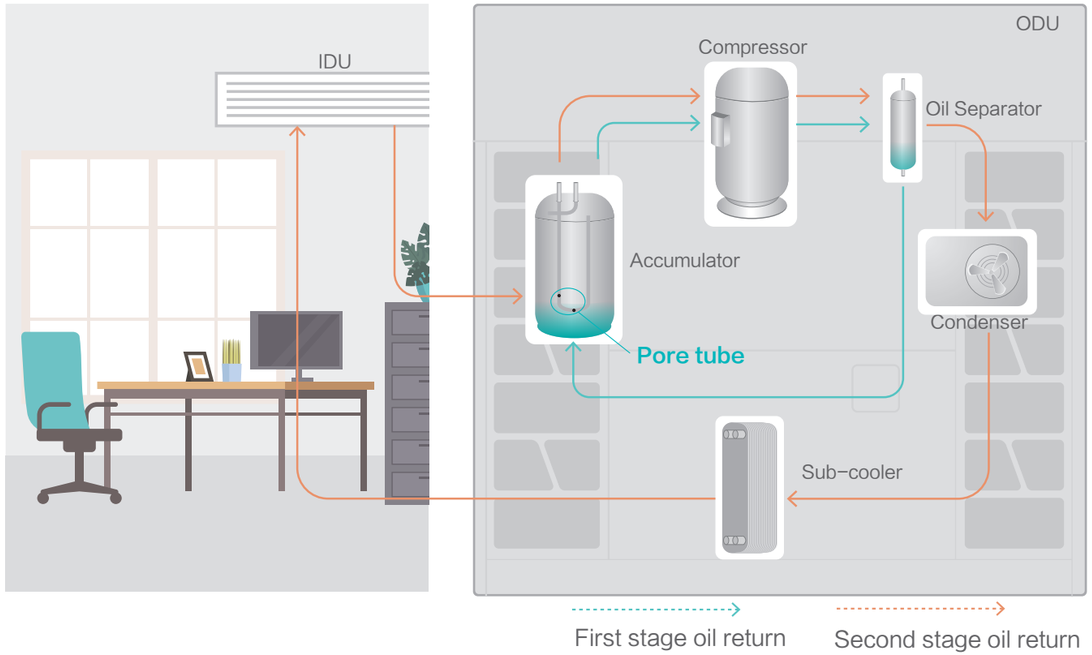
High-pressure chamber structure

Large exhaust buffer chamber to reduce noise and vibration during high frequency operation

▶ Full Utilization of Oil

Oil Return

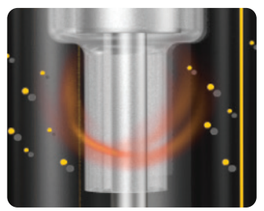
The system will initiate oil return to control the oil level of the compressor within a certain range based on its running frequency and operating time, thus avoiding compressor failure caused by insufficient lubrication.



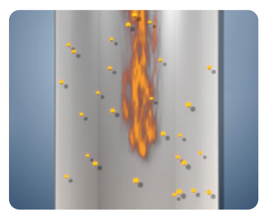
Oil Separation

Inside the compressor, the internal oil level is stabilized through blocking, centrifugal, and gravity oil separation, ensuring minimal oil is drawn out of the compressor.
Outside the compressor, the small amount of oil discharged from the compressor is separated again by an independent oil separator, achieving an overall separation efficiency of up to 99.99%.

Blocking oil separation



Centrifugal oil separation



Gravity oil separation

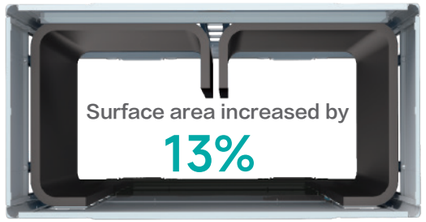
Separation Efficiency up to

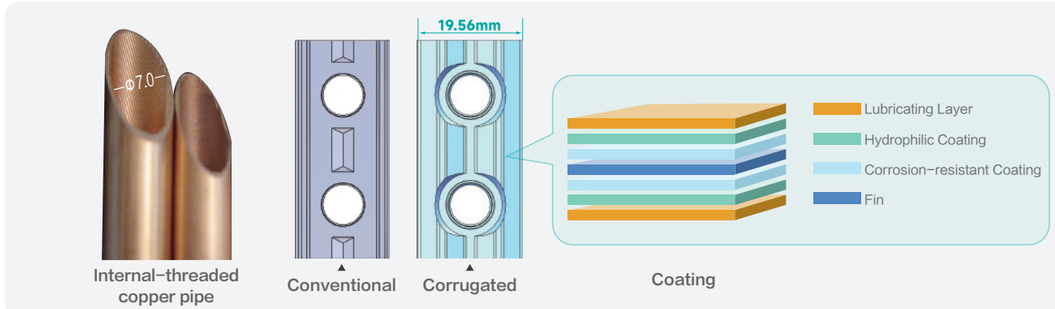
99.99%

▶Dual G-shape Heat Exchanger

The dual G-shape heat exchanger boasts a 13% increase in surface area, translating to a 10% enhancement in heat transfer capacity.

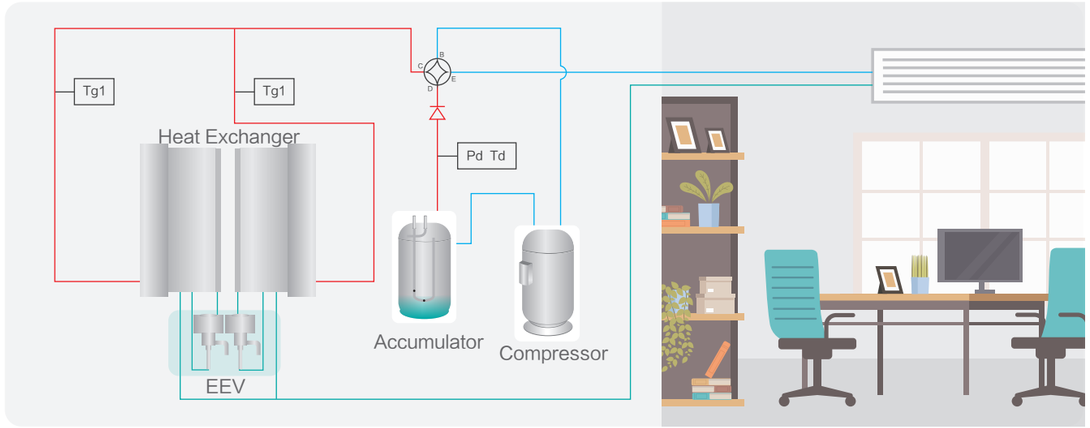
- It adopts high-efficiency thermal conductive copper pipes with Φ7.0 internal threaded design and corrugated fins with a width of 19.56 mm. It greatly reduces air flow resistance, improves heat transfer efficiency, and ensures more uniform heat exchange.
- The aluminum foil fin is highly corrosion-resistant, with multiple coatings, no fear of environments with high temperature, humidity, salinity, acidity or other harsh conditions.





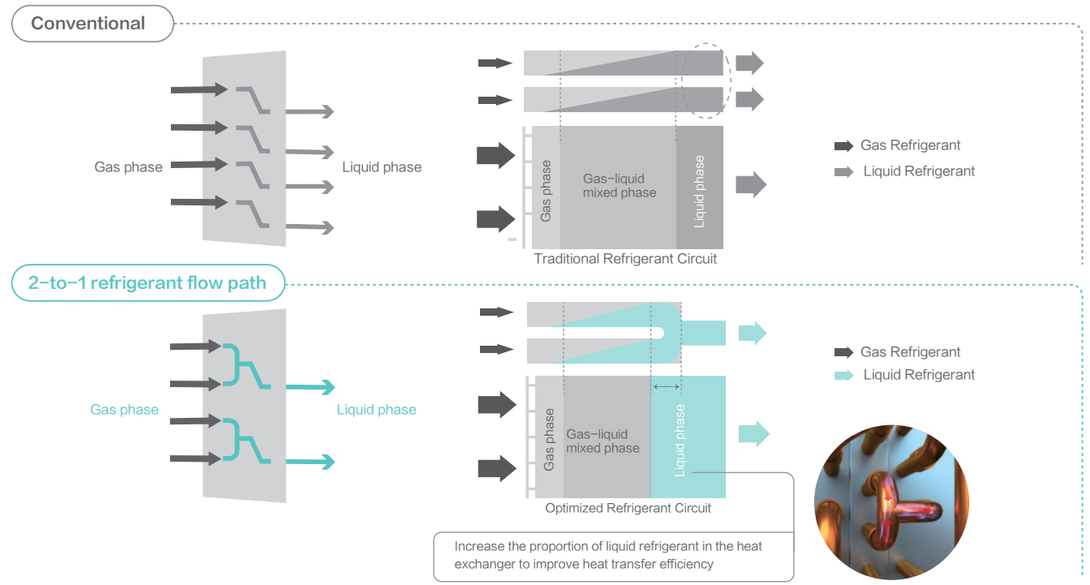
▶Independent Control of Heat Exchanger

The outdoor unit is equipped with multiple high-precision electronic expansion valves with 3000-step adjustment, enabling more precise control of refrigerant flow and reducing indoor temperature fluctuation. The EEV for the left and right heat exchangers can be controlled independently. During heating, each heat exchanger is finely adjusted based on the refrigerant's superheat, enhancing actual heating performance by 5% to 15%.



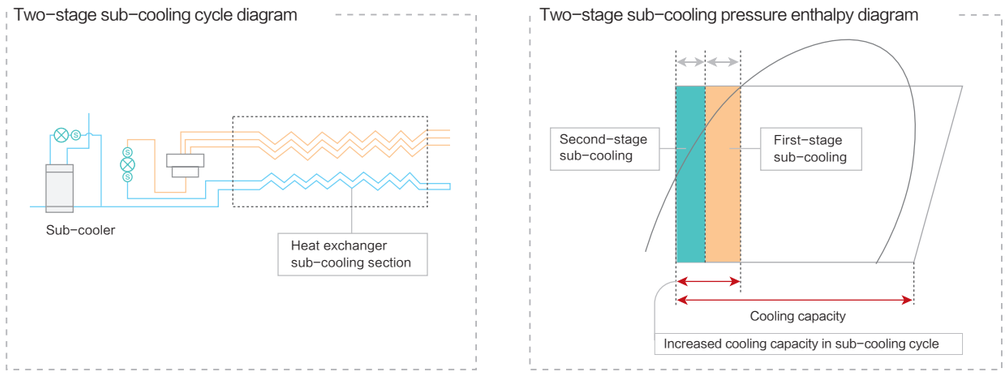
▶Optimized Refrigerant Circuit

As the refrigerant flows through the system, energy can be lost due to friction and other factors. When the refrigerant changes phase, latent heat is lost as it transitions from gas to liquid. To make full use of heat dissipation, the refrigerant flow layout has been optimized into a 2-to-1 flow path to enhance the occupancy and efficiency of the liquid refrigerant.



▶Two-stage subcooling

In conventional VRF systems without sub-coolers, the subcooling temperature is only about 12.5℃ with one-stage subcooling. However, Hi-FLEXi S5 adopts two-stage subcooling technology to achieve subcooling temperature up to 27℃, significantly improving the cooling capacity.



Aerodynamic Axial Fan

New enlarged fan design

The newly designed Φ750mm large-diameter axial fan can reduce the turbulence around the fan, leading to a 5% increase in static pressure efficiency, a 3dB(A) reduction in noise levels, and a 21% decrease in power consumption for the same airflow volume.

Bird wing inspired shape

Φ750mm
Improved 4 blade design

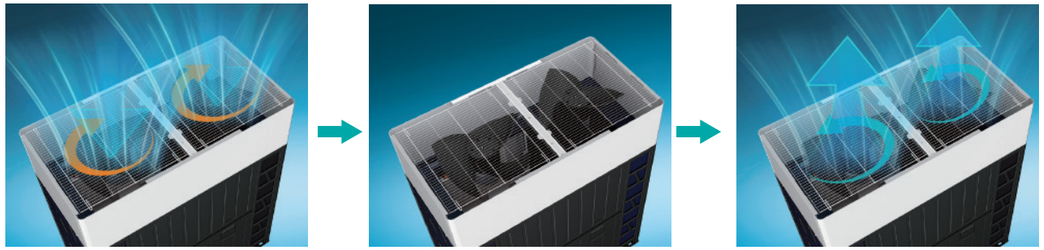
5% increase in static pressure efficiency

3dB(A) reduction in noise levels

21% decrease in power consumption

Anti-headwind function

The ODU fans might be blown to the opposite direction when caught in a heavy wind. If the unit suddenly turns on, the fan will rapidly switch from spinning backward to forward, which may damage the fan blades. To prevent this, the S5 series is designed to first stabilize the fan before it starts up and rotate in the correct direction, protecting the fan blades from damage.



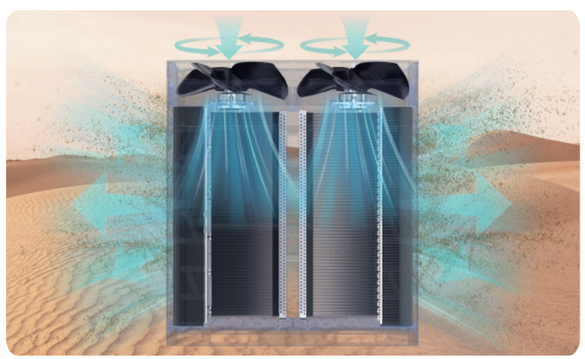
Spin backward

Keep the fan stable

Spin forward

Dust-removal Function

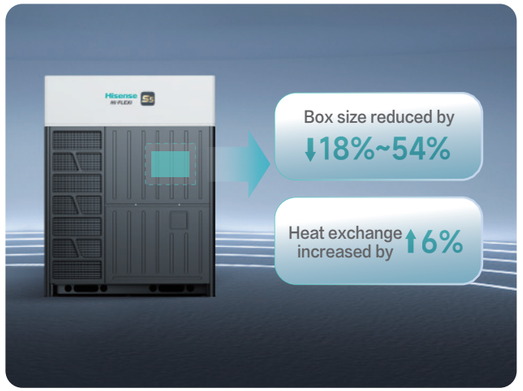
In case of heavy sandstorm or long-term use,the heat exchanger can get clogged by dirt, resulting in a decrease in heat transfer effect and an increase in energy consumption. Hisense innovative "Dust Removal" function solves this problem. When the unit is turned off, the fans automatically reverse for one minute to remove dust from the surface of the heat exchanger, thereby enhancing product performance and reducing energy use.



IP55 Electrical Control Box

Smaller Size

By adopting miniaturized components and dual-sided layout, the size of electrical box is reduced by 18% to 54% compared to the previous types, making installation more convenient. This design also greatly widens the air duct space, reduces wind resistance, thus improving air circulation rate and increasing heat exchange by 6%.

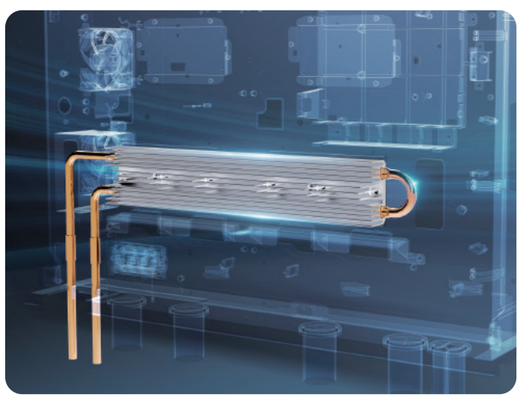


Fully-sealed

The IP55 electric control box features four layers of sealing to prevent rain, snow, sand, dust, insects and fire from entering. It ensures the durability of electrical components and reliability of unit operation.

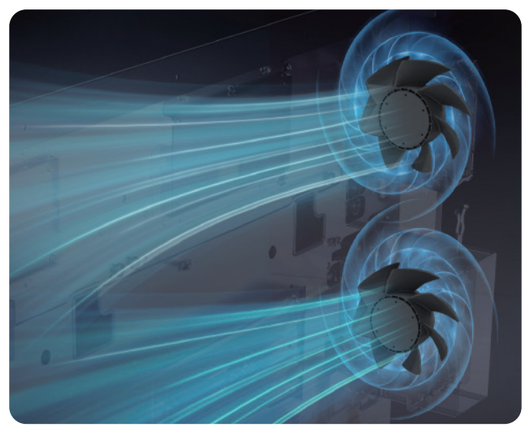
Micro-channel Refrigerant Cooling PCB

The box is cooled by micro-channel refrigerant cooling technology, with thermal resistance reduced by 20% compared to previous copper-aluminum refrigerant pipes. This innovation lowers the internal temperature of the box by 5℃ to 10℃ compared to traditional air-cooling methods.



Ventilation Fans

Additionally, the addition of ventilation fans at the back of the box further aids in efficient heat dissipation and temperature reduction by accelerating internal air flow.



▶Multiple Backup Operation

Compressor Backup

If one compressor fails, the other compressor will seamlessly take over for emergency operation without interruption.

Inverter PCB Backup

If one of the inverter PCB fails, the remaining inverters can also continue functioning in an emergency.

Fan Motor Backup

Similarly, if a fan motor fails, the other one can keep working to ensure efficient unit operation.

Sensor Backup

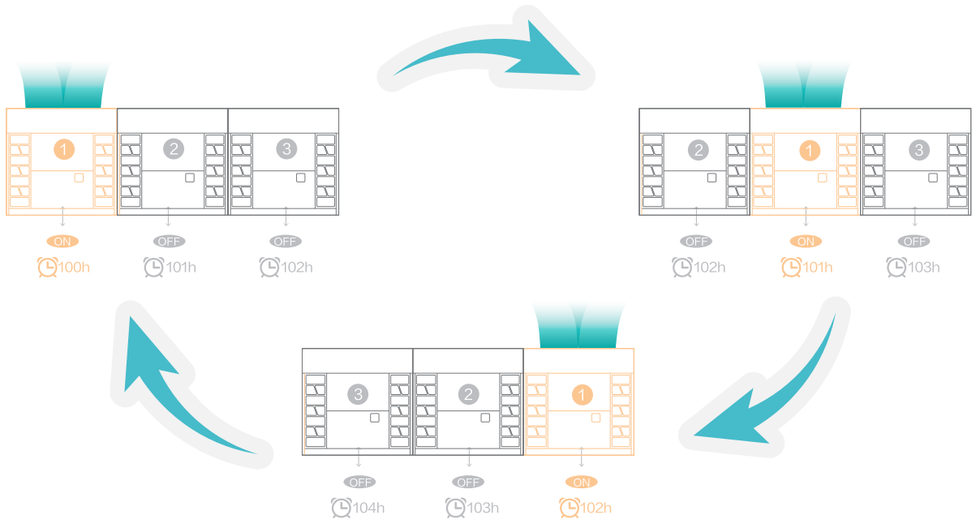
Using digital twin technology, virtual sensors are generated based on the built-in pressure and temperature values of the unit, providing mutual backup for emergency operation.

Module Backup

In the case of a module failure within a combination system, the remaining modules are still able to sustain operation in emergency mode.

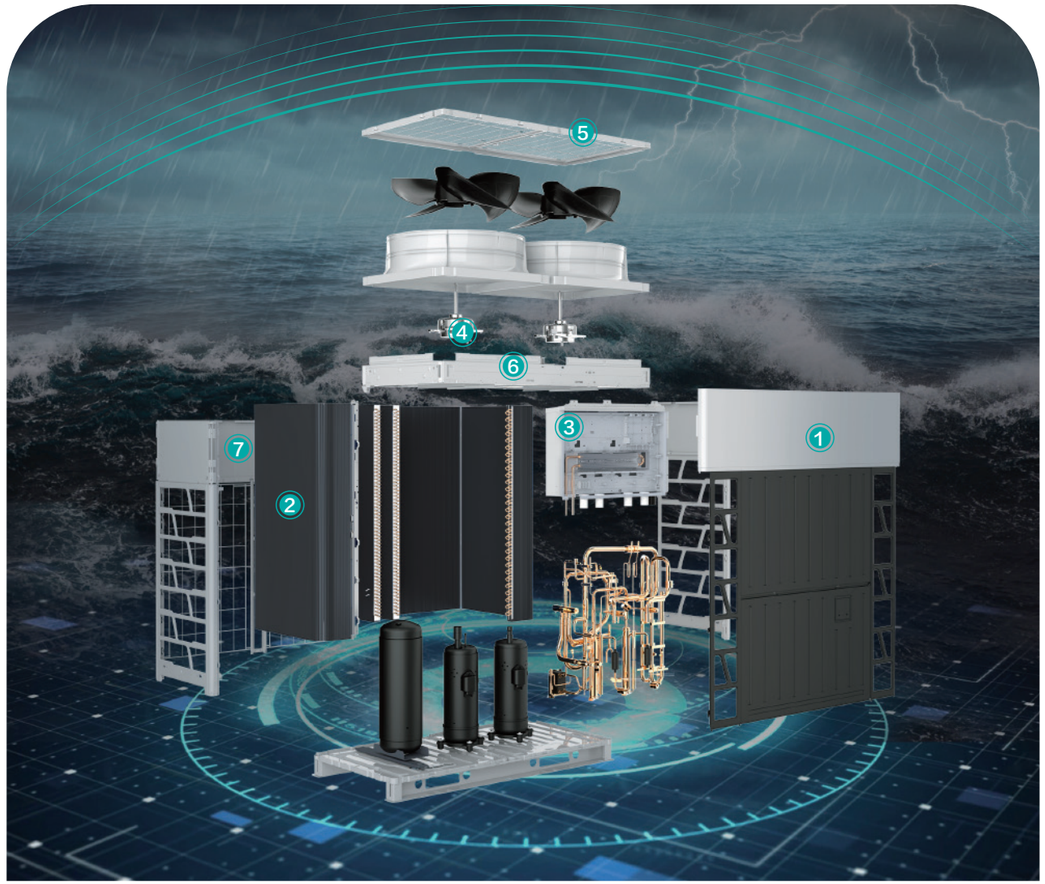
▶Smart Rotation Operation

The operation time of each outdoor unit is smartly balanced within module combinations to prevent any single unit from overworking, thereby extending the overall lifespan of the whole system.



▶Anti-corrosion Treatment(optional)

Hisense's complete corrosion-proof is a perfect solution in seaside and chemical factory applications (sulphide contamination occasion), providing ultimate comfort without sacrificing life span and reducing maintenance cost simultaneously.
The components from top to toe are treated with effect treatments, and the systems have acquired UL certification.



❶ **Front Panel**	Galvanized steel treated with zirconium & 100 μ m ~ 180 μ m epoxy zinc rich primer + pure polyester paint coating.	
❷ **Heat Exchanger**	Dark Gray fin (with epoxy resin and acrylic resin & hydrophilic film); Cooper fin.	
❸ **Electrical Box**	Galvanized steel treated with zirconium & 50 μ m~120 μ m pure polyester.	
❹ **Fan Motor**	Coated with 10 μ m ~ 30 μ m acrylic resin coating thickness: 10 μ m ~30 μ m.	
❺ **Top Grill**	❻ **Motor Bracket**	❼ **Protection Net**

Note

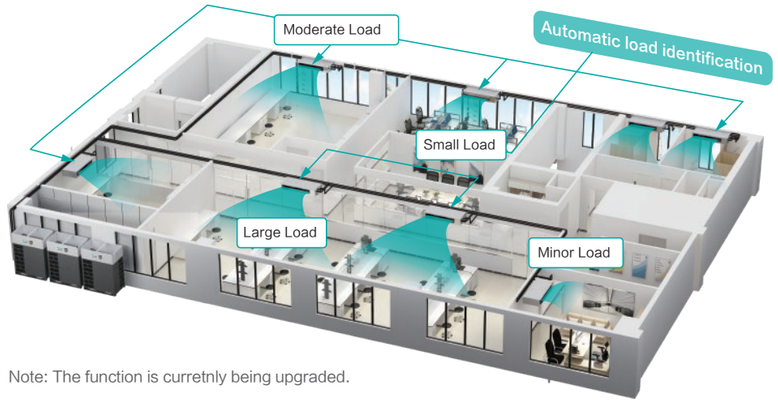
Please refer to the catalog of Hisense VRF Anti-corrosion Solution for detailed anti-corrosion treatment measures.

SUPERIOR COMFORT

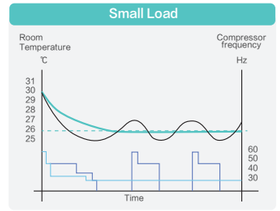
- Load Balancing Control (LBC) Technology
- VIP Mode
- Precise Temperature Control
- Humidity Sensor (optional)
- Hi-Motion (optional)
- Motion Sensor (optional)
- Self-cleaning Function
- AirPure (optional)
- Lower Noise

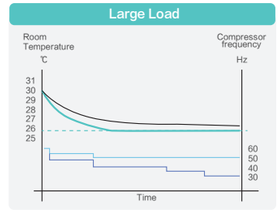
Load Balancing Control (LBC) Technology

LBC technology identifies the current load demand of each indoor unit and calculates the optimal air volume and temperature settings based on the unit's capacity, so as to balance the load output of each room. Compared to traditional refrigerant flow control methods, LBC technology increases balancing capacity by 30% and enhances energy efficiency by 18%.



Note: The function is curretnly being upgraded.

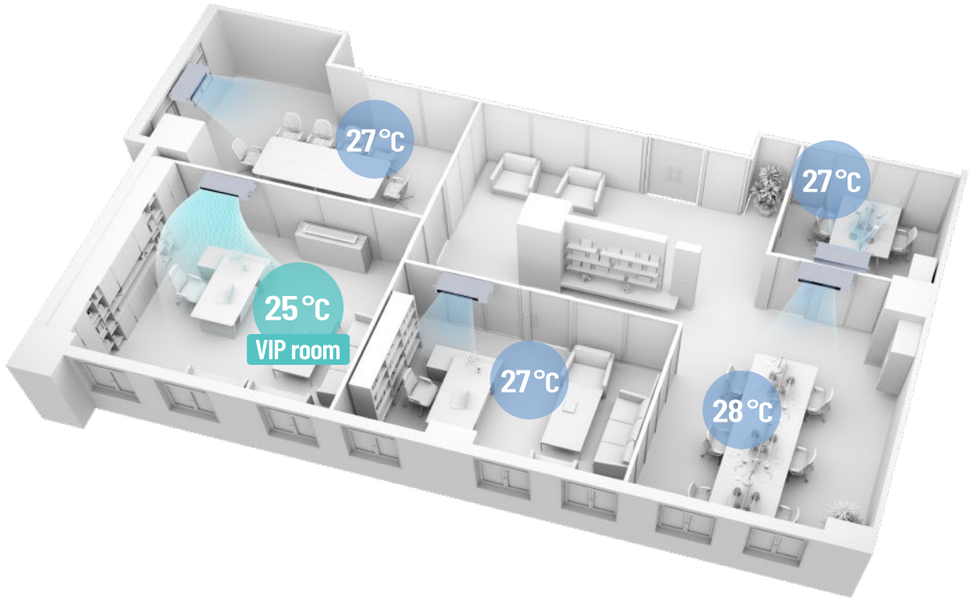




Temperature under LBC control
Frequency under LBC control
Temperature under conventional control
Frequency under conventional control

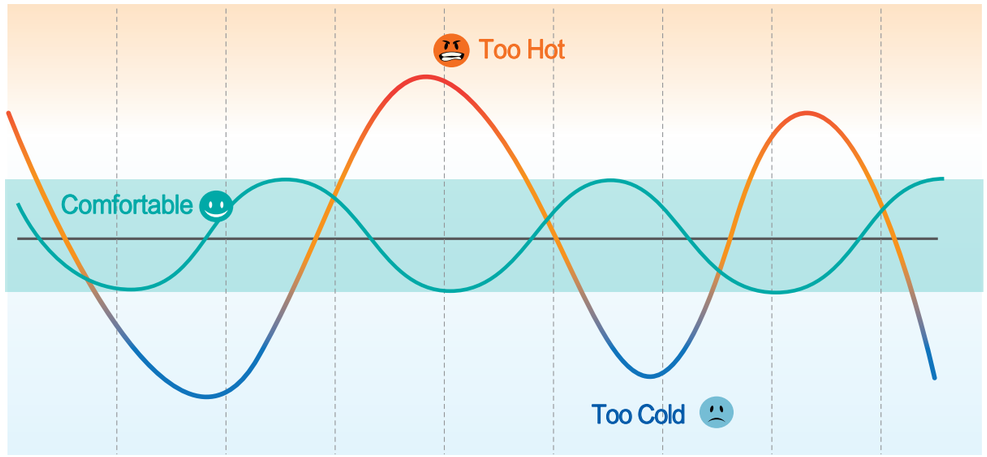
VIP Mode

S5 series boasts a VIP mode that prioritizes the air conditioning needs of specific rooms, ensuring they reach optimal comfort as quickly as possible. There are up to five indoor units can be set to VIP mode simultaneously.



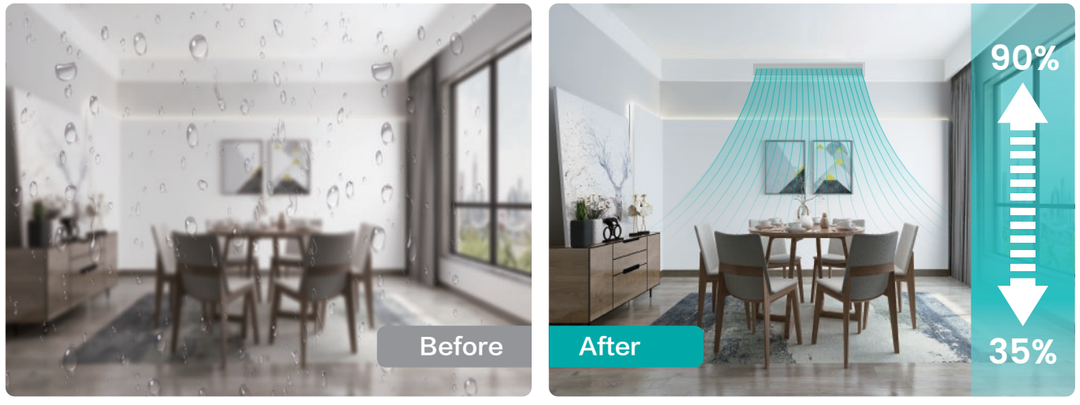
▶ Precise Temperature Control

There are multiple temperature sensors equipped in the system, which will be very helpful to judge the indoor load more accurately. The 2000-step EEV is specially adopted to ensure precise refrigerant flow adjustment according to the actual load of indoor units, achieving a more comfortable indoor environment with small temperature fluctuation.



▶ Humidity Sensor (optional)

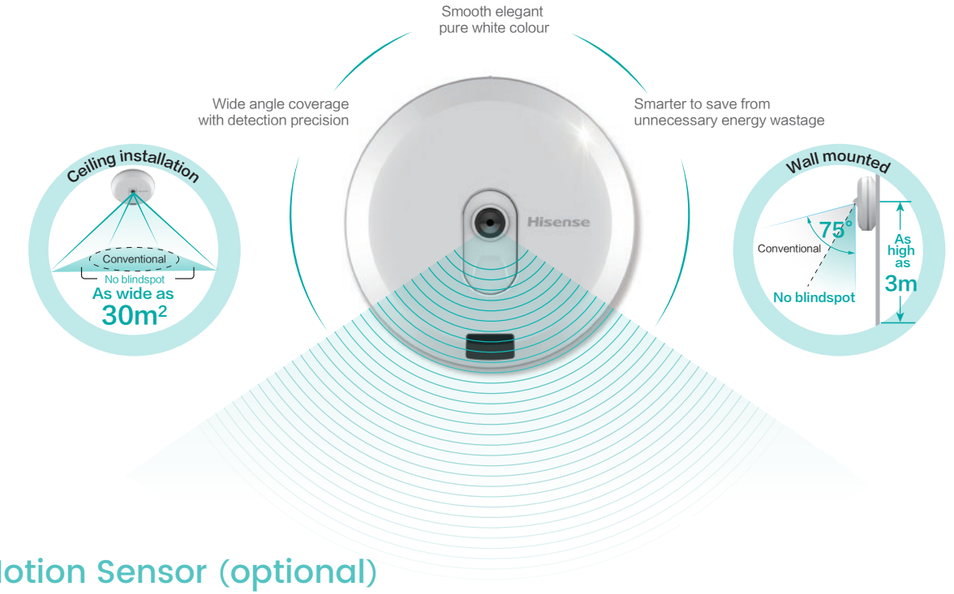
To keep up with the indoor quality requirements, Hisense VRF offers auto dehumidification function achieved by humidity sensor, with the control range is from 35% to 90%.



▶ Hi-Motion (optional)

Hi-Motion works as an independent human sensor and can be installed separately from indoor unit. It can detect the human activities indoors to provide comfort and energy savings.

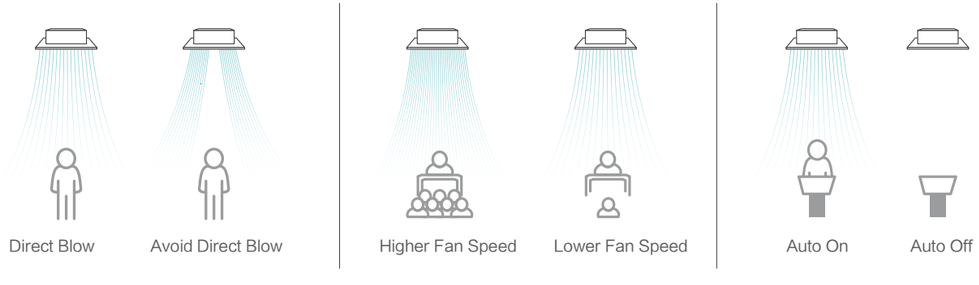
1. Automatically stop the unit when no one is in the room to realize energy saving.
2. Automatically adjust the setting temperature and air flow according to the actual human activity to provide ultimate comfort.



▶ Motion Sensor (optional)

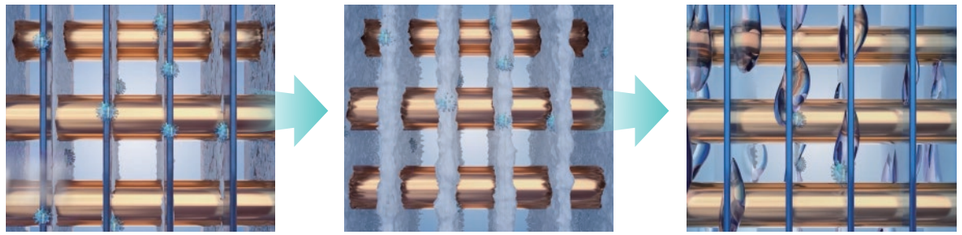
Motion Sensor, assembled in the panel of 4-Way Cassette and Mini 4-Way Cassette, can provide a more comfortable environment, and achieve efficient and energy-saving operation of the unit at the same time.

1. With the sensor, indoor unit can ON or OFF automatically when people enter or leave the room.
2. The people location can be detected by the sensor automatically, and the air flow direction can be set to blow directly or to avoid blowing at people as they like.
3. The setting temperature can be changed automatically by detecting the number of people changing.



Self-cleaning Function

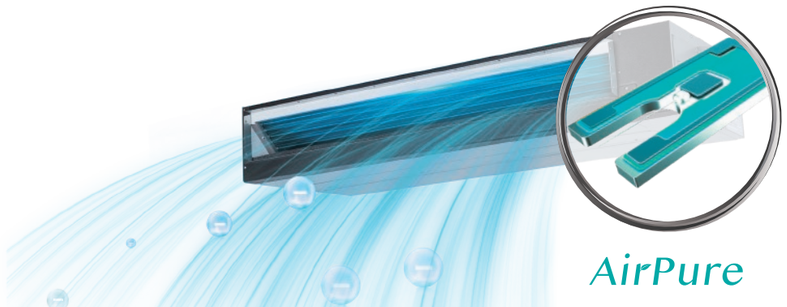
The indoor unit rapidly forms frost on its surface to peel off the dust, bacteria, and viruses, and then drains them out along with defrosting water. With one-button self-cleaning function, it eliminates the need for manual cleaning and ensures healthy air supply.



Pretreatment | Rapid Frosting | Defrosting

AirPure (optional)

Hisense VRF indoor unit equipped with AirPure kit can release about 20 million pcs/cc negative ions. These negative ions are carried throughout the room with air-conditioned air flow whereby obtaining air conditioning and air purification simultaneously. With the AirPure kit, the indoor unit has got the Tick Mark certification which is an authentication for air-conditioning sterilization products.



Scan the QR code to view the product introduction video.

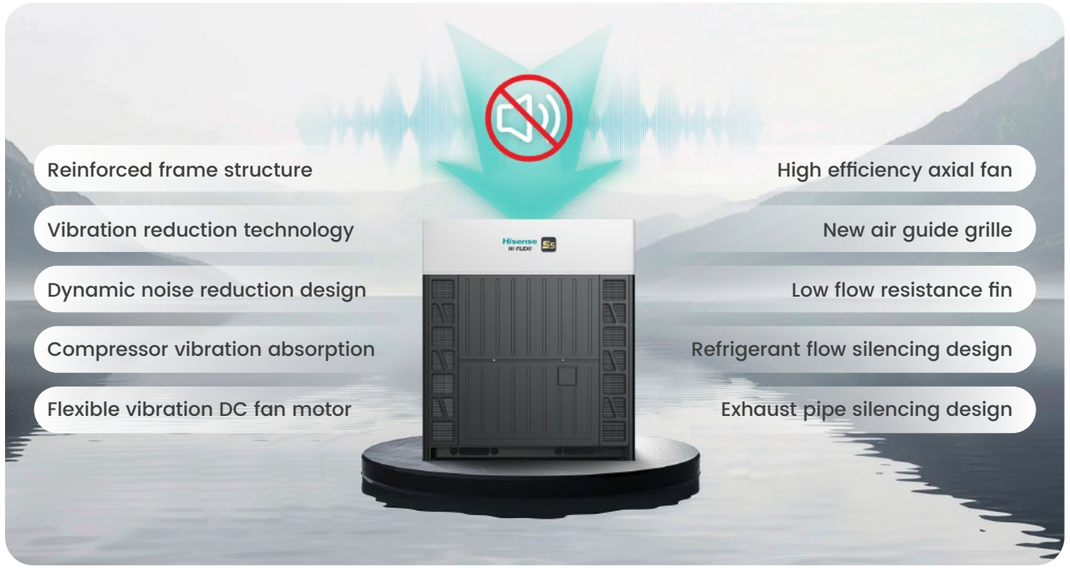
Anti-Bacteria and Anti-Virus | Formaldehyde Removal | Anti-mold

Odor Removal | PM2.5 Purification | Anti-allergen

*Note: 4-way Cassette, Mini 4-way Cassette, Console, Ceiling Ducted can be equipped with the AirPure kit (optional).

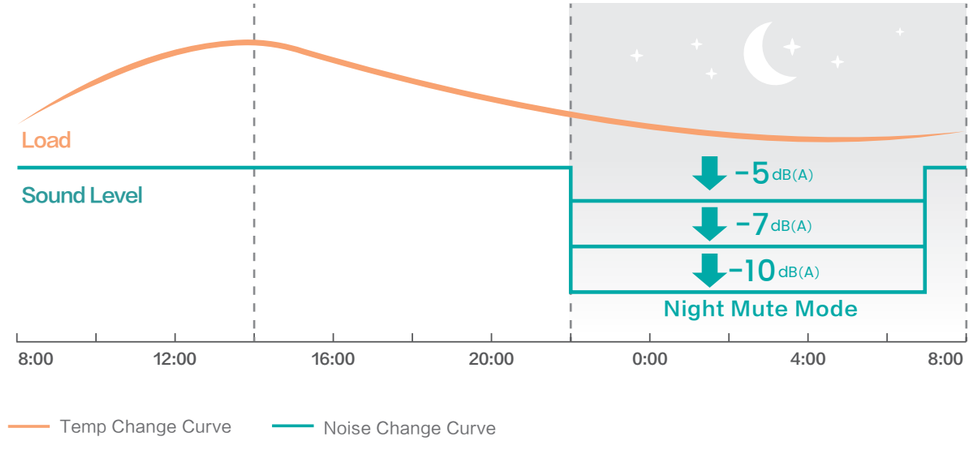
Lower Noise

Noise reduction design



Adjustable noise level

The quiet mode can be set on controllers or PCB to reduce noise levels by 5dB(A), 7 dB(A), or up to 10 dB(A).



STREAMLINED INSTALLATION& COMMISSIONING

- Space-saving with Reduced Footprint
- Flexible Installation with Long Piping
- Adaptive External Static Pressure
- Independent Maintenance of Indoor Units
- Automatic Refrigerant Management
- One-touch Test Run

▶ Space-saving with Reduced Footprint

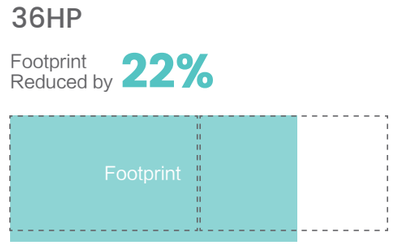
The footprint of S5 series of 8HP has been reduced by 15% compared to its predecessor with the same capacity, enabling easy transportation via elevators and effortless installation in confined spaces. With a maximum single module capacity up to 36HP, it offers a further 22% space saving compared to previous combination modules, significantly saving valuable floor space.

8HP

Footprint Reduced by **15%**

36HP

Footprint Reduced by **22%**

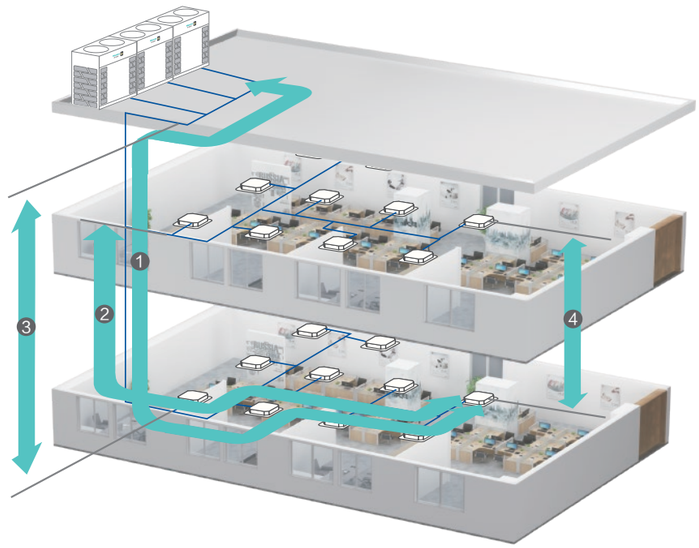


▶ Flexible Installation with Long Piping

The S5 unit has been optimized for piping, with a maximum total piping length of 1100m and a maximum single pipe length of 220m(equivalent length 260m). Additionally, the maximum connection ratio has also been increased from 30% to 200%* to greatly simplify project design.

Total piping length: **1100m**

1. Maximun actual length of a single pipe: **220m** (equivalent length **260m***)
2. Maximum length from the first branch pipe to the farthest indoor unit: **90m**
3. Maximum height difference between indoor and outdoor units: **110m***
4. Maximum height difference between indoor units: **40m***

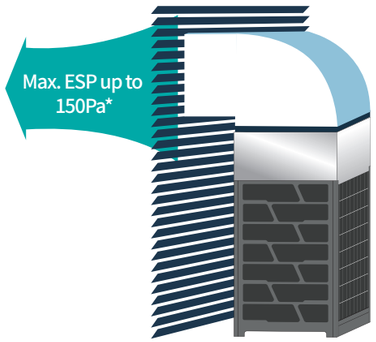


*Note: For detailed information, please contact Hisense technical engineer.

Adaptive External Static Pressure

The fan motor can adjust the static pressure to meet various environmental requirements. The S5 series offers a maximum external static pressure of up to 150Pa*, enabling longer air discharge and preventing airflow short circuit. It is crucial for the felxible installation of outdoor units, especially in narrow spaces.

Flexible installation in narrow spaces

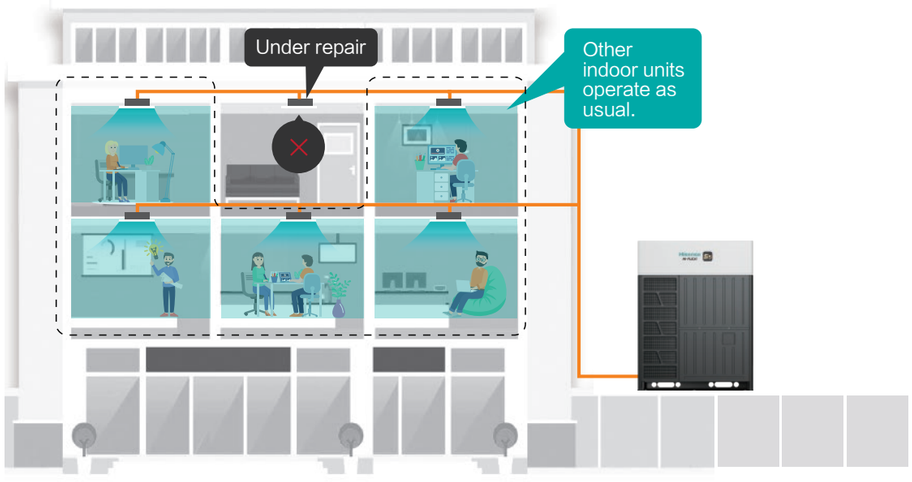


Concealed installation without affecting building facade

*Note: A booster is needed for 150Pa.

Independent Maintenance of Indoor Units

To ensure continuous system operation if an indoor unit breaks down, the system can isolate the faulty unit for repair while maintaining the operation of the other units.



Automatic Refrigerant Management

◆Refrigerant self-charging

The S5 series maintains optimal refrigerant level through high-precision automatic refrigerant charging technology, which promotes stable and reliable performance while maximizing energy efficiency. Besides, the process has been greatly simplified compared to conventional manual refrigerant charging, making installation and maintenance easier and more efficient.

◆Refrigerant detection

Conduct one-touch detection to identify the refrigerant leakage quickly in case of poor cooling and heating performance, so as to improve the maintenance convenience and efficiency.

Unit installation → Refrigerant charging → Refrigerant check → NFC data write-in → Poor performance → Repair request → One-touch detection → Repair → END

Note: The function is curretnly being upgraded.

One-touch Test Run

Test run is an essential part of the commissioning process. To make it as simple as possible, the S5 series offers three one-touch methods for installers with just a single button press, regardless of whether indoors or outdoors.

Method 1: PCB button press

Method 2: NFC control on the APP

Method 3: Through the wired controller

- Automatically detect whether the power supply is in reverse or out of phase state.
- Automatically detect abnormal communication and wrong wiring connection.
- Automatically identify pipeline length for more optimal operation.
- Automatically confirm the normal operation of components such as compressors, fan motors, EEVs, four-way valves, etc.

SMART CONTROL

- Building Management System
- Hi-Cloud Management

▶ Building Management System

A Building Management System (BMS) is an integrated control system designed to monitor and manage facilities within a building, such as HVAC, lighting, power systems, and elevators. It can collect and analyze data in real-time to optimize resource usage, reduce operational costs, and enhance the comfort and safety of the building.

Energy management

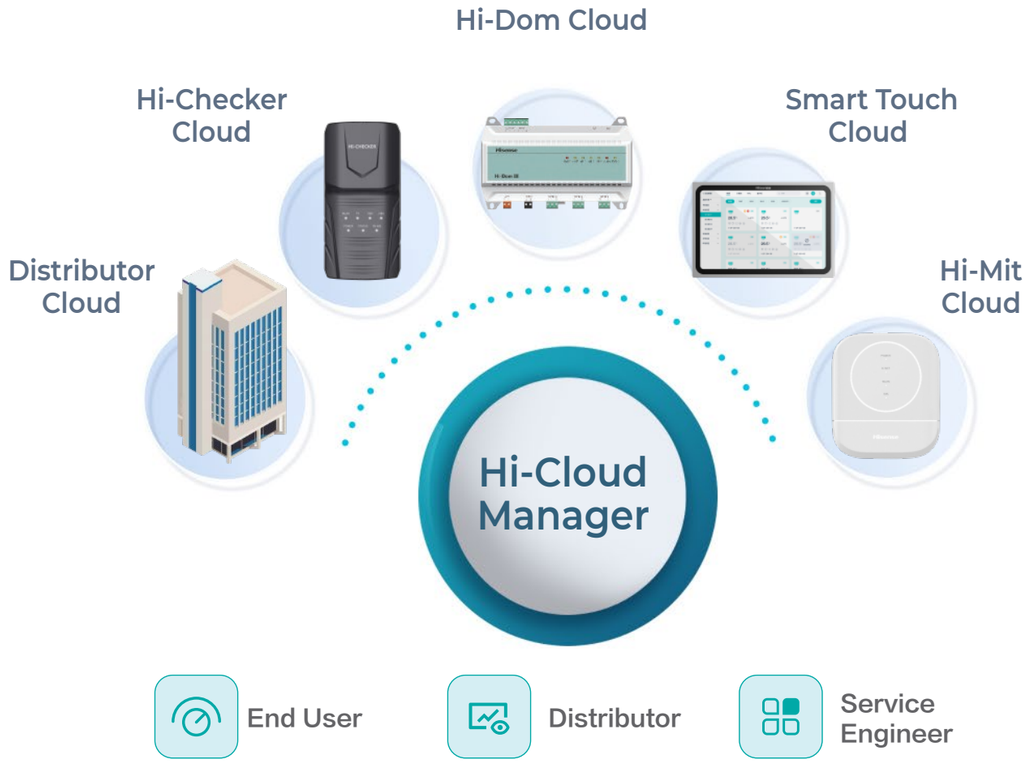
Lighting

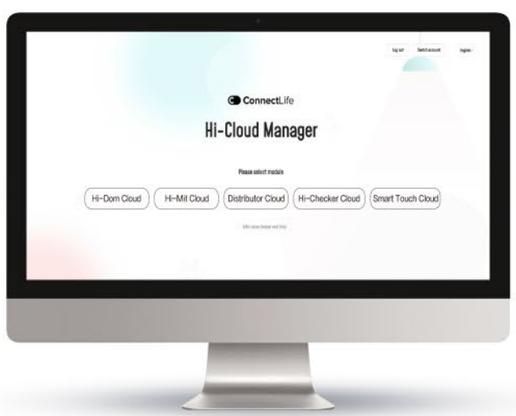
Elevator

HVAC

▸ Hi-Cloud Management

Hi-Cloud Manager is the unified access management of Hisense HVAC intelligent control. Users can log in the control web at anytime and anywhere.
Five "Clouds" are embed in the web interface including Hi-Mit Cloud, Smart Touch Cloud, Hi-Dom Cloud, Hi-Checker Cloud, and Distributor Cloud (specially for distrubutors).





Account:

The account is general for all Hisense intelligent equipments that managed by Connectlife.

URL:

https://hicloudmanager.hijuconn.com

Hi-Mit Cloud

- AC control (on-off, mode, temp, air flow)
- Energy management
- 7-day timer
- Customized scenes setting

Smart Touch Cloud

- AC control (on-off, mode, temp, air flow)
- Energy management
- Yearly timer
- Customized scenes setting

Hi-Dom Cloud

- AC control (on-off, mode, temp, air flow)
- AC locked control (running forbidden control, the max. and min. temp and cooling/heating locked)
- Yearly timer
- Malfunction history check

Hi-Checker Cloud

- Malfunction check
- Clear data list for quick check
- Rapid commissioning
- Powerful and detailed chart analysis

Distributor Cloud

- The general information of the air conditioning systems can be checked for convenienct management.
- Projects editing in the map is availiable.

Specifications

HP			8HP	10HP	12HP	14HP	16HP
Model			AVWT-76HKF5S	AVWT-96HKF5S	AVWT-114HKF5S	AVWT-136HKF5S	AVWT-154HKF5S
Modules			AVWT-76HKF5S	AVWT-96HKF5S	AVWT-114HKF5S	AVWT-136HKF5S	AVWT-154HKF5S
			/	/	/	/	/
			/	/	/	/	/
			/	/	/	/	/
Power Supply			380-415V 3~ 50Hz/60Hz				
Cooling	Capacity*1	kW	22.4	28.0	33.5	40.0	45.0
		kBtu/h	76.4	95.5	114.3	136.5	153.5
	Power Input	kW	5.91	7.80	9.57	12.50	15.05
	EER	kW/kW	3.79	3.59	3.50	3.20	2.99
	SEER	kW/kW	7.55	7.42	7.31	7.30	7.16
Heating	Capacity (Max/Nom)*1	kW	25/22.4	31.5/28.0	37.5/33.5	45/40	50/45
		kBtu/h	85.3/76.4	107.4/95.5	127.9/114.3	153.5/136.5	170.6/153.5
	Power Input (Max/Nom)	kW	5.68/4.8	7.22/6.1	9.08/7.19	11.6/9.66	13.97/11.19
	COP (Max/Nom)	kW/kW	4.4/4.67	4.36/4.59	4.13/4.66	3.88/4.14	3.58/4.02
	SCOP	kW/kW	4.46	4.35	4.60	4.60	4.49
Ventilation	Air Flow Rate	m³/min	225	225	275	275	292
	Fan Quantity	pcs	1	1	1	1	1
	Static Pressure	Pa	110	110	110	110	110
Sound Pressure Level*2	Normal Mode	dB(A)	59	59	61	61	63
	Silent Mode	dB(A)	40	40	40	40	40
Compressor	Type	—	Enhanced Vapor Injection Scroll Compressor				
	Quantity	pcs	1	1	1	1	1
Refrigerant	Type	—	R410A				
	Pre-charged Amount	kg	6.6	6.6	7.6	7.6	7.6
Weight	Net Weight	kg	222	222	245	245	245
	Gross Weight	kg	249	249	269	269	269
Dimensions	External (H × W × D)	mm	1800x800x825		1800x940x825		
	Packing (H × W × D)	mm	1960x860x885		1960x1000x885		
Cabinet Color		—	Gray + White				
Ref. Piping	Gas Pipe	mm	Φ19.05	Φ22.20	Φ25.40	Φ25.40	Φ28.60
		inch	3/4	7/8	1	1	1-1/8
	Liquid Pipe	mm	Φ9.53	Φ9.53	Φ12.70	Φ12.70	Φ12.70
		inch	3/8	3/8	1/2	1/2	1/2
Connectable Indoor Units	Quantity	pcs	18	20	24	28	32
	Connection Ratio*3	—	30-200%				
Piping Design	Max. Piping Length (Actual)	m	220	220	220	220	220
	Max. Piping Length (Equivalent)	m	260	260	260	260	260
	Height Difference between ODU and IDU	m	110	110	110	110	110
	Height Difference between IDUs	m	40	40	40	40	40
Operation Range	Cooling	DB	-15℃~55℃	-15℃~55℃	-15℃~55℃	-15℃~55℃	-15℃~55℃
	Heating	WB	-30℃~30℃	-30℃~30℃	-30℃~30℃	-30℃~30℃	-30℃~30℃

Notes:
1. Rated cooling capacity and rated heating capacity are tested in the following conditions:
   Cooling Conditions: indoor air inlet temperature: 27℃ DB 19℃ WB, outdoor air nlet temperature: 35℃ DB, pipe length: 7.5m, pipe height difference: 0m.
   Heating Conditions: indoor air inlet temperature: 20℃ DB, outdoor air nlet temperature: 7℃ DB 6℃ WB, pipe Length: 7.5m, pipe height difference: 0m.
2. The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
   Measurement point: 1m from the service cover surface and 1.5m from the floor level.
3. When the connection ratio is lower than 50% or higher than 130%, please consult our local technical engineers.

Specifications

HP			18HP	20HP	22HP	24HP	26HP
Model			AVWT-170HKF5S	AVWT-190HKF5S	AVWT-212HKF5S	AVWT-232HKF5S	AVWT-250HKF5S
Modules			AVWT-170HKF5S	AVWT-190HKF5S	AVWT-212HKF5S	AVWT-232HKF5S	AVWT-250HKF5S
			/	/	/	/	/
			/	/	/	/	/
			/	/	/	/	/
Power Supply			380-415V 3~ 50Hz/60Hz				
Cooling	Capacity*1	kW	50.4	56.0	61.5	68.0	73.5
		kBtu/h	171.9	191.0	209.8	232.0	250.7
	Power Input	kW	14.20	16.37	19.46	22.74	25.09
	EER	kW/kW	3.55	3.42	3.16	2.99	2.93
	SEER	kW/kW	7.10	6.90	6.80	6.40	5.80
Heating	Capacity (Max/Nom)*1	kW	56/50.4	63/56	69.0/61.5	75.0/68.0	82.5/73.5
		kBtu/h	191/171.9	214.9/191	235.4/209.8	255.9/232	281.4/250.7
	Power Input (Max/Nom)	kW	14.81/11.08	15.63/12.1	18.06/13.52	20.16/15.18	21.32/15.94
	COP (Max/Nom)	kW/kW	3.78/4.55	4.03/4.63	3.82/4.55	3.72/4.48	3.87/4.61
	SCOP	kW/kW	4.78	5.01	4.86	4.84	4.27
Ventilation	Air Flow Rate	m³/min	258	317	317	317	400
	Fan Quantity	pcs	1	2	2	2	2
	Static Pressure	Pa	110	110	110	110	110
Sound Pressure Level*2	Normal Mode	dB(A)	64	65	66	66	66
	Silent Mode	dB(A)	40	40	40	40	40
Compressor	Type	—	Enhanced Vapor Injection Scroll Compressor				
	Quantity	pcs	1	2	2	2	2
Refrigerant	Type	—	R410A				
	Pre-charged Amount	kg	9.4	12.6	12.6	13.1	11.5
Weight	Net Weight	kg	267	368	368	368	406
	Gross Weight	kg	289	399	399	399	430
Dimensions	External (H × W × D)	mm	1800x940x825	1800x1390x825			1800x1600x825
	Packing (H × W × D)	mm	1960x1000x885	1960x1450x885			1960x1660x885
Cabinet Color		—	Gray + White				
Ref. Piping	Gas Pipe	mm	Φ28.60	Φ28.60	Φ28.60	Φ28.60	Φ31.75
		inch	1-1/8	1-1/8	1-1/8	1-1/8	1-1/4
	Liquid Pipe	mm	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ19.05
		inch	5/8	5/8	5/8	5/8	3/4
Connectable Indoor Units	Quantity	pcs	36	40	44	48	52
	Connection Ratio*3	—	30~200%				
Piping Design	Max. Piping Length (Actual)	m	220	220	220	220	220
	Max. Piping Length (Equivalent)	m	260	260	260	260	260
	Height Difference between ODU and IDU	m	110	110	110	110	110
	Height Difference between IDUs	m	40	40	40	40	40
Operation Range	Cooling	DB	-15℃~55℃	-15℃~55℃	-15℃~55℃	-15℃~55℃	-15℃~55℃
	Heating	WB	-30℃~30℃	-30℃~30℃	-30℃~30℃	-30℃~30℃	-30℃~30℃

Notes:
1. Rated cooling capacity and rated heating capacity are tested in the following conditions:
   Cooling Conditions: indoor air inlet temperature: 27℃ DB 19℃ WB, outdoor air nlet temperature: 35℃ DB, pipe length: 7.5m, pipe height difference: 0m.
   Heating Conditions: indoor air inlet temperature: 20℃ DB, outdoor air nlet temperature: 7℃ DB 6℃ WB, pipe Length: 7.5m, pipe height difference: 0m.
2. The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
   Measurement point: 1m from the service cover surface and 1.5m from the floor level.
3. When the connection ratio is lower than 50% or higher than 130%, please consult our local technical engineers.

Specifications

HP			28HP	30HP	32HP	34HP	36HP
Model			AVWT-272HKF5S	AVWT-290HKF5S	AVWT-307HKF5S	AVWT-324HKF5S	AVWT-343HKF5S
Modules			AVWT-272HKF5S	AVWT-290HKF5S	AVWT-307HKF5S	AVWT-324HKF5S	AVWT-343HKF5S
			/	/	/	/	/
			/	/	/	/	/
			/	/	/	/	/
Power Supply			380-415V 3~ 50Hz/60Hz				
Cooling	Capacity*1	kW	78.5	85.0	90.0	95.4	100.0
		kBtu/h	267.8	290.0	307.0	325.5	341.2
	Power Input	kW	25.65	30.25	31.69	34.69	36.63
	EER	kW/kW	3.06	2.81	2.84	2.75	2.73
	SEER	kW/kW	6.30	6.00	5.90	5.80	5.80
Heating	Capacity (Max/Nom)*1	kW	87.5/78.5	95/85	100/90	106.5/95.4	113/100
		kBtu/h	298.5/267.8	324.1/290	341.2/307	363.3/325.5	385.5/341.2
	Power Input (Max/Nom)	kW	20.73/17.72	23.23/19.63	24.75/20.36	27.88/22.88	31.48/24.27
	COP (Max/Nom)	kW/kW	4.22/4.43	4.09/4.33	4.04/4.42	3.82/4.17	3.59/4.12
	SCOP	kW/kW	4.55	4.35	4.51	4.26	4.28
Ventilation	Air Flow Rate	m^3/min	408	408	467	467	467
	Fan Quantity	pcs	2	2	2	2	2
	Static Pressure	Pa	110	110	110	110	110
Sound Pressure Level*2	Normal Mode	dB(A)	67	67	67	68	68
	Silent Mode	dB(A)	40	40	40	40	40
Compressor	Type	—	Enhanced Vapor Injection Scroll Compressor				
	Quantity	pcs	2	2	2	2	2
Refrigerant	Type	—	R410A				
	Pre-charged Amount	kg	15.5	15.5	16.1	16.1	16.1
Weight	Net Weight	kg	482	482	482	493	493
	Gross Weight	kg	519	519	519	530	530
Dimensions	External (H × W × D)	mm	1800x1880x825				
	Packing (H × W × D)	mm	1960x1940x885				
Cabinet Color		—	Gray + White				
Ref. Piping	Gas Pipe	mm	Φ31.75	Φ31.75	Φ31.75	Φ31.75	Φ38.1
		inch	1-1/4	1-1/4	1-1/4	1-1/4	1-1/2
	Liquid Pipe	mm	Φ19.05	Φ19.05	Φ19.05	Φ19.05	Φ19.05
		inch	3/4	3/4	3/4	3/4	3/4
Connectable Indoor Units	Quantity	pcs	56	60	64	68	72
	Connection Ratio*3	—	30~200%				
Piping Design	Max. Piping Length (Actual)	m	220	220	220	220	220
	Max. Piping Length (Equivalent)	m	260	260	260	260	260
	Height Difference between ODU and IDU	m	110	110	110	110	110
	Height Difference between IDUs	m	40	40	40	40	40
Operation Range	Cooling	DB	-15℃~55℃	-15℃~55℃	-15℃~55℃	-15℃~55℃	-15℃~55℃
	Heating	WB	-30℃~30℃	-30℃~30℃	-30℃~30℃	-30℃~30℃	-30℃~30℃

Notes:
1. Rated cooling capacity and rated heating capacity are tested in the following conditions:
   Cooling Conditions: indoor air inlet temperature: 27℃ DB 19℃ WB, outdoor air nlet temperature: 35℃ DB, pipe length: 7.5m, pipe height difference: 0m.
   Heating Conditions: indoor air inlet temperature: 20℃ DB, outdoor air nlet temperature: 7℃ DB 6℃ WB, pipe Length: 7.5m, pipe height difference: 0m.
2. The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
   Measurement point: 1m from the service cover surface and 1.5m from the floor level.
3. When the connection ratio is lower than 50% or higher than 130%, please consult our local technical engineers.

Specifications

HP			38HP	40HP	42HP	44HP
Model			AVWT-366HKF5S	AVWT-386HKF5S	AVWT-402HKF5S	AVWT-424HKF5S
Modules			AVWT-154HKF5S	AVWT-154HKF5S	AVWT-170HKF5S	AVWT-212HKF5S
			AVWT-212HKF5S	AVWT-232HKF5S	AVWT-232HKF5S	AVWT-212HKF5S
			/	/	/	/
			/	/	/	/
Power Supply			380-415V 3~ 50Hz/60Hz			
Cooling	Capacity*1	kW	106.5	113.0	118.4	123.0
		kBtu/h	363.3	385.5	403.9	419.6
	Power Input	kW	34.51	37.79	36.94	38.92
	EER	kW/kW	3.09	2.99	3.21	3.16
	SEER	kW/kW	6.95	6.68	6.68	6.80
Heating	Capacity (Max/Nom)*1	kW	119/106.5	125/113	131/118.4	138/123
		kBtu/h	406/363.3	426.5/385.5	447/403.9	470.8/419.6
	Power Input (Max/Nom)	kW	32.03/24.71	34.13/26.37	34.97/26.26	36.12/27.04
	COP (Max/Nom)	kW/kW	3.72/4.31	3.66/4.29	3.75/4.51	3.82/4.55
	SCOP	kW/kW	4.70	4.69	4.81	4.86
Ventilation	Air Flow Rate	m^3/min	609	609	575	634
	Fan Quantity	pcs	3	3	3	4
	Static Pressure	Pa	110	110	110	110
Sound Pressure Level*2	Normal Mode	dB(A)	69	69	69	69
	Silent Mode	dB(A)	43	43	43	43
Compressor	Type	—	Enhanced Vapor Injection Scroll Compressor			
	Quantity	pcs	3	3	3	4
Refrigerant	Type	—	R410A			
	Pre-charged Amount	kg	20.2	20.7	22.5	25.2
Weight	Net Weight	kg	245+368	245+368	267+368	368+368
	Gross Weight	kg	269+399	269+399	289+399	399+399
Dimensions	External (H × W × D)	mm	1800x(1390+940)x825			1800x(1390+1390)x825
	Packing (H × W × D)	mm	1960x(1450+1000)x885			1960x(1450+1450)x885
Cabinet Color		—	Gray + White			
Ref. Piping	Gas Pipe	mm	Φ38.1	Φ38.1	Φ38.1	Φ38.1
		inch	1-1/2	1-1/2	1-1/2	1-1/2
	Liquid Pipe	mm	Φ19.05	Φ19.05	Φ19.05	Φ19.05
		inch	3/4	3/4	3/4	3/4
Connectable Indoor Units	Quantity	pcs	76	80	84	88
	Connection Ratio*3	—	30~150%			
Piping Design	Max. Piping Length (Actual)	m	220	220	220	220
	Max. Piping Length (Equivalent)	m	260	260	260	260
	Height Difference between ODU and IDU	m	110	110	110	110
	Height Difference between IDUs	m	40	40	40	40
Operation Range	Cooling	DB	-15℃~55℃	-15℃~55℃	-15℃~55℃	-15℃~55℃
	Heating	WB	-30℃~30℃	-30℃~30℃	-30℃~30℃	-30℃~30℃

Notes:
1. Rated cooling capacity and rated heating capacity are tested in the following conditions:
   Cooling Conditions: indoor air inlet temperature: 27℃ DB 19℃ WB, outdoor air nlet temperature: 35℃ DB, pipe length: 7.5m, pipe height difference: 0m.
   Heating Conditions: indoor air inlet temperature: 20℃ DB, outdoor air nlet temperature: 7℃ DB 6℃ WB, pipe Length: 7.5m, pipe height difference: 0m.
2. The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
   Measurement point: 1m from the service cover surface and 1.5m from the floor level.
3. When the connection ratio is lower than 50% or higher than 130%, please consult our local technical engineers.

Specifications

HP			46HP	48HP	50HP	52HP
Model			AVWT-444HKF5S	AVWT-464HKF5S	AVWT-482HKF5S	AVWT-500HKF5S
Modules			AVWT-212HKF5S	AVWT-232HKF5S	AVWT-232HKF5S	AVWT-250HKF5S
			AVWT-232HKF5S	AVWT-232HKF5S	AVWT-250HKF5S	AVWT-250HKF5S
			/	/	/	/
			/	/	/	/
Power Supply			380-415V 3~ 50Hz/60Hz			
Cooling	Capacity*1	kW	129.5	136.0	141.5	147.0
		kBtu/h	441.8	464.0	482.7	501.4
	Power Input	kW	42.20	45.48	47.83	50.18
	EER	kW/kW	3.07	2.99	2.96	2.93
	SEER	kW/kW	6.58	6.40	6.07	5.80
Heating	Capacity (Max/Nom)*1	kW	144/129.5	150/136	157.5/141.5	165/147
		kBtu/h	491.3/441.8	511.8/464	537.3/482.7	562.8/501.4
	Power Input (Max/Nom)	kW	38.22/28.7	40.32/30.36	41.48/31.12	42.64/31.88
	COP (Max/Nom)	kW/kW	3.77/4.51	3.72/4.48	3.80/4.55	3.87/4.61
	SCOP	kW/kW	4.85	4.84	4.53	4.27
Ventilation	Air Flow Rate	m^3/min	634	634	717	800
	Fan Quantity	pcs	4	4	4	4
	Static Pressure	Pa	110	110	110	110
Sound Pressure Level*2	Normal Mode	dB(A)	69	69	69	69
	Silent Mode	dB(A)	43	43	43	43
Compressor	Type	—	Enhanced Vapor Injection Scroll Compressor			
	Quantity	pcs	4	4	4	4
Refrigerant	Type	—	R410A			
	Pre-charged Amount	kg	25.7	26.2	24.6	23
Weight	Net Weight	kg	368+368	368+368	406+368	406+406
	Gross Weight	kg	399+399	399+399	430+399	430+430
Dimensions	External (H × W × D)	mm	1800x(1390+1390)x825		1800x(1600+1390)x825	1800x(1600+1600)x825
	Packing (H × W × D)	mm	1960x(1450+1450)x885		1960x(1660+1450)x885	1960x(1600+1600)x885
Cabinet Color		—	Gray + White			
Ref. Piping	Gas Pipe	mm	Φ38.1	Φ41.3	Φ41.3	Φ41.3
		inch	1-1/2	1-5/8	1-5/8	1-5/8
	Liquid Pipe	mm	Φ19.05	Φ22.2	Φ22.2	Φ22.2
		inch	3/4	7/8	7/8	7/8
Connectable Indoor Units	Quantity	pcs	93	97	101	105
	Connection Ratio*3	—	30~150%			
Piping Design	Max. Piping Length (Actual)	m	220	220	220	220
	Max. Piping Length (Equivalent)	m	260	260	260	260
	Height Difference between ODU and IDU	m	110	110	110	110
	Height Difference between IDUs	m	40	40	40	40
Operation Range	Cooling	DB	-15℃~55℃	-15℃~55℃	-15℃~55℃	-15℃~55℃
	Heating	WB	-30℃~30℃	-30℃~30℃	-30℃~30℃	-30℃~30℃

Notes:
1. Rated cooling capacity and rated heating capacity are tested in the following conditions:
   Cooling Conditions: indoor air inlet temperature: 27℃ DB 19℃ WB, outdoor air nlet temperature: 35℃ DB, pipe length: 7.5m, pipe height difference: 0m.
   Heating Conditions: indoor air inlet temperature: 20℃ DB, outdoor air nlet temperature: 7℃ DB 6℃ WB, pipe Length: 7.5m, pipe height difference: 0m.
2. The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
   Measurement point: 1m from the service cover surface and 1.5m from the floor level.
3. When the connection ratio is lower than 50% or higher than 130%, please consult our local technical engineers.

Specifications

HP			54HP	56HP	58HP	60HP	62HP
Model			AVWT-522HKF5S	AVWT-540HKF5S	AVWT-557HKF5S	AVWT-574HKF5S	AVWT-593HKF5S
Modules			AVWT-250HKF5S	AVWT-250HKF5S	AVWT-250HKF5S	AVWT-250HKF5S	AVWT-250HKF5S
			AVWT-272HKF5S	AVWT-290HKF5S	AVWT-307HKF5S	AVWT-324HKF5S	AVWT-343HKF5S
			/	/	/	/	/
			/	/	/	/	/
Power Supply			380-415V 3~ 50Hz/60Hz				
Cooling	Capacity*1	kW	152.0	158.5	163.5	168.9	173.5
		kBtu/h	518.5	540.7	557.7	576.2	591.9
	Power Input	kW	50.74	55.34	56.78	59.78	61.72
	EER	kW/kW	3.00	2.86	2.88	2.83	2.81
	SEER	kW/kW	6.05	5.91	5.85	5.80	5.80
Heating	Capacity (Max/Nom)*1	kW	170/152	177.5/158.5	182.5/163.5	189/168.9	195.5/173.5
		kBtu/h	579.9/518.5	605.5/540.7	622.6/557.7	644.7/576.2	666.9/591.9
	Power Input (Max/Nom)	kW	42.05/33.66	44.55/35.57	46.07/36.3	49.2/38.82	52.8/40.21
	COP (Max/Nom)	kW/kW	4.04/4.52	3.98/4.46	3.96/4.50	3.84/4.35	3.70/4.31
	SCOP	kW/kW	4.41	4.31	4.40	4.26	4.28
Ventilation	Air Flow Rate	m^3/min	808	808	867	867	867
	Fan Quantity	pcs	4	4	4	4	4
	Static Pressure	Pa	110	110	110	110	110
Sound Pressure Level*2	Normal Mode	dB(A)	70	70	70	71	71
	Silent Mode	dB(A)	43	43	43	43	43
Compressor	Type	—	Enhanced Vapor Injection Scroll Compressor				
	Quantity	pcs	4	4	4	4	4
Refrigerant	Type	—	R410A				
	Pre-charged Amount	kg	27	27	27.6	27.6	27.6
Weight	Net Weight	kg	406+482	406+482	406+482	406+493	406+493
	Gross Weight	kg	430+519	430+519	430+519	430+530	430+530
Dimensions	External (H × W × D)	mm	1800x(1880+1600)x825				
	Packing (H × W × D)	mm	1960x(1940+1660)x885				
Cabinet Color		—	Gray + White				
Ref. Piping	Gas Pipe	mm	Φ41.3	Φ41.3	Φ44.5	Φ44.5	Φ44.5
		inch	1-5/8	1-5/8	1-3/4	1-3/4	1-3/4
	Liquid Pipe	mm	Φ22.2	Φ22.2	Φ22.2	Φ22.2	Φ22.2
		inch	7/8	7/8	7/8	7/8	7/8
Connectable Indoor Units	Quantity	pcs	109	113	117	121	125
	Connection Ratio*3	—	30~150%				
Piping Design	Max. Piping Length (Actual)	m	220	220	220	220	220
	Max. Piping Length (Equivalent)	m	260	260	260	260	260
	Height Difference between ODU and IDU	m	110	110	110	110	110
	Height Difference between IDUs	m	40	40	40	40	40
Operation Range	Cooling	DB	-15℃~55℃	-15℃~55℃	-15℃~55℃	-15℃~55℃	-15℃~55℃
	Heating	WB	-30℃~30℃	-30℃~30℃	-30℃~30℃	-30℃~30℃	-30℃~30℃

Notes:
1. Rated cooling capacity and rated heating capacity are tested in the following conditions:
   Cooling Conditions: indoor air inlet temperature: 27℃ DB 19℃ WB, outdoor air nlet temperature: 35℃ DB, pipe length: 7.5m, pipe height difference: 0m.
   Heating Conditions: indoor air inlet temperature: 20℃ DB, outdoor air nlet temperature: 7℃ DB 6℃ WB, pipe Length: 7.5m, pipe height difference: 0m.
2. The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
   Measurement point: 1m from the service cover surface and 1.5m from the floor level.
3. When the connection ratio is lower than 50% or higher than 130%, please consult our local technical engineers.

Specifications

HP			64HP	66HP	68HP	70HP	72HP
Model			AVWT-614HKF5S	AVWT-631HKF5S	AVWT-650HKF5S	AVWT-667HKF5S	AVWT-686HKF5S
Modules			AVWT-307HKF5S	AVWT-307HKF5S	AVWT-307HKF5S	AVWT-324HKF5S	AVWT-343HKF5S
			AVWT-307HKF5S	AVWT-324HKF5S	AVWT-343HKF5S	AVWT-343HKF5S	AVWT-343HKF5S
			/	/	/	/	/
			/	/	/	/	/
Power Supply			380-415V 3~ 50Hz/60Hz				
Cooling	Capacity*1	kW	180.0	185.4	190.0	195.4	200.0
		kBtu/h	614.0	632.5	648.2	666.7	682.4
	Power Input	kW	63.38	66.38	68.32	71.32	73.26
	EER	kW/kW	2.84	2.79	2.78	2.74	2.73
	SEER	kW/kW	5.90	5.85	5.85	5.80	5.80
Heating	Capacity (Max/Nom)*1	kW	200/180	206.5/185.4	213/190	219.5/195.4	226/200
		kBtu/h	682.4/614	704.5/632.5	726.7/648.2	748.8/666.7	771/682.4
	Power Input (Max/Nom)	kW	49.5/40.72	52.63/43.24	56.23/44.63	59.36/47.15	62.96/48.54
	COP (Max/Nom)	kW/kW	4.04/4.42	3.92/4.29	3.79/4.26	3.70/4.14	3.59/4.12
	SCOP	kW/kW	4.51	4.38	4.39	4.27	4.28
Ventilation	Air Flow Rate	m³/min	934	934	934	934	934
	Fan Quantity	pcs	4	4	4	4	4
	Static Pressure	Pa	110	110	110	110	110
Sound Pressure Level*2	Normal Mode	dB(A)	71	71	71	71	71
	Silent Mode	dB(A)	43	43	43	43	43
Compressor	Type	—	Enhanced Vapor Injection Scroll Compressor				
	Quantity	pcs	4	4	4	4	4
Refrigerant	Type	—	R410A				
	Pre-charged Amount	kg	32.2	32.2	32.2	32.2	32.2
Weight	Net Weight	kg	482+482	482+493	482+493	493+493	493+493
	Gross Weight	kg	519+519	519+530	519+530	530+530	530+530
Dimensions	External (H × W × D)	mm	1800x(1880+1880)x825				
	Packing (H × W × D)	mm	1960x(1940+1940)x885				
Cabinet Color		—	Gray + White				
Ref. Piping	Gas Pipe	mm	Φ44.5	Φ44.5	Φ44.5	Φ44.5	Φ44.5
		inch	1-3/4	1-3/4	1-3/4	1-3/4	1-3/4
	Liquid Pipe	mm	Φ22.2	Φ22.2	Φ22.2	Φ22.2	Φ22.2
		inch	7/8	7/8	7/8	7/8	7/8
Connectable Indoor Units	Quantity	pcs	128	128	128	128	128
	Connection Ratio*3	—	30~150%				
Piping Design	Max. Piping Length (Actual)	m	220	220	220	220	220
	Max. Piping Length (Equivalent)	m	260	260	260	260	260
	Height Difference between ODU and IDU	m	110	110	110	110	110
	Height Difference between IDUs	m	40	40	40	40	40
Operation Range	Cooling	DB	-15℃~55℃	-15℃~55℃	-15℃~55℃	-15℃~55℃	-15℃~55℃
	Heating	WB	-30℃~30℃	-30℃~30℃	-30℃~30℃	-30℃~30℃	-30℃~30℃

Notes:
1. Rated cooling capacity and rated heating capacity are tested in the following conditions:
   Cooling Conditions: indoor air inlet temperature: 27℃ DB 19℃ WB, outdoor air nlet temperature: 35℃ DB, pipe length: 7.5m, pipe height difference: 0m.
   Heating Conditions: indoor air inlet temperature: 20℃ DB, outdoor air nlet temperature: 7℃ DB 6℃ WB, pipe Length: 7.5m, pipe height difference: 0m.
2. The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
   Measurement point: 1m from the service cover surface and 1.5m from the floor level.
3. When the connection ratio is lower than 50% or higher than 130%, please consult our local technical engineers.

Specifications

HP			74HP	76HP	78HP	80HP
Model			AVWT-714HKF5S	AVWT-732HKF5S	AVWT-750HKF5S	AVWT-772HKF5S
Modules			AVWT-232HKF5S	AVWT-232HKF5S	AVWT-250HKF5S	AVWT-250HKF5S
			AVWT-232HKF5S	AVWT-250HKF5S	AVWT-250HKF5S	AVWT-250HKF5S
			AVWT-250HKF5S	AVWT-250HKF5S	AVWT-250HKF5S	AVWT-272HKF5S
			/	/	/	/
Power Supply			380-415V 3~ 50Hz/60Hz			
Cooling	Capacity*1	kW	209.5	215.0	220.5	225.5
		kBtu/h	714.7	733.4	752.1	769.2
	Power Input	kW	70.57	72.92	75.27	75.83
	EER	kW/kW	2.97	2.95	2.93	2.97
	SEER	kW/kW	6.18	5.98	5.80	5.96
Heating	Capacity (Max/Nom)*1	kW	232.5/209.5	240/215	247.5/220.5	252.5/225.5
		kBtu/h	793.2/714.7	818.7/733.4	844.2/752.1	861.3/769.2
	Power Input (Max/Nom)	kW	61.64/46.3	62.8/47.06	63.96/47.82	63.37/49.6
	COP (Max/Nom)	kW/kW	3.77/4.52	3.82/4.57	3.87/4.61	3.98/4.55
	SCOP	kW/kW	4.62	4.44	4.27	4.36
Ventilation	Air Flow Rate	m³/min	1034	1117	1200	1208
	Fan Quantity	pcs	6	6	6	6
	Static Pressure	Pa	110	110	110	110
Sound Pressure Level*2	Normal Mode	dB(A)	71	71	71	72
	Silent Mode	dB(A)	45	45	45	45
Compressor	Type	—	Enhanced Vapor Injection Scroll Compressor			
	Quantity	pcs	6	6	6	6
Refrigerant	Type	—	R410A			
	Pre-charged Amount	kg	37.7	36.1	34.5	38.5
Weight	Net Weight	kg	406+368+368	406+406+368	406+406+406	482+406+406
	Gross Weight	kg	430+399+399	430+430+399	430+430+430	519+430+430
Dimensions	External (H × W × D)	mm	1800x(1390+1390+1600)x825	1800x(1600+1600+1390)x825	1800x(1600+1600+1600)x825	1800x(1880+1600+1600)x825
	Packing (H × W × D)	mm	1960x(1450+1450+1660)x885	1960x(1660+1660+1450)x885	1960x(1660+1660+1660)x885	1960x(1940+1660+1660)x885
Cabinet Color		—	Gray + White			
Ref. Piping	Gas Pipe	mm	Φ44.5	Φ44.5	Φ44.5	Φ44.5
		inch	1-3/4	1-3/4	1-3/4	1-3/4
	Liquid Pipe	mm	Φ22.2	Φ22.2	Φ22.2	Φ22.2
		inch	7/8	7/8	7/8	7/8
Connectable Indoor Units	Quantity	pcs	128	128	128	128
	Connection Ratio*3	—	30~130%			
Piping Design	Max. Piping Length (Actual)	m	220	220	220	220
	Max. Piping Length (Equivalent)	m	260	260	260	260
	Height Difference between ODU and IDU	m	110	110	110	110
	Height Difference between IDUs	m	40	40	40	40
Operation Range	Cooling	DB	-15℃~55℃	-15℃~55℃	-15℃~55℃	-15℃~55℃
	Heating	WB	-30℃~30℃	-30℃~30℃	-30℃~30℃	-30℃~30℃

Notes:
1. Rated cooling capacity and rated heating capacity are tested in the following conditions:
   Cooling Conditions: indoor air inlet temperature: 27℃ DB 19℃ WB, outdoor air nlet temperature: 35℃ DB, pipe length: 7.5m, pipe height difference: 0m.
   Heating Conditions: indoor air inlet temperature: 20℃ DB, outdoor air nlet temperature: 7℃ DB 6℃ WB, pipe Length: 7.5m, pipe height difference: 0m.
2. The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
   Measurement point: 1m from the service cover surface and 1.5m from the floor level.
3. When the connection ratio is lower than 50% or higher than 130%, please consult our local technical engineers.

Specifications

HP			82HP	84HP	86HP	88HP
Model			AVWT-790HKF5S	AVWT-807HKF5S	AVWT-824HKF5S	AVWT-843HKF5S
Modules			AVWT-250HKF5S	AVWT-250HKF5S	AVWT-250HKF5S	AVWT-250HKF5S
			AVWT-250HKF5S	AVWT-250HKF5S	AVWT-250HKF5S	AVWT-250HKF5S
			AVWT-290HKF5S	AVWT-307HKF5S	AVWT-324HKF5S	AVWT-343HKF5S
			/	/	/	/
Power Supply			380-415V 3~ 50Hz/60Hz			
Cooling	Capacity*1	kW	232.0	237.0	242.4	247.0
		kBtu/h	791.4	808.4	826.9	842.6
	Power Input	kW	80.43	81.87	84.87	86.81
	EER	kW/kW	2.88	2.89	2.86	2.85
	SEER	kW/kW	5.87	5.84	5.80	5.80
Heating	Capacity (Max/Nom)*1	kW	260/232	265/237	271.5/242.4	278/247
		kBtu/h	886.9/791.4	904/808.4	926.1/826.9	948.3/842.6
	Power Input (Max/Nom)	kW	65.87/51.51	67.39/52.24	70.52/54.76	74.12/56.15
	COP (Max/Nom)	kW/kW	3.95/4.50	3.93/4.54	3.85/4.43	3.75/4.40
	SCOP	kW/kW	4.30	4.36	4.27	4.27
Ventilation	Air Flow Rate	m^3/min	1208	1267	1267	1267
	Fan Quantity	pcs	6	6	6	6
	Static Pressure	Pa	110	110	110	110
Sound Pressure Level*2	Normal Mode	dB(A)	72	72	72	72
	Silent Mode	dB(A)	45	45	45	45
Compressor	Type	—	Enhanced Vapor Injection Scroll Compressor			
	Quantity	pcs	6	6	6	6
Refrigerant	Type	—	R410A			
	Pre-charged Amount	kg	38.5	39.1	39.1	39.1
Weight	Net Weight	kg	482+406+406	482+406+406	493+406+406	493+406+406
	Gross Weight	kg	519+430+430	519+430+430	530+430+430	530+430+430
Dimensions	External (H×W×D)	mm	1800x(1880+1600+1600)x825			
	Packing (H×W×D)	mm	1960x(1940+1660+1660)x885			
Cabinet Color		—	Gray + White			
Ref. Piping	Gas Pipe	mm	Φ44.5	Φ50.8	Φ50.8	Φ50.8
		inch	1-3/4	2	2	2
	Liquid Pipe	mm	Φ22.2	Φ25.4	Φ25.4	Φ25.4
		inch	7/8	1	1	1
Connectable Indoor Units	Quantity	pcs	128	128	128	128
	Connection Ratio*3	—	30~130%			
Piping Design	Max. Piping Length (Actual)	m	220	220	220	220
	Max. Piping Length (Equivalent)	m	260	260	260	260
	Height Difference between ODU and IDU	m	110	110	110	110
	Height Difference between IDUs	m	40	40	40	40
Operation Range	Cooling	DB	-15℃~55℃	-15℃~55℃	-15℃~55℃	-15℃~55℃
	Heating	WB	-30℃~30℃	-30℃~30℃	-30℃~30℃	-30℃~30℃

Notes:
1. Rated cooling capacity and rated heating capacity are tested in the following conditions:
   Cooling Conditions: indoor air inlet temperature: 27℃ DB 19℃ WB, outdoor air nlet temperature: 35℃ DB, pipe length: 7.5m, pipe height difference: 0m.
   Heating Conditions: indoor air inlet temperature: 20℃ DB, outdoor air nlet temperature: 7℃ DB 6℃ WB, pipe Length: 7.5m, pipe height difference: 0m.
2. The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
   Measurement point: 1m from the service cover surface and 1.5m from the floor level.
3. When the connection ratio is lower than 50% or higher than 130%, please consult our local technical engineers.

Specifications

HP			90HP	92HP	94HP
Model			AVWT-864HKF5S	AVWT-881HKF5S	AVWT-900HKF5S
Modules			AVWT-250HKF5S	AVWT-250HKF5S	AVWT-250HKF5S
			AVWT-307HKF5S	AVWT-307HKF5S	AVWT-307HKF5S
			AVWT-307HKF5S	AVWT-324HKF5S	AVWT-343HKF5S
			/	/	/
Power Supply			380-415V 3~ 50Hz/60Hz		
Cooling	Capacity*1	kW	253.5	258.9	263.5
		kBtu/h	864.7	883.2	898.9
	Power Input	kW	88.47	91.47	93.41
	EER	kW/kW	2.87	2.83	2.82
	SEER	kW/kW	5.87	5.83	5.83
Heating	Capacity (Max/Nom)*1	kW	282.5/253.5	289/258.9	295.5/263.5
		kBtu/h	963.8/864.7	985.9/883.2	1008.1/898.9
	Power Input (Max/Nom)	kW	70.82/56.66	73.95/59.18	77.55/60.57
	COP (Max/Nom)	kW/kW	3.99/4,47	3.91/4.37	3.81/4.35
	SCOP	kW/kW	4.44	4.35	4.35
Ventilation	Air Flow Rate	m^3/min	1334	1334	1334
	Fan Quantity	pcs	6	6	6
	Static Pressure	Pa	110	110	110
Sound Pressure Level*2	Normal Mode	dB(A)	72	72	72
	Silent Mode	dB(A)	45	45	45
Compressor	Type	—	Enhanced Vapor Injection Scroll Compressor		
	Quantity	pcs	6	6	6
Refrigerant	Type	—	R410A		
	Pre-charged Amount	kg	43.7	43.7	43.7
Weight	Net Weight	kg	482+482+406	493+482+406	493+482+406
	Gross Weight	kg	519+519+430	530+519+430	530+519+430
Dimensions	External (H×W×D)	mm	1800x(1880+1880+1600)x825		
	Packing (H×W×D)	mm	1960x(1940+1940+1660)x885		
Cabinet Color		—	Gray + White		
Ref. Piping	Gas Pipe	mm	Φ50.8	Φ50.8	Φ50.8
		inch	2	2	2
	Liquid Pipe	mm	Φ25.4	Φ25.4	Φ25.4
		inch	1	1	1
Connectable Indoor Units	Quantity	pcs	128	128	128
	Connection Ratio*3	—	30~130%		
Piping Design	Max. Piping Length (Actual)	m	220	220	220
	Max. Piping Length (Equivalent)	m	260	260	260
	Height Difference between ODU and IDU	m	110	110	110
	Height Difference between IDUs	m	40	40	40
Operation Range	Cooling	DB	-15℃~55℃	-15℃~55℃	-15℃~55℃
	Heating	WB	-30℃~30℃	-30℃~30℃	-30℃~30℃

Notes:
1. Rated cooling capacity and rated heating capacity are tested in the following conditions:
   Cooling Conditions: indoor air inlet temperature: 27℃ DB 19℃ WB, outdoor air nlet temperature: 35℃ DB, pipe length: 7.5m, pipe height difference: 0m.
   Heating Conditions: indoor air inlet temperature: 20℃ DB, outdoor air nlet temperature: 7℃ DB 6℃ WB, pipe Length: 7.5m, pipe height difference: 0m.
2. The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
   Measurement point: 1m from the service cover surface and 1.5m from the floor level.
3. When the connection ratio is lower than 50% or higher than 130%, please consult our local technical engineers.

Specifications

HP			96HP	98HP	100HP	102HP
Model			AVWT-917HKF5S	AVWT-936HKF5S	AVWT-957HKF5S	AVWT-974HKF5S
Modules			AVWT-250HKF5S	AVWT-250HKF5S	AVWT-307HKF5S	AVWT-307HKF6S
			AVWT-324HKF5S	AVWT-343HKF5S	AVWT-307HKF5S	AVWT-324HKF5S
			AVWT-343HKF5S	AVWT-343HKF5S	AVWT-343HKF5S	AVWT-343HKF5S
			/	/	/	/
Power Supply			380-415V 3~ 50Hz/60Hz			
Cooling	Capacity*1	kW	268.9	273.5	280.0	285.4
		kBtu/h	917.4	933.1	955.2	973.7
	Power Input	kW	96.41	98.35	100.01	103.01
	EER	kW/kW	2.79	2.78	2.80	2.77
	SEER	kW/kW	5.80	5.80	5.86	5.83
Heating	Capacity (Max/Nom)*1	kW	302/268.9	308.5/273.5	313/280	319.5/285.4
		kBtu/h	1030.2/917.4	1052.4/933.1	1067.9/955.2	1090/973.7
	Power Input (Max/Nom)	kW	80.68/63.09	84.28/64.48	80.98/64.99	84.11/67.51
	COP (Max/Nom)	kW/kW	3.74/4.26	3.66/4.24	3.87/4.31	3.8/4.23
	SCOP	kW/kW	4.27	4.28	4.43	4.34
Ventilation	Air Flow Rate	m^3/min	1334	1334	1401	1401
	Fan Quantity	pcs	6	6	6	6
	Static Pressure	Pa	110	110	110	110
Sound Pressure Level*2	Normal Mode	dB(A)	73	73	73	73
	Silent Mode	dB(A)	45	45	45	45
Compressor	Type	—	Enhanced Vapor Injection Scroll Compressor			
	Quantity	pcs	6	6	6	6
Refrigerant	Type	—	R410A			
	Pre-charged Amount	kg	43.7	43.7	48.3	48.3
Weight	Net Weight	kg	493+493+406	493+493+406	493+482+482	493+493+482
	Gross Weight	kg	530+530+430	530+530+430	530+519+519	530+530+519
Dimensions	External (H×W×D)	mm	1800x(1880+1880+1600)x825		1800x(1880+1880+1880)x825	
	Packing (H×W×D)	mm	1960x(1940+1940+1660)x885		1960x(1940+1940+1940)x885	
Cabinet Color		—	Gray + White			
Ref. Piping	Gas Pipe	mm	Φ50.8	Φ50.8	Φ50.8	Φ50.8
		inch	2	2	2	2
	Liquid Pipe	mm	Φ25.4	Φ25.4	Φ25.4	Φ25.4
		inch	1	1	1	1
Connectable Indoor Units	Quantity	pcs	128	128	128	128
	Connection Ratio*3	—	30~130%			
Piping Design	Max. Piping Length (Actual)	m	220	220	220	220
	Max. Piping Length (Equivalent)	m	260	260	260	260
	Height Difference between ODU and IDU	m	110	110	110	110
	Height Difference between IDUs	m	40	40	40	40
Operation Range	Cooling	DB	-15℃~55℃	-15℃~55℃	-15℃~55℃	-15℃~55℃
	Heating	WB	-30℃~30℃	-30℃~30℃	-30℃~30℃	-30℃~30℃

Notes:
1. Rated cooling capacity and rated heating capacity are tested in the following conditions:
   Cooling Conditions: indoor air inlet temperature: 27℃ DB 19℃ WB, outdoor air nlet temperature: 35℃ DB, pipe length: 7.5m, pipe height difference: 0m.
   Heating Conditions: indoor air inlet temperature: 20℃ DB, outdoor air nlet temperature: 7℃ DB 6℃ WB, pipe Length: 7.5m, pipe height difference: 0m.
2. The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
   Measurement point: 1m from the service cover surface and 1.5m from the floor level.
3. When the connection ratio is lower than 50% or higher than 130%, please consult our local technical engineers.

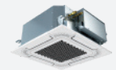
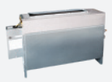
Specifications

HP			104HP	106HP	108HP
Model			AVWT-993HKF5S	AVWT-1010HKF5S	AVWT-1029HKF5S
Modules			AVWT-307HKF7S	AVWT-324HKF5S	AVWT-343HKF5S
			AVWT-343HKF5S	AVWT-343HKF5S	AVWT-343HKF5S
			AVWT-343HKF5S	AVWT-343HKF5S	AVWT-343HKF5S
			/	/	/
Power Supply			380-415V 3~ 50Hz/60Hz		
Cooling	Capacity*1	kW	290.0	295.4	300.0
		kBtu/h	959.4	1007.9	1023.6
	Power Input	kW	104.95	107.95	109.89
	EER	kW/kW	2.76	2.74	2.73
	SEER	kW/kW	5.83	5.80	5.80
Heating	Capacity (Max/Nom)*1	kW	326/290	332.5/295.4	339/300
		kBtu/h	1112.2/959.4	1134.3/1007.9	1156.5/1023.6
	Power Input (Max/Nom)	kW	87.71/68.9	90.84/71.42	94.44/72.81
	COP (Max/Nom)	kW/kW	3.72/4.21	3.66/4.14	3.59/4.12
	SCOP	kW/kW	4.35	4.27	4.28
Ventilation	Air Flow Rate	m^3/min	1401	1401	1401
	Fan Quantity	pcs	6	6	6
	Static Pressure	Pa	110	110	110
Sound Pressure Level*2	Normal Mode	dB(A)	73	73	73
	Silent Mode	dB(A)	45	45	45
Compressor	Type	—	Enhanced Vapor Injection Scroll Compressor		
	Quantity	pcs	6	6	6
Refrigerant	Type	—	R410A		
	Pre-charged Amount	kg	48.3	48.3	48.3
Weight	Net Weight	kg	493+493+482	493+493+493	493+493+493
	Gross Weight	kg	530+530+519	530+530+530	530+530+530
Dimensions	External (H×W×D)	mm	1800x(1880+1880+1880)x825		
	Packing (H×W×D)	mm	1960x(1940+1940+1940)x885		
Cabinet Color		—	Gray + White		
Ref. Piping	Gas Pipe	mm	Φ50.8	Φ50.8	Φ50.8
		inch	2	2	2
	Liquid Pipe	mm	Φ25.4	Φ25.4	Φ25.4
		inch	1	1	1
Connectable Indoor Units	Quantity	pcs	128	128	128
	Connection Ratio*3	—	30~130%		
Piping Design	Max. Piping Length (Actual)	m	220	220	220
	Max. Piping Length (Equivalent)	m	260	260	260
	Height Difference between ODU and IDU	m	110	110	110
	Height Difference between IDUs	m	40	40	40
Operation Range	Cooling	DB	-15℃~55℃	-15℃~55℃	-15℃~55℃
	Heating	WB	-30℃~30℃	-30℃~30℃	-30℃~30℃

Notes:
1. Rated cooling capacity and rated heating capacity are tested in the following conditions:
   Cooling Conditions: indoor air inlet temperature: 27℃ DB 19℃ WB, outdoor air nlet temperature: 35℃ DB, pipe length: 7.5m, pipe height difference: 0m.
   Heating Conditions: indoor air inlet temperature: 20℃ DB, outdoor air nlet temperature: 7℃ DB 6℃ WB, pipe Length: 7.5m, pipe height difference: 0m.
2. The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
   Measurement point: 1m from the service cover surface and 1.5m from the floor level.
3. When the connection ratio is lower than 50% or higher than 130%, please consult our local technical engineers.

INDOOR UNITS

Indoor Units Line-up

HP		0.6	0.8	1.0	1.3	1.5	1.6	1.8	1.9	2.0	2.3	2.5	3.0	3.3	4.0	4.5	5.0	6.0	8.0	10.0
kBtu/h		5	7	9	12	14	15	17	18	19	22	24	27	30	38	42	48	54	76	96
4–Way Cassette*				●	●		●			●	●	●	●	●	●		●	●		
Mini 4–Way Cassette*		●	●	●	●		●	●		●										
1–Way Cassette			●	●	●	●			●			●								
2–Way Cassette			●	●	●	●			●			●	●	●	●		●	●		
Console		●	●	●	●		●	●												
Ceiling Ducted (AC Low–height)		●	●	●	●		●	●		●	●	●								
Ceiling Ducted* (DC Low–height)		●	●	●	●		●			●		●								
Ceiling Ducted* (DC High Static Pressure)			●	●	●		●			●		●		●	●	●	●	●	●	●
Ceiling Ducted (High Static Pressure)			●	●	●		●			●	●	●	●	●	●		●	●		
Ceiling Ducted (Low Static Pressure)			●	●	●		●			●	●	●	●	●	●		●	●		
Wall Mounted*		●	●	●	●		●			●		●	●							
Ceiling & Floor								●		●	●	●	●	●	●		●			
Floor Concealed				●		●			●			●								

Note: 1. For more details, check each unit's respective pages. 2. * Be compatible with both R32 and R410a.

Indoor Units Overview

Unit	Accessories									
	Drain Pump (built-in)	Drain Pump (external)	3D Airflow Panel	Filter	Humidity Sensor	AirPure Kit	Motion Sensor	Hi-Motion	Outlet Air Temp Sensor	Float Switch
4-Way Cassette	●	○	×	●	○	○	○	○	●	●
Mini 4-Way Cassette	●	○	×	●	○	○	○	○	●	●
1-Way Cassette	●	○	×	●	×	×	×	○	●	●
2-Way Cassette	●	○	×	●	×	×	×	○	●	●
Console	×	○	×	●	○	×	×	○	×	×
Ceiling Ducted (AC Low-height)	●	○	○	●	○	○	×	○	×	●
Ceiling Ducted (DC Low-height)	●	○	○	●	○	○	×	○	●	●
Ceiling Ducted (DC High Static Pressure) AVD-07~AVD-54	○	○	×	●	○	○	×	○	●	●
Ceiling Ducted (DC High Static Pressure) AVD-76 & AVD-96	○	○	×	○	○	○	×	○	●	●
Ceiling Ducted (High Static Pressure)	○	○	×	●	○	○	×	○	×	●
Ceiling Ducted (Low Static Pressure)	○	○	×	●	○	○	×	○	×	●
Wall Mounted	×	×	×	●	○	●	×	○	●	×
Ceiling & Floor	×	○	×	●	×	×	×	○	●	×
Floor Concealed	×	○	×	×	×	×	×	○	●	×

Remarks: Standard: ● Optional: ○ Incompatible: ×

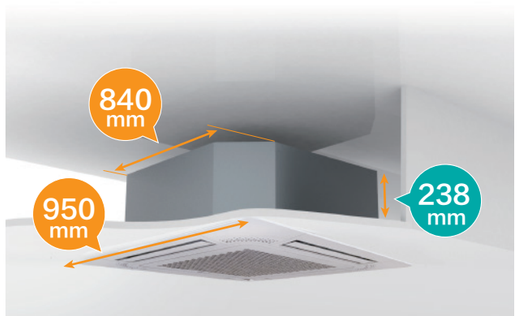
Unit	Features											
	Dry Contact Input	Windows Linkage	Dry Contact Output	Fresh Air Intake	Sleep	Quiet	ECO	Individual Louver Control	Breeze Mode	Self Cleaning	Auto Fan Speed	Dynamic ESP
4-Way Cassette	●	●	●	●	●	●	●	●	●	●	●	×
Mini 4-Way Cassette	●	●	●	●	●	●	●	●	●	●	●	×
1-Way Cassette	●	×	●	●	●	●	●	×	×	●	●	×
2-Way Cassette	●	×	●	●	×	×	×	●	×	×	●	×
Console	●	×	●	●	●	●	●	×	×	×	×	×
Ceiling Ducted (AC Low-height)	●	●	●	●	●	●	●	×	×	×	×	×
Ceiling Ducted (DC High Static Pressure) AVD-07~AVD-54	●	●	●	●	●	●	●	×	×	●	●	●
Ceiling Ducted (DC High Static Pressure) AVD-76 & AVD-96	●	●	●	×	●	●	●	×	×	●	●	●
Ceiling Ducted (High Static Pressure)	●	●	●	●	×	×	●	×	×	×	×	×
Ceiling Ducted (Low Static Pressure)	●	●	●	●	×	×	●	×	×	×	×	×
Wall Mounted	●	●	●	×	●	●	●	×	×	●	●	×
Ceiling & Floor	●	×	●	×	×	×	×	×	×	×	×	×
Floor Concealed	●	×	●	×	●	●	●	×	×	×	●	×

Remarks: Standard: ● Optional: ○ Incompatible: ×

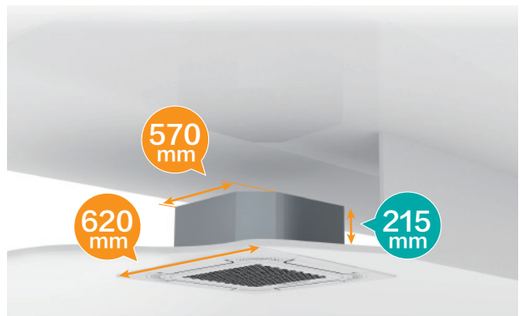
4-Way Cassette
Mini 4-Way Cassette

Compact and Classy Design

The 4–way cassette is as slim as 238mm, and the mini 4–way cassette is only 215mm, making them suitable for narrow ceiling spaces. The newly designed panel seamlessly integrates with indoor aesthetics.



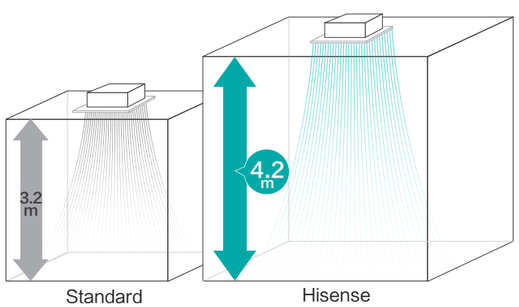
4–way Cassette Type



Mini 4–way Cassette Type

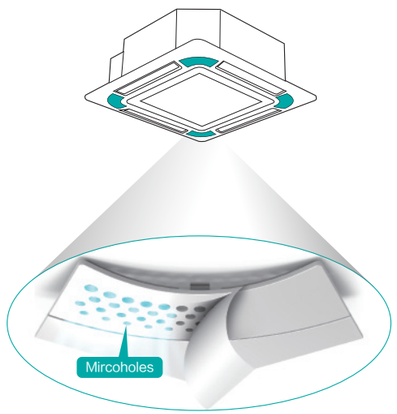
Higher Installation

The cassette unit is capable of blowing air from ceiling heights of up to 4.2m, ensuring effective air distribution even in rooms with high ceilings.



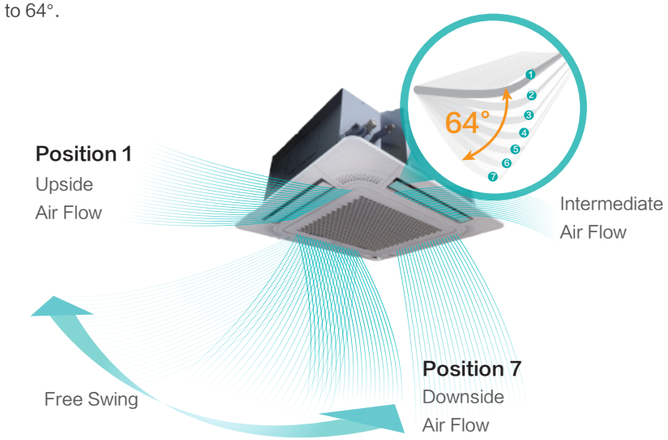
Breeze Mode

Under the new designed breeze mode, the cold air is blown out from the microholes in the panel, and the unit is working in a mute mode, which can avoid blowing air directly on people and achieve more even and comfortable airflow.



Individual Louvers Control

4–way cassette louvers are now capable of individual control to freely choose how you want your AC unit supplies air according to different needs, applications and installation layouts. Each louver has 7 adjustable angle settings with a maximum angle of up to 64°.

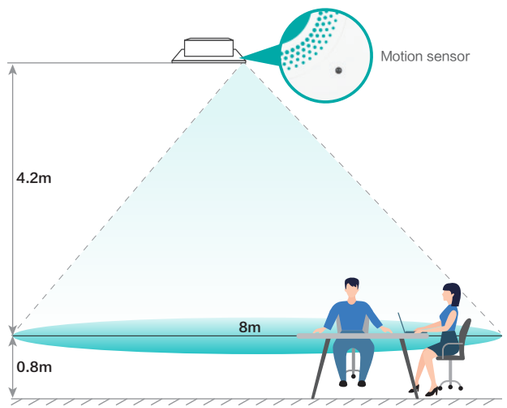


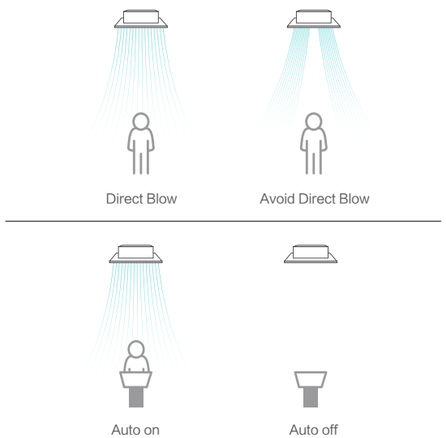
Self–cleaning Function

The cassette unit is featured with self–cleaning function. With just a press on the controller, the unit cleans itself automatically without manual intervention. It not only ensures clean and healthy air supply but also saves your valuable time and cost.

Motion Sensor

The sensor detects human presence to automatically switch the cassette unit on or off and adjust the airflow direction towards people or away from them. When the area becomes crowded, the system automatically lowers the set temperature to maintain comfort, and vise versa.





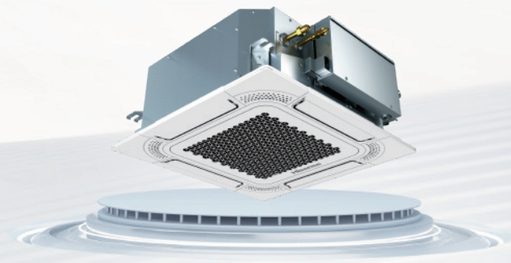
4-Way Cassette

Model			AVBC-09 HJDBA	AVBC-12 HJDBA	AVBC-15 HJDBA	AVBC-19 HJDBA	AVBC-22 HJDBA	AVBC-24 HJDBA	AVBC-27 HJDBA	AVBC-30 HJDBA	AVBC-38 HJDBA	AVBC-48 HJDBA	AVBC-54 HJDBA
Power supply			AC 1Φ, 220V~240V/50Hz/60Hz										
Capacity	Cooling	kW	2.8	3.6	4.5	5.6	6.3	7.1	8.0	9.0	11.2	14.0	16.0
		Btu/h	9,600	12,300	15,300	19,100	21,500	24,200	27,300	30,700	38,200	47,800	54,600
	Heating	kW	3.2	4.0	5.0	6.3	7.1	8.0	9.0	10.0	12.5	16.0	18.0
		Btu/h	10,900	13,700	17,100	21,500	24,200	27,300	30,700	34,100	42,700	54,600	61,400
Power Input	Cooling	W	20	30	40	50	50	60	70	70	80	130	130
	Heating	W	20	30	40	50	50	60	70	70	80	130	130
Sound Pressure		dB(A)	30/28/28/ 27/26/26	32/29/29/ 28/27/26	33/31/29/ 29/27/26	34/31/30/ 28/28/26	36/33/32/ 31/29/28	36/33/32/ 31/29/28	37/36/35/ 33/31/30	37/36/35/ 33/31/30	42/40/38/ 36/34/33	46/44/40/ 38/36/34	46/44/41/ 40/38/36
Air Flow Rate		m^3/min	15.0/12.8/ 12.0/10.8/ 10.0/8.8	17.0/14.0/ 12.8/11.8/ 10.8/9.1	19.0/15.0/ 13.9/12.6/ 11.4/10.5	19.0/15.0/ 13.9/12.6/ 11.8/10.5	26.0/20.0/ 18.3/17.0/ 15.1/13.0	27.0/21.1/ 19.1/18.0/ 15.8/14.7	25.0/21.1/ 19.6/17.9/ 16.1/14.7	25.0/22.3/ 20.3/18.3/ 16.9/15.3	31.0/29.5/ 28.7/26.0/ 23.5/20.5	37.0/33.5/ 29.6/27.2/ 24.2/22.4	37.0/34.0/ 30.7/28.9/ 25.6/23.8
Piping	Connection Type	–	Flare-nut Connection(with Flare Nuts)										
	Liquid	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53
		inch	(1/4)	(1/4)	(1/4)	(1/4)	(1/4)	(3/8)	(3/8)	(3/8)	(3/8)	(3/8)	(3/8)
	Gas	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88
		inch	(1/2)	(1/2)	(1/2)	(1/2)	(1/2)	(5/8)	(5/8)	(5/8)	(5/8)	(5/8)	(5/8)
	Condensate Drain	–	O.D. 32										
Weight	Net Weight	kg	20	20	20	20	21	21	23	23	26	26	26
	Gross Weight	kg	24	24	24	24	25	25	27	27	31	31	31
Dimensions	External	H mm	238	238	238	238	238	238	238	238	288	288	288
		W mm	840	840	840	840	840	840	840	840	840	840	840
		D mm	840	840	840	840	840	840	840	840	840	840	840
	Packaging	H mm	292	292	292	292	292	292	292	292	342	342	342
		W mm	945	945	945	945	945	945	945	945	945	945	945
		D mm	945	945	945	945	945	945	945	945	945	945	945
Decoration Panel	Model	–	HPE-GNK1										
	Color	–	Neutral White										
	Body Dimensions	H mm	47	47	47	47	47	47	47	47	47	47	47
		W mm	950	950	950	950	950	950	950	950	950	950	950
		D mm	950	950	950	950	950	950	950	950	950	950	950
	Packaging Dimensions	H mm	100	100	100	100	100	100	100	100	100	100	100
		W mm	1022	1022	1022	1022	1022	1022	1022	1022	1022	1022	1022
		D mm	1022	1022	1022	1022	1022	1022	1022	1022	1022	1022	1022
	Net Weight	kg	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
	Gross Weight	kg	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0

Notes:

1. The nominal cooling capacity and heating capacity are based on following conditions:
   Cooling Operation Conditions
   Indoor Air Inlet Temperature: 27℃ DB (80°F DB), 19.0℃ WB (66.2°F WB)
   Outdoor Air Inlet Temperature: 35℃ DB (95°F DB)
   Piping Length: 7.5 Meters Piping Lift: 0 Meter
   Heating Operation Conditions
   Indoor Air Inlet Temperature: 20℃ DB (68°F DB)
   Outdoor Air Inlet Temperature: 7℃ DB (45°F DB), 6℃ WB (43°F WB)
2. The sound pressure level is based on following conditions: 1.5m beneath the unit.
   The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.

Mini 4-Way Cassette



Model			AVC-05HJDBA	AVC-07HJDBA	AVC-09HJDBA	AVC-12HJDBA	AVC-15HJDBA	AVC-17HJDBA	AVC-19HJDBA
Power supply			AC 1Φ, 220V~240V/50Hz/60Hz						
Capacity	Cooling	kW	1.5	2.2	2.8	3.6	4.5	5.0	5.6
		Btu/h	5,100	7,500	9,600	12,300	15,300	17,000	19,100
	Heating	kW	2.0	2.5	3.3	4.2	5.0	5.6	6.3
		Btu/h	6,800	8,500	11,200	14,300	17,000	19,100	21,500
Power Input	Cooling	W	14	14	14	16	22	30	40
	Heating	W	14	14	14	16	22	30	40
Sound Pressure		dB(A)	30/29/28/26	30/29/28/26	32/30/28/26	34/32/29/26	38/36/31/28	42/39/36/31	45/42/38/34
Air Flow Rate		m^3/min	7.2/6.5/6.2/5.6	7.2/6.5/6.2/5.6	7.8/7.2/6.5/5.8	7.8/7.2/6.5/5.8	9.3/8.7/7.1/6.7	11.0/9.5/8.7/7.1	12.5/10.8/9.3/8.0
Piping	Connection Type	–	Flare-nut Connection(with Flare Nuts)						
	Liquid	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
		inch	(1/4)	(1/4)	(1/4)	(1/4)	(1/4)	(1/4)	(1/4)
	Gas	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ12.7
		inch	(1/2)	(1/2)	(1/2)	(1/2)	(1/2)	(1/2)	(1/2)
	Condensate Drain	–	O.D. 32						
Weight	Net Weight	kg	14.5	14.5	14.8	14.8	15.8	15.8	15.8
	Gross Weight	kg	17.3	17.3	17.6	17.6	18.6	18.6	18.6
Dimensions	External	H mm	215	215	215	215	215	215	215
		W mm	570	570	570	570	570	570	570
		D mm	570	570	570	570	570	570	570
	Packaging	H mm	292	292	292	292	292	292	292
		W mm	730	730	730	730	730	730	730
		D mm	668	668	668	668	668	668	668
Decoration Panel	Model	–	HPE-DNK1						
	Color	–	Neutral White						
	Body Dimensions	H mm	37	37	37	37	37	37	37
		W mm	620	620	620	620	620	620	620
		D mm	620	620	620	620	620	620	620
	Packaging Dimensions	H mm	115	115	115	115	115	115	115
		W mm	690	690	690	690	690	690	690
		D mm	680	680	680	680	680	680	680
	Net Weight	kg	2.7	2.7	2.7	2.7	2.7	2.7	2.7
	Gross Weight	kg	4.0	4.0	4.0	4.0	4.0	4.0	4.0

Notes:

1. The nominal cooling capacity and heating capacity are based on following conditions:
   Cooling Operation Conditions
   Indoor Air Inlet Temperature: 27℃ DB (80°F DB), 19.0℃ WB (66.2°F WB)
   Outdoor Air Inlet Temperature: 35℃ DB (95°F DB)
   Piping Length: 7.5 Meters Piping Lift: 0 Meter
   Heating Operation Conditions
   Indoor Air Inlet Temperature: 20℃ DB (68°F DB)
   Outdoor Air Inlet Temperature: 7℃ DB (45°F DB), 6℃ WB (43°F WB)
2. The sound pressure level is based on following conditions: 1.5m beneath the unit.
   The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.

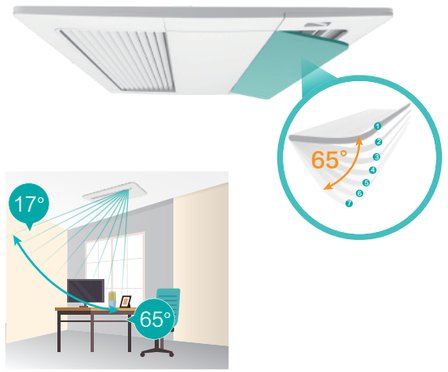
1-Way Cassette

Seamless Integration

The one-way cassette unit features a minimalist and elegant design that seamlessly integrates with indoor decor. Its compact body not only saves space but also effectively directs airflow, making it ideal for installation in confined spaces.

Even Air Supply

The louvers are composed of horizontal and vertical slats to evenly distribute air. With adjustable angles ranging from 17° to 65° , it effectively direct air further and downward to the floor, which is especially beneficial during heating mode.

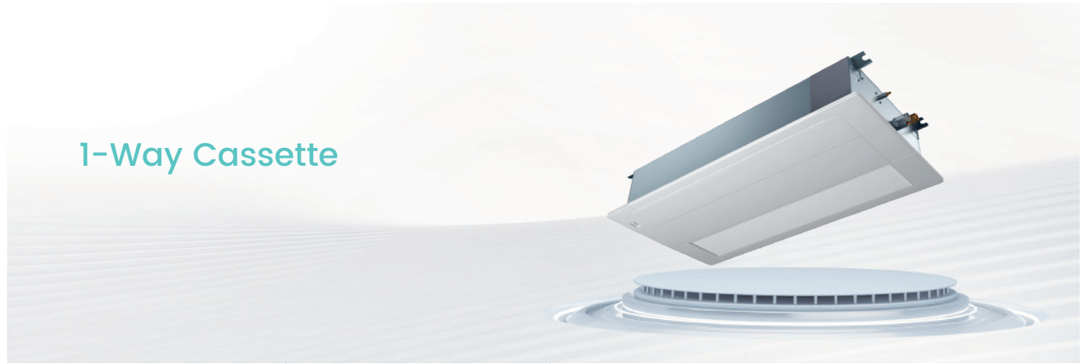


Space Saving

Slim body height of 192mm fits in limited ceiling spaces commonly seen in budget hotels and residential applications.

Easier Maintenance

The electrical box is located at the bottom of the unit, allowing easy access to the PCB by simply removing the panel and box cover. This design simplifies commissioning and maintenance, streamlining the process and reducing both time and costs.



Model				AVY-07UXJSJA	AVY-09UXJSJA	AVY-12UXJSJA	AVY-14UXJSJA	AVY-18UXJSKA	AVY-24UXJSKA
Power Supply				AC 1Φ, 220-240V/50Hz					
Capacity	Cooling		kW	2.2	2.8	3.6	4.5	5.6	7.1
			Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
	Heating		kW	2.5	3.2	4.0	5.0	6.3	8.0
			Btu/h	8,500	10,900	13,600	17,100	21,500	27,300
Power Input	Cooling		W	14	14	24	34	34	74
	Heating		W	14	24	34	44	44	94
Sound Pressure			dB(A)	33/32/31/30/29/28	35/34/32/31/29/28	40/36/35/33/30/29	40/36/35/33/30/29	41/39/36/35/33/31	48/46/43/40/37/33
Airflow Rate			m³/min	6.2/5.9/5.6/ 5.1/4.8/4.6	6.6/6.2/5.6/ 5.1/4.8/4.6	8.3/7.3/6.8/ 6.2/5.6/5.1	8.3/7.3/6.8/ 6.2/5.6/5.1	12.1/9.9/8.8/ 8.2/7.8/6.6	15.6/12.6/11.2/ 9.9/8.4/7.1
	Connection Type		–	Flare-nut Connection (with Flare Nuts)					
Piping	Liquid		mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53
			inch	1/4	1/4	1/4	1/4	1/4	3/8
	Gas		mm	Φ12.70	Φ12.70	Φ12.70	Φ12.70	Φ15.88	Φ15.88
			inch	1/2	1/2	1/2	1/2	5/8	5/8
	Condensate Drain		mm	I.D.32					
Weight	Net Weight		kg	19	19	20	20	24	24
	Gross Weight		kg	23	23	24	24	29	29
Dimensions	External	H	mm	192	192	192	192	192	192
		W	mm	910	910	910	910	1180	1180
		D	mm	470	470	470	470	470	470
	Packaging	H	mm	268	268	268	268	268	268
		W	mm	1136	1136	1136	1136	1406	1406
		D	mm	574	574	574	574	574	574
Decoration Panel	Model		–	HP-D-NA	HP-D-NA	HP-D-NA	HP-D-NA	HP-E-NA	HP-E-NA
	Panel Colour		–	Neutral White					
	Body Dimensions	H	mm	55	55	55	55	55	55
		W	mm	1100	1100	1100	1100	1370	1370
		D	mm	550	550	550	550	550	550
	Packaging Dimensions	H	mm	130	130	130	130	130	130
		W	mm	1160	1160	1160	1160	1430	1430
		D	mm	610	610	610	610	610	610
	Net Weight		kg	5	5	5	5	6	6
	Gross Weight		kg	8	8	8	8	10	10

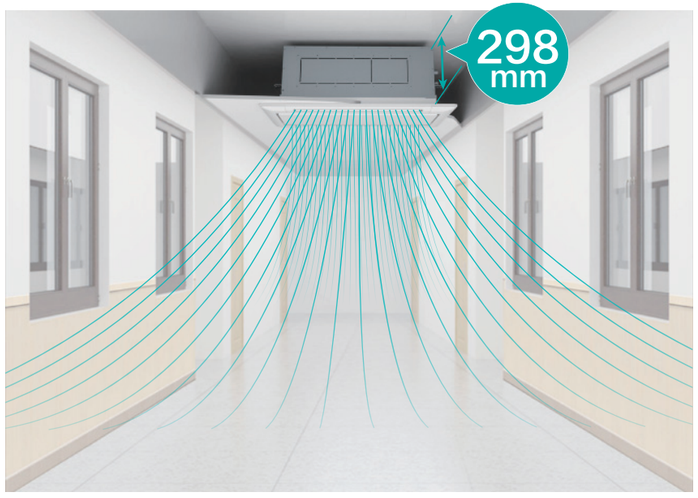
Notes:

1. The nominal cooling capacity is based on the following conditions:
   Indoor Air Inlet Temperature: 27℃ DB (80°F DB), 19.0℃ WB (66.2°F WB)
   Outdoor Air Inlet Temperature: 35℃ DB (95°F DB)
   Piping Length: 7.5 Meters Piping Lift: 0 Meter
2. The sound pressure level is based on the following conditions: 1.0m beneath the unit, 1.0m from Discharge Grille. The above data was measured in an anechoic chamber so that the reflected sound should be taken into consideration in the field. When bottom air inlet is adopted, the sound pressure will increase according to factors such as installation mode and the room structure.

2-Way Cassette

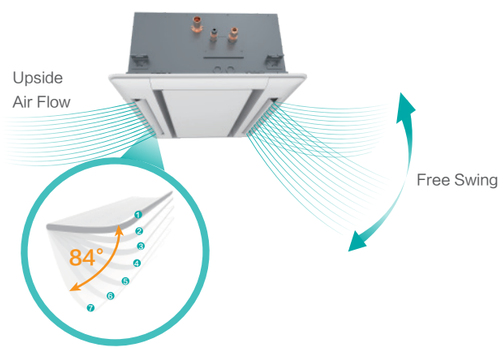
Compact and Classy Design

The slim design of the unit, with a height as low as 298mm, allows for easy installation in tight ceiling spaces, such as corridors and other restricted areas.



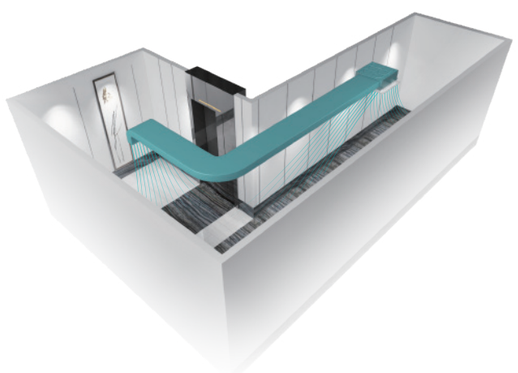
Independent Louvers Control

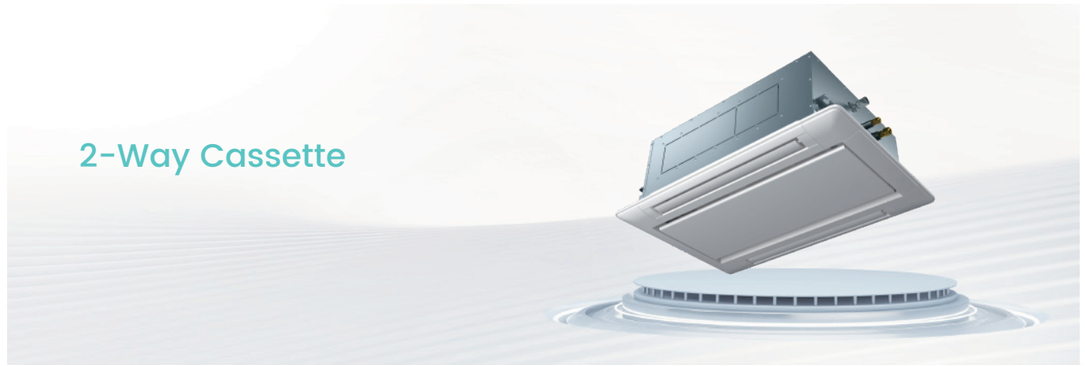
Each louver can be individually adjusted to one of seven angles, ranging from 27° to 84° . This feature is designed to meet the demands of spaces with high ceilings or narrow corridors, ensuring optimal airflow and adapting to various indoor layouts.



Branch Discharge Option

In irregular room layouts, branch discharge could come in handy by extending air distribution area to the most awkward corners without additional indoor units.





Model				AVL-07 UXJSGA	AVL-09 UXJSGA	AVL-12 UXJSGA	AVL-14 UXJSGA	AVL-18 UXJSGA	AVL-24 UXJSGA	AVL-27 UXJSGA	AVL-30 UXJSGA	AVL-38 UXJSHA	AVL-48 UXJSHA	AVL-54 UXJSHA
Power Supply				AC 1Φ, 220~240V/50Hz/60Hz										
Capacity	Cooling		kW	2.2	2.8	3.6	4.3	5.6	7.1	8.4	9.0	11.2	14.0	16.0
			Btu/h	7,500	9,600	12,300	14,700	19,100	24,200	28,700	30,700	38,200	47,800	54,600
	Heating		kW	2.8	3.3	4.0	4.9	6.5	8.0	9.0	10.0	13.0	16.0	18.0
			Btu/h	9,600	11,300	13,600	16,700	22,200	27,300	30,700	34,100	44,400	54,600	61,400
Power Input	Cooling		W	14	14	14	24	34	44	64	74	84	104	114
	Heating		W	14	14	14	24	34	44	64	74	84	104	114
Sound Pressure			dB(A)	32/30/ 29/27	33/30/ 29/28	34/31/ 30/28	40/37/ 34/32	42/39/ 36/33	45/42/ 40/36	47/44/ 40/36	49/46/ 42/37	46/44/ 40/38	48/45/ 42/38	49/46/ 43/40
Airflow Rate			m^3/min	10.0/8.5/ 7.2/6.0	11.0/9.4/ 8.2/6.6	12.0/10.5/ 8.9/7.5	15.0/13.2/ 11.5/9.9	17.0/14.9/ 13.0/11.2	19.0/16.4/ 14.3/12.3	21.0/18.4/ 15.6/12.6	22.0/19.3/ 16.3/13.1	30.0/26.4/ 23.1/19.8	35.0/30.8/ 26.9/21.1	37.0/32.5/ 28.4/24.1
Piping	Connection Type		–	Flare-nut Connection (with Flare Nuts)										
	Liquid		mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53
			inch	1/4	1/4	1/4	1/4	1/4	3/8	3/8	3/8	3/8	3/8	3/8
	Gas		mm	Φ12.70	Φ12.70	Φ12.70	Φ12.70	Φ12.70	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88
			inch	1/2	1/2	1/2	1/2	1/2	5/8	5/8	5/8	5/8	5/8	5/8
	Condensate Drain		mm	I.D.32										
Weight	Net Weight		kg	22	22	22	24	24	24	24	24	39	39	39
	Gross Weight		kg	28	28	28	30	30	30	30	30	47	47	47
Dimensions	External	H	mm	298	298	298	298	298	298	298	298	298	298	298
		W	mm	860	860	860	860	860	860	860	860	1420	1420	1420
		D	mm	630	630	630	630	630	630	630	630	630	630	630
	Packaging	H	mm	350	350	350	350	350	350	350	350	350	350	350
		W	mm	1070	1070	1070	1070	1070	1070	1070	1070	1630	1630	1630
		D	mm	710	710	710	710	710	710	710	710	710	710	710
Decoration Panel	Model		–	HP-C-NA	HP-C-NA	HP-C-NA	HP-C-NA	HP-C-NA	HP-C-NA	HP-C-NA	HP-C-NA	HP-F-NA	HP-F-NA	HP-F-NA
	Panel Colour		–	Neutral White										
	Body Dimensions	H	mm	30	30	30	30	30	30	30	30	30	30	30
		W	mm	1100	1100	1100	1100	1100	1100	1100	1100	1660	1660	1660
		D	mm	710	710	710	710	710	710	710	710	710	710	710
	Packaging Dimensions	H	mm	160	160	160	160	160	160	160	160	160	160	160
		W	mm	1170	1170	1170	1170	1170	1170	1170	1170	1710	1710	1710
		D	mm	740	740	740	740	740	740	740	740	740	740	740
	Net Weight		kg	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	10.5	10.5	10.5
	Gross Weight		kg	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	17.8	17.8	17.8

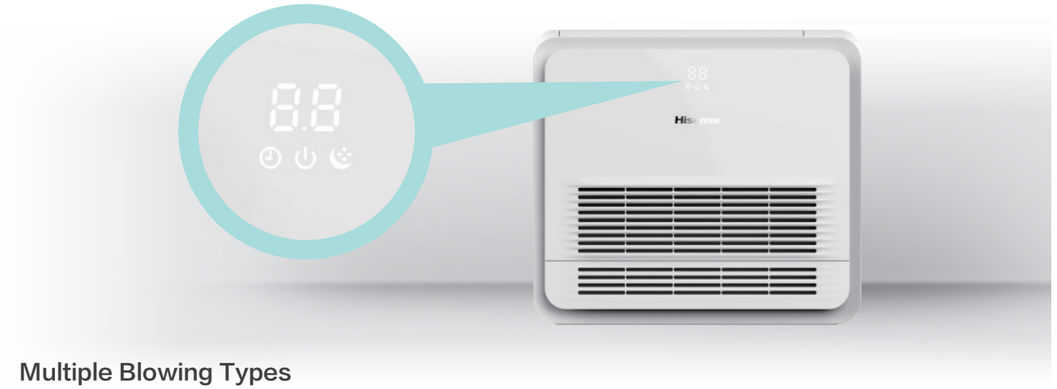
Notes:

1. The nominal cooling capacity is based on the following conditions:
   Indoor Air Inlet Temperature: 27℃ DB (80°F DB), 19.0℃ WB (66.2°F WB)
   Outdoor Air Inlet Temperature: 35℃ DB (95°F DB)
   Piping Length: 7.5 Meters Piping Lift: 0 Meter
2. The sound pressure level is based on the following conditions: 1.5m beneath the unit.
   The above data was measured in an anechoic chamber so that the reflected sound should be taken into consideration in the field.

Console

Stylish Design

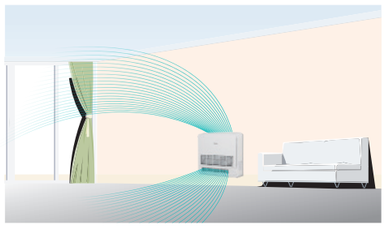
The console unit is stylish with a sleek white cover, integrated LED indicators, and a temperature display. It is ideal for both residential and commercial applications where installation on or near the floor is required.

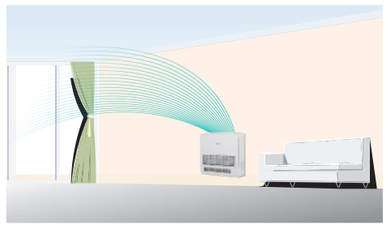


Multiple Blowing Types

Cooling Mode

The unit adopts the stereo cooling mode that can reach the setting temperature rapidly.

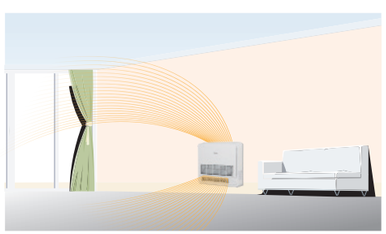


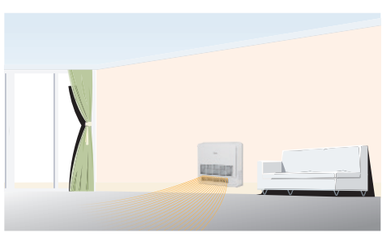


*Note: During cooling mode, the lower air louver will close automatically after the indoor unit operates in low fan speed mode for an hour. Otherwise it will keep open.

Heating Mode

Air supply through the below louver achieves floor heating effect and increases the comfort.





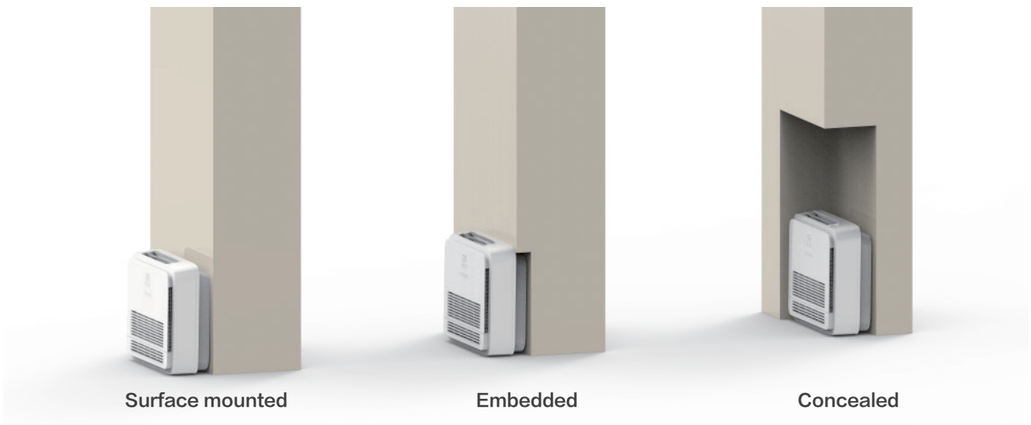
*Note: In the Eco mode, when the indoor return air temp. is close to the setting temp., the upper air deflector is automatically closed, and the lower air outlet mode is activated.

Flexible Installation Options

The unit can be placed on the floor or hanged on the wall, and offers flexibility with surface-mounted, embedded, or concealed installation options.

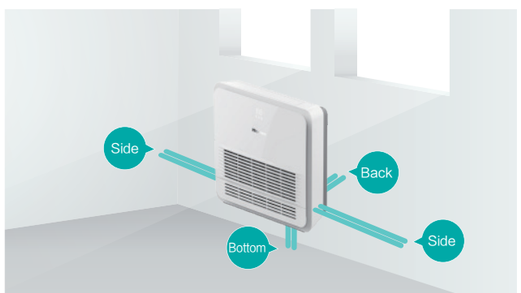
Standing on the floor

Hanging on the wall



Flexible Piping Connection

The refrigerant and drainage piping can be connected in any direction, including left, right, bottom, and back, providing extra installation flexibility.



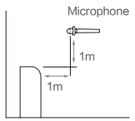
Console

Model				AVK–05HJFCAA	AVK–07HJFCAA	AVK–09HJFCAA	AVK–12HJFCAA	AVK–15HJFCAA	AVK–17HJFCAA
Power Supply				AC 1Φ, 220V–240V/50Hz/60Hz					
Capacity	Cooling		kW	1.5	2.2	2.8	3.6	4.5	5.0
			Btu/h	5,100	7,500	9,600	12,300	15,300	17,000
	Heating		kW	2.0	2.5	3.3	4.2	5.0	5.6
			Btu/h	6,800	8,500	11,200	14,300	17,000	19,100
Power Input	Cooling		W	10	11	12	14	18	23
	Heating		W	10	11	12	14	18	23
Sound Pressure			dB(A)	32/30/29/28/26/24	34/32/31/29/27/26	36/35/32/31/29/27	39/36/34/31/29/27	41/39/37/35/33/32	44/43/41/39/37/36
Airflow Rate			m^3/min	6.0/5.7/5.3/ 5.1/4.7/4.5	7.4/7.0/6.4/ 6.0/5.6/5.3	8.0/7.4/7.0/ 6.4/6.0/5.6	8.2/7.6/6.8/ 6.2/5.7/5.3	9.0/8.5/7.8/ 7.2/6.6/6.4	10.1/9.7/9.0/ 8.5/7.9/7.3
Panel Colour			–	Pure White	Pure White	Pure White	Pure White	Pure White	Pure White
Piping	Connection Type		–	Flare–nut Connection (with Flare Nuts)					
	Liquid		mm	Φ 6.35	Φ 6.35	Φ 6.35	Φ 6.35	Φ 6.35	Φ 6.35
			inch	1/4	1/4	1/4	1/4	1/4	1/4
	Gas		mm	Φ 12.70	Φ 12.70	Φ 12.70	Φ 12.70	Φ 12.70	Φ 12.70
			inch	1/2	1/2	1/2	1/2	1/2	1/2
	Condensate Drain		mm	O.D.18					
Weight	Net Weight		kg	16.1	16.1	16.1	17.4	17.4	17.4
	Gross Weight		kg	20.6	21.1	21.1	21.5	21.5	21.5
Dimensions	External	H	mm	630	630	630	630	630	630
		W	mm	700	700	700	700	700	700
		D	mm	225	225	225	225	225	225
	Packaging	H	mm	725	725	725	725	725	725
		W	mm	790	790	790	790	790	790
		D	mm	315	315	315	315	315	315

Notes:

1. The nominal cooling capacity and heating capacity are based on the following conditions:
   Cooling Operation Conditions
   Indoor Air Inlet Temperature: 27℃ DB (80°F DB), 19.0℃ WB (66.2°F WB)
   Outdoor Air Inlet Temperature: 35℃ DB (95°F DB)
   Piping Length: 7.5 Meters Piping Lift: 0 Meter
   Heating Operation Conditions
   Indoor Air Inlet Temperature: 20℃ DB (68°F DB)
   Outdoor Air Inlet Temperature: 7℃ DB (45°F DB), 6℃ WB (43°F WB)

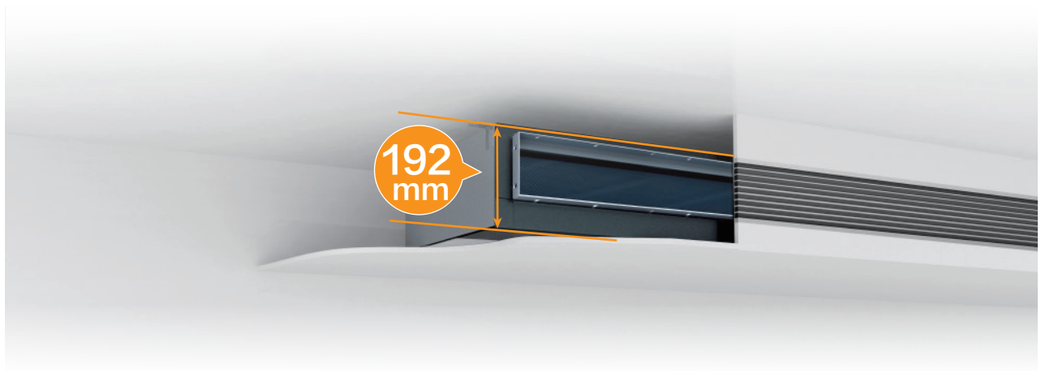
2. The sound pressure level is based on following conditions:
   It is measured in anechoic room. Operation noise differs with operation and ambient conditions.
   Location of Microphone:



Ceiling Ducted (AC/DC Low Height)

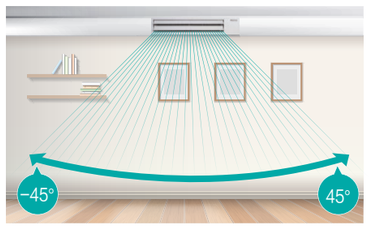
Space Saving

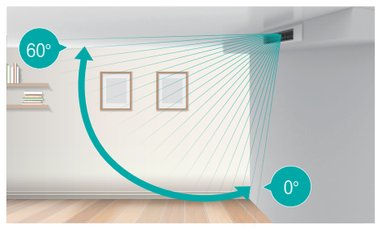
Concealed AC/DC Low Height Ducted unit is as slim as 192mm, fitting into the narrowest ceiling spaces. Save ceiling spaces for higher room height without compromising user's comfort and satisfaction.

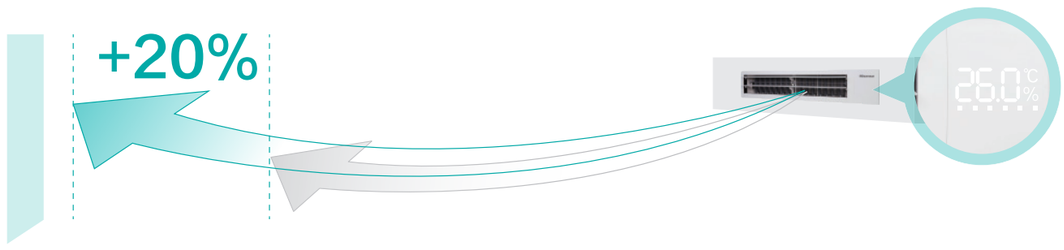


3D Air Flow

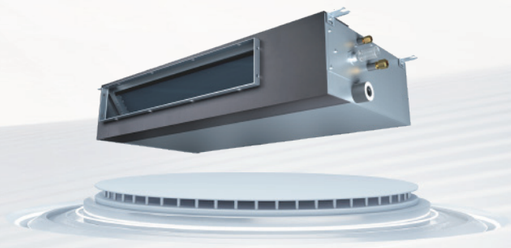
Classy air discharge louver panel with LED temperature and humidity display is available as an optional accessory for the AC low–height ceiling ducted units. The 3D louvers on the panel offer wide air flow coverage to keep every corners of your room cool or warm in any seasons of the year.







Ceiling Ducted (AC Low Height)

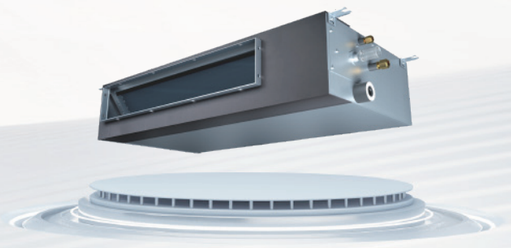


Model				AVE-05 HCFRL	AVE-07 HCFRL	AVE-09 HCFRL	AVE-12 HCFRL	AVE-15 HCFRL	AVE-17 HCFRL	AVE-19 HCFRL	AVE-22 HCFRL	AVE-24 HCFRL
Power Supply				AC 1Φ, 220V~240V/50Hz								
Capacity	Cooling		kW	1.7	2.2	2.8	3.6	4.5	5.0	5.6	6.3	7.1
			Btu/h	5,800	7,500	9,600	12,300	15,300	17,100	19,100	21,500	24,200
	Heating		kW	1.9	2.5	3.2	4.0	5.0	5.6	6.3	7.1	8.0
			Btu/h	6,500	8,500	11,300	13,600	17,100	19,100	21,500	24,200	27,300
Power Input	Cooling		W	50	50	70	70	80	80	100	120	120
	Heating		W	50	50	70	70	80	80	100	120	120
Sound Pressure			dB(A)	29/24/22	29/24/22	35/25/23	35/25/23	36/25/23	36/25/23	35/25/23	39/26/25	39/26/25
Airflow Rate			m^3/min	7/5.5/4.7	7/5.5/4.7	9/5.7/4.8	9/5.7/4.8	12/6.3/5.5	12/6.3/5.5	13.5/8/7.7	18/9.3/8.7	18/9.3/8.7
External Static Pressure			Pa	10(30)	10(30)	10(30)	10(30)	10(30)	10(30)	10(30)	10(30)	10(30)
Piping	Connection Type		–	Flare-nut Connection (with Flare Nuts)								
	Liquid		mm	Φ 6.35	Φ 6.35	Φ 6.35	Φ 6.35	Φ 6.35	Φ 6.35	Φ 6.35	Φ 9.53	Φ 9.53
			inch	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3/8	3/8
	Gas		mm	Φ 12.70	Φ 12.70	Φ 12.70	Φ 12.70	Φ 12.70	Φ 12.70	Φ 15.88	Φ 15.88	Φ 15.88
			inch	1/2	1/2	1/2	1/2	1/2	1/2	5/8	5/8	5/8
	Condensate Drain		mm	I.D.32								
Weight	Net Weight		kg	16	16	17	17	21	21	25	26	26
	Gross Weight		kg	19	19	20	20	24	24	29	29	29
Dimensions	External	H	mm	192	192	192	192	192	192	192	192	192
		W	mm	700	700	700	700	910	910	1180	1180	1180
		D	mm	447	447	447	447	447	447	447	447	447
	Packaging	H	mm	270	270	270	270	270	270	270	270	270
		W	mm	925	925	925	925	1136	1136	1406	1406	1406
		D	mm	574	574	574	574	574	574	574	574	574

Notes:

1. The nominal cooling capacity and heating capacity are based on the following conditions:
   Cooling Operation Conditions
   Indoor Air Inlet Temperature: 27℃ DB (80°F DB), 19.0℃ WB (66.2°F WB)
   Outdoor Air Inlet Temperature: 35℃ DB (95°F DB)
   Piping Length: 7.5 Meters Piping Lift: 0 Meter
   Heating Operation Conditions
   Indoor Air Inlet Temperature: 20℃ DB (68°F DB)
   Outdoor Air Inlet Temperature: 7℃ DB (45°F DB), 6℃ WB (43°F WB)
2. The sound pressure level is based on the following conditions: 1.5m beneath the unit.
   The above data was measured in an anechoic chamber so that the reflected sound should be taken into consideration in the field.

Ceiling Ducted (DC Low Height)



Model				AVE-05HJDDH	AVE-07HJDDH	AVE-09HJDDH	AVE-12HJDDH	AVE-15HJDDH	AVE-19HJDDH	AVE-24HJDDH
Power supply				AC 1Φ, 220V~240V/50Hz/60Hz						
Capacity	Cooling		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
			Btu/h	5,800	7,500	9,600	12,300	15,300	19,100	24,200
	Heating		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
			Btu/h	6,500	8,500	11,300	13,600	17,100	21,500	27,300
Power Input	Cooling		W	30	30	50	50	60	60	90
	Heating		W	30	30	50	50	60	60	90
Sound Pressure			dB(A)	28/27/26/24/23/21	28/27/26/24/23/21	35/32/32/30/26/23	35/32/32/30/26/23	35/32/32/30/26/23	35/32/30/28/25/23	38/36/35/33/31/24
Air Flow Rate			m^3/min	7.0/6.5/6.1/ 5.7/5/3/4.8	7.0/6.5/6.1/ 5.7/5/3/4.8	9.0/8.1/7.3/ 6.7/5.9/5.2	9.0/8.1/7.3/6.7/ 5.9/5.2	12.0/10.8/9.4/ 8.1/6.8/5.5	13.5/12.5/11.2/ 10.0/8.8/7.7	18.0/16.1/14.3/ 12.3/10.5/8.7
External Static Pressure			Pa	10(10~30~50)						
Piping	Connection Type		–	Flare-nut Connection(with Flare Nuts)						
	Liquid		mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53
			inch	1/4	1/4	1/4	1/4	1/4	1/4	3/8
	Gas		mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.88	Φ15.88
			inch	1/2	1/2	1/2	1/2	1/2	5/8	5/8
	Condensate Drain		–	I.D.32						
Weight	Net Weight		kg	16	16	17	17	20	24	24
	Gross Weight		kg	19	19	20	20	24	29	29
Dimensions	External Dimension	H	mm	192	192	192	192	192	192	192
		W	mm	700	700	700	700	910	1180	1180
		D	mm	447	447	447	447	447	447	447
	Packaging Dimensions	H	mm	270	270	270	270	270	270	270
		W	mm	925	925	925	925	1136	1406	1406
		D	mm	574	574	574	574	574	574	574

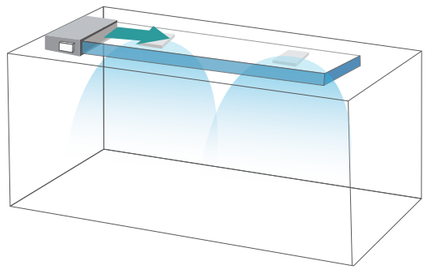
Notes:

1. The nominal cooling capacity and heating capacity are based on the following conditions:
   Cooling Operation Conditions
   Indoor Air Inlet Temperature: 27℃ DB (80°F DB), 19.0℃ WB (66.2°F WB)
   Outdoor Air Inlet Temperature: 35℃ DB (95°F DB)
   Piping Length: 7.5 Meters Piping Lift: 0 Meter
   Heating Operation Conditions
   Indoor Air Inlet Temperature: 20℃ DB (68°F DB)
   Outdoor Air Inlet Temperature: 7℃ DB (45°F DB), 6℃ WB (43°F WB)
2. The sound pressure level is based on the following conditions: 1.5m beneath the unit.
   The above data was measured in an anechoic chamber so that the reflected sound should be taken into consideration in the field.

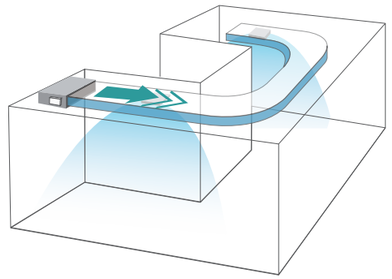
Ceiling Ducted(High/Low Static Pressure)

Auto-adjust External Static Pressure

After installation, the actual duct resistance frequently differ from the initially calculated, causing the actual air flow too low or too high. The auto-adjust ESP function can effectively solve this problem. At the initial commission, the system can automatically select the most appropriate ESP value according to the actual duct resistance.



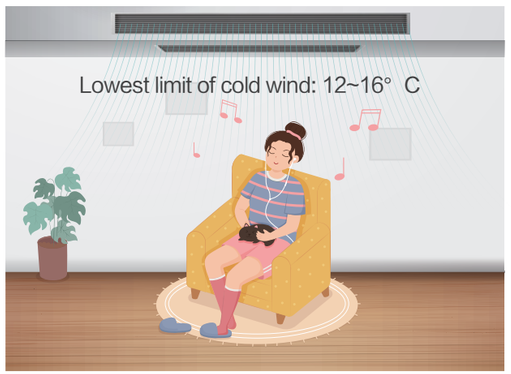
Auto-adjust Low ESP



Auto-adjust High ESP

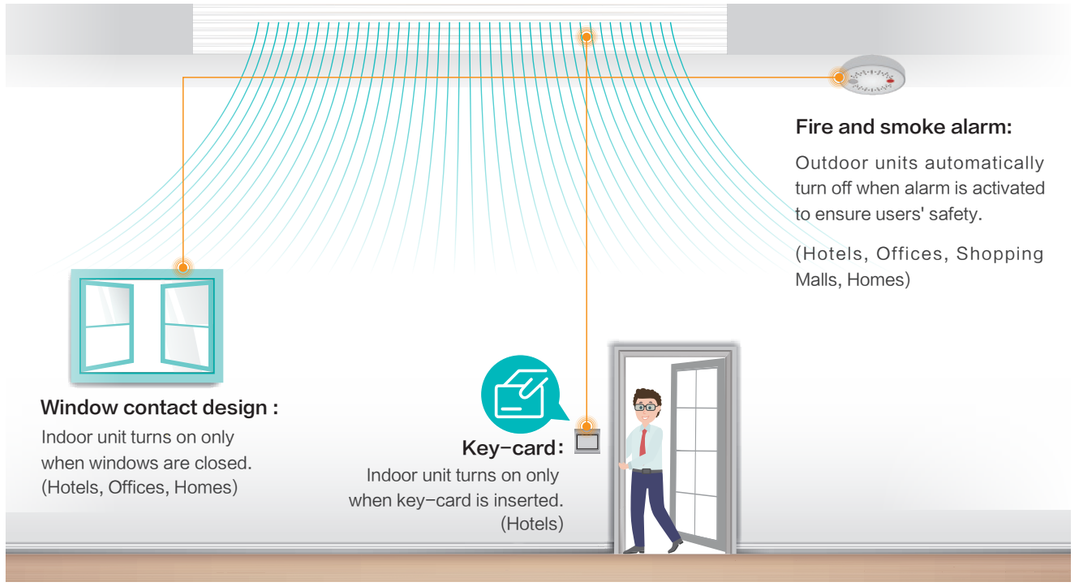
Comfort Cooling Mode

The indoor unit can achieve comfort cooling by setting three levels of air temperature (cooler/comfort/warmer)through the wired controller. The system compares the actual air temperature with the set temperature on the controller and intelligently adjusts its operating frequency to ensure a comfortable environment for the user.



Various Device Connection Options

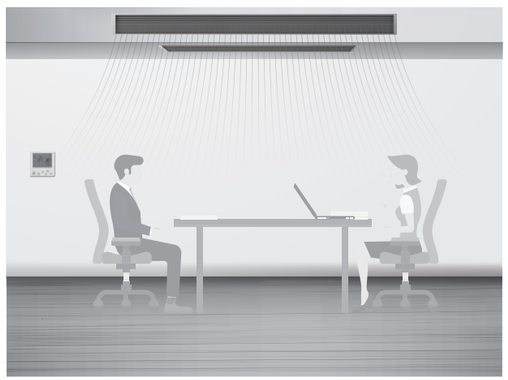
Third party devices to control the on-off air conditioners is possible with dry contact connections to the Indoor unit. Devices like room key card, window contact and fire alarms can be connected simultaneously.



Precise Temperature Control

Two temperature sensor are installed into the unit to send real-time signals to the controllers for a more precise temperature control.

Hisense VRF



Conventional

Self-cleaning Function

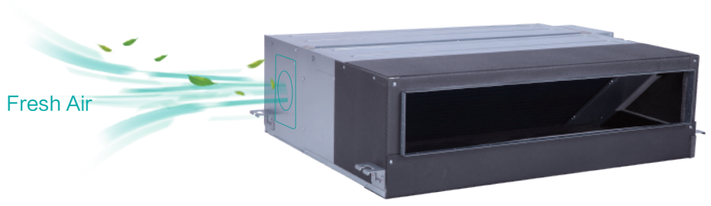
The unit is featured with self-cleaning function. With just a press on the controller, the unit cleans itself automatically without manual intervention. It not only ensures clean and healthy air supply but also saves your valuable time and cost.

New Improved Bendable Filters

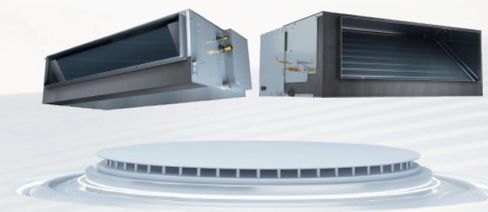
Standard filters that comes with high/low static pressure ceiling ducted type are now optimized to be bendable by improving the material's malleability to improve installation flexibility in narrow ceiling height and restricted spaces.

Fresh Air Introducing

There is a fresh air duct opening reserved in the unit for 10% free fresh air introduced directly from outdoor, providing fresh air to the indoor continuously.



Ceiling Ducted (DC High Static Pressure)

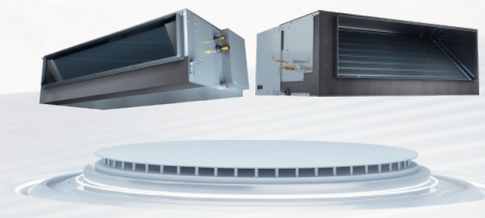


Model			AVD-07 HJDH	AVD-09 HJDH	AVD-12 HJDH	AVD-15 HJDH	AVD-19 HJDH	AVD-24 HJDH	AVD-24 HJDH1	AVD-30 HJDH	AVD-38 HJDH	AVD-42 HJDH	AVD-48 HJDH	AVD-54 HJDH	AVD-76 HJDH	AVD-96 HJDH
Power Supply			AC 1Φ, 220V~240V/50Hz/60Hz													
Capacity	Cooling	kW	2.2	2.8	3.6	4.5	5.6	7.1	7.1	9.0	11.2	12.5	14.0	16.0	22.4	28.0
		Btu/h	7,500	9,600	12,300	15,400	19,100	24,200	24,200	30,800	38,000	42,000	48,000	54,500	76,500	95,600
	Heating	kW	2.5	3.2	4.0	4.6	6.3	8.0	8.0	10.0	12.5	14	16.0	18.0	25.0	31.5
		Btu/h	8,500	10,900	13,700	17,100	21,600	27,400	27,400	34,200	42,500	48,000	54,500	61,500	85,300	107,500
Power Input	Cooling	W	40	40	55	55	55	82	74	100	132	180	180	223	610	830
	Heating	W	40	40	55	55	55	82	74	100	132	180	180	223	610	830
Sound Pressure Level		dB(A)	30/27/23/ 21/20/19	30/27/23/ 21/20/19	35/33/32/ 28/26/24	35/33/32/ 28/26/24	33/30/27/ 25/23/22	36/34/31/ 28/24/22	33/31/28/ 25/23/21	34/32/30/ 28/25/22	37/35/31/ 29/26/23	38/36/34/ 31/29/26	38/36/34/ 31/29/26	41/38/35/ 33/30/27	49/48/47/ 46/45/44	53/52/50/ 49/47/45
Airflow Rate		m^3/min	9/8/6.8/ 6.3/5.8/5.3	9/8/6.8/ 6.3/5.8/5.3	12/11/10/ 9/8/7.2	12/11/10/ 9/8/7.2	14.5/13/11.5/ 10.5/9.5/8.7	19/17/15/ 13/11/9.5	20.6/19/17/ 15/13.8/12.5	25/23/21/ 19/17/15	28/25/23/ 21/19/17	35.5/32.5/29.5/ 26.5/23.5/20.5	35.5/32.5/29.5/ 26.5/23.5/20.5	39/35.5/31/ 26.5/23.5/21.8	57/54/52/ 51/49/48	72/68/65/ 61/58/50
External Static Pressure		Pa	30（30/40/50/60/70/80/90/100/110/120/130/140/150）						50（50/60/70/80/90/100/110/120/130/140/150/160/170/180/190/200）						150(50~250)	150(50~250)
Piping	Connection Type	–	Flare-Nut Connection(With Flare Nut)												Brazing	
	Liquid	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53
		inch	1/4	1/4	1/4	1/4	1/4	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
	Gas	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ22.2 (Φ19.05*1)	Φ22.2
		inch	1/2	1/2	1/2	1/2	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	7/8 (3/4*1)	7/8
	Condensate Drain	–	I.D. 32													
Weight	Net Weight	kg	23	23	24	24	30	30	40	40	40	49	49	49	104	104
	Gross Weight	kg	29	29	29	29	37	37	48	48	48	57	57	57	125	125
Dimensions	External	H mm	270	270	270	270	270	270	300	300	300	300	300	300	470	470
		W mm	650+75	650+75	650+75	650+75	900+75	900+75	1100+75	1100+75	1100+75	1400+75	1400+75	1400+75	1250	1250
		D mm	720	720	720	720	720	720	800	800	800	800	800	800	1120	1120
	Packing	H mm	385	385	385	385	385	385	415	415	415	415	415	415	546	546
		W mm	895	895	895	895	1140	1140	1345	1345	1345	1640	1640	1640	1466	1466
		D mm	870	870	870	870	870	870	950	950	950	950	950	950	1345	1345

Notes:

1. The nominal cooling capacity and heating capacity are based on the following conditions:
   Cooling Operation Conditions
   Indoor Air Inlet Temperature: 27° C DB(80° F DB), 19.0° C WB(66.2° F WB)
   Outdoor Air Inlet Temperature: 35° C DB(95° F DB)
   Heating Operation Conditions
   Indoor Air Inlet Temperature: 20° C DB(68° F DB).
   Outdoor Air Inlet Temperature: 7° C DB(45° F DB), 6° C WB(43° F WB)
   Piping Length: 7.5 Meters Piping Lift: 0 Meter
2. The sound pressure level is based on following conditions.
   1.5m below the unit; With 2.0m discharge duct and 1.0m return duct
   The above data were measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.
3. *1: The size of AVD-76* series gas pipe is Φ22.2mm when leaving the factory, and the diameter can be changed to 19.05mm after welding the adapter pipe.

Ceiling Ducted (High Static Pressure)



Model			AVD-07 HCFCH	AVD-09 HCFCH	AVD-12H CFCH	AVD-15H CFCH	AVD-19 HCFCH	AVD-22 HCFCH	AVD-24 HCFCH	AVD-27 HCFCH	AVD-30 HCFCH	AVD-38 HCFCH	AVD-48 HCFCH	AVD-54 HCFCH
Power Supply			AC 1Φ, 220V~240V/50Hz											
Model			AVD-07 H3FCH	AVD-09 H3FCH	AVD-12 H3FCH	AVD-15 H3FCH	AVD-19 H3FCH	AVD-22 H3FCH	AVD-24 H3FCH	AVD-27 H3FCH	AVD-30 H3FCH	AVD-38 H3FCH	AVD-48 H3FCH	AVD-54 H3FCH
Power Supply			AC 1Φ, 208~230V/60Hz											
Capacity	Cooling	kW	2.2	2.8	3.6	4.5	5.6	6.3	7.1	8.0	9.0	11.2	14.0	16.0
		Btu/h	7,500	9,600	12,300	15,400	19,100	21,600	24,200	27,400	30,800	38,000	48,000	54,500
	Heating	kW	2.5	3.2	4.0	5.0	6.3	7.1	8.0	9.0	10.0	12.5	16.0	18.0
		Btu/h	8,500	10,900	13,700	17,100	21,600	24,200	27,400	30,800	34,200	42,500	54,500	61,500
Power Input	Cooling	kW	0.10(0.13*2)	0.10(0.13*2)	0.13(0.16*2)	0.13(0.16*2)	0.14(0.21*2)	0.19(0.24*2)	0.19(0.24*2)	0.25(0.34*2)	0.25(0.34*2)	0.25(0.34*2)	0.34(0.45*2)	0.43(0.59*2)
	Heating	kW	0.10(0.13*2)	0.10(0.13*2)	0.13(0.16*2)	0.13(0.16*2)	0.14(0.21*2)	0.19(0.24*2)	0.19(0.24*2)	0.25(0.34*2)	0.25(0.34*2)	0.25(0.34*2)	0.34(0.45*2)	0.43(0.59*2)
Sound Pressure	220~240V/50Hz	dB(A)	32/27/25	32/27/25	35/32/26	35/32/26	36/35/30	39/32/25	39/32/25	42/39/34	42/39/34	42/39/34	43/40/35	46/40/35
	208V/60Hz	dB(A)	33/28/24	33/28/24	37/34/29	37/34/29	37/35/29	39/32/25	39/32/25	42/38/33	42/38/33	42/38/33	44/39/34	45/40/34
	230V/60Hz	dB(A)	37/33/28	37/33/28	40/38/33	40/38/33	42/40/34	43/37/30	43/37/30	44/42/37	44/42/37	44/42/37	47/43/38	46/42/38
Air Flow(Hi/Me/Lo)		m^3/min	9/7/6	9/7/6	12/10/8.5	12/10/8.5	15/13/10	19/14/10	19/14/10	28/24/19.5	28/24/19.5	28/24/19.5	35.5/29/24	39/31/24
External Static Pressure	220~240V/50Hz 208V/60Hz	Pa	50(80)	50(80)	50(80)	50(80)	50(80)	50(80)	50(80)	120(90)	120(90)	120(90)	120(90)	120(90)
	230V/60Hz	Pa	80(105)	80(105)	90(115)	90(115)	90(115)	90(115)	90(115)	170(150)	170(150)	170(150)	170(150)	170(150)
Piping	Connection Type	–	Flare-nut Connection (with Flare Nuts)											
	Liquid	mm	Φ 6.35	Φ 6.35	Φ 6.35	Φ 6.35	Φ 6.35	Φ 9.53	Φ 9.53	Φ 9.53	Φ 9.53	Φ 9.53	Φ 9.53	Φ 9.53
		inch	1/4	1/4	1/4	1/4	1/4	3/8	3/8	3/8	3/8	3/8	3/8	3/8
	Gas	mm	Φ12.70	Φ12.70	Φ12.70	Φ12.70	Φ 15.88	Φ 15.88	Φ 15.88	Φ 15.88	Φ 15.88	Φ 15.88	Φ 15.88	Φ 15.88
		inch	1/2	1/2	1/2	1/2	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8
	Condensate Drain	mm	I.D.32											
Weight	Net Weight	kg	25(24*1)	25(24*1)	25(24*1)	25(24*1)	30(31*1)	30(31*1)	30(31*1)	45(44*1)	45(44*1)	45(44*1)	53(50*1)	53(50*1)
	Gross Weight	kg	31(30*1)	31(30*1)	31(30*1)	31(30*1)	36(38*1)	37(38*1)	37(38*1)	52(52*1)	52(52*1)	52(52*1)	61(59*1)	61(59*1)
Dimensions	External H	mm	270	270	270	270	270	270	270	300	300	300	300	300
	External W	mm	650+75	650+75	650+75	650+75	900+75	900+75	900+75	1100+75	1100+75	1100+75	1400+75	1400+75
	External D	mm	720	720	720	720	720	720	720	800	800	800	800	800
	Packaging H	mm	385	385	385	385	385	385	385	415	415	415	415	415
	Packaging W	mm	895	895	895	895	1140	1140	1140	1345	1345	1345	1640	1640
	Packaging D	mm	870	870	870	870	870	870	870	950	950	950	950	950

Notes:

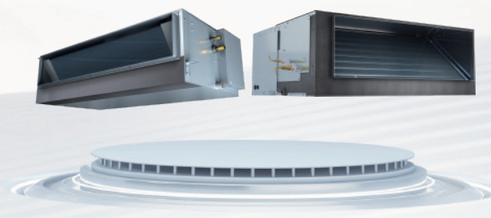
1.The nominal cooling capacity and heating capacity are based on the following conditions:
Cooling Operation Conditions
Indoor Air Inlet Temperature: 27℃ DB (80°F DB), 19.0℃ WB (66.2°F WB)
Outdoor Air Inlet Temperature: 35℃ DB (95°F DB)
Piping Length: 7.5 Meters Piping Lift: 0 Meter
Heating Operation Conditions
Indoor Air Inlet Temperature: 20℃ DB (68°F DB)
Outdoor Air Inlet Temperature: 7℃ DB (45°F DB), 6℃ WB (43°F WB)

2. The sound pressure level is based on the following conditions: 1.5m beneath the unit.
With discharge duct (2.0m) and return duct (1.0m).
The above data was measured in an anechoic chamber so that the reflected sound should be taken into consideration in the field.

3. When bottom air inlet is adopted, the sound pressure will increase according to factors such as installation mode and the room structure.

*1: The value noted *1 is the parameter of the indoor units with power supply 208~230V/60Hz.

Ceiling Ducted (Low Static Pressure)



Model			AVD-07 HCFCL	AVD-09 HCFCL	AVD-12 HCFCL	AVD-15 HCFCL	AVD-19 HCFCL	AVD-22 HCFCL	AVD-24 HCFCL	AVD-27 HCFCL	AVD-30 HCFCL	AVD-38 HCFCL	AVD-48 HCFCL	AVD-54 HCFCL
Power Supply			AC 1Φ, 220V~240V/50Hz											
Capacity	Cooling	kW	2.2	2.8	3.6	4.5	5.6	6.3	7.1	8.0	9.0	11.2	14.0	16.0
		Btu/h	7,500	9,600	12,300	15,400	19,100	21,600	24,200	27,400	30,800	38,000	48,000	54,500
	Heating	kW	2.5	3.2	4.0	5.0	6.3	7.1	8.0	9.0	10.0	12.5	16.0	18.0
		Btu/h	8,500	10,900	13,700	17,100	21,600	24,200	27,400	30,800	34,200	42,500	54,500	61,500
Power Input	Cooling	W	60	60	110	110	90	160	160	240	240	240	290	360
	Heating	W	60	60	110	110	90	160	160	240	240	240	290	360
Sound Pressure		dB(A)	27/23/21	27/23/21	34/30/25	34/30/25	32/30/26	35/28/24	35/28/24	38/33/30	38/33/30	38/33/30	41/38/33	44/39/33
Air Flow Rate (Hi/Me/Lo)		m^3/min	9/7/6	9/7/6	12/10/8.5	12/10/8.5	15/13/10	19/14/10	19/14/10	28/24/19.5	28/24/19.5	28/24/19.5	35.5/29/24	39/31/24
External Static Pressure		Pa	30	30	30	30	30	30	30	60	60	60	60	60
Piping	Connection Type	–	Flare-nut Connection (with Flare Nuts)											
	Liquid	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53
		inch	1/4	1/4	1/4	1/4	1/4	3/8	3/8	3/8	3/8	3/8	3/8	3/8
	Gas	mm	Φ12.70	Φ12.70	Φ12.70	Φ12.70	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88
		inch	1/2	1/2	1/2	1/2	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8
	Condensate Drain	mm	I.D.32											
Weight	Net Weight	kg	25	25	25	25	30	30	30	45	45	45	52	52
	Gross Weight	kg	31	31	31	31	36	37	37	52	52	52	61	61
Dimensions	External H	mm	270	270	270	270	270	270	270	300	300	300	300	300
	External W	mm	650+75	650+75	650+75	650+75	900+75	900+75	900+75	1100+75	1100+75	1100+75	1400+75	1400+75
	External D	mm	720	720	720	720	720	720	720	800	800	800	800	800
	Packaging H	mm	385	385	385	385	385	385	385	415	415	415	415	415
	Packaging W	mm	895	895	895	895	1140	1140	1140	1345	1345	1345	1640	1640
	Packaging D	mm	870	870	870	870	870	870	870	950	950	950	950	950

Notes:

1.The nominal cooling capacity and heating capacity are based on the following conditions:
Cooling Operation Conditions
Indoor Air Inlet Temperature: 27℃ DB (80°F DB), 19.0℃ WB (66.2°F WB)
Outdoor Air Inlet Temperature: 35℃ DB (95°F DB)
Piping Length: 7.5 Meters Piping Lift: 0 Meter
Heating Operation Conditions
Indoor Air Inlet Temperature: 20℃ DB (68°F DB)
Outdoor Air Inlet Temperature: 7℃ DB (45°F DB), 6℃ WB (43°F WB)

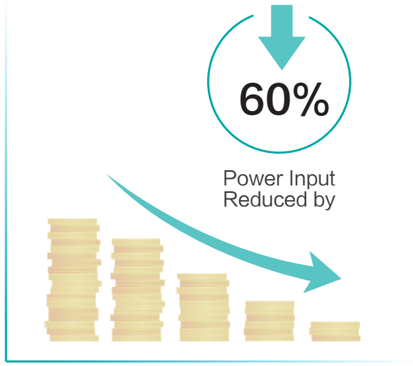
2. The sound pressure level is based on the following conditions: 1.5m beneath the unit.
With discharge duct (2.0m) and return duct (1.0m).
The above data was measured in an anechoic chamber so that the reflected sound should be taken into consideration in the field.

3. When bottom air inlet is adopted, the sound pressure will increase according to factors such as installation mode and the room structure.

Wall Mounted

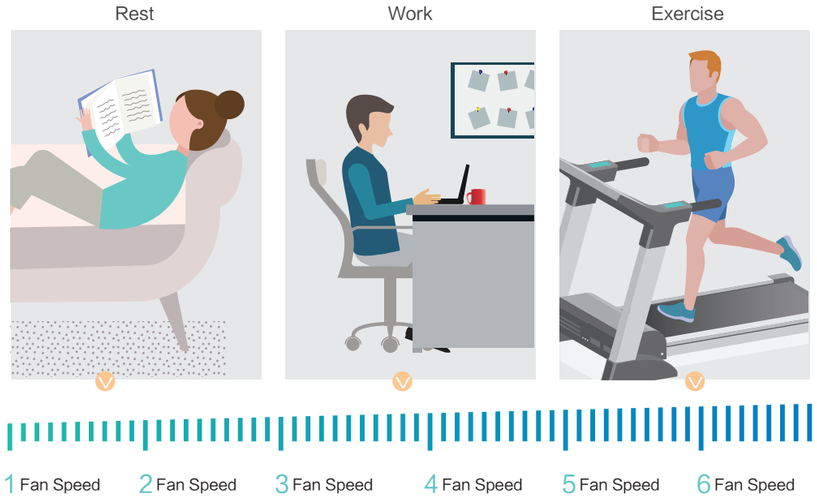
High-efficiency DC Fan Motor

Equipped with a DC fan motor, the unit significantly reduces the power consumption by 60% compared to conventional AC products, ensuring low-cost operation.



6 Fan Speed

6 indoor fan speeds are available to meet the needs of different indoor conditions.



Self-cleaning Function

The unit is featured with self-cleaning function. With just a press on the controller, the unit cleans itself automatically without manual intervention. It not only ensures clean and healthy air supply but also saves your valuable time and cost.

Model			AVS-05 HJDTD	AVS-07 HJDTD	AVS-09 HJDTD	AVS-12 HJDTD	AVS-15 HJDTD	AVS-19 HJDTD	AVS-24 HJDTD	AVS-28 HJDTD
Power Supply			AC 1Φ, 220V~240V/50Hz/60Hz							
Capacity	Cooling	kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1	8.4
		Btu/h	5,800	7,500	9,600	12,300	15,400	19,100	24,200	28,700
	Heating	kW	2.0	2.5	3.3	4.0	5.0	6.3	8.0	8.4
		Btu/h	6,500	8,500	11,300	13,700	17,100	21,500	27,300	28,700
Power Input	Cooling	W	20	20	20	30	20	30	50	80
	Heating	W	20	20	20	30	30	30	70	80
Sound Pressure		dB(A)	33/32/32/ 30/30/28	36/35/33/ 32/30/28	36/35/33/ 32/30/28	38/35/33/ 32/30/28	38/37/36/ 32/31/29	40/38/36/ 35/33/31	45/42/41/ 38/35/31	50/48/45/ 41/36/33
Airflow Rate		m^3/min	8.7/8.3/8.2/ 7.5/7.2/7.0	9.8/9.2/8.7/ 8.2/7.5/7.0	9.8/9.2/8.7/ 8.2/7.5/7.0	10.3/9.2/8.7/ 8.2/7.5/7.0	11.5/11.0/10.3/ 9.0/8.7/8.0	16.2/15.0/14.2/ 13.3/12.2/11.5	20.0/18.0/17.0/ 15.0/13.3/11.7	23.3/22.0/20.0/ 17.0/14.2/12.2
Panel Colour		–	White							
Piping	Connection Type	–	Flare-nut Connection(with Flare Nuts)							
	Liquid	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53	Φ9.53
		inch	1/4	1/4	1/4	1/4	1/4	3/8	3/8	3/8
	Gas	mm	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ12.7	Φ15.88	Φ15.88	Φ15.88
		inch	3/8	3/8	3/8	3/8	1/2	5/8	5/8	5/8
	Condensate Drain	–	O.D. 22							
Weight	Net Weight	kg	9.5	9.5	9.5	9.5	13.0	14.4	14.4	14.4
	Gross Weight	kg	13.4	13.4	13.4	13.4	17.8	19.4	19.4	19.4
Demensions	External Dimension	H mm	270	270	270	270	315	315	315	315
		W mm	845	845	845	845	960	1120	1120	1120
		D mm	203	203	203	203	230	230	230	230
	Packaging Dimension	H mm	375	375	375	375	430	430	430	430
		W mm	943	943	943	943	1058	1223	1223	1223
		D mm	310	310	310	310	328	328	328	328

Notes:

1. The rated capacity is based on the following conditions:
   Cooling conditions: indoor air inlet temperature: 27℃ DB, 19℃ WB, outdoor air inlet temperature: 35 ℃ DB, pipe length: 7.5m, pipe height diference: 0m.
   Heating conditions: indoor air inlet temperature: 20℃ DB, outdoor air inlet temperature: 7℃ DB, 6℃ WB, pipe length: 7.5m, pipe height diference: 0m.
2. The above noise values are measured in an anechoic chamber so that reflected sound should be taken into consideration during actual operation.
   The above noise values are measured under the fan mode operation, and measured at a point 1m in front of the unit and 0.8m below the unit.

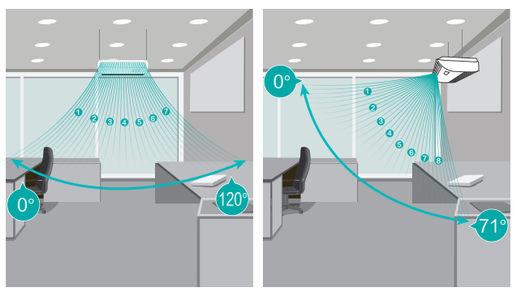
Ceiling & Floor

Sleek Design

The glossy white cover panel features a smooth and elegant design. The bolts and nuts used for mounting the unit on the wall or ceiling are concealed, ensuring seamless integration into the room's interior.

Wide Air Supply

Louvers are consist of horizontal and vertical slats to cover larger coverage area to every corner. Wider opening angle from up to 120° for vertical louvers and up to 71° for horizontal louvers supplies air further and lower down to floor.



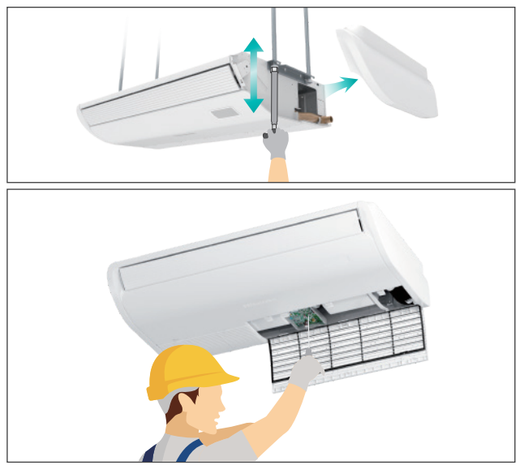
Flexible Installation

The unit can be installed either on the floor or mounted on the ceiling.

Hanging on the wall　　Standing on the floor

Convenient Installation and Maintenance

You can effortlessly adjust the installation height by opening the side panel. With duct connections and the electrical box located behind the return air panel, maintenance is also easier.



Model			AVV-17URSCA	AVV-18URSCA	AVV-22URSCA	AVV-24URSCA	AVV-27URSCB	AVV-30URSCB	AVV-38URSCB	AVV-48URSCC
Power Supply			AC 1Φ, 220V~240V/50Hz/60Hz							
Capacity	Cooling	kW	5.0	5.6	6.3	7.1	8.4	9.0	11.2	14.2
		Btu/h	17,100	19,100	21,500	24,200	28,700	30,700	38,200	48,500
	Heating	kW	5.6	6.5	7.5	8.5	9.6	10.0	13.0	16.3
		Btu/h	19,100	22,200	25,600	29,000	32,800	34,100	44,400	55,600
Power Input	Cooling	W	40	40	70	70	70	80	130	160
	Heating	W	40	40	70	70	70	80	130	160
Sound Pressure	Ceiling	dB(A)	39/35/30	39/35/30	45/41/37	45/41/37	43/39/34	45/40/36	51/46/40	50/46/42
	Floor	dB(A)	43/38/35	43/38/35	48/44/40	48/44/40	46/41/37	48/43/39	54/49/43	55/50/46
Airflow Rate		m^3/min	13.0/11.0/9.0	13.0/11.0/9.0	16.1/14.0/11.3	16.1/14.0/11.3	18.2/15.2/12.2	19.4/16.3/13.3	24.8/20.5/16.3	33.0/28.0/23.0
Speed-up Setting HH1		m^3/min	14.2	14.2	17.8	17.8	19.8	21.2	27.0	36.0
Speed-up Setting HH2		m^3/min	16.0	16.0	20.0	20.0	22.3	23.5	29.2	37.4
Panel Colour		–	Neture White							
Piping	Connection Type	–	Flare-nut Connection (with Flare Nuts)							
	Liquid	mm	Φ 6.35	Φ 6.35	Φ 9.53	Φ 9.53	Φ 9.53	Φ 9.53	Φ 9.53	Φ 9.53
		inch	1/4	1/4	3/8	3/8	3/8	3/8	3/8	3/8
	Gas	mm	Φ 15.88	Φ 15.88	Φ 15.88	Φ 15.88	Φ 15.88	Φ 15.88	Φ 15.88	Φ 15.88
		inch	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8
	Condensate Drain	mm	I.D.32							
Weight	Net Weight	kg	31	31	32	32	39	40	41	47
	Gross Weight	kg	38	38	39	39	46	47	48	56
Dimensions	External	H mm	230	230	230	230	230	230	230	230
		W mm	990	990	990	990	1285	1285	1285	1580
		D mm	680	680	680	680	680	680	680	680
	Packaging	H mm	340	340	340	340	340	340	340	340
		W mm	1110	1110	1110	1110	1400	1400	1400	1690
		D mm	830	830	830	830	830	830	830	830

Notes:

1. The nominal cooling capacity and heating capacity are based on the following conditions:
   Cooling Operation Conditions
   Indoor Air Inlet Temperature: 27℃ DB (80°F DB), 19.0℃ WB (66.2°F WB)
   Outdoor Air Inlet Temperature: 35℃ DB (95°F DB)
   Piping Length: 7.5 Meters　Piping Lift: 0 Meter
   Heating Operation Conditions
   Indoor Air Inlet Temperature: 20℃ DB (68°F DB)
   Outdoor Air Inlet Temperature: 7℃ DB (45°F DB), 6℃ WB (43°F WB)
2. The sound pressure level is based on the following condations:
   1.0m beneath the unit, 1.0m from Discharge Grille.
   The above data was measured in an anechoic chamber so that the reflected sound should be taken into consideration in the field. When bottom air inlet is adopted, sound pressure will increase according to factors such as installation mode and the room structure.

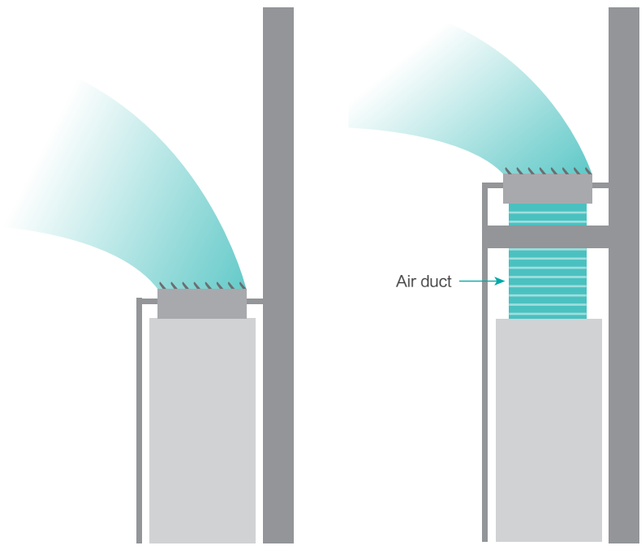
Floor Concealed

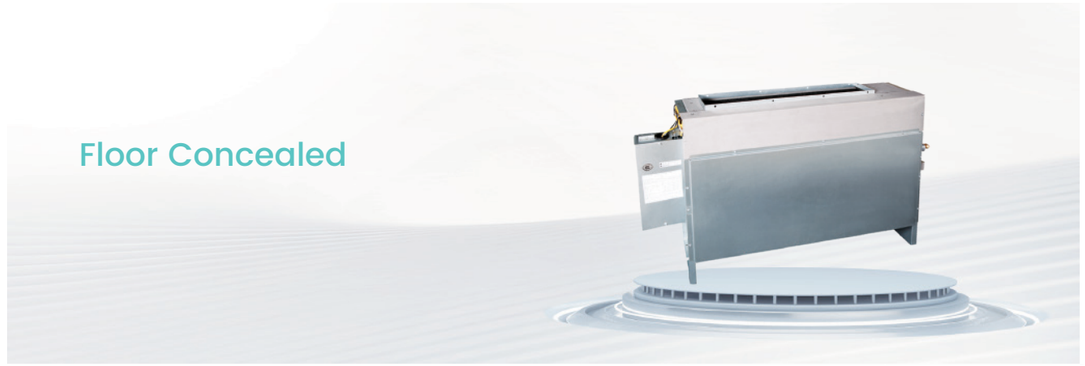
Space Saving

Floor concealed units are designed to be installed on floors completely concealed into the walls which designed to be slim and compact with only height of 620mm to be hidden under half-heighted windows.

Adjustable Static Pressure and Flexible Installation

With 2-level external static pressure adjustable, project design and installation are more flexible. Users can choose the air duct to increase the air supply distance in order to achieve the completely concealed installation.





Model			AVH-09UXCSAA	AVH-14UXCSAA	AVH-18UXCSBA	AVH-24UXCSBA
Power Supply			AC 1Φ, 220V~240V/50Hz			
Model			AVH-09UX2SAA	AVH-14UX2SAA	AVH-18UX2SBA	AVH-24UX2SBA
Power Supply			AC 1Φ, 220V/60Hz			
Capacity	Cooling	kW	2.8	4.3	5.6	7.1
		Btu/h	9,600	14,700	19,100	24,200
	Heating	kW	3.3	4.9	6.5	8.5
		Btu/h	11,300	16,700	22,200	29,000
Power Input	Cooling	W	50	80	90	120
	Heating	W	50	80	90	120
Sound Pressure		dB(A)	34/31/27	40/36/34	41/36/32	44/40/36
Airflow Rate		m^3/min	8.5/7.5/6.3	10.3/9.0/8.0	14.8/12.3/10.5	16.3/13.8/11.8
Piping	Connection Type	–	Flare-nut Connection (with Flare Nuts)			
	Liquid	mm	Φ 6.35	Φ 6.35	Φ 6.35	Φ 9.53
		inch	1/4	1/4	1/4	3/8
	Gas	mm	Φ 12.70	Φ 12.70	Φ 15.88	Φ 15.88
		inch	1/2	1/2	5/8	5/8
	Condensate Drain	mm	I.D.32			
Weight	Net Weight	kg	18	22	26	27
	Gross Weight	kg	30	31	37	37
Dimensions	External	H mm	620	620	620	620
		W mm	948+139	948+139	1218+139	1218+139
		D mm	202	202	202	202
	Packaging	H mm	675	675	675	675
		W mm	1160	1160	1430	1430
		D mm	240	240	240	240

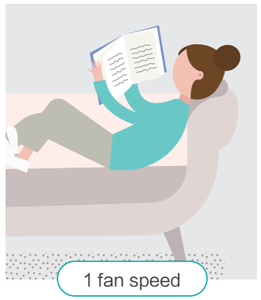
Notes:

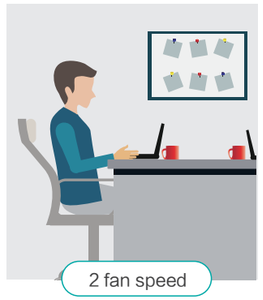
1. The nominal cooling capacity and heating capacity are based on the following conditions:
   Cooling Operation Conditions
   Indoor Air Inlet Temperature: 27℃ DB (80°F DB), 19.0℃ WB (66.2°F WB)
   Outdoor Air Inlet Temperature: 35℃ DB (95°F DB)
   Piping Length: 7.5 Meters Piping Lift: 0 Meter
   Heating Operation Conditions
   Indoor Air Inlet Temperature: 20℃ DB (68°F DB)
   Outdoor Air Inlet Temperature: 7℃ DB (45°F DB), 6℃ WB (43°F WB)
2. The sound pressure level is based on the following conditions:
   1.5m meters from the unit and 1.5m meters from floor level.
   The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.

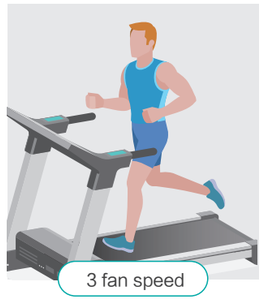
All Fresh Air Indoor Unit

Multiple Fan Speeds

Equipped with a DC motor, our system offers three-level fan speeds that can be flexibly adjusted to suit different indoor conditions.

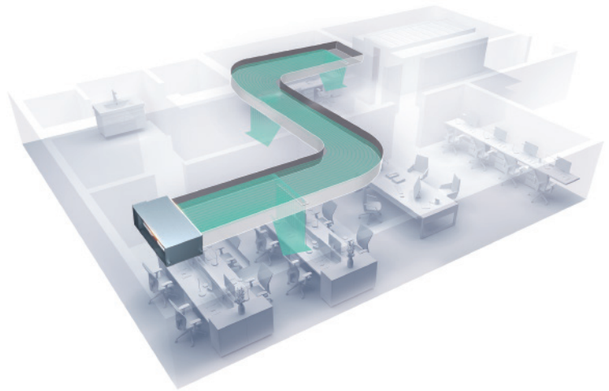






Adjustable Static Pressure

Three static pressure modes can be adjusted to meet the needs of different air supply distance, making installation more flexible and effectively sends conditioned air to every corner of the room.

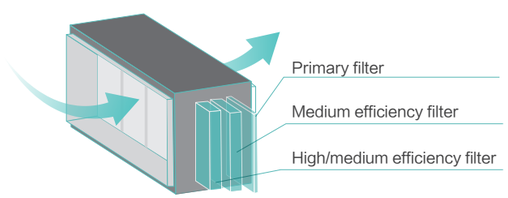


Self-cleaning Function

Featured with self-cleaning technology, the evaporator can be self-cleaned automatically, preventing the dust and potentially harmful substances from accumulating on the surface of the heat exchanger. It ensures that the air blown from the air conditioner is clean and healthy.

PM2.5 Filter Box

Equipped with a high-performance filter box, our air conditioning system removes impurities from outdoor air, ensuring the air you breathe is cleaner and healthier. Besides, the filter box is designed for easy maintenance and replacement, allowing for seamless system operation.



Model			AVA-48HJFDL-108	AVA-76HJFDL-168	AVA-96HJFDL-210	AVA-114HJFDL-300
Power Supply			AC 1Φ,220V~240V/50Hz/60Hz			
Capacity	Cooling	kW	14.0	22.4	28.0	33.5
		Btu/h	47,800	76,500	95,600	114,400
	Heating	kW	13.7	21.9	24.5	26.4
		Btu/h	46,800	74,800	83,600	90,100
Power Input	Cooling	W	190	311	421	721
	Heating	W	190	311	421	721
Sound Pressure		dB(A)	42	46	48	49
Airflow Rate		m^3/min	18.0/15.6/13.3	28.0/23.2/18.3	35.0/31.7/26.7	50.0/41.7/33.3
External Static Pressure		Pa	150(150~200~250)	150(150~200~250)	150(150~200~250)	150(150~220~300)
Piping	Connection Type		Flare-Nut Connection (with Flare Nuts)	Brazing		
	Liquid	mm	Φ9.53	Φ9.53	Φ9.53	Φ12.70
		inch	3/8	3/8	3/8	1/2
	Gas	mm	Φ15.88	Φ19.05	Φ22.20	Φ25.40
		inch	5/8	3/4	7/8	1
	Condensate Drain	mm	VP25			
Weight	Net Weight	kg	56	107	108	108
	Gross Weight	kg	62	124	125	125
Dimensions	External	H mm	320	484	484	484
		W mm	790	1072	1072	1072
		D mm	1420	1269	1269	1269
	Packaging	H mm	420	1213	1213	1213
		W mm	1650	1450	1450	1450
		D mm	955	530	530	530

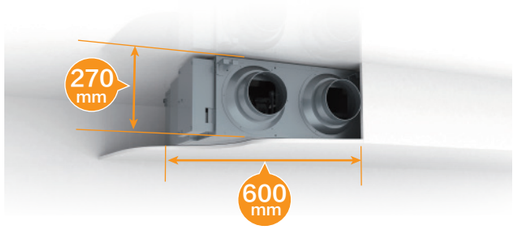
Notes:

1. The nominal cooling capacity and heating capacity are based on following conditions:
   Cooling operation conditions: 35℃ DB, 28℃ WB, piping length: 7.5m, piping lift: 0m.
   Heating operation conditions: 0℃ DB, −3℃ WB, piping length: 7.5m, piping lift: 0m.
   (Heating capacity is tested when defrosting is not available.)
2. The sound pressure level is based on following conditions: 1.4m beneath the unit.
   The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.
3. In case of connecting the all fresh air type indoor unit with other indoor units in the same refrigerant cycle, the total capacity of all fresh air type indoor unit shall not exceed 30% of the rated capacity of VRF outdoor unit.
4. When the outdoor unit is connected only with all fresh air type indoor unit, the combination ratio is 80 ~ 100%.

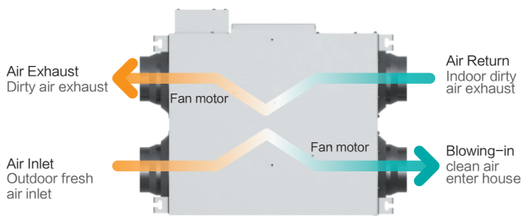
Heat Recovery Ventilator

Compact Machine, Convenient Installation

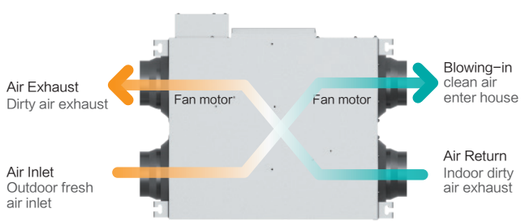
Its compact design facilitates easy installation in narrow ceil-ings. With a width of only 600mm (for units with an airflow rate under 300m³/h), it is perfect for the tight ceiling spaces.



Airflow System



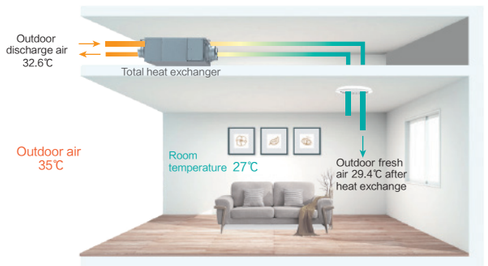
HKF-15B2EC~HKF-100B2EC



HKF-150B2EE~HKL-500B2EE

Energy Saving Analysis

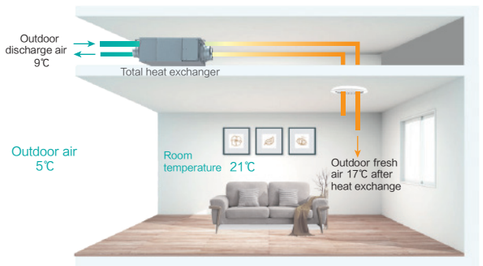
Summer Energy Saving Analysis



Total heat exchanger mode

In summer operation, when the cold energy of 27℃ air dis-charged from indoor pass through the heat exchanger, the 35℃ outdoor hot air is pre-cooled to 29.4℃ fresh air and supplied to indoors, as shown above, the air conditioner only needs to cool the air by 2.4℃ to maintain a comfortable room temperature and fresh air. In this process, the discharge air pre-cools the fresh air by HRV, The temperature recovery efficiency in cooling is 70% max, and enthalpy exchange efficiency is 57% max.

Winter Energy Saving Analysis



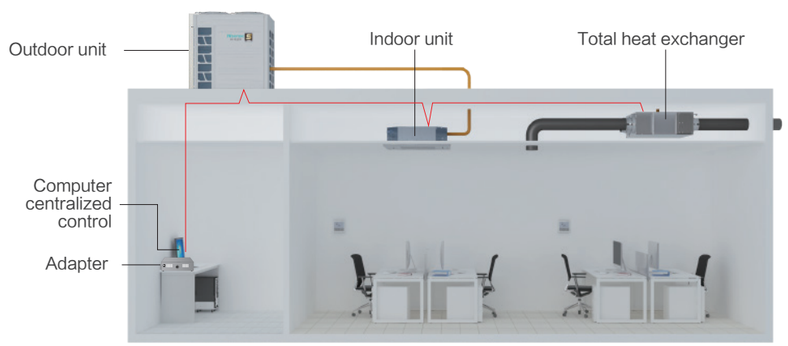
Total heat exchanger mode

In winter operation, when the heat energy of 21℃ air dis-charged from indoor pass through the heat exchanger, the 5℃ outdoor cold air is pre-heated to 17℃ fresh air and sup-plied to indoors, as shown above, when outdoor 5℃ air and indoor 21℃ air pass through the HRV, the fresh air supplied to indoors is about 17℃, the air conditioner only needs to heat the air by 4℃ to maintain a comfortable room tempera-ture and fresh air. The temperature recovery efficiency in heating is 75% max, and enthalpy exchange efficiency is 63% max.

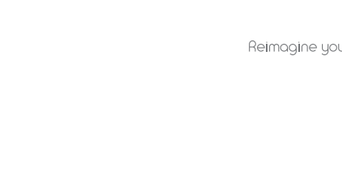
Heat Recovery Ventilator

Centralized Control System

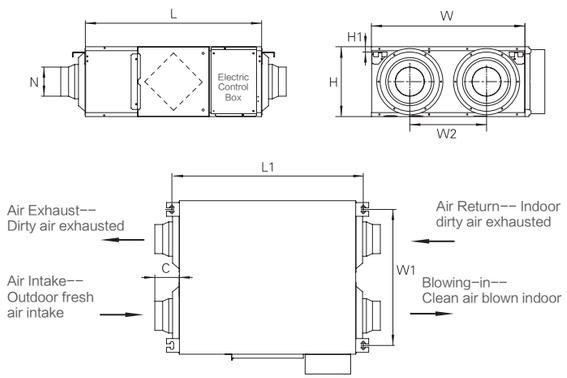
Hisense heat recovery ventilator can be connected to the Hisense VRF Central Control System, achieving the central control from Hisense VRF controllers. The operation is more convenient and more intelligent.



HKF-15B2EC



Product Dimensions



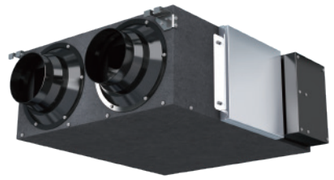
Model	L	L1	W	W1	W2	H	C	N	H1
HKF-15B2EC*	665	723	580	514	290	265	90	Φ144	20

Technical Parameters

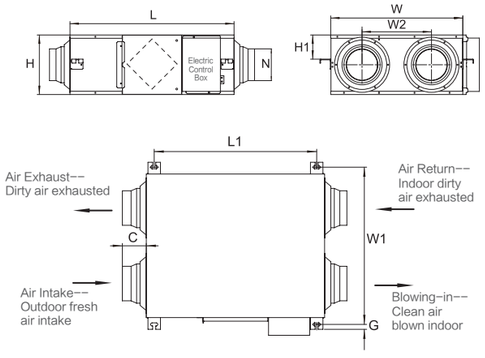
Model	Air Volume m³/h			Enthalpy Efficiency (Summer) η i			Enthalpy Efficiency (Winter) η i			External Static Pressure Pa			Power Supply	Input Current A			Input Power kW			Noise Level dB(A)			Weight kg
	High	Middle	Low	High	Middle	Low	High	Middle	Low	High	Middle	Low		High	Middle	Low	High	Middle	Low	High	Middle	Low	
HKF-15B2EC*	150	150	110	58	58	60	65	65	69	85	70	65	220-240V /50HZ	0.38	0.36	0.31	2 × 0.041	2 × 0.038	2 × 0.029	30	29	28	25

*: 220V/60Hz HKF-15B2E2

HKF-25B2EC~HKF-100B2EC



Product Dimensions



Model	L	L1	W	W1	W2	H	C	G	N	H1
HKF-25B2EC*	745	675	600	656	315	270	90	19	Φ144	110
HKF-35B2EC*	745	675	805	861	480	270	90	19	Φ144	110
HKF-50B2EC*	825	755	905	961	500	270	96	19	Φ194	110
HKF-65B2EC*	1115	1050	885	941	430	390	80	19	Φ242	175
HKF-80B2EC*	1115	1050	1135	1191	675	390	80	19	Φ242	175
HKF-100B2EC*	1115	1050	1135	1191	675	390	80	19	Φ242	175

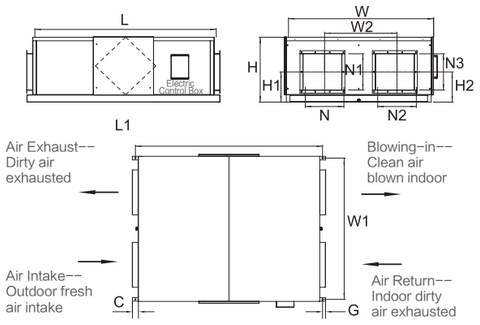
Technical Parameters

Model	Air Volume m³/h			Enthalpy Efficiency (Summer) η i			Enthalpy Efficiency (Winter) η i			External Static Pressure Pa			Power Supply	Input Current A			Input Power kW			Noise Level dB(A)			Weight kg
	High	Middle	Low	High	Middle	Low	High	Middle	Low	High	Middle	Low		High	Middle	Low	High	Middle	Low	High	Middle	Low	
HKF-25B2EC*	250	250	190	57	57	59	63	63	68	85	65	60		0.66	0.56	0.52	2×0.069	2×0.055	2×0.049	32	31	28	30
HKF-35B2EC*	350	350	270	55	55	57	62	62	65	100	75	65		0.76	0.75	0.71	2×0.083	2×0.079	2×0.075	34	33	31	35
HKF-50B2EC*	500	500	400	56	56	58	63	63	65	130	110	100	220-240V /50HZ	1.82	1.71	1.52	2×0.189	2×0.157	2×0.124	39	38	36	40
HKF-65B2EC*	650	650	550	57	57	59	63	63	68	130	100	100		1.75	1.62	1.51	2×0.193	2×0.178	2×0.164	40	38	35	62
HKF-80B2EC*	800	800	650	58	58	59	66	66	68	130	100	90		1 98	1.88	1.75	2×0.211	2×0.196	2×0.18	42	40	37	72
HKF-100B2EC*	1000	1000	700	56	56	58	63	63	66	165	120	60		4.68	4.18	3.47	2×0.510	2×0.450	2×0.363	44	42	38	79

*: AC 1Φ，220V/60Hz HKF-25B2E2~HKF-100B2E2

HKF-150B2EE~HKF-200B2EE

Product Dimensions



Model	L	L1	W	W1	W2	H	H1
HKF-150B2EE*	1500	1550	1200	1170	600	540	250
HKF-200B2EE*	1550	1600	1400	1370	700	540	250

Model	C	G	N	N1	N2	N3	H2
HKF-150B2EE*	50	25	320	300	320	300	250
HKF-200B2EE*	50	25	320	300	320	300	250

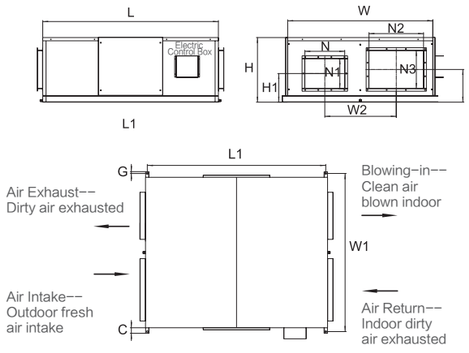
Technical Parameters

Model	Air Volume m³/h	Enthalpy Efficiency (Summer) η i	Enthalpy Efficiency (Winter) η i	External Static Pressure Pa	Power Supply	Input Current A	Input Power kW	Noise Level dB(A)	Weight kg
HKF-150B2EE*	1500	55	63	180	380~415V/50Hz	2.78	2×0.41	48	151
HKF-200B2EE*	2000	54	62	160	380~415V/50Hz	2.89	2×0.52	49	172

* : AC 3Φ，220V/60Hz HKF-150B2E9 HKF-200B2E9　　AC 3Φ，380V/60Hz HKF-150B2EF HKF-200B2EF

HKF-250B2EE~HKF-300B2EE

Product Dimensions



Model	L	L1	W	W1	W2	H	H1
HKF-250B2EE*	1610	1580	1330	1400	655	600	265
HKF-300B2EE*	1700	1670	1500	1570	750	640	272

Model	C	G	N	N1	N2	N3	H2
HKF-250B2EE*	50	15	365	275	500	350	300
HKF-300B2EE*	50	15	365	275	500	350	309

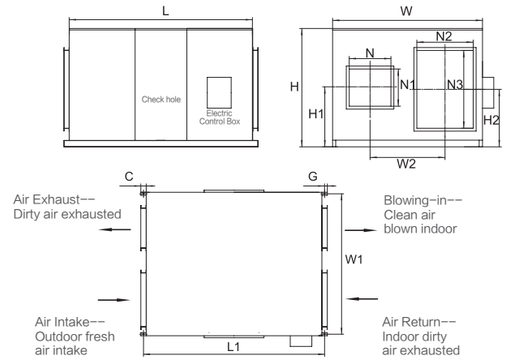
Technical Parameters

Model	Air Volume m³/h	Enthalpy Efficiency (Summer) η i	Enthalpy Efficiency (Winter) η i	External Static Pressure Pa	Power Supply	Input Current A	Input Power kW	Noise Level dB(A)	Weight kg
HKF-250B2EE*	2500	54	62	180	380~415V/50Hz	3.86	2×0.72	53	185
HKF-300B2EE*	3000	55	63	200	380~415V/50Hz	5.12	2×1.16	56	222

* : AC 3Φ，220V/60Hz HKF-250B2E9 HKF-300B2E9　　AC 3Φ，380V/60Hz HKF-250B2EF HKF-300B2EF

HKL-400B2EE~HKL-500B2EE

Product Dimensions



Model	L	L1	W	W1	W2	H	H1
HKL-400B2EE*	1625	1675	1330	1300	665	1050	490
HKL-500B2EE*	1625	1675	1330	1300	665	1050	490

Model	C	G	N	N1	N2	N3	H2
HKL-400B2EE*	50	25	370	330	500	690	475
HKL-500B2EE*	50	25	370	330	500	690	475

Technical Parameters

Model	Air Volume m³/h	Enthalpy Efficiency (Summer) η i	Enthalpy Efficiency (Winter) η i	External Static Pressure Pa	Power Supply	Input Current A	Input Power kW	Noise Level dB(A)	Weight kg
HKL-400B2EE*	4000	55	63	220	380~415V/50Hz	5.89	2×1.71	57	312
HKL-500B2EE*	5000	53	61	240	380~415V/50Hz	8.78	2×2.2	58	321

* : AC 3Φ，220V/60Hz HKL-400B2E9 HKL-500B2E9　　AC 3Φ，380V/60Hz HKL-400B2EF HKL-500B2EF

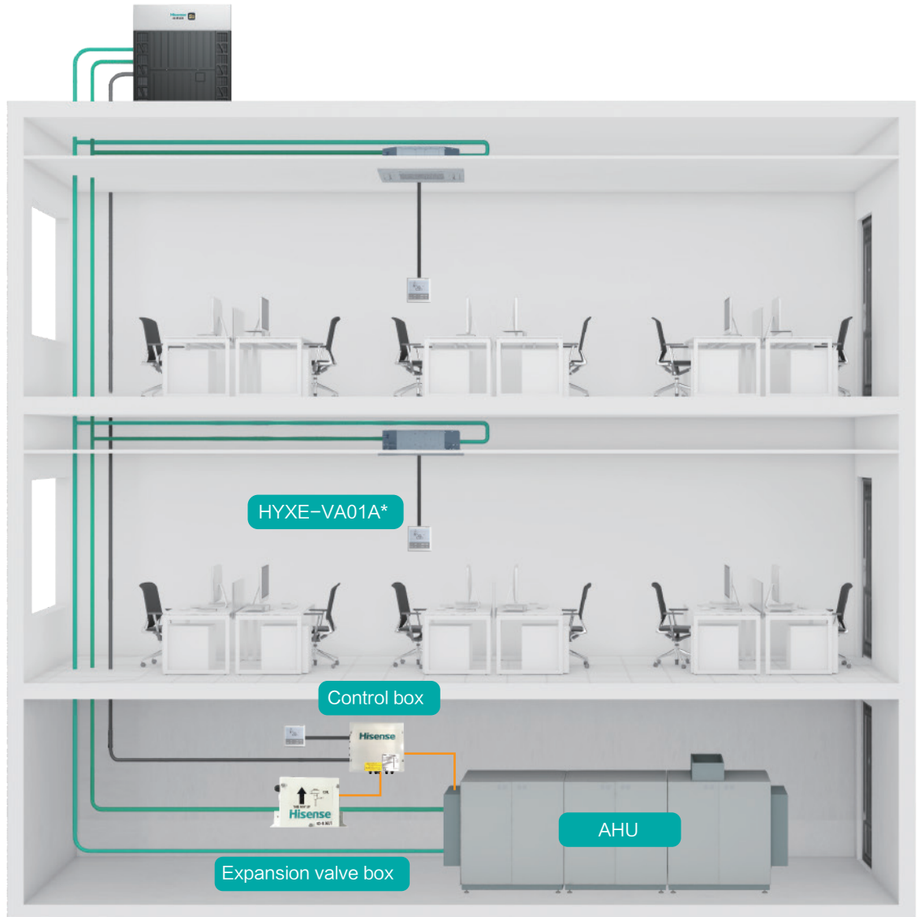
AHU Connection KIT

The Hisense AHU-kit integrates external heat exchangers of Air-handing units (AHU) into a Hisense VRF system to provide more flexible air conditioning solutions.

Main Function

- ON/OFF Control
- Temperature Setting
- Capacity Demand
- Operation Mode

Communication wire Sensor signal Refrigerant pipe



*The wired controller HYXE-VA01A is standard.

AHU Connection KIT

AHU kit can provide 3 kinds of control type for AHU application: Inlet air temperature control, outlet air temperature control and duty signal control.

Capacity Control Mode	Set Temperature by Remote Controller	Set ODU Capacity Range
Inlet Air (room air) Temperature Control	Cooling: 16~32 ℃ Heating: 16~32 ℃	–
Outlet Air Temperature Control		
Duty Signal Control (0~10V or 0~5V or 4~20mA)	–	15%~100%

AHU Connection KIT			HZX-2 BEJD	HZX-4 BEJD	HZX-6 BEJD	HZX-10 BEJD		HZX-20 BEJD					HZX-30 BEJD				
Power Supply			AC 1Φ, 220V~240V/50Hz/60Hz														
Nominal Capacity of AHU		kBtu/h	19	36	54	76	96	114	132	154	170	190	212	232	250	272	287
Allowed Heat Exchanger Capacity (H/M/L)		kW	5.6	11.2	16.0	22.4	28.0	33.5	40.0	45.0	50.0	56.0	61.5	69.0	73.0	80.0	85.0
	Cooling	kW	5.0	9.0	14.0	20.0	25.0	30.0	35.0	43.0	48.0	52.0	58.0	65.0	71.0	76.0	82.0
		kW	4.0	7.1	11.2	16.0	20.0	28.0	33.5	40.0	45.0	50.0	56.0	61.5	69.0	73.0	80.0
		kW	7.1	12.5	18.0	25.0	31.5	37.5	45.0	50.0	56.0	63.0	69.0	77.5	82.5	90.0	95.0
	Heating	kW	5.6	10.0	16.0	22.4	28.0	33.5	40.0	47.5	53.0	60.0	66.0	75.0	79.0	86.0	92.0
		kW	4.5	8.0	12.5	17.9	22.4	31.5	37.5	45.0	50.0	56.0	63.0	69.0	77.5	82.5	90.0
Heat Exchanger Volume	Min	dm^3	0.57	1.03	1.92	2.92	3.89	4.76	5.85	6.79	7.57	8.47	9.04	9.50	10.39	11.39	12.36
	Max	dm^3	1.16	2.37	2.92	3.89	4.76	5.91	6.89	8.00	8.92	9.97	11.13	12.34	12.89	13.86	14.73
Equivalent Indoor Unit Capacity		kBtu/h	19	36	54	76	96	114	132	154	170	190	212	232	250	272	287
Net Weight		kg	7.1	7.1				7.2					9.2				
Gross Weight		kg	11.7	11.8				11.9					15.4				
Package Dimension (H×W×D)		mm	350×510×450										460×510×450				
Control Box	Model		HZX-BEJD/1														
	Outer Dimension(H×W×D)		112×419×349														
Expansion Valve Box	Model		HZX-2 BEJD/2	HZX-4 BEJD/2	HZX-6 BEJD/2	HZX-10 BEJD/2		HZX-20 BEJD/2					HZX-20 BEJD/2 (2 sets)				
	Outer Dimension(H×W×D)		61×437×166										61×437×166(2 sets)				

Operation conditions		Cooling	Heating
Indoor air inlet temperature	DB	27.0℃	20.0℃
	WB	19.0℃	–
Outdoor air inlet temperature	DB	35.0℃	7.0℃
	WB	–	6.0℃

DB: dry bulb; WB: wet bulb

Pipe Length: 7.5m; pipe height: 0m

CONTROL SYSTEMS

- Individual Control
- Centralized Control
- Intelligent Control

Overview

Model	Wired Controller HYXE-VC01	Wired Controller HYXM-VG01	Wired Controller HYXE-VA01A	Wired Controller HYXE-S01H	Wireless Controller HYE-VD01
Picture					
Max. connectable indoor units	6	16	16	16	—
Power supply	15V	15V	15V	15V	3V
Dimension(mm)	86*86	120*120	120*120	120*70	178.6*47.8
Cool/Heat/Fan/Auto/Dry	●	●	●	●	●
Auto dehumidification(humidity sensor)	●	●	●	●	×
Fan speed	●	●	●	●	●
Louver setting	●	●	●	●	●
Temperature setting	●	●	●	●	●
Operation monitoring	●	●	●	●	×
Timer	●	●	●	●	●
7-day timer	×	●	×	×	×
Holiday setting	×	●	×	×	×
Main-sub connection	●	×	●	×	×
Main-sub control	×	●	×	×	×
Change indoor address	●	●	●	×	×
Check function	●	●	●	●	×
Option setting	●	●	●	●	×
Air filter cleaning reminding	●	●	●	●	×
Error code display	●	●	●	●	×
Auto test run	●	●	●	●	●
Indoor/outdoor PCB checking	●	●	●	●	×
Self diagnostic function	●	●	●	●	●
Back light	●	●	●	●	●
Built-in temperature sensor	●	●	●	×	●
Wireless control available	●	●	×	×	—
Individual louver control	●	●	●	×	●
Breeze mode	●	●	●	×	×
Motion sensor	×	●	●	×	×
Health(Airpure)	●	●	●	×	●
High-temp sterilization	×	●	×	×	×
Hi-Motion	×	●	×	×	×
ECO (energy saving)	●	●	●	×	●
Quiet (Indoor unit)	●	●	●	●	●
Sleep(Indoor unit)	●	●	●	×	●
Window interlock	●	●	●	×	×
Key card	●	●	●	×	×
3D-air flow	●	●	●	×	●
Child lock	●	●	×	×	×
Self cleaning	●	●	●	×	●
Auto changeover	×	●	×	×	×
Dynamic ESP	●	●	×	×	×
Outlet air temp limit	●	●	×	×	×

Remarks: Available: ● Unavailable: ×

Type		Wired Controller				Wireless Controller
	Model	HYXE-VC01	HYXM-VG01	HYXE-VA01A	HYXE-S01H	HYE-VD01
	Picture					
Indoor Unit	4-Way Cassette	○	○	○	○	○
	Mini 4-Way Cassette	○	○	○	○	○
	1-Way Cassette	○	○	○	×	○
	2-Way Cassette	○	○	○	×	○
	Ceiling Ducted Type (AC/DC)	○	○	○	○	○
	Ceiling Ducted Type (High/Low)	○	○	○	○	○
	Console	○	○	○	○	●
	Wall Mounted Type	○	○	○	○	●
	Ceiling & Floor Type	○	○	○	○	●
	Floor Concealed Type	○	○	○	×	○
	All Fresh Air	○	○	○	○	○
	Heat Recovery Ventilator	●	○	○	○	×
	AHU Kit	○	○	●	×	×

Type		Receiver Kit				Centralized Controller	ON/OFF
	Model	HYRE-V02H	HYRE-Z01H	HYRE-T03H	HYRE-X01H	HYJM-RA10D	HYJ-J01H
	Picture						
Indoor Unit	4-Way Cassette	×	×	○	×	○	○
	Mini 4-Way Cassette	×	○	×	×	○	○
	1-Way Cassette	×	×	×	○	○	○
	2-Way Cassette	○	×	×	×	○	○
	Ceiling Ducted Type (AC/DC)	○	×	×	×	○	○
	Ceiling Ducted Type (High/Low)	○	×	×	×	○	○
	Console	○	×	×	×	○	○
	Wall Mounted Type	○	×	×	×	○	○
	Ceiling & Floor Type	○	×	×	×	○	○
	Floor Concealed Type	○	×	×	×	○	○
	All Fresh Air	○	×	×	×	○	○
	Heat Recovery Ventilator	×	×	×	×	○	○

Remarks: Standard: ● Optional: ○ Incompatible: ×

Individual Control

Wired Controller

HYXE-VC01

Mode	Cool/Heat/Auto/Fan/Dry
Timer	24-hour timer
Maintenance	Error code/Parameter check/Auto test run/ Self diagnostic function/Indoor & Outdoor PCB checking/ Air filter cleaning reminding/IDU address setting
Louver	7 Louver setting/3D-air flow/Individual louver control
Special function	Health/ECO/Quiet/Sleep/Self-cleaning
Fan speed	6
Temperature setting	0.5℃ accuracy/Display the setting temp. or room temp.
Main-sub control	•
Wireless control available	•
Built-in temperature sensor	•

Features

- Size: 86mm × 86mm
- Max. connectable indoor units: 6
- LCD display with back light
- Touch button
- Flat back-cover for easy mounting

HYXM-VG01

Mode	Cool/Heat/Auto/Fan/Dry
Timer	24-hour/Weekly schedule/Holiday setting
Maintenance	Error code/Parameter check/Auto test run/ Indoor&Outdoor PCB checking/Self diagnostic function
Louver	Louver setting/Individual louver control/3D-air flow
Special function	Breeze mode/Motion sensor/Health/ Hi-Motion/ECO/Quiet/Sleep
Fan speed	6
Temperature setting	0.5℃
Main-sub control	•
Air filter cleaning reminding	•
Back light	•
Built-in temperature sensor	•
Built-in receiver kit	•

Features

- Size: 120mm × 120mm
- Max. connectable indoor units: 16
- Touch button
- Language:
  Support 11 languages: English, French, German, Italian, Spanish, Dutch, Portuguese, Polish, Turkish, Russian, Arabic
- Diverse Display Colors
- Brand-new Auto Changeover
- Refrigerant Leakage Alarm

HYXE-VA01A

Mode	Cool/Heat/Auto/Fan/Dry
Timer	72-hour
Maintenance	Error code/Parameter check/Auto test run/ Indoor&Outdoor PCB checking/Self diagnostic function
Louver	Louver setting/Individual louver control/3D-air flow
Special function	Breeze mode/Motion sensor/Health/ECO/Quiet/ Sleep/Self-cleaning
Fan speed	6
Temperature setting	0.5℃
Main-sub control	•
Air filter cleaning reminding	•
Back light	•
Built-in temperature sensor	•

Features

- Size: 120mm × 120mm
- Max. connectable indoor units: 16
- LCD display
- Touch button

HYXE-S01H

Mode	Cool/Heat/Auto/Fan/Dry/Quiet
Timer	24-hour
Maintenance	Error code/Parameter check/Auto test run/ Indoor&Outdoor PCB checking/Self diagnostic function
Louver	Louver setting
Fan speed	6
Temperature control	•
Air filter cleaning reminding	•

Features

- Size: 120mm × 70mm
- Max. connectable indoor units: 16
- LCD display
- Touch button

Wireless Controller

HYE-VD01

Mode	Cool/Heat/Auto/Fan/Dry
Timer	24-hour timer
Maintenance	Auto test run/Self diagnostic function/ Identification of adjacent receiver
Louver	Louver setting/3D-air flow*/Individual louver control
Special function	Health/ECO/Quiet/Sleep/Self-cleaning
Fan speed	6
Temperature setting	1℃ accuracy/Display the setting temp. or room temp.
Built-in temperature sensor	•

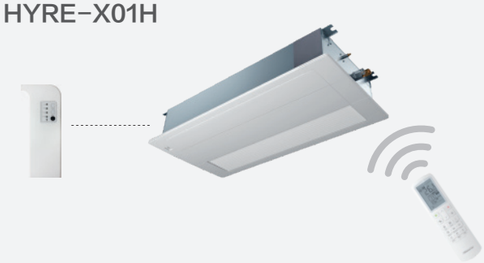
Features

- Size: 178.6mm × 47.8mm
- LCD display with back light

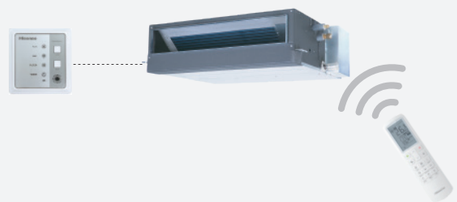
* When used to control 3D air-flow Panels, an additional receiver kit of wireless control will be necessary.

Receiver Kit for Wireless Control-Optional

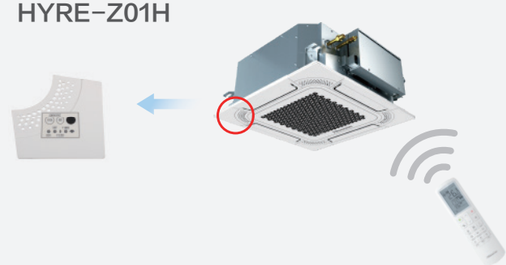
HYRE-X01H



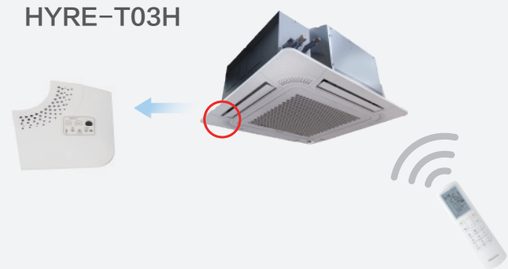
HYRE-V02H



HYRE-Z01H



HYRE-T03H



Centralized Control

ON/OFF Controller
HYJ-J01H

- Group control（ON/OFF）
- Indoor unit power OFF reminder
- Indoor units Auto log in
- Error reminder

Features

- Size: 120mm × 120mm
- Max. connectable indoor units: 128
- Max.connectable indoor unit groups: 16
- Touch button

Smart Touch II
HYJM-RA10D

- Cool/Heat/Auto/Fan/Dry
- Remote control with web access
- Support rotation operation setting
- Weekly/Holiday timer
- Error reminder email
- External input/Output function
- ECO/Health/Self-cleaning/Quiet mode setting of the outdoor unit
- Support OTA update (remotely) and USB update (locally)

Features

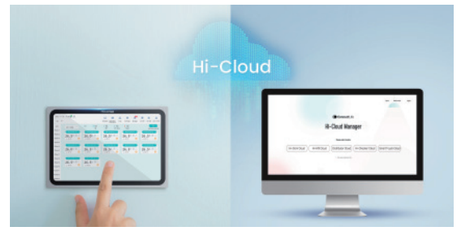
- 10 inch colorful touch screen
- 1280 × 800 High Resolution
- Size: 170mm × 252mm × 37mm
- Connected quantity:
  160 indoor units, 64 outdoor units
- 14 different languages:
  English, French, Spanish, German, Italian, Dutch, Polish, Turkish, Russian, Arabic, Portuguese, Vietnamese, Thai, Chinese

Energy Management

Visualized energy management is available through the Smart Touch II, enabling quick access to electricity consumption data and analysis. Electricity curve graph will show the electricity usage of air conditioning systems without connecting meters.

Access Remotely with Ease

Users have the flexibility to control the air-conditioning system using either the local Smart Touch II or remote web access.

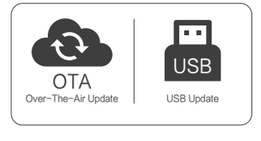


Free Connection

- Max. 4 Smart Touch controllers can be used in one system
- One controller can be connected to max. 160 IDUs, 64 ODUs

Future-proof

Ensure you stay up to date with both remote OTA updates and local USB updates.



Ideal for:

Offices, Schools, Factories, Hospitals, Hotels, Restaurants

Anytime and anywhere, control is in your hands

Brand-new Adapter and App

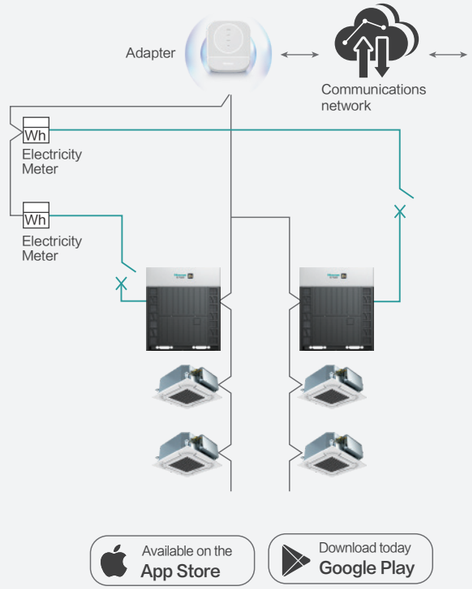
- Stylish appearance and compact body
- Compatible with VRF, hydro box and heat recovery ventilator
- Supporting OTA update
- Simple and intuitive interfaces
- Voice control available

Convenient Control

- 12 languages available
- Energy management
- 2-level permission
- Online repair
- 7x24 schedule setting
- Customized scenes setting

Energy management interface

Customized mode interface



Strong Capability

- Up to 64 IDUs and 64 ODUs can be connected to one Hi-Mit II adapter.
- One user account of APP can control 8 adapters, up to 512 IDUs.

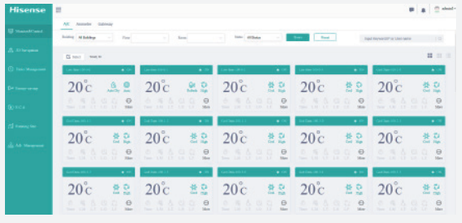
Specifications

Model	Power Supply	Max. Current	Power Input	Dimension	Net Weight
HCCS-H64H2C1M	DC 12V	1A	2.4W	91x117x31mm	0.14kg

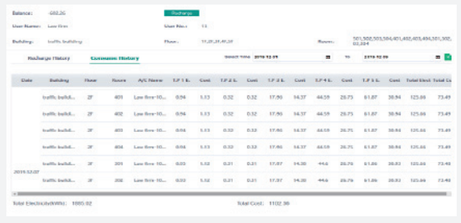
Features

- Remote control available
- Multilevel user management
- AC control (on-off, mode, temp, air flow)
- AC locked control (running forbidden control, the max. and min. temp and cooling/heating locked)
- Running according to timer
- Malfunction history check
- Running record display
- Data synchronize
- Supporting for external I/O
- 2D navigation
- Electricity consumption allocation
- Multiple languages available
- Standard with Modbus RTU port

◉ Humanized interaction interface and comfortable user experience.

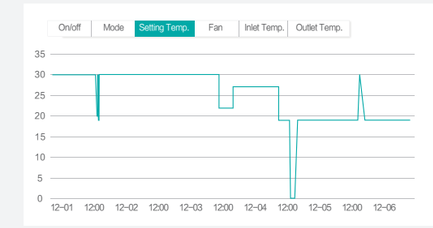


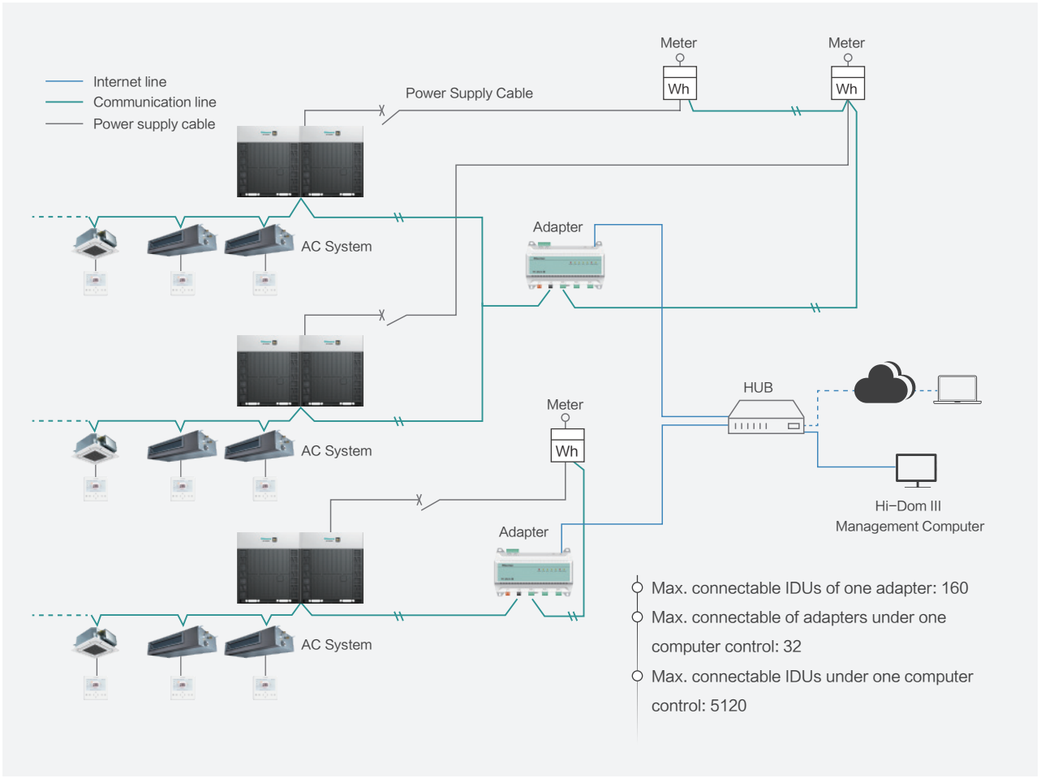
◉ The electricity consumption allocation makes it easy for users to allocate total electricity consumption among build-ing occupants. Both segmented tariff and single tariff are available.



◉ Thanks to the 2D navigation, users can import floor plans and place indoor units in the corresponding rooms, creating a tailored system schematic. Thus all the indoor units can be monitored and controlled intuitively.

◉ Support operation history data record like the below picture. Also the operation data can be exported to excel format, convenient for customers to read.





- Max. connectable IDUs of one adapter: 160
- Max. connectable of adapters under one computer control: 32
- Max. connectable IDUs under one computer control: 5120

Specifications

	Model	Power Supply	Dimension (LxWxD)	Note
Adapter	HCCS-H160H2C2YM	12V	180x115.4x64.5mm	With electric charging function
	HCCS-H160H2C2NM	12V	180x115.4x64.5mm	Without electric charging function

Intelligent service tool, improves your service

Hi-Checker is a plug and play service tool, with which service engineers can access the system and monitor operation status or data, very convenient for system communication and maintenance. Besides, it features cloud-based management, easy to access operation status remotely.

- Small and Portable Body
- Remote Access
- Black Box Function
- Powerful Charts
- OTA Update

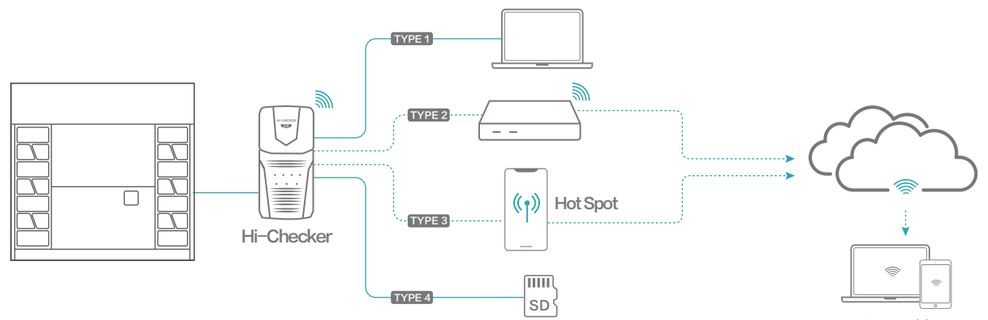
Easy to Use

- Compact size which allows high portability and space saving.
- Capable to slot in a 32G memory card for data collection and storage. Also the memory card and card reader are standard with Hi-Checker.
- Multiple choices of power supply types. It can be powered by the standard adapter (DC 5V), computer or power bank.
- Support OTA update, ensuring the software is always up to date.

Easy to Access

4 Ways to Access the Operation Data

- Conventional connection type. The simplest and reliable way by just connecting the Hi-Checker to your computer directly through USB.
- Internet connection type. Be connected to a stable Wi-Fi signal to achieve operation data and status monitoring anytime and anywhere.
- Hotspot connection type. Be connected to a temporary hotspot signal from the smartphone, allowing the Hi-Checker to remotely monitor the operation data when there is no stable Wi-Fi signal on site.
- SD card storage type. Hi-Checker equipped with SD card can be connected to the air conditioning system all the time, so that all the operation data can be stored in the card for later analysis.



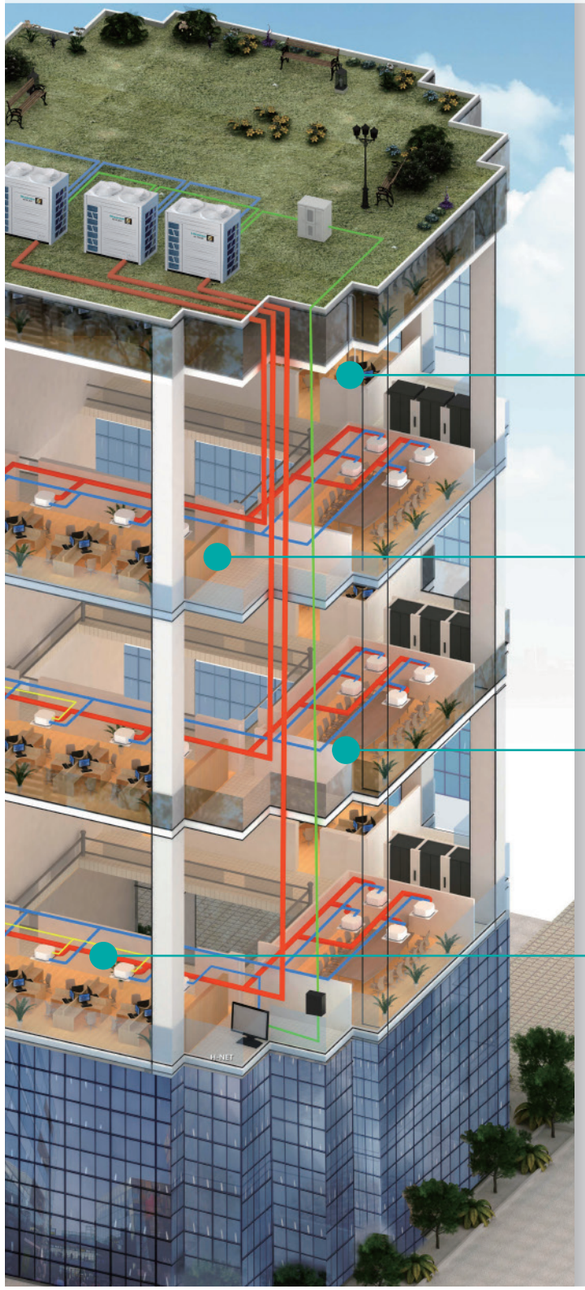
Easy to Understand

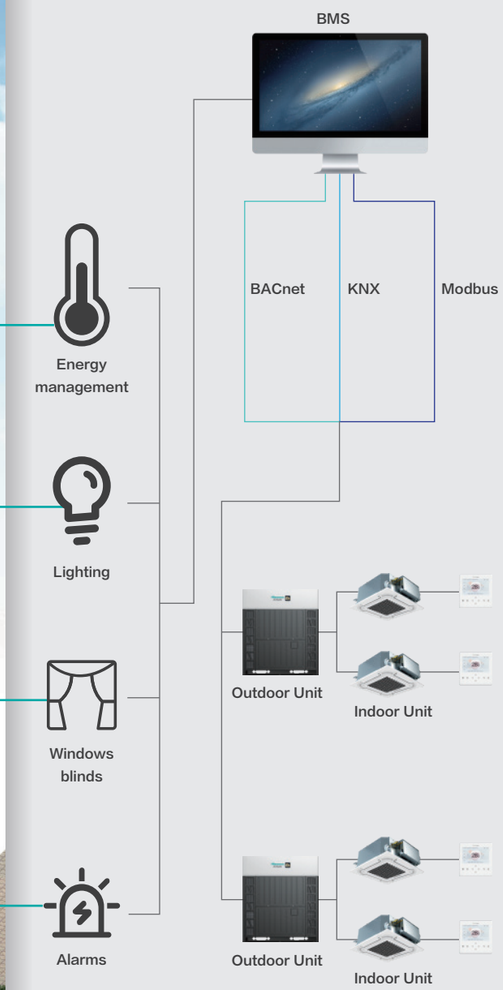
- Powerful and detailed chart analysis on the operation data, allowing users to determine the system condition easily. Together with the smart system diagram, it is interesting and easier for maintenance.
- Users can export the professional report either in .csv or .pdf format, very user-friendly.

Specifications

Mode	Size (LxWxH)mm	Net Weight (g)	Power Suppy	Connectable IDUs
HCCS-J64H2C3M	138x68x28	130	5V⎓500mA	160

Building Management System





KNX®

KNX gateway	HS-RC-KNX-1i
Power Supply	DC, 29V
Max. Number of Connectable Indoor Units	1
Dimension (H × W × D)	70 × 70 × 28mm

Features

- Standard data point types
- Error code
- Directly control of all indoor units
- Air filter reminder
- Running hours counter

Modbus®

Modbus gateway	HCPC-H2M4C
Power Supply	DC, 12V
Max. Number of Connectable Indoor Units	160
Dimension (H × W × D)	50 × 170 × 220mm

Features

- On-Off setting
- Temperature setting
- Operating mode setting
- Inlet air temperature monitoring
- Airflow setting and monitoring
- All units On-Off control
- Alarm monitoring and code display
- Humidity control

Mini Modbus®

MiniModbus gateway	HCPC-H2M5C
Power Supply	DC, 12V
Max. Number of Connectable Indoor Units	32
Dimension (H × W × D)	27 × 75 × 100mm

Features

- On-Off Setting
- Temperature Setting (0.5℃ adjustment)
- Airflow Setting (Auto/3 or 6 fan speed)
- Humidification control
- Operating Mode Setting
- Inlet Air Temp. Monitoring
- All Units On/Off Control
- Alarm Monitoring and Code Display

BACnet® & KNX®

BACnet & KNX gateway	HCPC-H1KB16	HCPC-H1KB64
Power Supply	DC, 12~36V / 3W or AC, 24V/0.2A/50-60Hz or DC, 24V(Recommended)	
Max. Number of Connectable Indoor Units	16	64
Dimension (H × W × D)	100x115x100mm	100x115x100mm

Features

- Central control of all indoor units
- Indoor unit data monitoring
- Heat/Dry/Fan/Cool/Auto mode
- Control-vane position swing control

Note: Bacnet®is a registered trademark of American Society of Heating, Refrigerating and Air-conditioning Engineers (ASHRAE).
Modbus®is a registered trademark of Schneider Electric.
KNX®is a registered trademark of Konnex.

ACCESSORIES

Accessories

Hi-Motion

Model	Applicable Models	Picture
HCM-S01E	All types of indoor units	

Motion Sensor

Model	Applicable Models	Picture
HPS-MACN	Mini 4-Way Cassette	
HCM-01E	4-Way Cassette	

Fresh Air Duct Adapter

Model	Applicable Models	Picture
HFL-56CSA	4-Way Cassette and Mini 4-Way Cassette	

Humidity Sensor

Model	Applicable Models	Picture
HCHR-S01E	4-Way Cassette, Mini 4-Way Cassette Console Type,Ceiling Ducted	

Filter

Filter model	Dimensions (LxWxD) mm	Applicable Models	Grade	Picture
HF-56MQE	343 × 343.5 × 15.0	Mini 4-Way Cassette	G4	
HF-160MQE	527 × 513.0 × 17.0	4-Way Cassette	G4	
HF-280L-FE	Filter: 1100x432.5x20 Frame: 1245x463	AVD-76/96HJDH AVA-76~114HJFDL	G1	

Filter box model	Dimensions (L × W × H) mm	Applicable Models	Grade	Picture
HFB-96LFGDE	1339 × 384 × 462	AVD-76/96HJDH AVA-76~114HJFDL	High-efficiency filter:HF-96HFGDE Coarse filter:HF-96LFGDE	
HFA-1080HP-XFE	1368 × 400 × 394	AVA-48HJFDL	G4+F7+F9	
HFA-3000HP-XFE	1236 × 400 × 502	AVA-76~114HJFDL	G4+F7+F9	

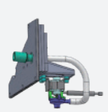
3D Air-flow Panel

Panel Model	Applicable Models	Dimensions (H × W × D) mm	Picture
HP-CB-NA	Ceiling ducted (AC/DC low-height) AVE-05/07/09/12*	180 × 740 × 70	
HP-DB-NA	Ceiling ducted (AC/DC low-height) AVE-15/17*	180 × 950 × 70	
HP-EB-NA	Ceiling ducted (AC/DC low-height) AVE-19/22/24*	180 × 1220 × 70	

AirPure Kit

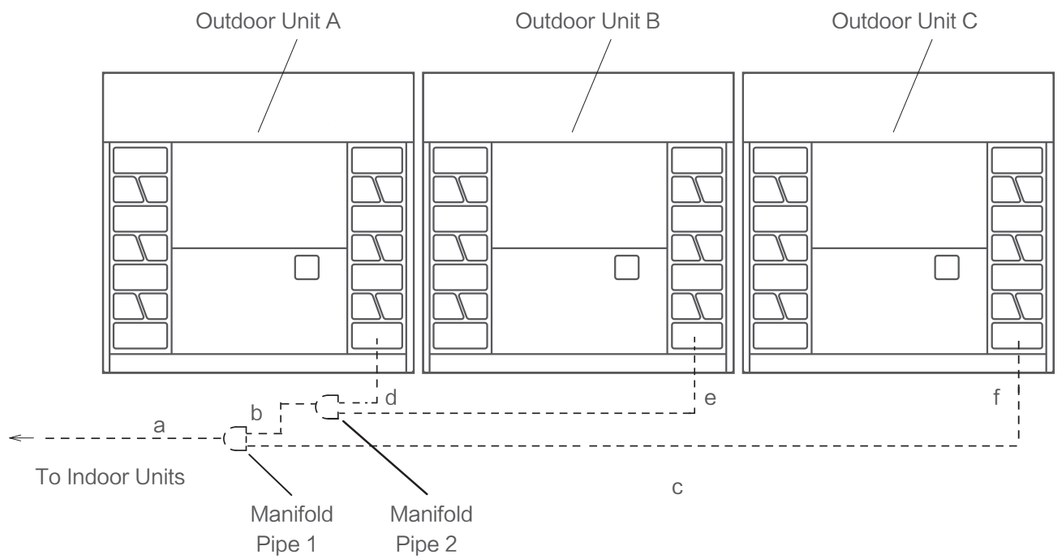
Model	Power Supply	Applicable Models	Picture
HJK-ELZA	AC 1Φ, 220V~240V 50/60Hz	4-Way Cassette, Mini 4-Way Cassette	
HJK-ELZB	AC 1Φ, 220V~240V 50/60Hz	Ceiling Ducted, Console	

Drain Pump

Model	Applicable Models	Power Supply	Picture		
HPS-F133E	AVD-07~24HJDH / AVD-07~24HCFCH / AVD-07~24HCFCL	220-240V/50Hz	 HPS-F133/363/134/364E	 HPS-F8103E	 HPS-151#E
HPS-F363E	AVD-24HJDH1 / AVD-30~54HJDH / AVD-27~54HCFCH / AVD-27~54HCFCL				
HPS-F134E	AVD-07~24H3FCH	208-230V/60Hz			
HPS-F364E	AVD-27~54H3FCH				
HPS-F8103E	AVD-76/96HJDH	220-240V/50/60Hz			
HPS-151#E	All types of indoor units except wall mounted.	220-240V/50/60Hz			

NFC

Model	Applicable Models	Picture
HNFC-EA1	AVWT-76~1029HKF5S	



Manifold Pipe (For outdoor unit)

(Indoor Unit on Left Side)

Outdoor Unit	AVWT-366~444HKF5S	AVWT-464~686HKF5S	AVWT-714~790HKF5S	AVWT-807~843HKF5S	AVWT-864~1029HKF5S
Manifold Pipe1	HFQ-M32F	HFQ-M462F	HFQ-462F	HFQ-M682F	HFQ-682F
Manifold Pipe2	-	-	HFQ-M462F	HFQ-M462F	HFQ-M462F

Branch Pipe (For indoor unit)

First Branch Pipe

Outdoor Unit HP	8 to 10	12 to 16	18 to 24	26 to 46	48 to 82	84 to 108
Branch Pipe	HFQ-102F	HFQ-162F	HFQ-242F	HFQ-302F	HFQ-562F	HFQ-682F

First Branch Pipe~Last Branch Pipe

Total Indoor Unit Hp	Lower than 6	6 to 8.99	9 to 11.99	12 to 15.99	16 to 17.99	18 to 25.99	26 to 35.99	36 to 47.99	48 to 57.99	58 to 83.99	Over 84
Gas (mm)	15.88	19.05	22.2	25.4	28.6	28.6	31.75	38.1	41.3	44.5	50.8
Liquid (mm)	9.53	9.53	9.53	12.7	12.7	15.88	19.05	19.05	22.2	22.2	25.4
Branch Pipe	HFQ-102F	HFQ-102F	HFQ-102F	HFQ-162F	HFQ-162F	HFQ-242F	HFQ-302F	HFQ-302F	HFQ-462F	HFQ-462F	HFQ-682F

Last Branch Pipe~Indoor Unit

Indoor Unit	Pipe Size (Φmm)		Max. Liquid Pipe Length
	Gas Pipe	Liquid Pipe	
7kBtu/h~14kBtu/h	12.70	6.35*1	40
17kBtu/h~18kBtu/h	15.88	6.35*1	40
22kBtu/h~54kBtu/h	15.88	9.53	40
76kBtu/h	19.05	9.53	40
96kBtu/h	22.20	9.53	40

Note：1. When liquid pipe length of indoor unit (07~18kBtu/h) is more than 15m, please change the liquid pipe dimension from Φ6.35 into Φ9.53.