

Hisense

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CE CB HCAC-VRF-H5neo202602GB

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Hisense HVAC



Hi-Smart 

Install Less, Achieve More



Reimagine your solution

GLOBAL NETWORK

Hisense is a global corporation with its presence in 160 countries and regions worldwide, with over 100,000 employees, 26 R&D centers, 34 industrial parks, 66 overseas companies and 6 AC training centers. Hisense covers different industry divisions and product groups, from consumer electronics, home appliances, IT solutions to real estate business. Driven by the vision to become a reliable, century-old enterprise, we are committed to delivering intelligent solutions that enhance the life quality and well-being of our consumers.


100000+
Employees


101
Laboratories


4916
Authorized Patents


8000+
Doctoral And Master's Degree Holders


300+
Testing Equipments


7
Technological Invention Award



- ▼ Industrial Park
- R&D Center



QingDao · China



ShunDe · China



SPORTS MARKETING

Hisense is committed to enhancing global brand awareness through a visionary, long-term sports marketing strategy. By successfully sponsoring UEFA EURO and FIFA World Cup, Hisense has brought cutting-edge technologies and passion for sports to fans worldwide. With every tournament, Hisense connects millions, inspires excellence, and drives innovation.

Promote Sponsorship of Sport Events to Enhance Global Image



Global Official Partner of UEFA EURO 2016™



Global Official Sponsor of FIFA World Cup Russia 2018™



Global Official Partner of UEFA EURO 2020™



Global Official Sponsor of FIFA World Cup Qatar 2022™



Global Official Partner of UEFA EURO 2024™



Global Official Sponsor of FIFA Club World Cup 2025™



Global Official Sponsor of FIFA World Cup 2026™

Global Official Sponsor of FIFA World Cup 2026™



Innovating A Brighter Life

2026

Global Official Partner of UEFA EURO 2024™



Beyond Glory

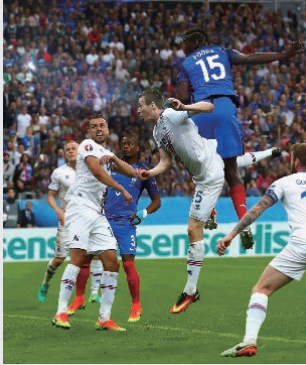
2024

Global Official Partner of UEFA EURO 2020™



2020

Global Official Partner of UEFA EURO 2016™



2016

Official Premium Partner of FC Schalke 04



www.hisense.de

Official Sponsor Of Australian Open



2014

Global Official Sponsor of FIFA Club World Cup 2025™



OWN THE Moment

2025

Global Official Sponsor of FIFA World Cup Qatar 2022™



2022

Global Official Sponsor of FIFA World Cup Russia 2018™



2018

Team Supplier to Red Bull Racing F1 Team



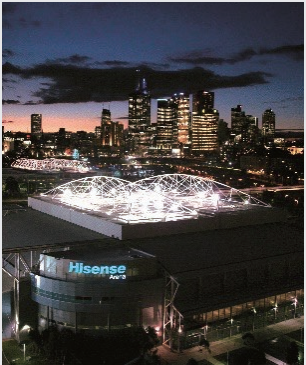
2015

Title Sponsor of Hisense 300 NASCAR Xfinity Series & Team Sponsor of Joe Gibbs Racing



2015

Official Naming Rights to Hisense Arena



2008

HVAC MANUFACTURING

Hisense HVAC is an industry-leading brand that integrates product development, manufacturing, sales, and after-sales service for heating, ventilation, and air conditioning equipment. Its R&D centers, manufacturing bases, and training centers are deployed globally to better serve our customers worldwide. Hisense HVAC is committed to providing excellent products and solutions, contributing to improved air quality for people and advancing green and low-carbon development for the planet.



 Qingdao, China



1,171,000 m²
Manufacturing Area



 Jiangmen, China



80+
Production Line



 Huzhou, China



30,000,000 units/y
Production Capacity



 Thailand



16,700 m²/70+
Laboratory



The Guiding Light of Manufacturing
The World's First
VRF Dual-Lighthouse Factory

Smart Manufacturing

Automated Welding

- 57% reduction in welding defects
- Multi-spot welding

Automatic Production

- 1st horizontal inclined automatic tube insertion machine in the industry
- 17 AI High-precision cameras visual guidance

Automated Assembly

- Industry-1st intelligent detection, selection and assembly system
- Labor-saving & error-reducing

Smart Supply Chain

26.66 Average lead days for export order

AI-powered Workflow

- GenAI-based employee assistant
- Real-time alerts and automated tracking
- Scenario analysis and decision recommendation

Agile Delivery

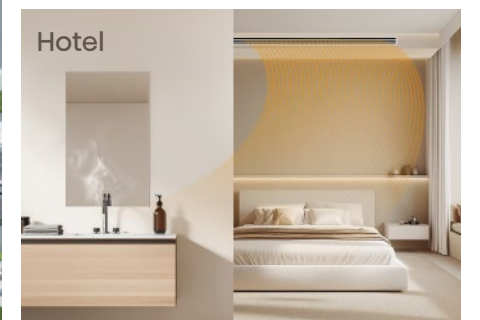
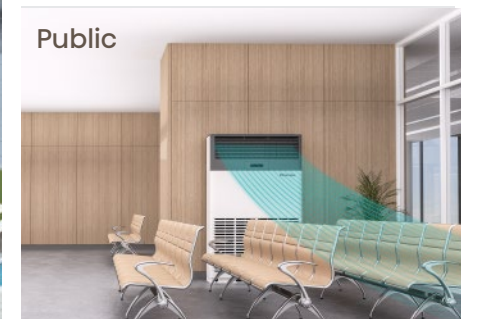
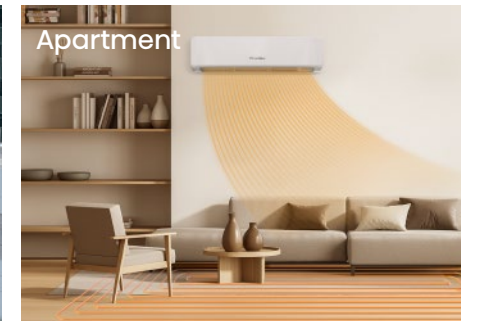
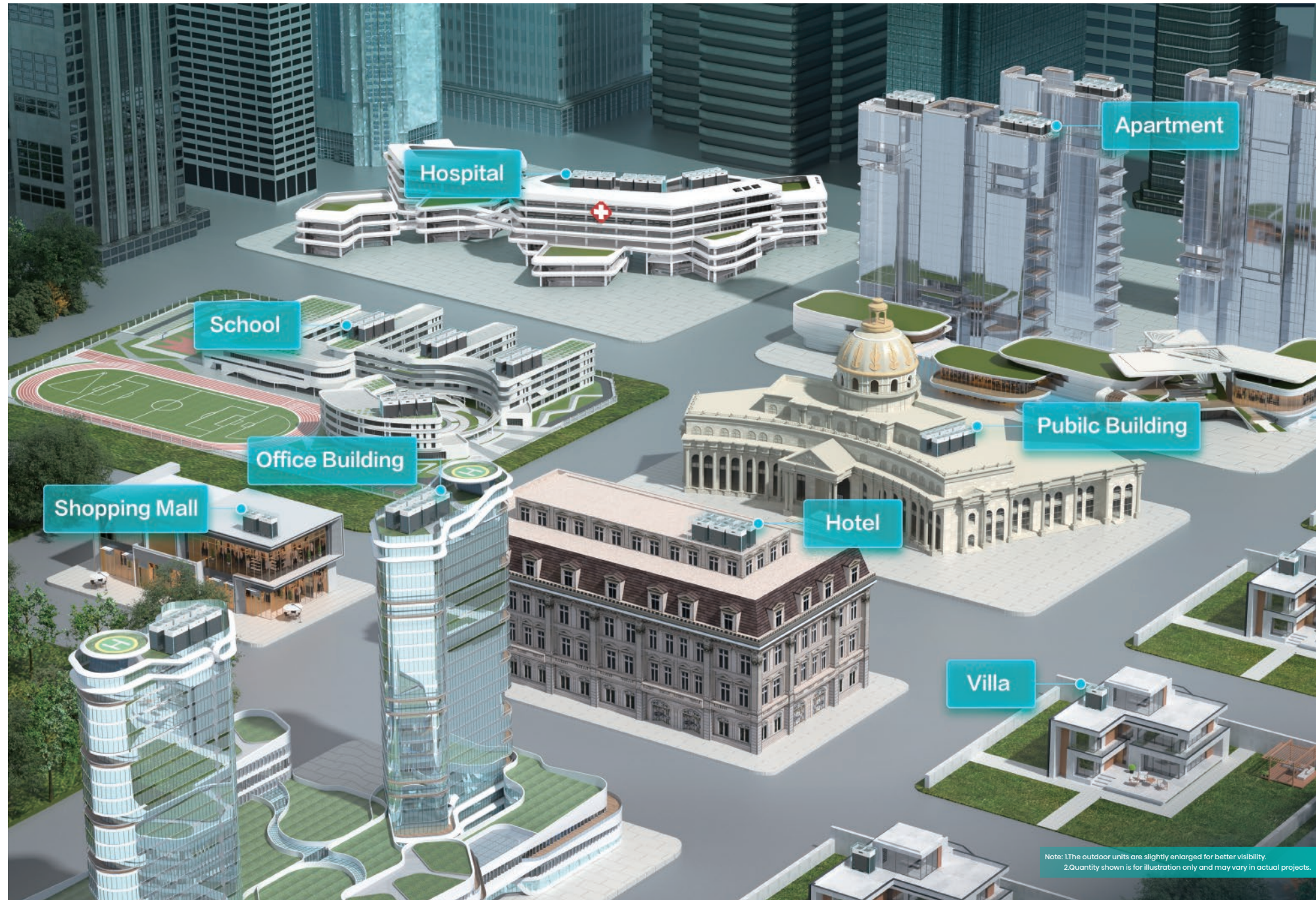
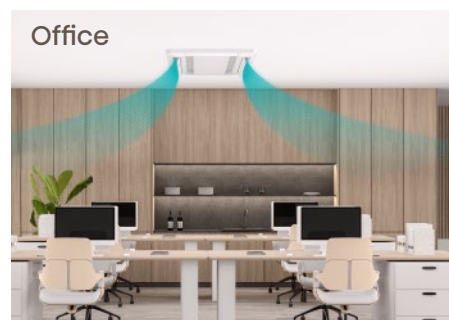
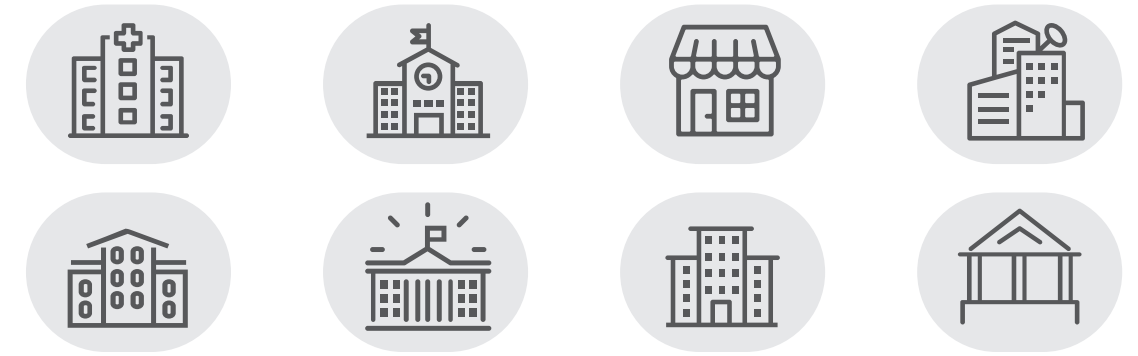
- KPI-driven digital twin operation platform
- AI-powered demand forecasting
- Data-based production planning

Assured Global Logistics

- 8 large overseas warehouses
- All-round logistics service system
- Strategic partnerships with global leading freight companies

APPLICATION SOLUTIONS

Each application has unique requirements, so there is no one-size-fits-all solution. To ensure optimal performance and user satisfaction, it is essential to select the most suitable units for each scenario, considering factors such as room size, usage patterns, and environmental conditions. By addressing these diverse needs, Hisense always delivers tailored solutions that maximize comfort and efficiency.



Note: 1.The outdoor units are slightly enlarged for better visibility.
2.Quantity shown is for illustration only and may vary in actual projects.

iCare SUPPORT

Hisense HVAC is dedicated to delivering comprehensive air conditioning solutions and supporting customers at every stage—from product development and pre-sales consultation, to quotation, purchase, installation, commissioning, user experience, and after-sales service. With iCare support, Hisense HVAC further strengthens our commitment to customer satisfaction.



Informative Platform

Hisense has built the technical platform matrix which includes the product selection software, CAD Hi-Design software, BIM, service platforms GCSS, GSD, GKP, etc.



Customer-oriented Localization

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.



Accessible Training

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.



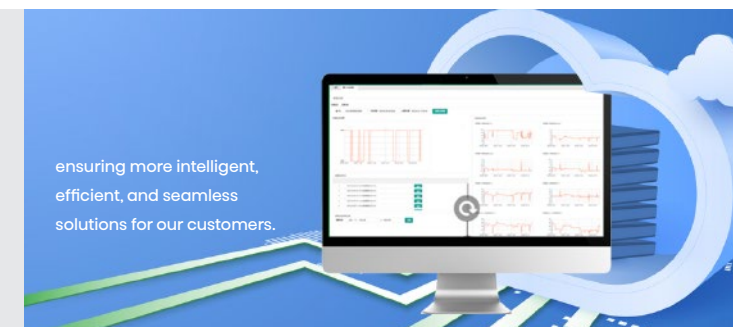
Reliable Service

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



Excellent User Experience

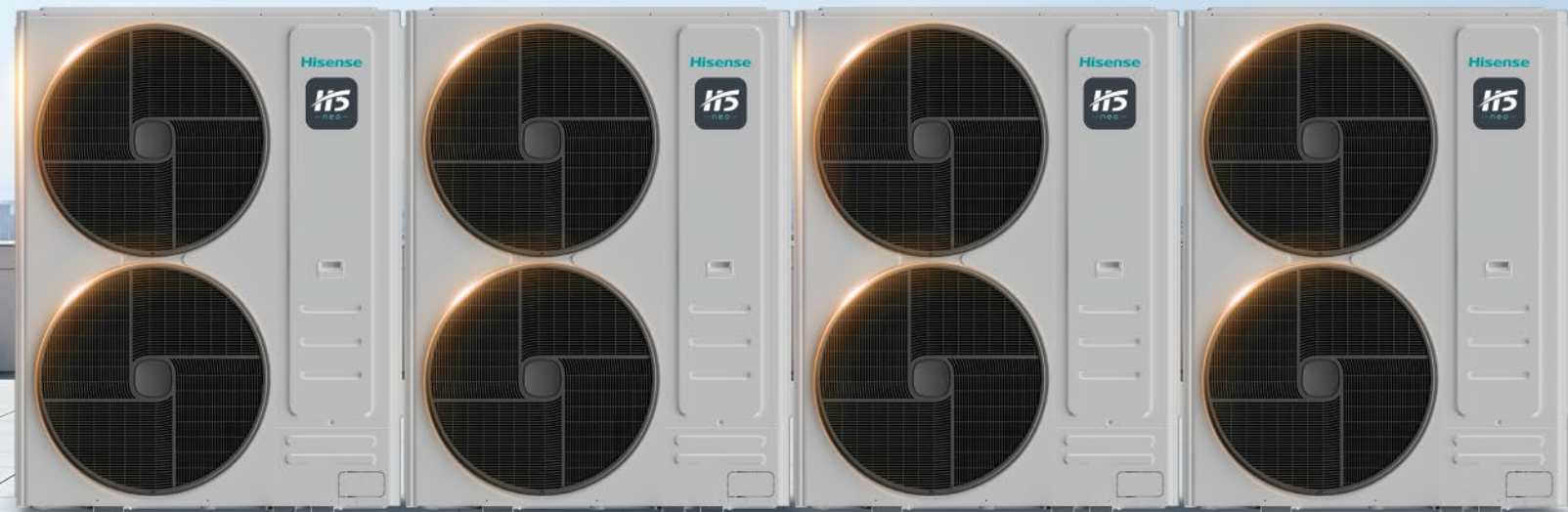
Hisense not only serves as the business's service provider but also delivers outstanding products designed to enhance user experience. By promoting the application of Cloud AI and NFC technologies, Hisense ensures more intelligent, convenient, and seamless solutions for our customers.



Hi-Smart

Install Less, Achieve More

Hi-Smart H5 neo series offers an unprecedented combination of benefits: a four-module combination capable of up to 72 HP, delivering performance on par with large top-flow units, all within slim, modular units that can be installed virtually anywhere. This innovation optimizes HVAC design, particularly for projects where space for outdoor units is limited.



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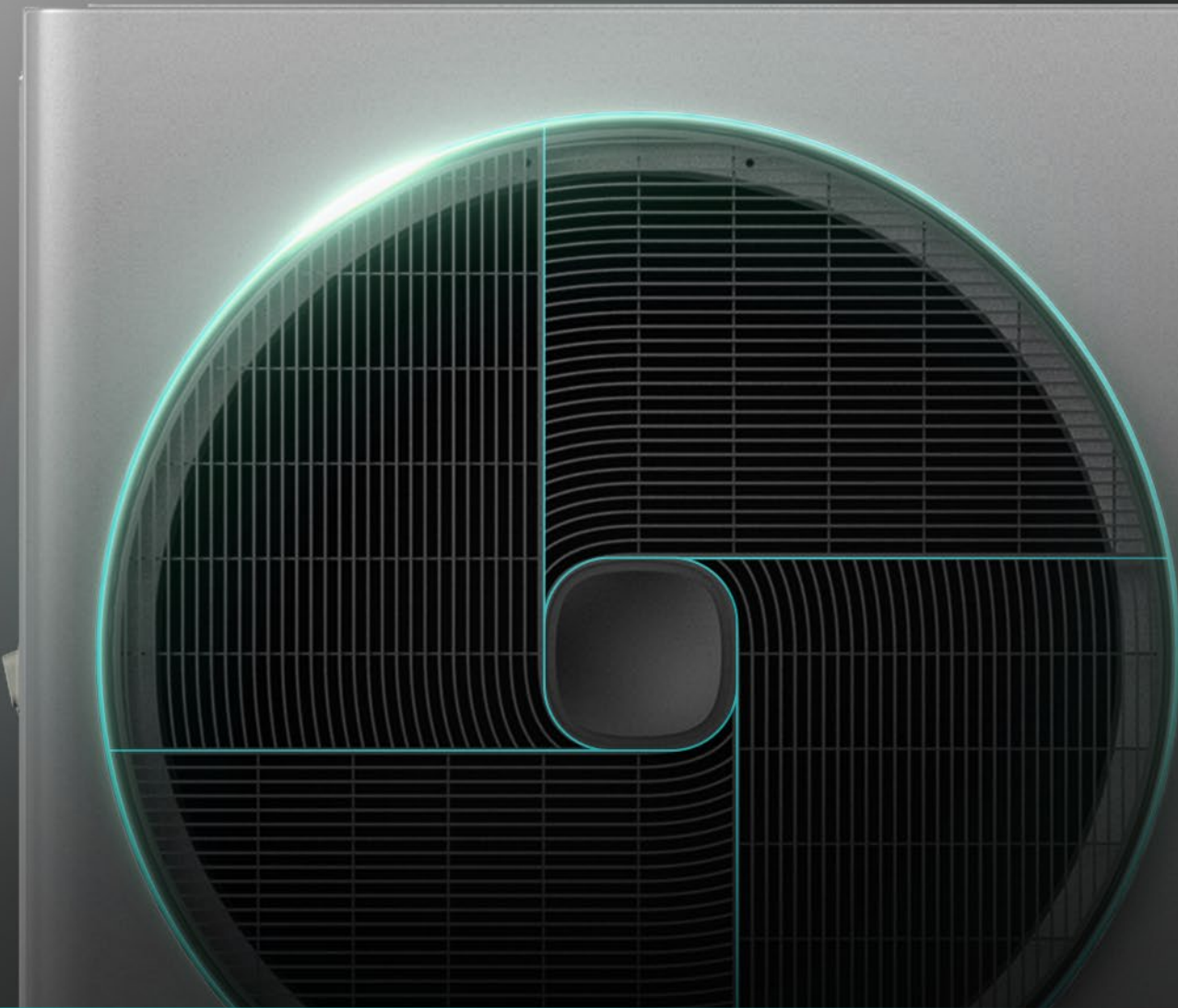
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Aesthetic

Transforming Technology into Art



Sleek Design

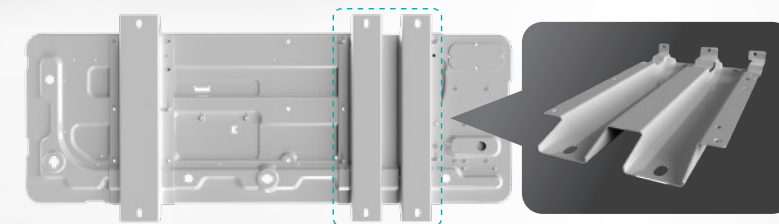
The Hi-Smart H5 neo series reflects the company's core values of "Beauty, Symmetry, and Unity" with its design that integrates squares and circles. This geometric fusion represents stability and harmony, demonstrating Hisense's dedication to aesthetic equilibrium. The goal is to craft a visually appealing and engaging experience, transforming technology into an art.



Essential Components for Ultimate Comfort

Integrating vital components—a well-ventilated grille, a fan, and a motor for efficient airflow, precision-engineered heat exchangers, and a powerful compressor—in perfect harmony, the Hi-Smart H5 neo series brings you superior comfort with the technological refinement inherent in Hisense HVAC.

- 1 Grille**
Geometric aesthetics of "Square and Circle"
- 2 Axial Fan**
Wide diameter fan, air volume increased by 44%
- 3 Fan Motor**
Step-less DC motor for precise speed regulation
- 4 Motor bracket**
Strength increased by 1.33 times
- 5 Electrical Box**
Integrated electrical box to achieve stable operation
- 6 Compressor**
Enhanced vapor injection compressor for high efficiency
- 7 Heat Exchanger**
Brand new dark-gray anti-corrosion fins
- 8 Gas-liquid Separator**
maintain the system's efficient operation and balance of oil levels



- 9 W-shaped pedestal**
Industry-first, strength increased by 50%

EER up to
3.79

COP up to
4.81



Efficiency

Maximized Efficiency, Minimized Costs



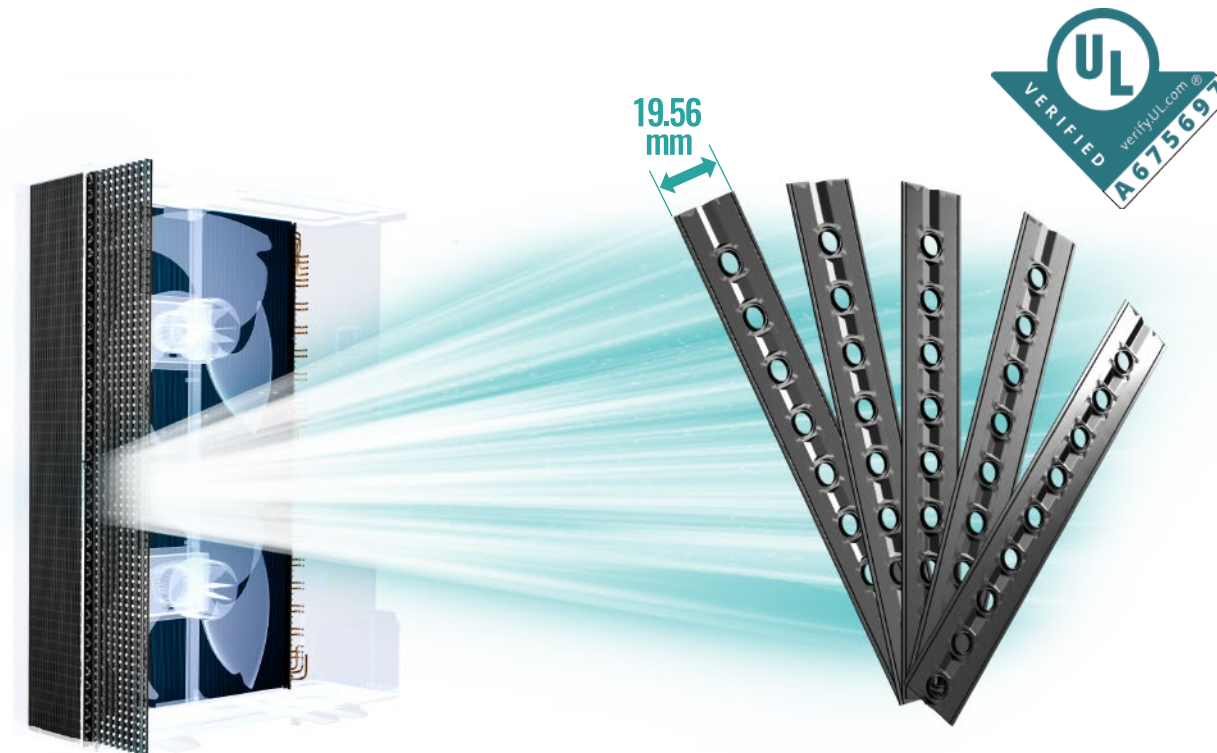
EVI Rotary Compressor

Hisense EVI rotary compressor uses a reinforced, multi support shaft and enhanced oil return to run smoothly and reliably for a long time. Its enhanced vapor injection increases refrigerant flow during operation, boosting heating capacity and stability in low temperature conditions.



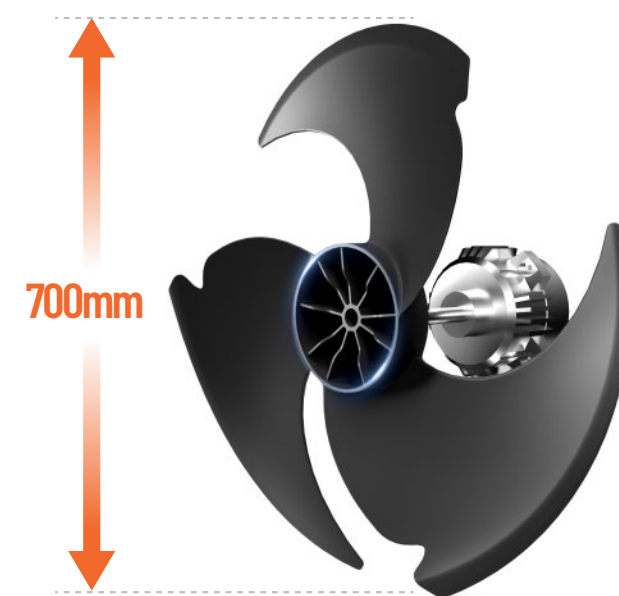
New Corrugated Fin

We are dedicated to the innovation of fin technology. The Hi-Smart H5 neo series utilizes the latest dark-gray corrugated fins, with a fin width of 19.56mm, which enhances the defrosting performance of the heat exchanger and increases the heating capacity by 10%. Additionally, the use of dark-gray fins significantly improves the anti-corrosion performance of the outdoor unit.



Wide Fan with DC Motor

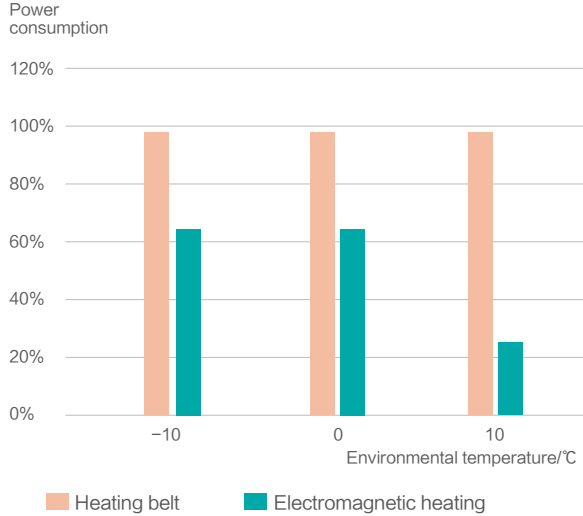
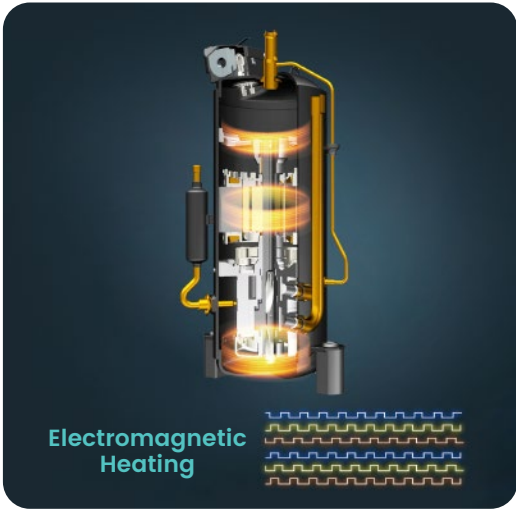
The outdoor unit features a new generation of wide-diameter fans, with the fan diameter increased from 544mm to 700mm. This upgrade results in a 44% increase in airflow at the same rotational speed, enhancing energy efficiency at lower speeds and boosting cooling capacity at higher speeds. Additionally, the unit is equipped with a DC inverter motor that enables precise speed control, ensuring stable and efficient operation.





Electromagnetic Heating Technology

Featuring Hisense's proprietary electromagnetic heating technology, the need for an external electric heating belt is eliminated. This innovation heats the lubricating oil directly within the compressor's fixed rotor, reducing heat loss and enhancing heating efficiency. As a result, it significantly reduces the low-temperature preheating time and can lower power consumption by up to 74%.





1W Standby Mode

During long-term standby periods such as holiday or transition season, traditional devices often result in unnecessary energy waste. Hisense H5 neo series tackles this issue with its innovative 1W standby mode and circuit design, which not only saves on your electricity bills but also contributes to environmental protection, making the H5 neo series a smart choice for both your wallet and the planet.



Transition season



Holiday

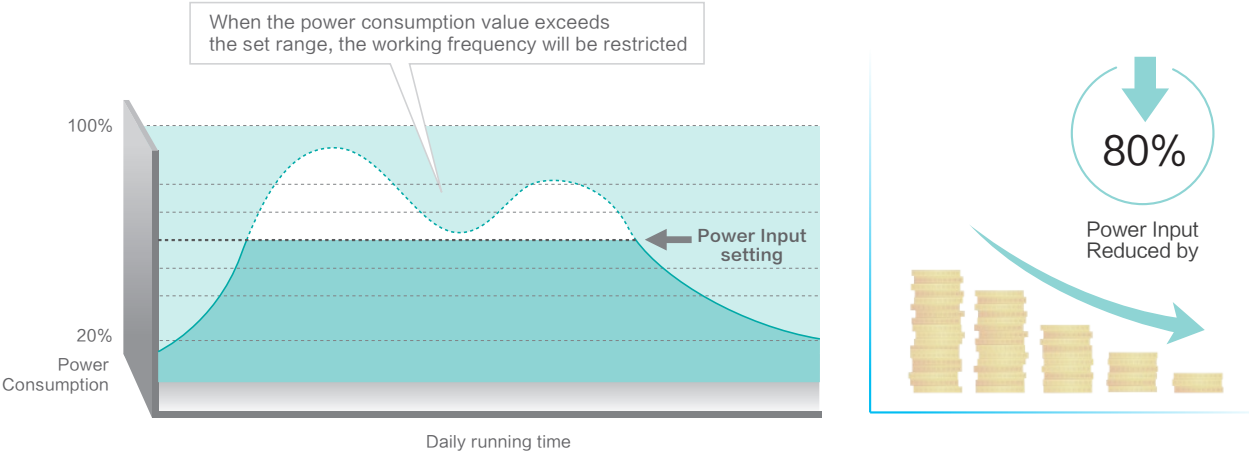


Note: Limited functionality in standby mode, only supports wake-up via wired controller or centralized control.



Energy-saving Mode

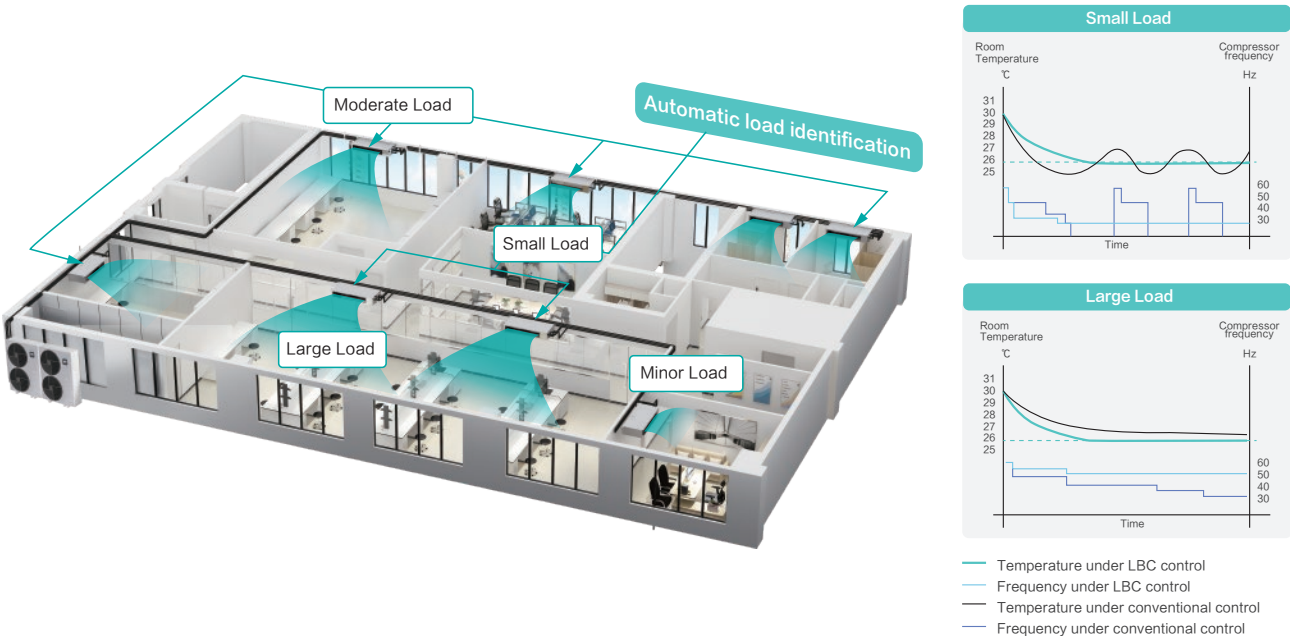
The Energy-saving Mode is an outstanding feature that optimizes the capacity output of the VRF system based on peak and off-peak electricity rates or restriction conditions, enabling energy-efficient operation without compromising comfort. The Energy-saving Mode offers a wide adjustment range (20%–100%) and can achieve precise control in 1% increments.





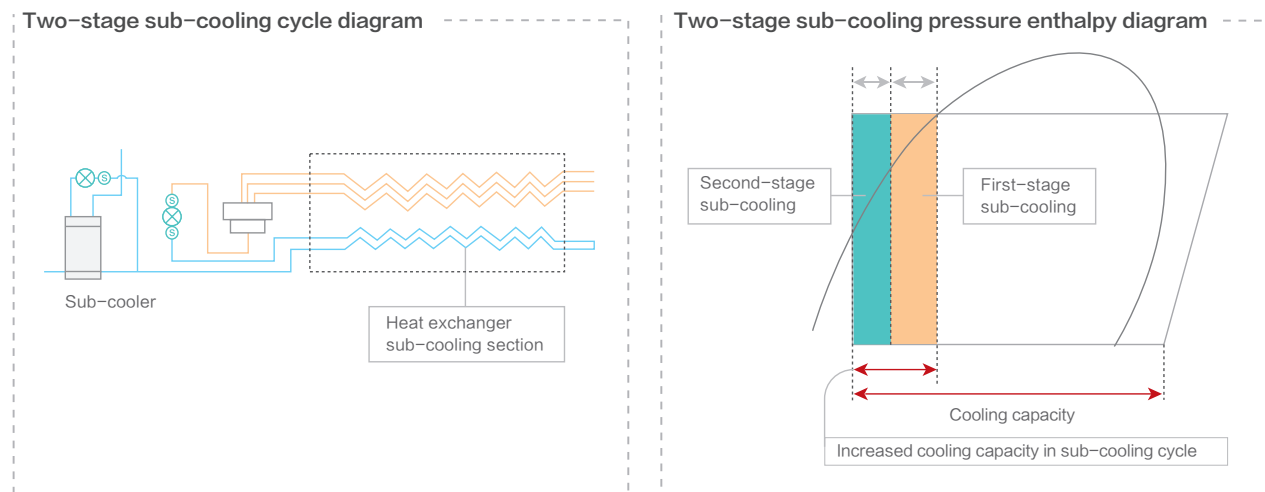
LBC Load Balancing Control (LBC) Technology

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%.



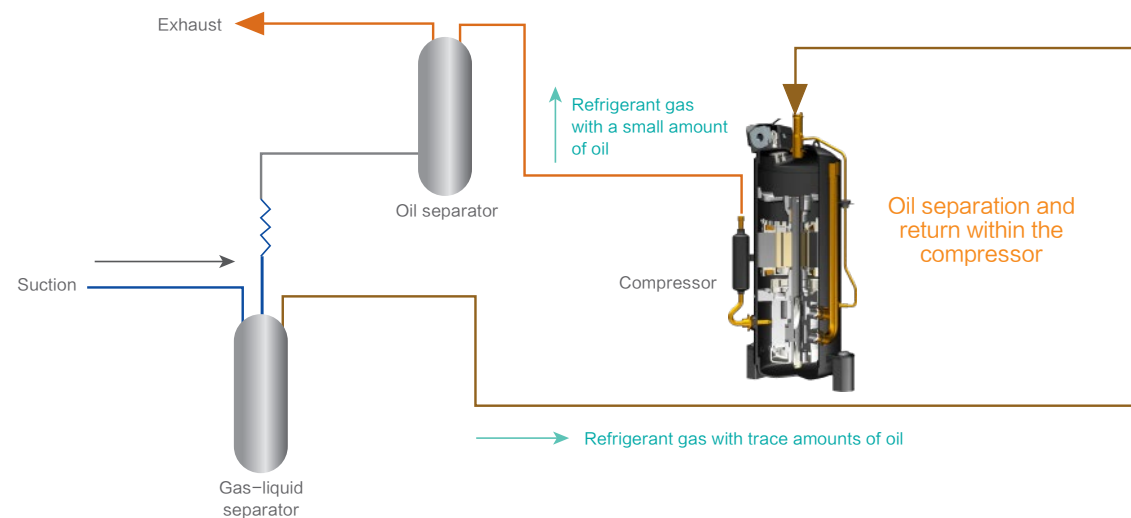
Two-Stage Subcooling

The Hi-Smart H5 neo series utilizes a high-efficiency flow channel dual-metallic plate heat exchanger as a sub-cooler. Compared to conventional plate heat exchangers, it has a smaller volume, less heat exchange loss, superior heat exchange performance, and better subcooling performance.



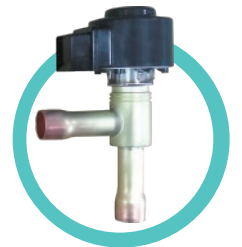
Multiple Oil Control

Hisense utilizes advanced multi-stage oil separation technology and oil return control technology, achieving a system oil return rate of up to 99.99%, ensuring a safe oil level for the compressor, thereby ensuring the long-term safe and reliable operation of the unit.

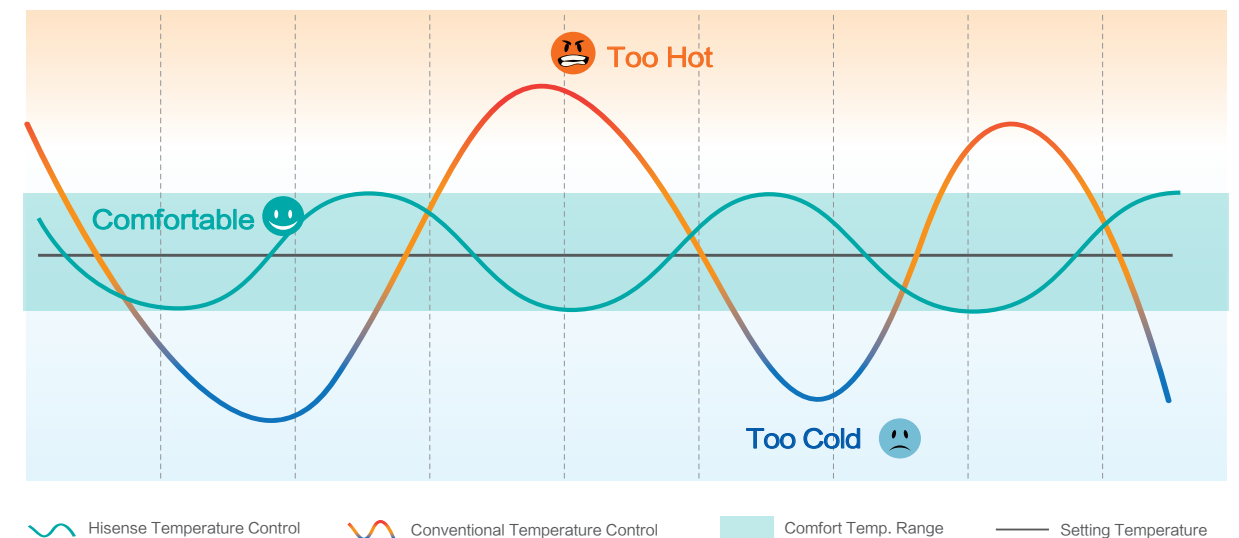


High-precision EEV

The outdoor unit is equipped with high-precision electronic expansion valves with 3000-step adjustment, enabling more precise control of refrigerant flow and reducing indoor temperature fluctuation. At the same time, this greatly reduces the system's operational power consumption.

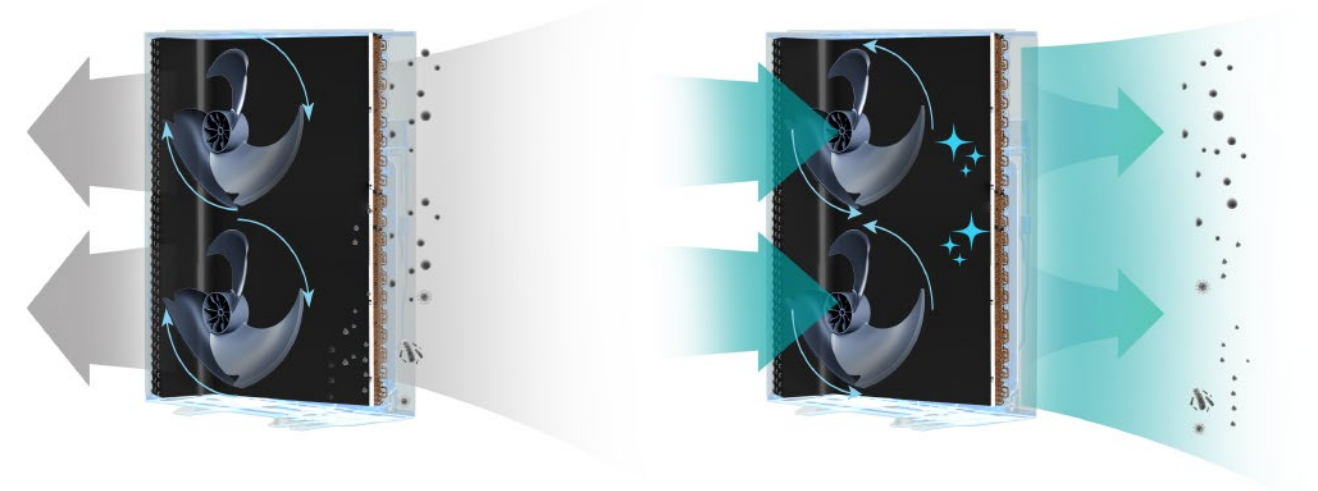


3000-step EEV



Dust-cleaning Technology

Keep your air conditioner performing at its best with Hi-Smart H5 neo's innovative dust-cleaning technology. Our outdoor fan reverses direction to efficiently remove accumulated dust, reducing air resistance and maintaining optimal heat exchange. Experience uninterrupted comfort for the long run with Hi-Smart H5 neo series.



Max. External Static Pressure
60Pa



Flexibility

Scenario Versatility & Installation Simplicity

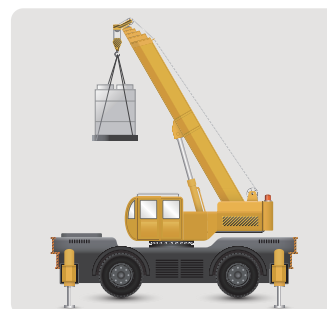


Less weight, Easier Transportation

The Hi-Smart H5 neo unit features a slim design that is 28% lighter than the last generation top-flow unit for the same capacity, which allows it to be flexibly installed in tight spaces while also reducing product transportation and installation costs.



H5 neo side-flow VRF:
Units fit easily into an elevator.

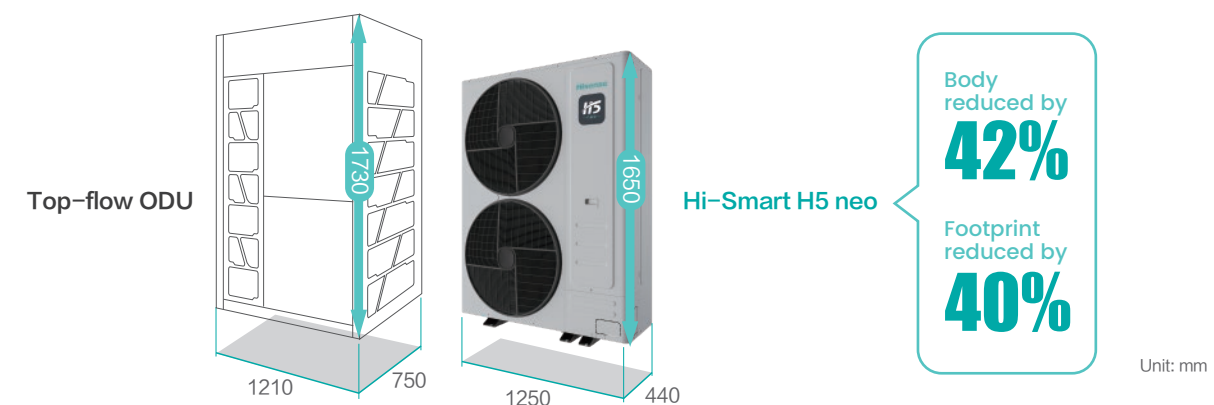


Conventional top-flow VRF:
Units cannot be lifted by humans.
A crane is necessary.



Slim and Compact Footprint

The H5 neo unit, with its smaller footprint and compact body compared to the last generation top-flow unit for the same capacity, enables the utilization of the saved rooftop space for a green roof. This enhances the building's aesthetics.



Anywhere & Everywhere

Thanks to its slim modular design, H5 neo offers unrivaled flexibility of installation location. Save your building's most valuable area, and place H5 in the small narrow spaces of your building. On the rooftop, balcony, or indoors; you choose!



Ground



Indoor



Rooftop



Balcony

Wide Range of Connectable Indoor Units

Available for Hi-Smart H5 neo series VRF system, our extensive range of indoor units comprises multiple to provide additional design flexibility.



Long Piping for Design Flexibility

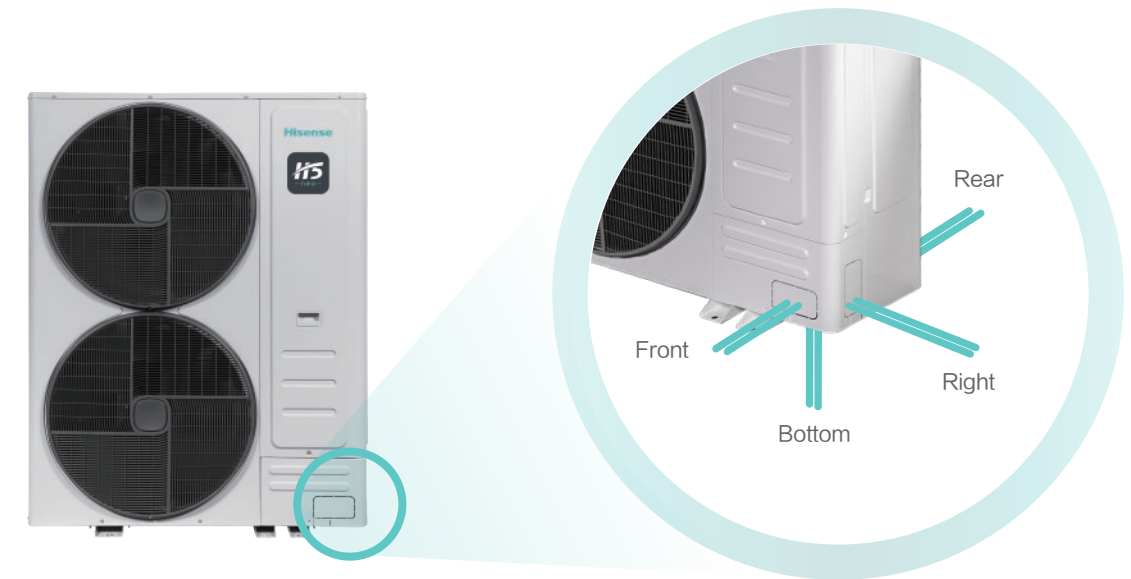
The Hi-Smart H5 neo series provides long piping length possibility of 175m, with a total piping length of 500m. The height difference between IDU and ODU can be up to a maximum of 50m. These generous allowances facilitate system design and better adapts your building layout.



*Note: 40m if the outdoor unit is below the indoor unit.

Four-way Piping Connection

The Hi-Smart H5 neo series is not hindered by installation restrictions on site, thanks to its flexible piping directions, which include front, bottom, right, and rear connections.



NFC Module (optional)

The Hi-Smart H5 neo series supports the optional NFC module, allowing service engineers to simply touch their phones to the unit's NFC module to read operational data and diagnose system faults through an app, making service work more convenient and intelligent.





Automatic Refrigerant Management

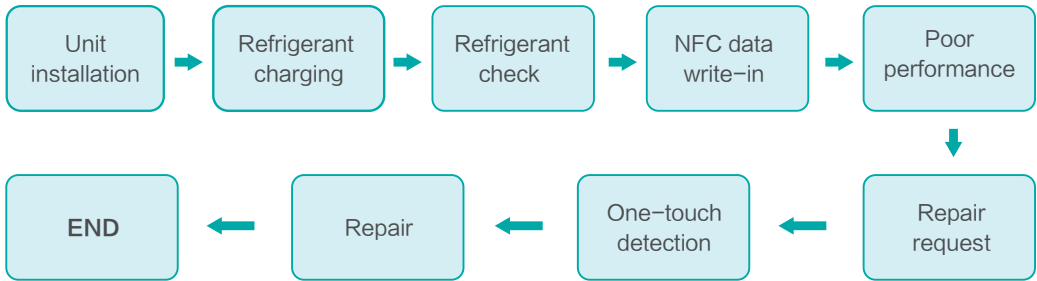
Refrigerant self-charging

The Hi-Smart H5 neo 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

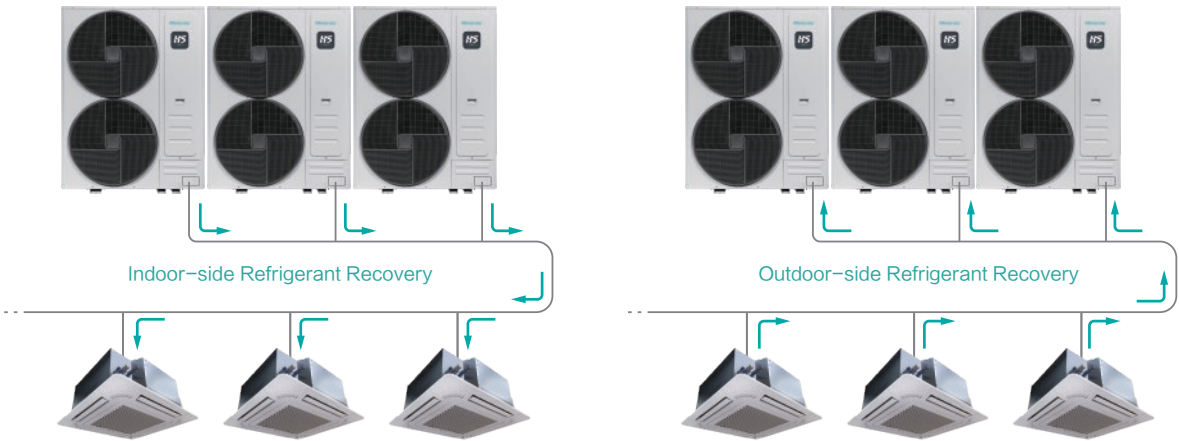
Conduct one-touch detection to identify the refrigerant leakage quickly in case of poor cooling and heating performance, so as to improve the maintenance convenience and efficiency.





Automatic Refrigerant Recovery

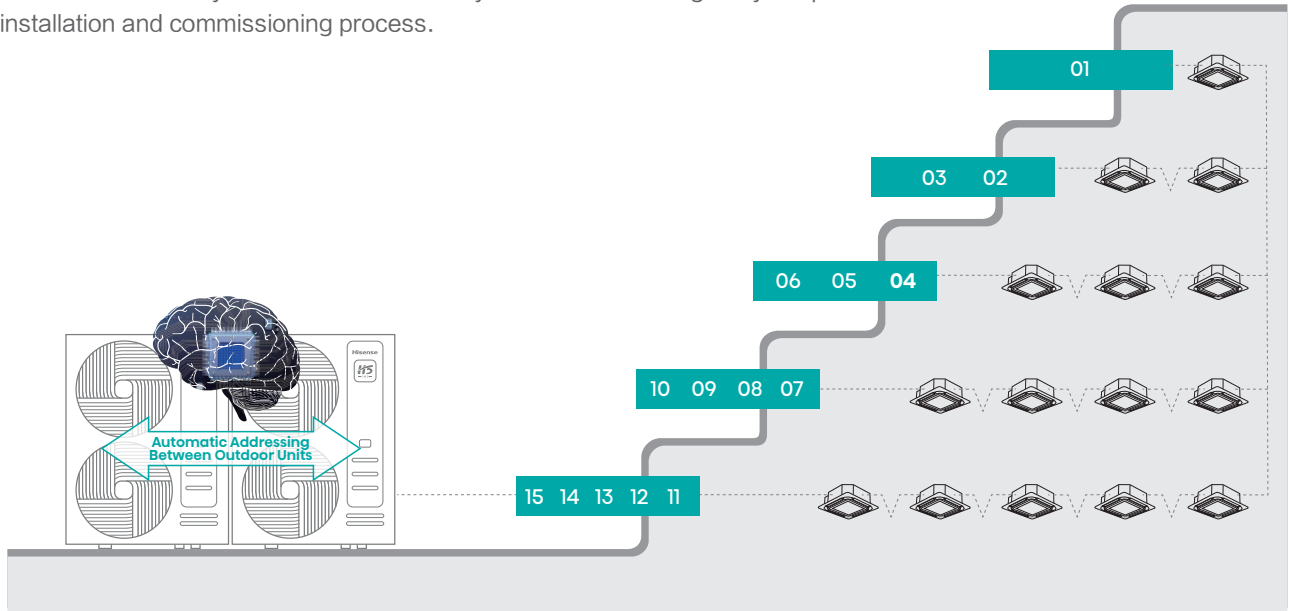
During maintenance or fault conditions, refrigerant can be flexibly recovered between indoor units and outdoor modules. This function simplifies service procedures, reduces refrigerant waste, and improves maintenance efficiency while minimizing system downtime.





Automatic IDU Addressing

The system can automatically distribute addresses for outdoor units and indoor units, no need to manually set the address one by one. This feature greatly simplifies the installation and commissioning process.





One-touch Test Run

Test run is an essential part of commissioning to ensure the HVAC system in a building operates steadily and safely. Hisense VRF simplifies this process by allowing test runs to be initiated with just a button on the PCB or from the controller and phone.



Note: NFC test run is optional for H5 neo series.

Wide operation range -30°C to 58°C



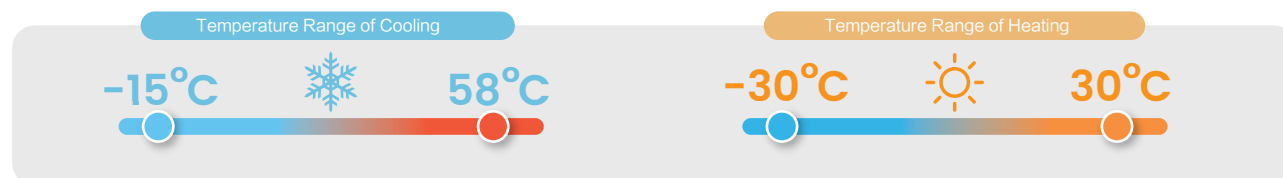
Reliability

Stable Performance



Wide Operation Range

The Hi-Smart H5 neo series boasts a wide operating temperature range, with cooling operations ranging from -15°C to 58°C DB and heating operations from -30°C to 30°C WB. Such a broad range ensures reliable performance in diverse conditions.



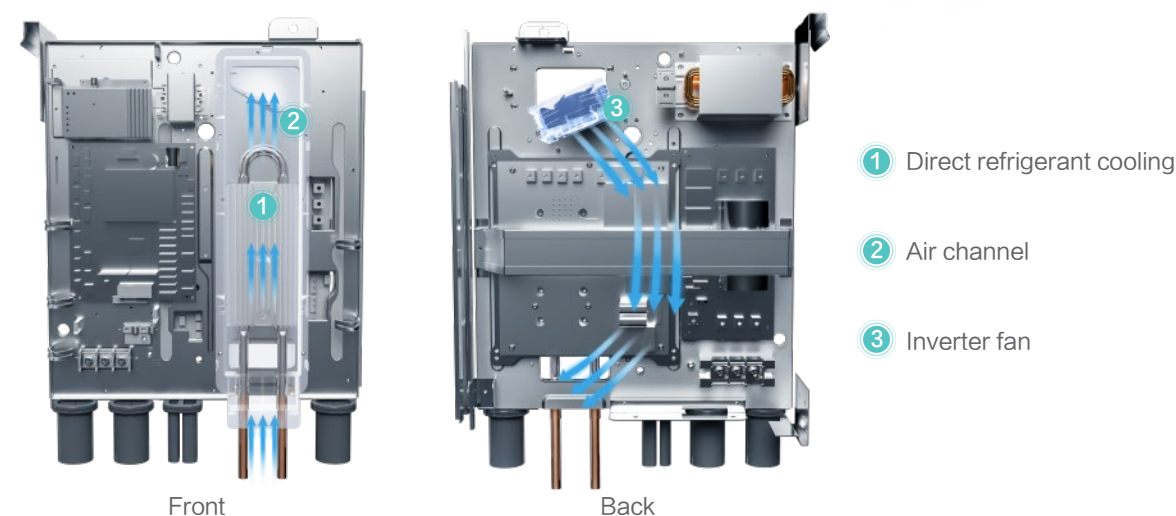
Electrical Control Box Cooling 2.0

Hi-Smart H5 neo series has fully upgraded its electrical module cooling technology with an independent air channel inside the electrical control box, coupled with direct refrigerant cooling and Integrated air cooling technologies. These triple cooling solutions ensure the unit operates stably and efficiently in high-temperature environments.



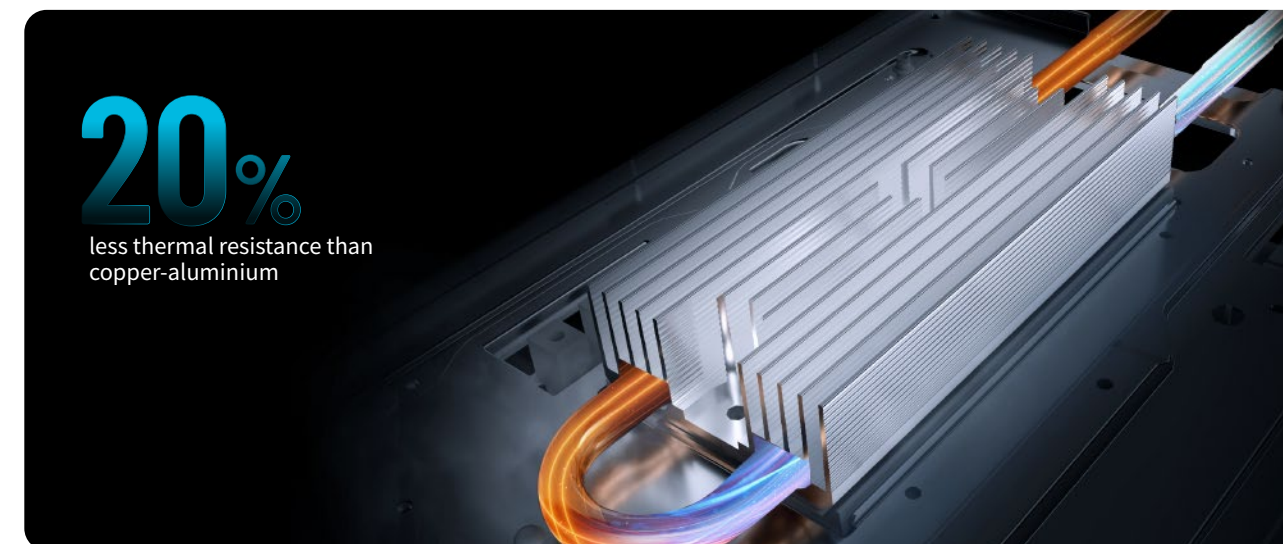
Integrated Air Cooling

The combination of an inverter fan, a direct refrigerant cooling module, and a built-in independent air channel constitutes an integrated air-cooling solution. The innovation of combining fan air supply with direct refrigerant cooling can lower the internal temperature of the electrical box by 5-10°C compared to traditional air-cooling methods.



Direct Refrigerant Cooling

This design employs direct refrigerant cooling with corrugated fins, reducing thermal resistance by 20% compared to the previous copper-aluminum cooling, ensuring efficient operation of the inverter module and stable operation of the unit at 55°C high temperatures.



20%
less thermal resistance than
copper-aluminium

 Sealed Electric Box

The H5 neo series unit features a sealed electrical box for stable operation and a compact dual-sided module layout that saves 18% space. The top-mounted electrical box facilitates easy setup and maintenance.



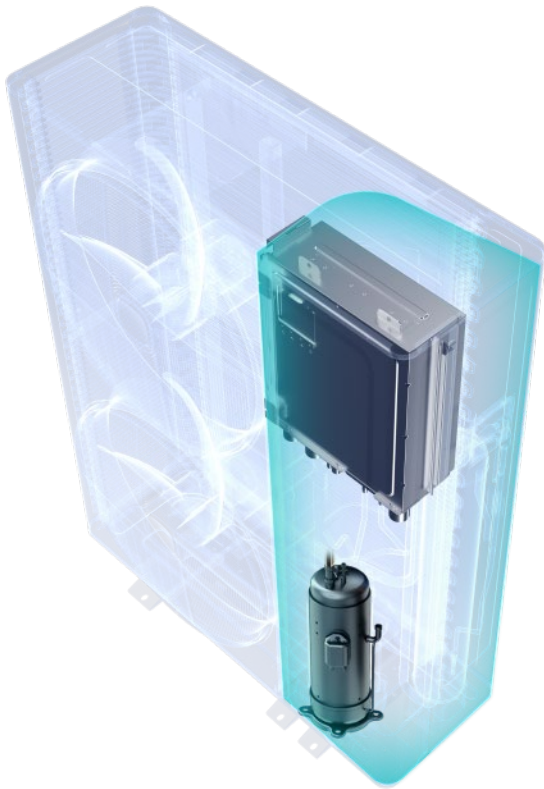
Insect Protection



Top Located



Convenient Maintenance



 Backup Operation for Emergencies



Comfort
All-around Comfort

 Low Noise Axial Fan

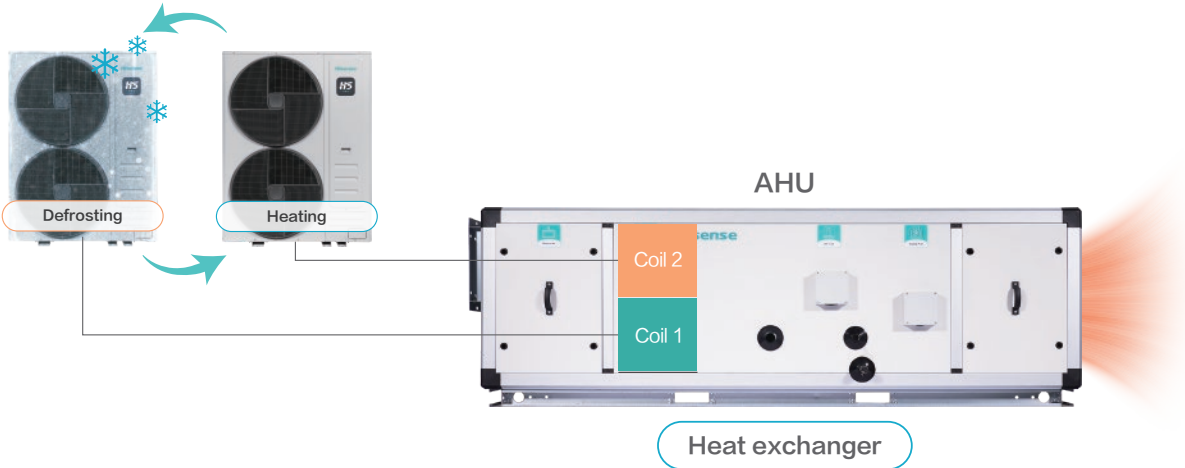
The fan incorporates a bionic structure and a concave trailing edge design, which positions the airflow closer to the fan's suction surface and minimizes radial flow. This innovative design effectively reduces the fan's air supply noise by 2.5 dB(A).





Rotating Defrost for Constant Heat

For the Hi-Smart H5 neo series with multiple systems, when the outdoor unit requires defrosting, each system will take turns to defrost. During this rotational defrost process, the indoor unit can continue to produce heat, ensuring continuous comfort for you.



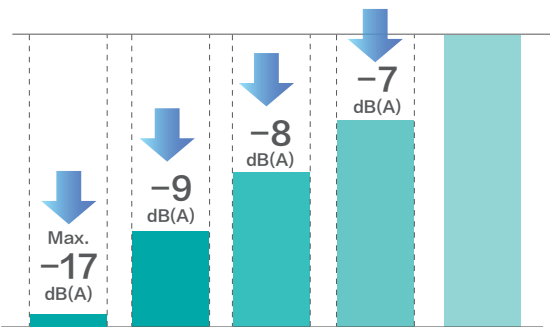


Noise Control

Low Noise Mode

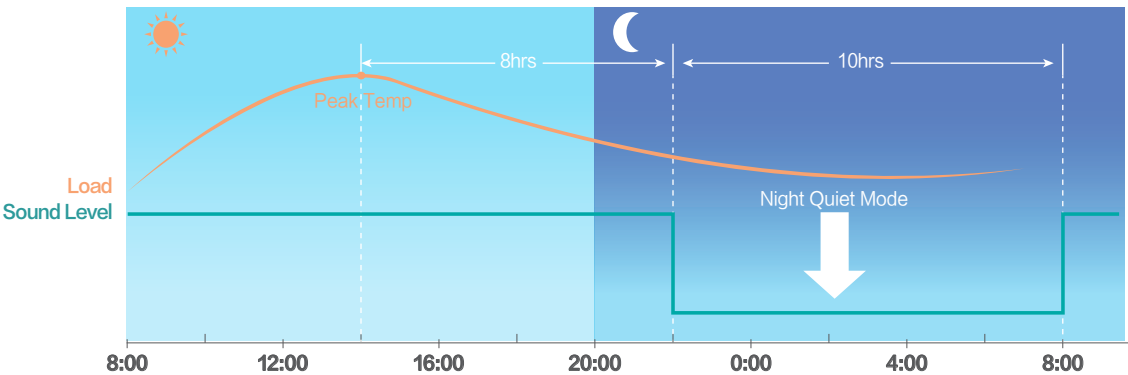
The Hi-Smart H5 neo series outdoor units feature a low-noise operation mode, which offers multiple adjustable levels. The highest level is capable of reducing noise by up to 17dB(A). Users can flexibly set this mode at any time to meet their silent requirements during various periods.

Note: The low-noise mode can be set on the outdoor unit's PCB



Auto Night Quiet Mode

Generally, people are more sensitive to noise at night. The H5 neo outdoor unit can automatically activate the night quiet mode as needed, with noise levels potentially being reduced by up to 9dB(A).



Outdoor Units



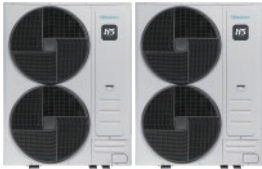
Outdoor Units



HP			14HP	16HP	18HP
Model			AVW-136HKFH5N2	AVW-154HKFH5N2	AVW-170HKFH5N2
Modules			AVW-136HKFH5N2	AVW-154HKFH5N2	AVW-170HKFH5N2
Power Supply			380-415V 3~ 50/60Hz		
Cooling (T1)	Capacity	kW	40.0	45.0	50.0
		kBtu/h	136.5	153.5	170.6
	Power Input	kW	11.07	11.87	14.16
	EER	kW/kW	3.61	3.79	3.53
Cooling (T3)	Capacity	kW	33.9	38.4	42.0
		kBtu/h	115.7	131.0	143.3
	Power Input	kW	11.15	12.38	14.58
	EER	kW/kW	3.04	3.10	2.88
Heating	Capacity	kW	40.0	45.0	50.0
		kBtu/h	136.5	153.5	170.6
	Power Input	kW	8.31	9.75	11.11
	COP	kW/kW	4.81	4.62	4.50
Ventilation	Air Flow Rate	m³/min	272	289	300
	Fan Quantity	pcs	2	2	2
	External Static Pressure	Pa	60		
Sound	Sound Pressure Level	dB(A)	59	60	61
Refrigerant	Type	–	R410A		
	Pre-charged Quantity	kg	8		
Weight	Net	kg	214	216	217
	Gross	kg	230	232	233
Dimensions	External (H × W × D)	mm	1650 × 1250 × 440		
Ref. Piping	Gas	mm	25.4	28.6	28.6
		inch	1	1-1/8	1-1/8
	Liquid	mm	12.7	12.7	15.88
		inch	1/2	1/2	5/8
Connectable Indoor Units	Quantity	pcs	28	32	36
	Connection Ratio	–	30~150%		
Piping Design	Max. Total Piping Length	m	575		
	Max. Piping Length	m (Actual)	150		
		m (Equivalent)	175		
	Height Difference Between ODU and IDU	m (ODU up)	50		
		m (ODU down)	40		
Operation Range	Height Difference Between IDUs	m	30		
	Cooling	DB	-15℃~58℃		
	Heating	WB	-30℃~30℃		

- Notes:
- 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 inlet temperature: 35℃ DB, pipe length: 7.5m, pipe height difference: 0m.
Heating Conditions: indoor air inlet temperature: 20℃ DB, outdoor air inlet temperature: 7℃ DB 6℃ WB, pipe Length: 7.5m, pipe height difference: 0m.
 - 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 0.92m from the floor level.

Outdoor Units



HP			28HP	30HP	32HP	34HP	36HP
Model			AVW-272HKFH5N2	AVW-290HKFH5N2	AVW-308HKFH5N2	AVW-324HKFH5N2	AVW-340HKFH5N2
Modules			AVW-136HKFH5N2 AVW-136HKFH5N2	AVW-136HKFH5N2 AVW-154HKFH5N2	AVW-154HKFH5N2 AVW-154HKFH5N2	AVW-154HKFH5N2 AVW-170HKFH5N2	AVW-170HKFH5N2 AVW-170HKFH5N2
Power Supply			380-415V 3~ 50/60Hz				
Cooling (T1)	Capacity	kW	80.0	85.0	90.0	95.0	100.0
		kBtu/h	273.0	290.0	307.1	324.1	341.2
	Power Input	kW	22.14	22.94	23.74	26.03	28.32
	EER	kW/kW	3.61	3.71	3.79	3.65	3.53
Cooling (T3)	Capacity	kW	67.8	72.3	76.8	80.4	84.0
		kBtu/h	231.3	246.7	262.0	274.3	286.6
	Power Input	kW	22.30	23.53	24.76	26.96	29.16
	EER	kW/kW	3.04	3.07	3.10	2.98	2.88
Heating	Capacity	kW	80.0	85.0	90.0	95.0	100.0
		kBtu/h	273.0	290.0	307.1	324.1	341.2
	Power Input	kW	16.62	18.06	19.50	20.86	22.22
	COP	kW/kW	4.81	4.71	4.62	4.55	4.50
Ventilation	Air Flow Rate	m³/min	544	561	578	589	600
	Fan Quantity	pcs	4	4	4	4	4
	External Static Pressure	Pa	60				
Sound	Sound Pressure Level	dB(A)	62	63	63	64	64
Refrigerant	Type	–	R410A				
	Pre-charged Quantity	kg	8+8				
Weight	Net	kg	428	430	432	433	434
	Gross	kg	460	462	464	465	466
Dimensions	External (H × W × D)	mm	1650 × (1250+1250) × 440				
Ref. Piping	Gas	mm	31.75	31.75	31.75	31.75	38.1
		inch	1-1/4	1-1/4	1-1/4	1-1/4	1-1/2
	Liquid	mm	19.05	19.05	19.05	19.05	19.05
		inch	3/4	3/4	3/4	3/4	3/4
Connectable Indoor Units	Quantity	pcs	57	61	64	68	71
	Connection Ratio	–	30~150%				
Piping Design	Max. Total Piping Length	m	575				
	Max. Piping Length	m (Actual)	150				
		m (Equivalent)	175				
	Height Difference Between ODU and IDU	m (ODU up)	50				
		m (ODU down)	40				
Operation Range	Height Difference Between IDUs	m	30				
	Cooling	DB	-15℃~58℃				
	Heating	WB	-30℃~30℃				

- Notes:
- 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 inlet temperature: 35℃ DB, pipe length: 7.5m, pipe height difference: 0m.
Heating Conditions: indoor air inlet temperature: 20℃ DB, outdoor air inlet temperature: 7℃ DB 6℃ WB, pipe Length: 7.5m, pipe height difference: 0m.
 - 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 0.92m from the floor level.

Outdoor Units



HP			42HP	44HP	46HP	48HP
Model			AVW-408HKFH5N2	AVW-426HKFH5N2	AVW-444HKFH5N2	AVW-462HKFH5N2
Modules			AVW-136HKFH5N2 AVW-136HKFH5N2 AVW-136HKFH5N2	AVW-136HKFH5N2 AVW-136HKFH5N2 AVW-154HKFH5N2	AVW-136HKFH5N2 AVW-154HKFH5N2 AVW-154HKFH5N2	AVW-154HKFH5N2 AVW-154HKFH5N2 AVW-154HKFH5N2
Power Supply			380-415V 3~ 50/60Hz			
Cooling (T1)	Capacity	kW	120.0	125.0	130.0	135.0
		kBtu/h	409.4	426.5	443.6	460.6
	Power Input	kW	33.21	34.01	34.81	35.61
	EER	kW/kW	3.61	3.68	3.73	3.79
Cooling (T3)	Capacity	kW	101.7	106.2	110.7	115.2
		kBtu/h	347.0	362.4	377.7	393.1
	Power Input	kW	33.45	34.68	35.91	37.14
	EER	kW/kW	3.04	3.06	3.08	3.10
Heating	Capacity	kW	120.0	125.0	130.0	135.0
		kBtu/h	409.4	426.5	443.6	460.6
	Power Input	kW	24.93	26.37	27.81	29.25
	COP	kW/kW	4.81	4.74	4.67	4.62
Ventilation	Air Flow Rate	m³/min	816	833	850	867
	Fan Quantity	pcs	6	6	6	6
	External Static Pressure	Pa	60			
Sound	Sound Pressure Level	dB(A)	64	64	64	65
Refrigerant	Type	–	R410A			
	Pre-charged Quantity	kg	8+8+8			
Weight	Net	kg	642	644	646	648
	Gross	kg	690	692	694	696
Dimensions	External (H × W × D)	mm	1650 × (1250+1250+1250) × 440			
Ref. Piping	Gas	mm	38.1	38.1	38.1	41.3
		inch	1-1/2	1-1/2	1-1/2	1-5/8
	Liquid	mm	19.05	19.05	19.05	22.2
		inch	3/4	3/4	3/4	7/8
Connectable Indoor Units	Quantity	pcs	85	89	93	97
	Connection Ratio	–	30~150%			
Piping Design	Max. Total Piping Length	m	575			
	Max. Piping Length	m (Actual)	150			
		m (Equivalent)	175			
	Height Difference Between ODU and IDU	m (ODU up)	50			
		m (ODU down)	40			
Operation Range	Height Difference Between IDUs	m	30			
	Cooling	DB	-15℃~58℃			
	Heating	WB	-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 inlet temperature: 35℃ DB, pipe length: 7.5m, pipe height difference: 0m.
Heating Conditions: indoor air inlet temperature: 20℃ DB, outdoor air inlet 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 0.92m from the floor level.

Outdoor Units



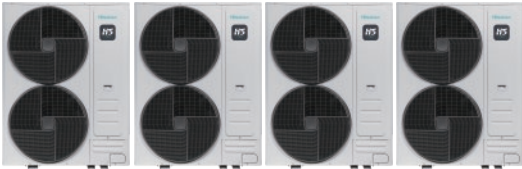
HP			50HP	52HP	54HP
Model			AVW-478HKFH5N2	AVW-494HKFH5N2	AVW-510HKFH5N2
Modules			AVW-154HKFH5N2 AVW-154HKFH5N2 AVW-170HKFH5N2	AVW-154HKFH5N2 AVW-170HKFH5N2 AVW-170HKFH5N2	AVW-170HKFH5N2 AVW-170HKFH5N2 AVW-170HKFH5N2
Power Supply			380-415V 3~ 50/60Hz		
Cooling (T1)	Capacity	kW	140.0	145.0	150.0
		kBtu/h	477.7	494.7	511.8
	Power Input	kW	37.90	40.19	42.48
	EER	kW/kW	3.69	3.61	3.53
Cooling (T3)	Capacity	kW	118.8	122.4	126.0
		kBtu/h	405.3	417.6	429.9
	Power Input	kW	39.34	41.54	43.74
	EER	kW/kW	3.02	2.95	2.88
Heating	Capacity	kW	140.0	145.0	150.0
		kBtu/h	477.7	494.7	511.8
	Power Input	kW	30.61	31.97	33.33
	COP	kW/kW	4.57	4.54	4.50
Ventilation	Air Flow Rate	m³/min	878	889	900
	Fan Quantity	pcs	6	6	6
	External Static Pressure	Pa	60		
Sound	Sound Pressure Level	dB(A)	65	65	66
Refrigerant	Type	–	R410A		
	Pre-charged Quantity	kg	8+8+8		
Weight	Net	kg	649	650	651
	Gross	kg	697	698	699
Dimensions	External (H × W × D)	mm	1650 × (1250+1250+1250) × 440		
Ref. Piping	Gas	mm	41.3	41.3	41.3
		inch	1-5/8	1-5/8	1-5/8
	Liquid	mm	22.2	22.2	22.2
		inch	7/8	7/8	7/8
Connectable Indoor Units	Quantity	pcs	100	103	107
	Connection Ratio	–	30~150%		
Piping Design	Max. Total Piping Length	m	575		
	Max. Piping Length	m (Actual)	150		
		m (Equivalent)	175		
	Height Difference Between ODU and IDU	m (ODU up)	50		
		m (ODU down)	40		
Operation Range	Height Difference Between IDUs	m	30		
	Cooling	DB	-15℃~58℃		
	Heating	WB	-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 inlet temperature: 35℃ DB, pipe length: 7.5m, pipe height difference: 0m.
Heating Conditions: indoor air inlet temperature: 20℃ DB, outdoor air inlet 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 0.92m from the floor level.

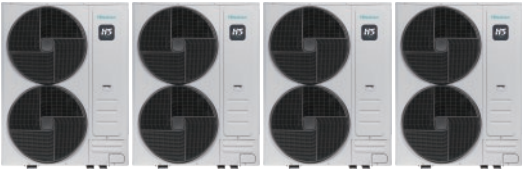
Outdoor Units



HP			56HP	58HP	60HP	62HP
Model			AVW-544HKFH5N2	AVW-562HKFH5N2	AVW-580HKFH5N2	AVW-598HKFH5N2
Modules			AVW-136HKFH5N2 AVW-136HKFH5N2 AVW-136HKFH5N2 AVW-136HKFH5N2	AVW-136HKFH5N2 AVW-136HKFH5N2 AVW-136HKFH5N2 AVW-154HKFH5N2	AVW-136HKFH5N2 AVW-136HKFH5N2 AVW-154HKFH5N2 AVW-154HKFH5N2	AVW-136HKFH5N2 AVW-154HKFH5N2 AVW-154HKFH5N2 AVW-154HKFH5N2
Power Supply			380-415V 3~ 50/60Hz			
Cooling (T1)	Capacity	kW	160.0	165.0	170.0	175.0
		kBtu/h	545.9	563.0	580.0	597.1
	Power Input	kW	44.28	45.08	45.88	46.68
	EER	kW/kW	3.61	3.66	3.71	3.75
Cooling (T3)	Capacity	kW	135.6	140.1	144.6	149.1
		kBtu/h	462.7	478.0	493.4	508.7
	Power Input	kW	44.60	45.83	47.06	48.29
	EER	kW/kW	3.04	3.06	3.07	3.09
Heating	Capacity	kW	160.0	165.0	170.0	175.0
		kBtu/h	545.9	563.0	580.0	597.1
	Power Input	kW	33.24	34.68	36.12	37.56
	COP	kW/kW	4.81	4.76	4.71	4.66
Ventilation	Air Flow Rate	m³/min	1088	1105	1122	1139
	Fan Quantity	pcs	8	8	8	8
	External Static Pressure	Pa	60			
Sound	Sound Pressure Level	dB(A)	65	65	66	66
Refrigerant	Type	—	R410A			
	Pre-charged Quantity	kg	8+8+8+8			
Weight	Net	kg	856	858	860	862
	Gross	kg	920	922	924	926
Dimensions	External (H × W × D)	mm	1650 × (1250+1250+1250+1250) × 440			
Ref. Piping	Gas	mm	41.3	44.5	44.5	44.5
		inch	1-5/8	1-3/4	1-3/4	1-3/4
	Liquid	mm	22.2	22.2	22.2	22.2
		inch	7/8	7/8	7/8	7/8
Connectable Indoor Units	Quantity	pcs	114	118	121	125
	Connection Ratio	—	30~150%			
Piping Design	Max. Total Piping Length	m	575			
	Max. Piping Length	m (Actual)	150			
		m (Equivalent)	175			
	Height Difference Between ODU and IDU	m (ODU up)	50			
		m (ODU down)	40			
Operation Range	Height Difference Between IDUs	m	30			
	Cooling	DB	-15℃~58℃			
	Heating	WB	-30℃~30℃			

- Notes:
- 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 inlet temperature: 35℃ DB, pipe length: 7.5m, pipe height difference: 0m.
Heating Conditions: indoor air inlet temperature: 20℃ DB, outdoor air inlet temperature: 7℃ DB 6℃ WB, pipe Length: 7.5m, pipe height difference: 0m.
 - 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 0.92m from the floor level.

Outdoor Units



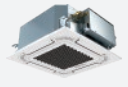
HP			64HP	66HP	68HP	70HP	72HP
Model			AVW-616HKFH5N2	AVW-632HKFH5N2	AVW-648HKFH5N2	AVW-664HKFH5N2	AVW-680HKFH5N2
Modules			AVW-154HKFH5N2	AVW-154HKFH5N2	AVW-154HKFH5N2	AVW-154HKFH5N2	AVW-170HKFH5N2
			AVW-154HKFH5N2	AVW-154HKFH5N2	AVW-154HKFH5N2	AVW-170HKFH5N2	AVW-170HKFH5N2
			AVW-154HKFH5N2	AVW-154HKFH5N2	AVW-170HKFH5N2	AVW-170HKFH5N2	AVW-170HKFH5N2
			AVW-154HKFH5N2	AVW-170HKFH5N2	AVW-170HKFH5N2	AVW-170HKFH5N2	AVW-170HKFH5N2
Power Supply			380~415V 3~ 50/60Hz				
Cooling (T1)	Capacity	kW	180.0	185.0	190.0	195.0	200.0
		kBtu/h	614.2	631.2	648.3	665.3	682.4
	Power Input	kW	47.48	49.77	52.06	54.35	56.64
	EER	kW/kW	3.79	3.72	3.65	3.59	3.53
Cooling (T3)	Capacity	kW	153.6	157.2	160.8	164.4	168.0
		kBtu/h	524.1	536.4	548.6	560.9	573.2
	Power Input	kW	49.52	51.72	53.92	56.12	58.32
	EER	kW/kW	3.10	3.04	2.98	2.93	2.88
Heating	Capacity	kW	180.0	185.0	190.0	195.0	200.0
		kBtu/h	614.2	631.2	648.3	665.3	682.4
	Power Input	kW	39.00	40.36	41.72	43.08	44.44
	COP	kW/kW	4.62	4.58	4.55	4.53	4.50
Ventilation	Air Flow Rate	m³/min	1156	1167	1178	1189	1200
	Fan Quantity	pcs	8	8	8	8	8
	External Static Pressure	Pa	60				
Sound	Sound Pressure Level	dB(A)	66	66	67	67	67
Refrigerant	Type	—	R410A				
	Pre-charged Quantity	kg	8+8+8+8				
Weight	Net	kg	864	865	866	867	868
	Gross	kg	928	929	930	931	932
Dimensions	External (H × W × D)	mm	1650 × (1250+1250+1250+1250) × 440				
Ref. Piping	Gas	mm	44.5	44.5	44.5	44.5	44.5
		inch	1-3/4	1-3/4	1-3/4	1-3/4	1-3/4
	Liquid	mm	22.2	22.2	22.2	22.2	22.2
		inch	7/8	7/8	7/8	7/8	7/8
Connectable Indoor Units	Quantity	pcs	129	132	136	139	142
	Connection Ratio	—	30~150%				
Piping Design	Max. Total Piping Length	m	575				
	Max. Piping Length	m (Actual)	150				
		m (Equivalent)	175				
	Height Difference Between ODU and IDU	m (ODU up)	50				
		m (ODU down)	40				
Operation Range	Height Difference Between IDUs	m	30				
	Cooling	DB	-15℃~58℃				
	Heating	WB	-30℃~30℃				

- Notes:
- 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 inlet temperature: 35℃ DB, pipe length: 7.5m, pipe height difference: 0m.
Heating Conditions: indoor air inlet temperature: 20℃ DB, outdoor air inlet temperature: 7℃ DB 6℃ WB, pipe Length: 7.5m, pipe height difference: 0m.
 - 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 0.92m from the floor level.

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		•	•	•	•		•			•		•	•							
Floor Standing															•		•	•		•
Ceiling & Floor									•		•	•	•	•	•		•			
Floor Concealed				•		•			•			•								

Note: For more details, check each unit's respective pages.

Indoor Units Feature 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	×	×	×	●	○	○	×	○	●	×
Floor Standing	×	×	×	●	○	×	×	×	×	×
Ceiling & Floor	×	○	×	●	×	×	×	○	●	×
Floor Concealed	×	○	×	×	×	×	×	○	●	×

Remarks: Standard: ● Optional: ○ Incompatible: ✕

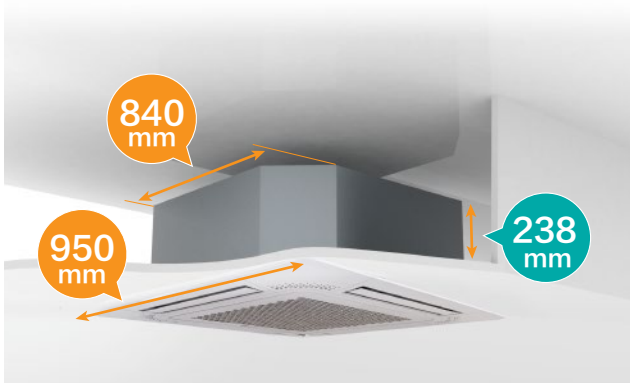
Unit	Features											
	Dry Contact Input	Windows Linkage	Dry Contact Output	Fresh Air Intake	Sleep	Quiet	ECO	Individual Louver Control	Breeze Mode	Self Cleaning	Auto Fan Speed	Dynamic ESP
4-Way Cassette	●	●	●	●	●	●	●	●	●	●	●	×
Mini 4-Way Cassette	●	●	●	●	●	●	●	●	●	●	●	×
1-Way Cassette	●	●	●	●	●	●	●	●	×	●	●	×
2-Way Cassette	●	×	●	●	●	●	●	●	×	●	●	×
Console	●	×	●	●	●	●	●	×	×	×	×	×
Ceiling Ducted (AC Low-height)	●	●	●	●	●	●	●	×	×	×	×	×
Ceiling Ducted (DC 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	●	●	●	×	●	●	●	×	×	●	●	×
Floor Standing	●	●	●	×	●	×	●	×	×	●	●	×
Ceiling & Floor	●	×	●	×	×	×	×	×	×	×	×	×
Floor Concealed	●	×	●	×	●	●	●	×	×	×	●	×

Remarks: Standard: ● Optional: ○ Incompatible: ✕

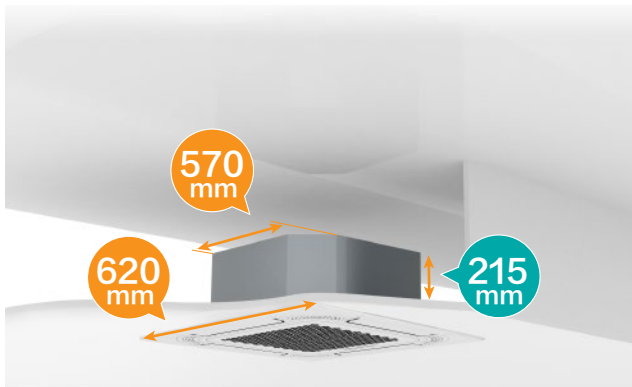
4-Way Cassette Mini 4-Way Cassette

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.



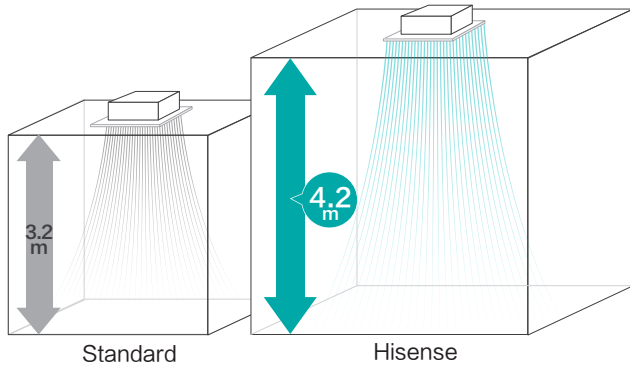
4-way Cassette



Mini 4-way Cassette

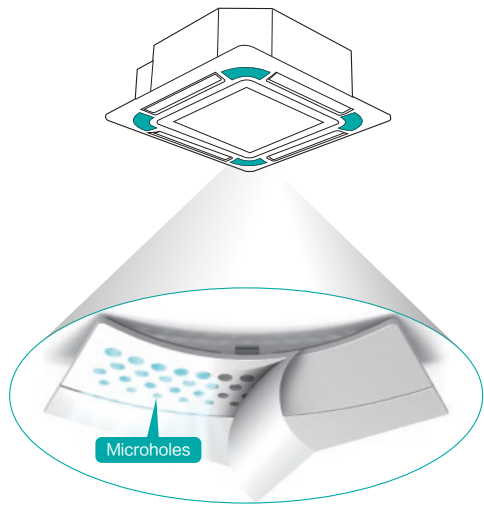
Higher Installation

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.



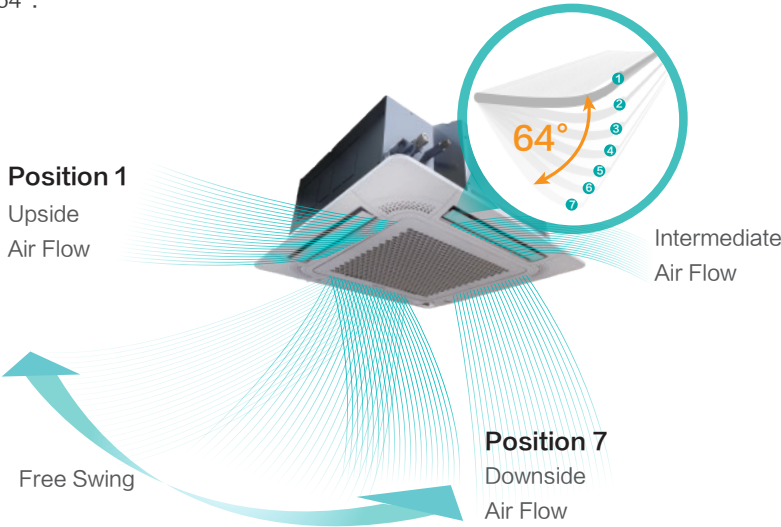
Breeze Mode

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°.



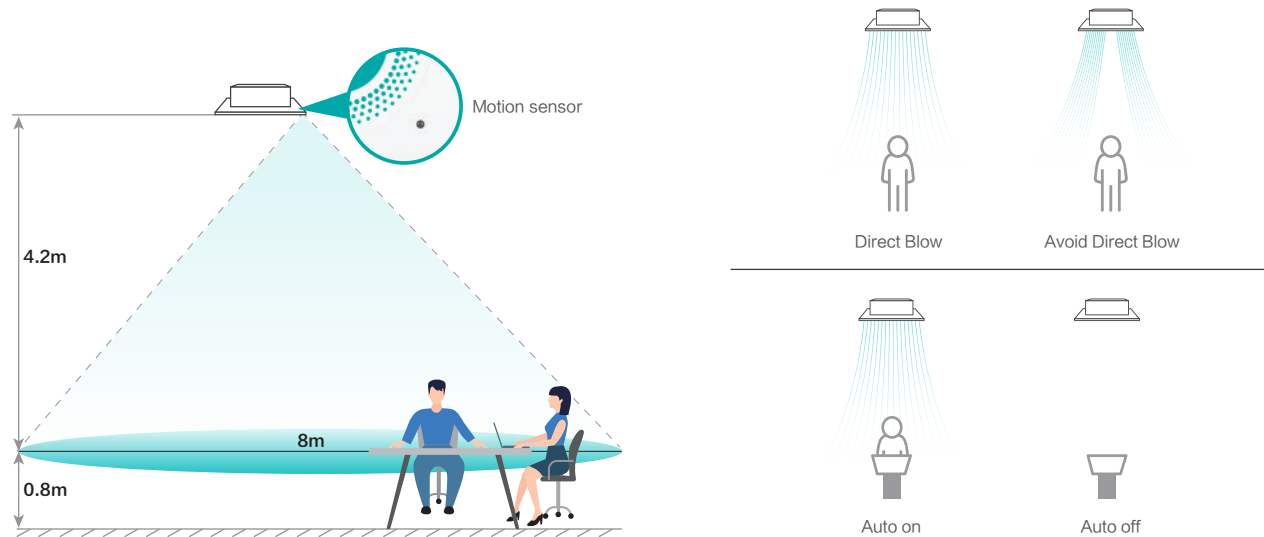
Self-cleaning Function

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

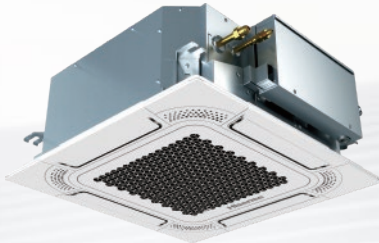


Model			AVBC-09 HJDBA	AVBC-12 HJDBA	AVBC-15 HJDBA	AVBC-19 HJDBA	AVBC-22 HJDBA	AVBC-24 HJDBA	AVBC-27 HJDBA	AVBC-30 HJDBA	AVBC-38 HJDBA	AVBC-48 HJDBA	AVBC-54 HJDBA
Power supply			AC 1 Φ, 220V~240V/50Hz/60Hz										
Capacity	Cooling	kW	2.8	3.6	4.5	5.6	6.3	7.1	8.0	9.0	11.2	14.0	16.0
		Btu/h	9,600	12,300	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	m³/min		15.0/12.8/ 12.0/10.8/	17.0/14.0/ 12.8/11.8/	19.0/15.0/ 13.9/12.6/	19.0/15.0/ 13.9/12.6/	26.0/20.0/ 18.3/17.0/	27.0/21.1/ 19.1/18.0/	25.0/21.1/ 19.6/17.9/	25.0/22.3/ 20.3/18.3/	31.0/29.5/ 28.7/26.0/	37.0/33.5/ 29.6/27.2/	37.0/34.0/ 30.7/28.9/
			10.0/8.8	10.8/9.1	11.4/10.5	11.8/10.5	15.1/13.0	15.8/14.7	16.1/14.7	16.9/15.3	23.5/20.5	24.2/22.4	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°C DB (80°F DB), 19.0°C WB (66.2°F WB)
Outdoor Air Inlet Temperature: 35°C DB (95°F DB)
Piping Length: 7.5 Meters Piping Lift: 0 Meter
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)

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 1 Φ, 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	m³/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

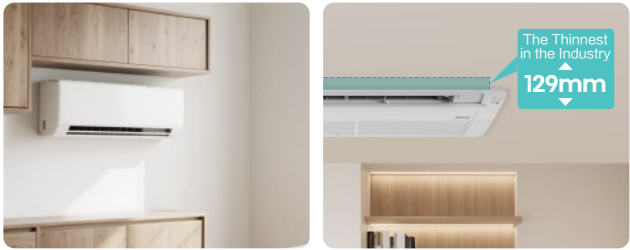
- Notes:
1. The nominal cooling capacity and heating capacity are based on following conditions:
Cooling Operation Conditions
Indoor Air Inlet Temperature: 27°C DB (80°F DB), 19.0°C WB (66.2°F WB)
Outdoor Air Inlet Temperature: 35°C DB (95°F DB)
Piping Length: 7.5 Meters Piping Lift: 0 Meter
Heating 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)

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

Ultra-Thin Space-Saving Design

Less Space, More Grace. Effortlessly fit into tight ceiling spaces without compromising on performance.



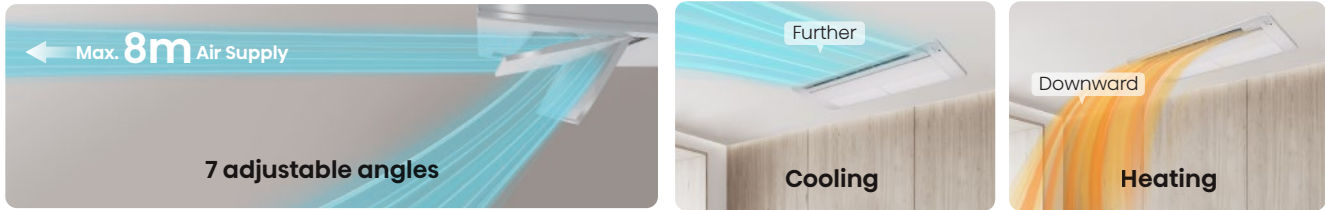
Self-Cleaning Tech

Self-cleaning and 56°C sterilization keep the unit clean and your air healthy, with no manual cleaning needed. Breathe easy, live healthy.



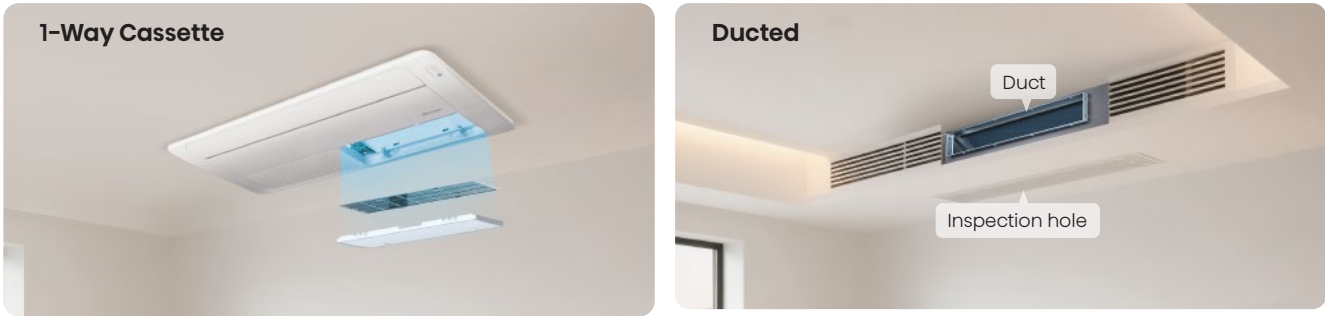
3DAirflow, All-Round Comfort

With 7 adjustable angles, the independently controlled louvers deliver 3D airflow further and downward that reaches every corner.



No Ductwork, Easier Installation and Maintenance

No ducts, no hassle. Ductwork is not required, making installation faster, easier, and more budget-friendly than ever. Access the PCB by simply removing the panel and filter. No extra service port needed, no damage to the wall, just simplified maintenance.



1-Way Cassette



Model			AVY-05HJDA	AVY-07HJDA	AVY-09HJDA	AVY-12HJDA	AVY-15HJDA	AVY-19HJDA	AVY-24HJDA
Power Supply			AC 1 Φ 220V~240V 50/60Hz						
Capacity	Cooling	kW	1.8	2.2	2.8	3.6	4.5	5.6	7.0
		Btu/h	6100	7500	9600	12300	15400	19100	24000
	Heating	kW	2.1	2.5	3.2	4.0	5.0	6.3	8.0
		Btu/h	7100	8500	10900	13600	17100	21500	27300
Power Input		W	18	18	18	25	38	40	74
Sound Pressure		dB(A)	32/31/29/ 28/26/24	32/31/29/ 28/26/24	33/31/29/ 28/26/24	38/36/34/ 33/30/26	42/40/35/ 33/31/27	41/39/36/ 34/32/28	48/44/41/ 37/34/29
Airflow Rate		m³/min	7.1/6.8/6.4/ 5.9/5.5/5.3	7.1/6.8/6.4/ 5.9/5.5/5.3	7.5/7.1/6.4/ 5.9/5.5/5.3	9.1/8.4/7.8/ 7.1/6.4/5.9	11.0/9.5/7.8/ 7.2/6.6/6.0	14.1/11.4/10.1 /9.4/9.0/7.6	18.6/14.5/12.9/ 11.4/9.7/8.2
Connection Type		—	Flare-nut Connection (with Flare Nuts)						
Piping	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		mm	I.D. 32					
Weight	Net Weight	kg	14.2	14.2	14.2	14.2	14.2	16.9	16.9
	Gross Weight	kg	18.2	18.2	18.2	18.2	18.2	21.6	21.6
Dimensions (H×W×D)	External	mm	129×910×470	129×910×470	129×910×470	129×910×470	129×910×470	129×1180×470	129×1180×470
	Packaging	mm	285×1145×582	285×1145×582	285×1145×582	285×1145×582	285×1145×582	285×1415×582	285×1415×582
Decoration Panel	Model	—	HP-D-NA1	HP-D-NA1	HP-D-NA1	HP-D-NA1	HP-D-NA1	HP-E-NA1	HP-E-NA1
	Panel Colour	—	Neutral White						
	External Dimensions (H×W×D)	mm	55×1100×550	55×1100×550	55×1100×550	55×1100×550	55×1100×550	55×1370×550	55×1370×550
	Net Weight	kg	5.3	5.3	5.3	5.3	5.3	6.4	6.4

Notes:

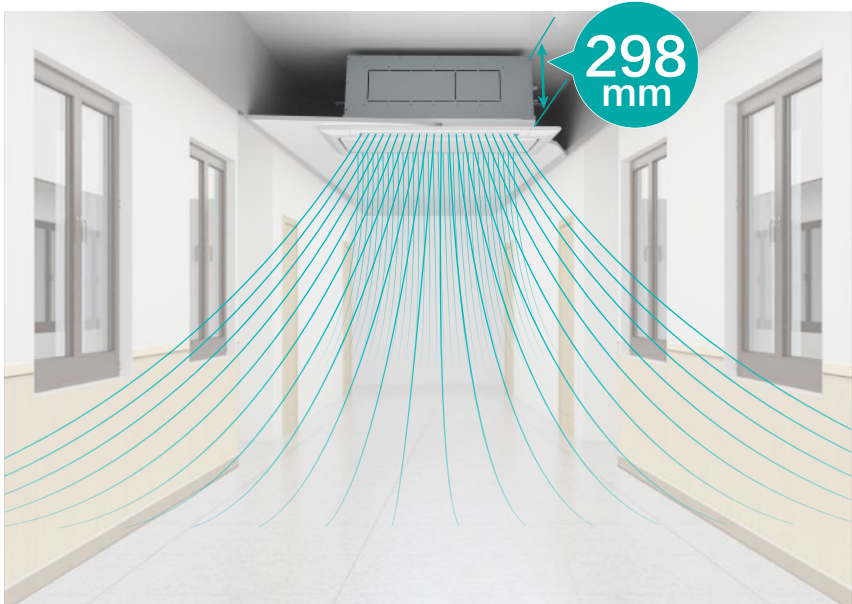
1. The nominal cooling capacity is based on the following conditions:
Indoor Air Inlet Temperature: 27°C DB (80°F DB), 19.0°C WB(66.2°F WB)
Outdoor Air Inlet Temperature: 35°C DB(95°F DB)
Piping Length: 7.5 Meters Piping Lift: 0 Meter

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

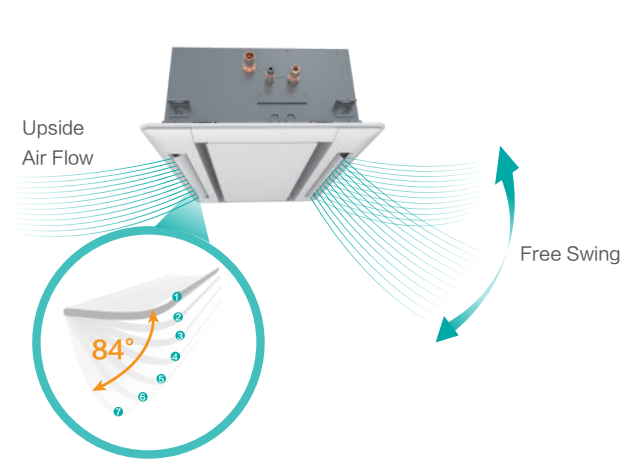
Compact and Classy Design

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.



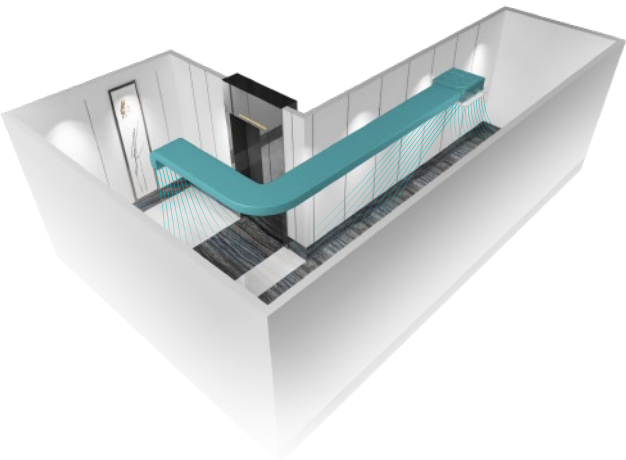
Independent Louvers Control

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.



2-Way Cassette



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 1 ϕ , 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		m³/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
Connection Type		–	Flare-nut Connection (with Flare Nuts)										
Piping	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	1100	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	1170	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

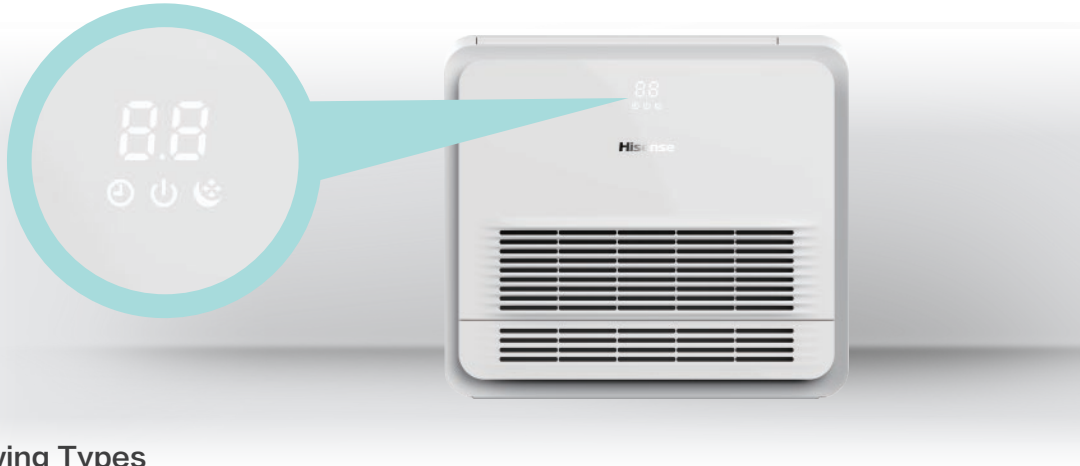
Notes:

1. The nominal cooling capacity is based on the following conditions:
Indoor Air Inlet Temperature: 27°C DB (80°F DB), 19.0°C WB (66.2°F WB)
Outdoor Air Inlet Temperature: 35°C 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

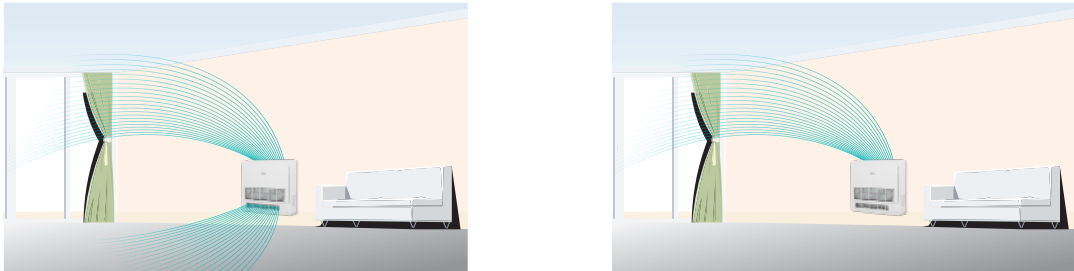
The console unit is stylish with a sleek white cover, integrated LED indicators, and a temperature display. It is ideal for both residential and commercial applications where installation on or near the floor is required.



Multiple Blowing Types

Cooling Mode

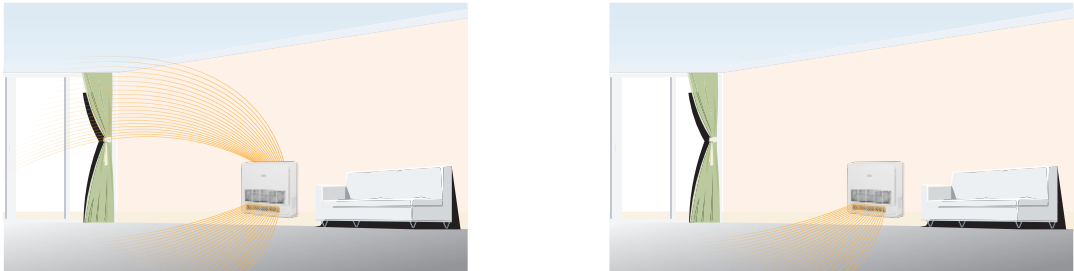
The unit adopts the stereo cooling mode that can reach the setting temperature rapidly.



*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

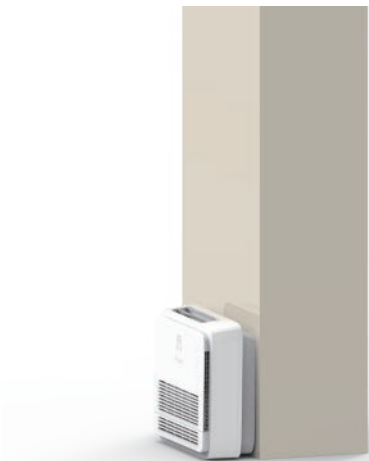
The unit can be placed on the floor or hanged on the wall, and offers flexibility with surface-mounted, embedded, or concealed installation options.



Standing on the floor



Hanging on the wall



Surface mounted



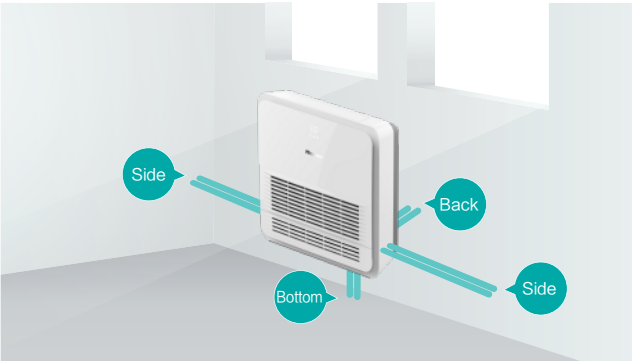
Embedded



Concealed

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 1 Φ, 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		m³/min	6.0/5.7/5.3/	7.4/7.0/6.4/	8.0/7.4/7.0/	8.2/7.6/6.8/	9.0/8.5/7.8/	10.1/9.7/9.0/
			5.1/4.7/4.5	6.0/5.6/5.3	6.4/6.0/5.6	6.2/5.7/5.3	7.2/6.6/6.4	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°C DB (80°F DB), 19.0°C WB (66.2°F WB)

Outdoor Air Inlet Temperature: 35°C DB (95°F DB)

Piping Length: 7.5 Meters Piping Lift: 0 Meter

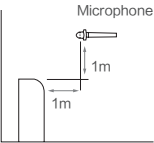
Heating Operation Conditions

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)
2. The sound pressure level is based on following conditions:

It is measured in anechoic room. Operation noise differs with operation and ambient conditions.

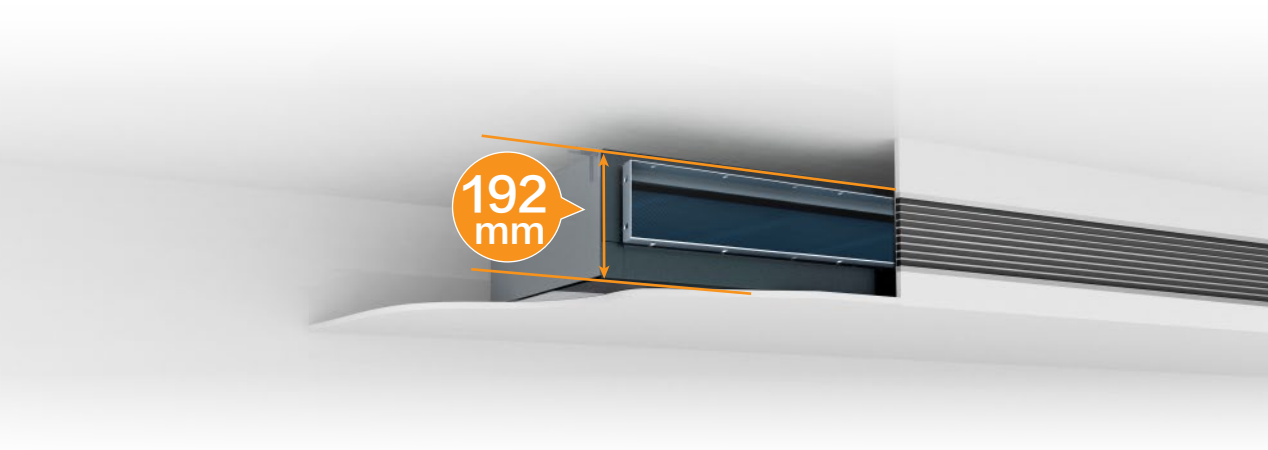
Location of Microphone:



Ceiling Ducted (AC/DC Low Height)

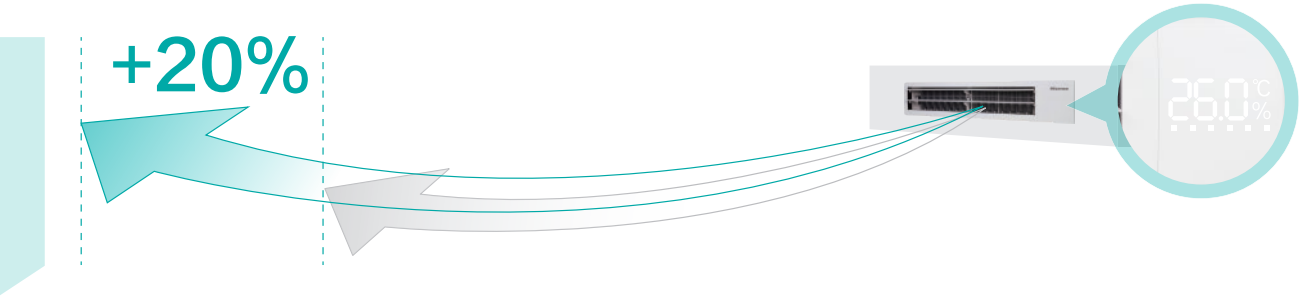
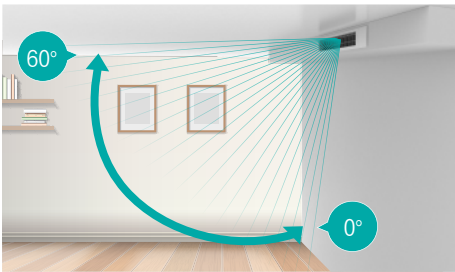
Space Saving

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 1 Φ , 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		m³/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
		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
	Gas	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
	Dimensions	H mm	192	192	192	192	192	192	192	192	192
		W mm	700	700	700	700	910	910	1180	1180	1180

- 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)
Piping Length: 7.5 Meters Piping Lift: 0 Meter
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)

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		m³/min	7.0/6.5/6.1/	7.0/6.5/6.1/	9.0/8.1/7.3/	9.0/8.1/7.3/6.7/	12.0/10.8/9.4/	13.5/12.5/11.2/	18.0/16.1/14.3/	
			5.7/5.3/4.8	5.7/5.3/4.8	6.7/5.9/5.2	5.9/5.2	8.1/6.8/5.5	10.0/8.8/7.7	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	H	mm	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	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
	Dimensions	H	mm	192	192	192	192	192	192	192
		W	mm	700	700	700	700	910	910	1180

- 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)
Piping Length: 7.5 Meters Piping Lift: 0 Meter
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)

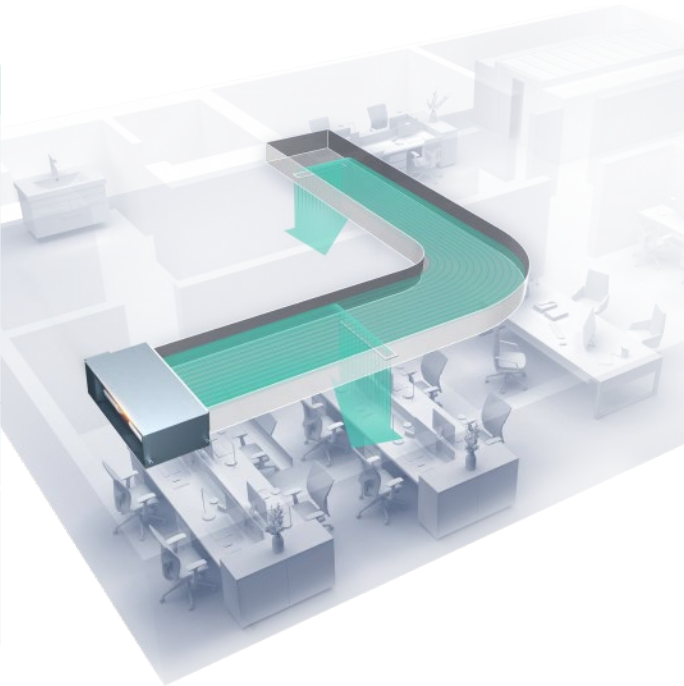
2. The sound pressure level is based on the following conditions: 1.5m beneath the unit.
The above data was measured in an anechoic chamber so that the reflected sound should be taken into consideration in the field.

Ceiling Ducted(High/Low Static Pressure)

Adaptive Static Pressure&Constant Air Volume

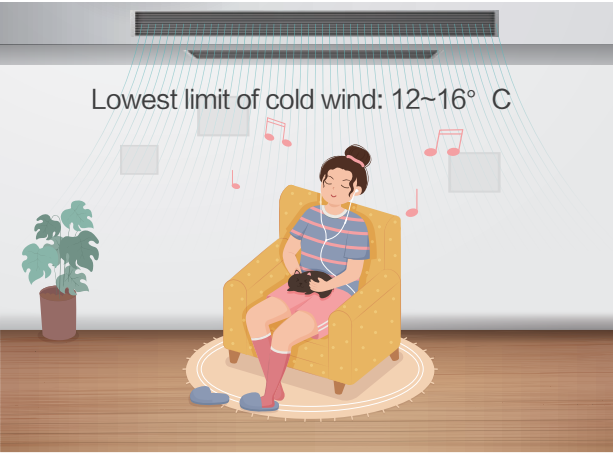
The indoor unit automatically adjusts ESP by monitoring duct static pressure to ensure optimal air volume. During commissioning, the adaptive ESP function sets the most appropriate ESP value based on actual duct resistance, while the constant airflow function maintains stable air output over time.

	Adaptive Static Pressure	Constant Air Volume
Identification criteria	After the initial installation is completed	① When the accumulated operation time reaches the preset cycle (100/200/400/600 hours) ② When indoor unit power exceeds the threshold in fan mode ③ After resetting the filter
Recognition frequency	One-time after installation	Periodic during operation
Air volume	Ensure rated air volume is reached after initial setting	Regular monitoring to maintain constant air volume throughout the operation



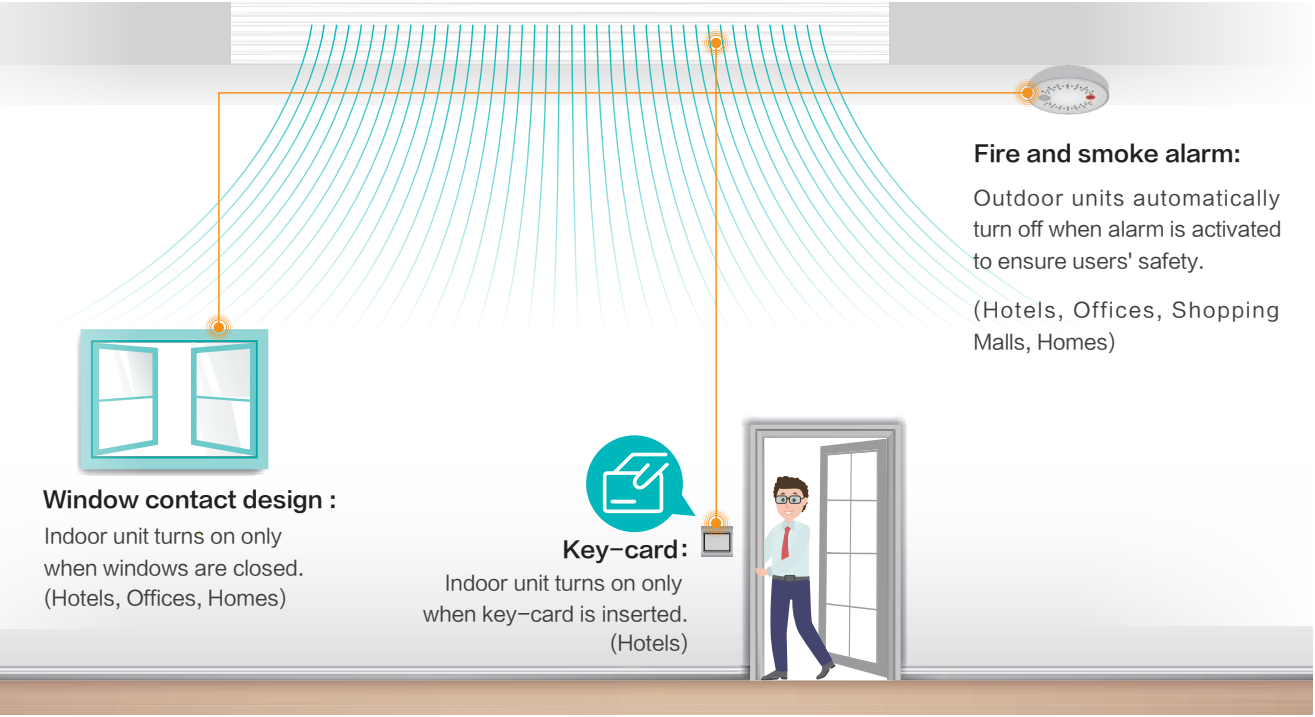
Comfort Cooling Mode

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.

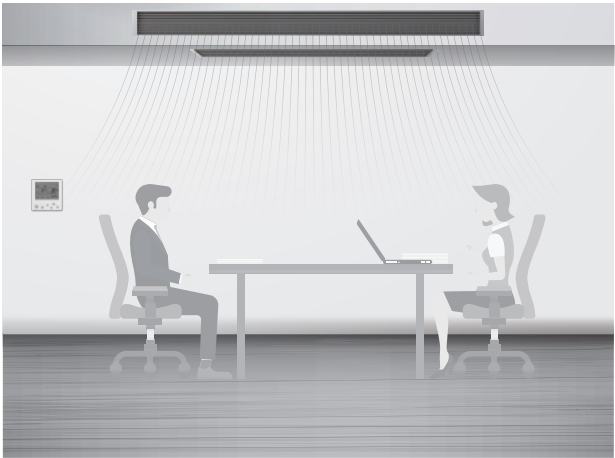


Precise Temperature Control

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 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		m³/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	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	3/8
		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	ϕ15.88	ϕ22.2 (ϕ19.05 ^{*1})	ϕ22.2
	Gas	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	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	30	30	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	1270	1270	

- 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 1 Φ, 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 1 Φ, 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")	0.10(0.13")	0.13(0.16")	0.13(0.16")	0.14(0.21")	0.19(0.24")	0.19(0.24")	0.25(0.34")	0.25(0.34")	0.25(0.34")	0.34(0.45")	0.43(0.59")
	Heating	kW	0.10(0.13")	0.10(0.13")	0.13(0.16")	0.13(0.16")	0.14(0.21")	0.19(0.24")	0.19(0.24")	0.25(0.34")	0.25(0.34")	0.25(0.34")	0.34(0.45")	0.43(0.59")
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)		m³/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	φ 12.70	φ 12.70	φ 12.70	φ 12.70	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		I.D.32											
Weight	Net Weight	kg	25(24")	25(24")	25(24")	25(24")	30(31")	30(31")	30(31")	45(44")	45(44")	45(44")	53(50")	53(50")
	Gross Weight	kg	29(30")	29(30")	31(30")	31(30")	37(38")	37(38")	37(38")	52(52")	52(52")	52(52")	62(59")	62(59")
Dimensions	External	H mm	270	270	270	270	270	270	270	300	300	300	300	300
		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
		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
		W mm	895	895	895	895	1140	1140	1140	1345	1345	1345	1640	1640
		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°C DB (80°F DB), 19.0°C WB (66.2°F WB)
Outdoor Air Inlet Temperature: 35°C DB (95°F DB)
Piping Length: 7.5 Meters Piping Lift: 0 Meter
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)

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.

: The value noted "" 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 1 Φ, 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)		m³/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	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	φ 12.70	φ 12.70	φ 12.70	φ 12.70	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		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
		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
		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
		W mm	895	895	895	895	1140	1140	1140	1345	1345	1345	1640	1640
		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°C DB (80°F DB), 19.0°C WB (66.2°F WB)
Outdoor Air Inlet Temperature: 35°C DB (95°F DB)
Piping Length: 7.5 Meters Piping Lift: 0 Meter
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)

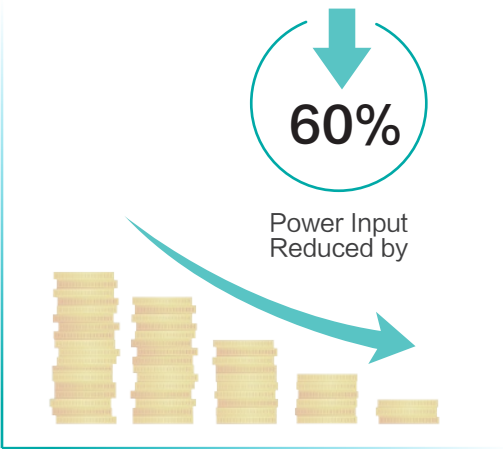
2. The sound pressure level is based on the following conditions: 1.5m beneath the unit.
With discharge duct (2.0m) and return duct (1.0m).
The above data was measured in an anechoic chamber so that the reflected sound should be taken into consideration in the field.

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

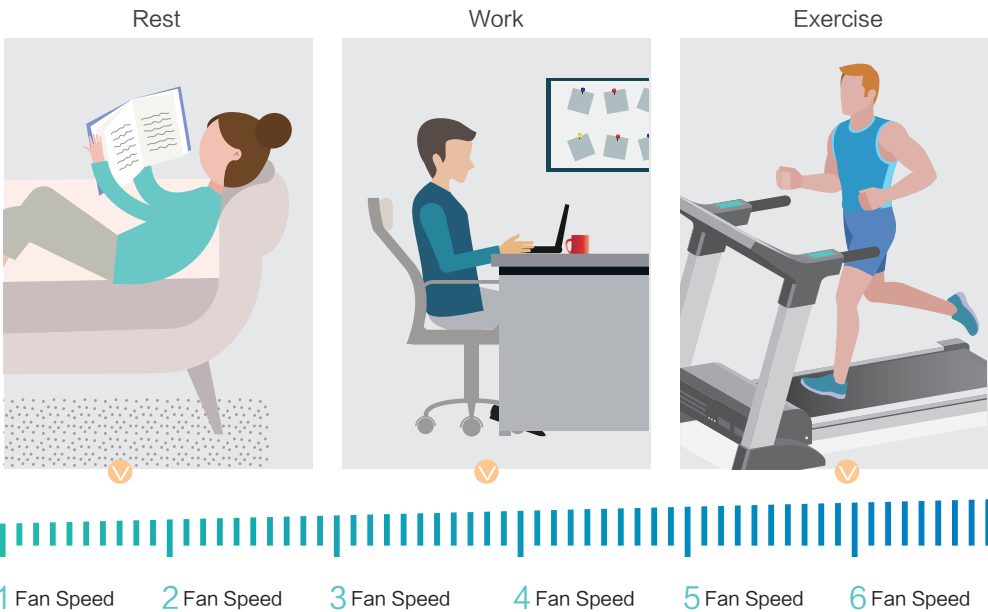
High-efficiency DC Fan Motor

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.



Wall Mounted



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 1 ϕ, 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		m³/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							
Connection Type		—	Flare-nut Connection(with Flare Nuts)							
Piping	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
Dimensions	External Dimension	H	mm	270	270	270	270	315	315	315
		W	mm	845	845	845	845	960	1120	1120
		D	mm	203	203	203	203	230	230	230
	Packaging Dimension	H	mm	375	375	375	375	430	430	430
		W	mm	943	943	943	943	1058	1223	1223
		D	mm	310	310	310	310	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 difference: 0m.
Heating conditions: indoor air inlet temperature: 20℃ DB, outdoor air inlet temperature: 7℃ DB, 6℃ WB, pipe length: 7.5m, pipe height difference: 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.

Floor Standing

3D Air Flow

The adjustable louvers allows for independent control, delivering 3D airflow both vertically and horizontally to reach every corner of the room.



22m Air Supply

Maximum 22m long-distance air supply can be achieved at high fan speed. You can choose from high, medium, low, or auto fan speed modes to cater to different needs.



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. Thus the air blown from the air conditioner is clean and healthy.



Flexible Installation

Piping can be connected in three directions: left, right, and rear, offering flexible positioning and simple installation.



Floor Standing



Model			AVF-36H2FDA	AVF-48H2FDA	AVF-56H2FDA	AVF-96H2FDA
Power Supply			AC 1 Φ, 220V~240V/50Hz/60Hz			
Capacity	Cooling	kW	11.2	14.0	16.0	28.0
		Btu/h	38,000	48,000	54,500	95,500
	Heating	kW	12.5	16.0	18.0	31.0
		Btu/h	42,500	54,500	61,500	105,700
Power Input	Cooling	W	58	174	282	797
	Heating	W	58	174	282	797
Sound Pressure		dB(A)	41/39/37	51/47/43	56/54/51	62/60/57
Air Flow Rate		m³/min	26.7/25.3/22.2	40/35.7/31.3	45.8/42.5/40	83.2/70.7/61
Piping	Connection Type		Flare-nut Connection(with Flare Nuts)			Brazing
	Liquid	mm	Φ9.53	Φ9.53	Φ9.53	Φ9.53
		inch	3/8	3/8	3/8	3/8
	Gas	mm	Φ15.88	Φ15.88	Φ15.88	Φ22.2
		inch	5/8	5/8	5/8	7/8
	Condensate Drain	mm	VP16			RC1 (I.D. 25.4)
Weight	Net Weight	kg	59	59	59	136
	Gross Weight	kg	71	71	71	152
Dimensions	External	H mm	1928	1928	1928	1850
		W mm	665	665	665	1200
		D mm	415	415	415	425
	Packaging	H mm	2065	2065	2065	2010
		W mm	800	800	800	1260
		D mm	530	530	530	490

- 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 difference: 0m.
Heating conditions: indoor air inlet temperature: 20℃ DB, outdoor air inlet temperature: 7℃ DB, 6℃ WB, pipe length: 7.5m, pipe height difference: 0m.

2. The above noise values are measured in an anechoic chamber so that reflected sound should be taken into consideration during actual operation.

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.



Flexible Installation

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



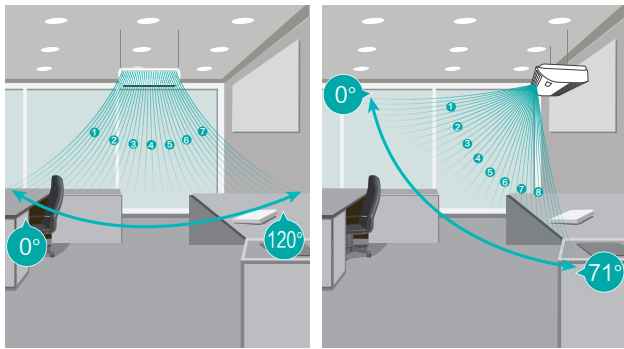
Convenient Installation and Maintenance

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.



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.



Ceiling & Floor



Model			AVV-17URSCA	AVV-18URSCA	AVV-22URSCA	AVV-24URSCA	AVV-27URSCB	AVV-30URSCB	AVV-38URSCB	AVV-48URSCC
Power Supply			AC 1 ϕ , 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		m³/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		m³/min	14.2	14.2	17.8	17.8	19.8	21.2	27.0	36.0
Speed-up Setting HH2		m³/min	16.0	16.0	20.0	20.0	22.3	23.5	29.2	37.4
Panel Colour		–	Necture 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	33	33	34	34	41	41	41	49
	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°C DB (80°F DB), 19.0°C WB (66.2°F WB)
Outdoor Air Inlet Temperature: 35°C DB (95°F DB)
Piping Length: 7.5 Meters Piping Lift: 0 Meter
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)

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

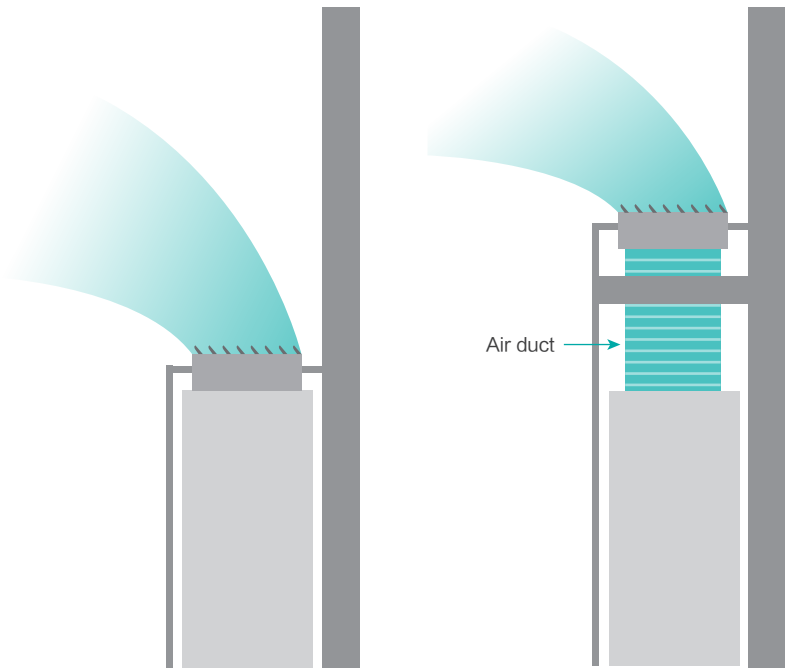
Space Saving

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.

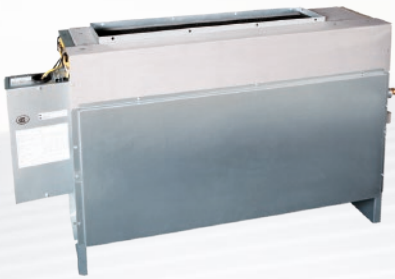


Adjustable Static Pressure and Flexible Installation

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.



Floor Concealed



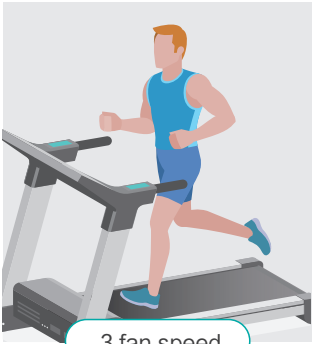
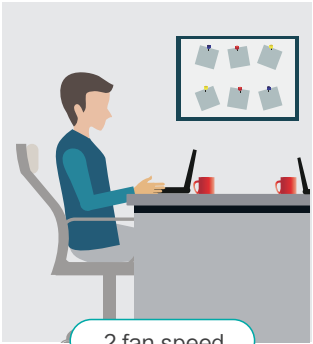
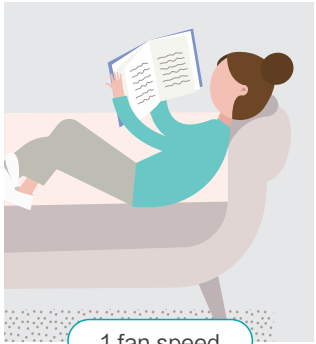
Model			AVH-09UXCSAA	AVH-14UXCSAA	AVH-18UXCSBA	AVH-24UXCSBA
Power Supply			AC 1 Φ , 220V~240V/50Hz			
Model			AVH-09UX2SAA	AVH-14UX2SAA	AVH-18UX2SBA	AVH-24UX2SBA
Power Supply			AC 1 Φ , 220V/60Hz			
Capacity	Cooling	kW	2.8	4.3	5.6	7.1
		Btu/h	9,600	14,700	19,100	24,200
	Heating	kW	3.3	4.9	6.5	8.5
		Btu/h	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		m³/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°C DB (80°F DB), 19.0°C WB (66.2°F WB)
Outdoor Air Inlet Temperature: 35°C DB (95°F DB)
Piping Length: 7.5 Meters Piping Lift: 0 Meter
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)
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

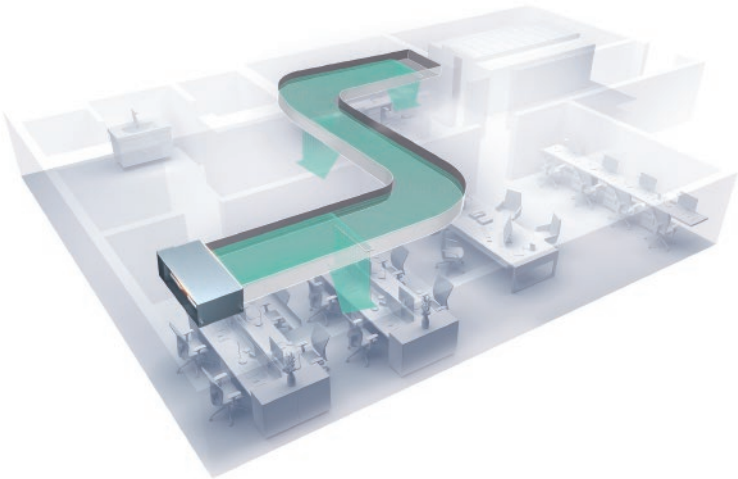
Multiple Fan Speeds

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.



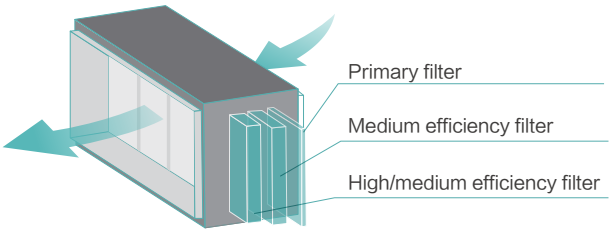
Self-cleaning Function

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.

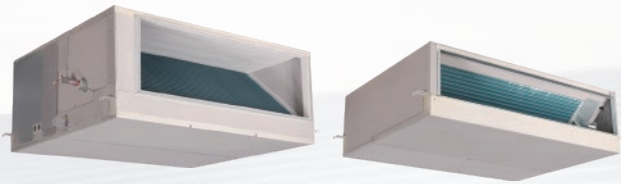


PM2.5 Filter Box(Optional)

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.



All Fresh Air



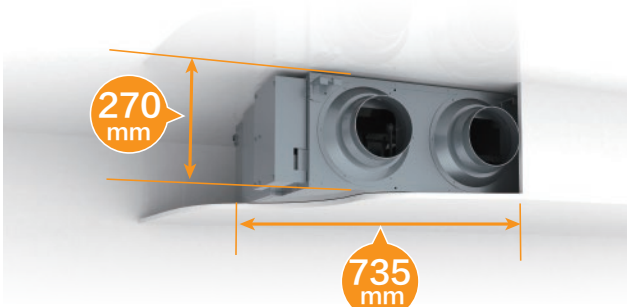
Model			AVA-48HJFDL-108	AVA-76HJFDL-168	AVA-96HJFDL-210	AVA-114HJFDL-300
Power Supply			AC 1Φ,220V~240V/50Hz/60Hz			
Capacity	Cooling	kW	14.0	22.4	28.0	33.5
		Btu/h	47,800	76,500	95,600	114,400
	Heating	kW	13.7	21.9	24.5	26.4
		Btu/h	46,800	74,800	83,600	90,100
Power Input	Cooling	W	190	311	421	721
	Heating	W	190	311	421	721
Sound Pressure		dB(A)	42	46	48	49
Airflow Rate		m³/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		I.D. 32			
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:
- 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.)
 - 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.
 - In case of connecting the all fresh air indoor unit with other indoor units in the same refrigerant cycle, the total capacity of all fresh air indoor unit shall not exceed 30% of the rated capacity of VRF outdoor unit.
 - When the outdoor unit is connected only with all fresh air indoor unit, the combination ratio is 80 ~ 100%.

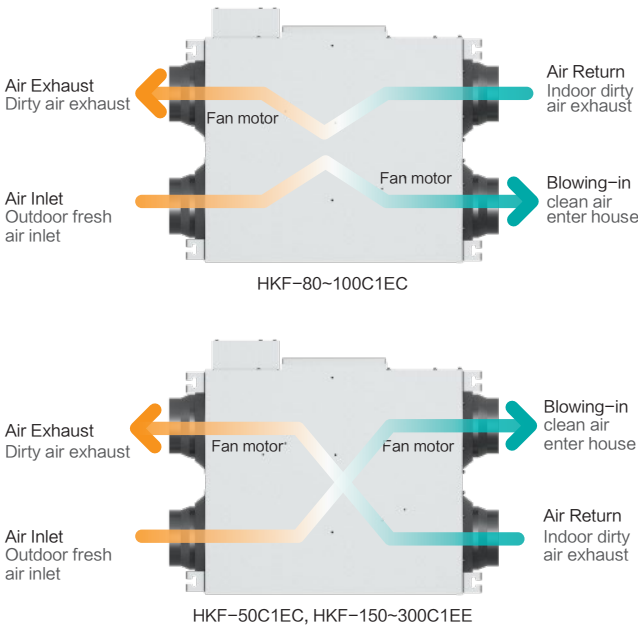
Heat Recovery Ventilator

Compact Body, Convenient Installation

Its compact design facilitates easy installation in narrow ceilings. With a width of only 735mm, the unit (HKF/50C1EC) is perfect for the tight ceiling spaces.

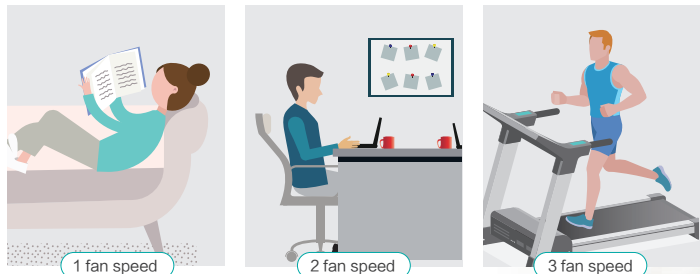


Airflow System



3-level Fan Speed for Your Choice

The three-level fan speed adjustment, offering high, medium, and low options, provides flexibility to cater to individual preferences in various environments.



*This feature is available for the unit HKF/50C1EC, HKF/80C1EC, HKF/100C1EC.

Low Noise

The unit features a low-noise fan, optimal internal silencer, and air channels, significantly reducing operation noise to 26.5dB(A)*. Additionally, a static pressure adjustment plate on the exhaust side optimizes outdoor static pressure, further minimizing the noise.

* The noise level under the low airflow speed for the unit HKF/50C1EC can achieve 26.5dB(A).

Heat Recovery Ventilator

Intelligent Control

The unit can be easily connected to the central control system through the dedicated converter*, enabling centralized control alongside the air-conditioning system.

* For central control requirements, please contact our technical engineers regarding the converter.

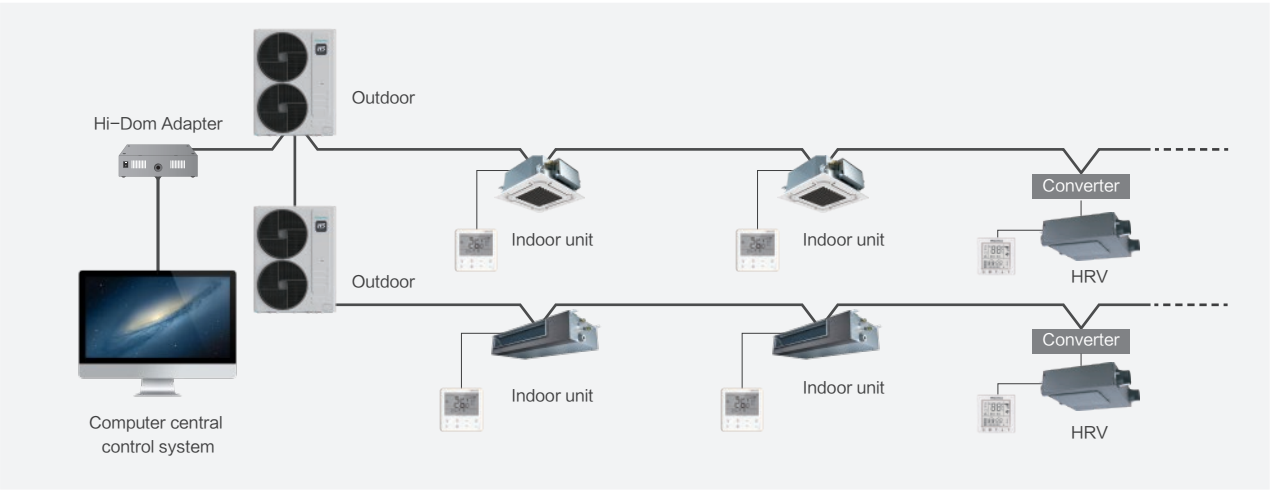
Features

- Large LED screen display
- Fan speed setting
- Temp. and fan speed display
- Timer

- Fan adjust
- Function
- ON/OFF
- Mode setting



Wired Controller HYPE-KC01



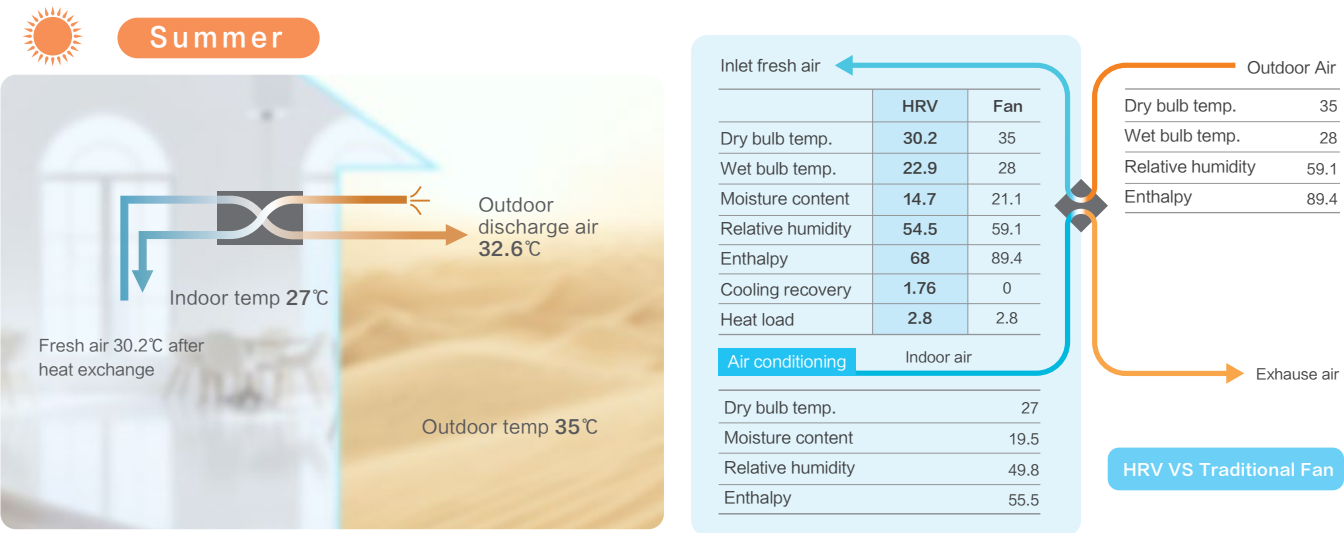
High-efficiency Heat-exchange Core

The hexagonal high-efficiency counterflow heat exchanger core adopts ultra-thin high-performance heat transfer membrane and an integrated optimized flow channel, which extends the time of the heat exchange, thereby improving the heat exchange efficiency. It effectively processes the temperature and humidity of the outdoor fresh air to a level close to the indoor air condition, thereby reducing air conditioning energy consumption.

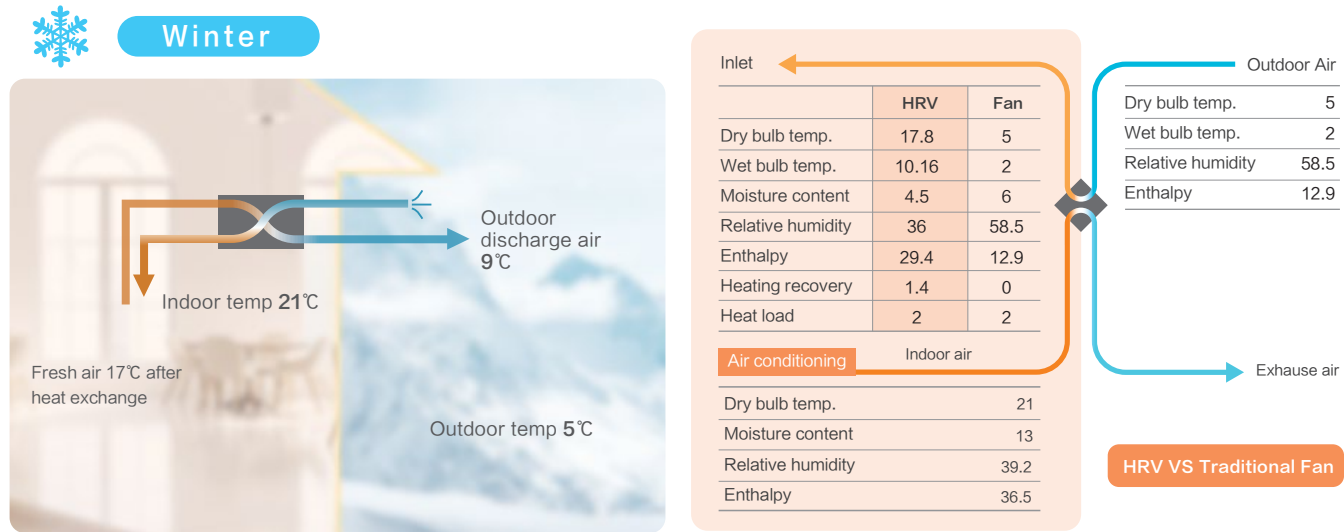


Note: The unit HKF/50C1EC is equipped with a hexagonal heat exchanger.

During the summer, the indoor air at 27°C is exhausted and passes through the heat exchanger core. This process precools the outdoor air from 35°C to 30.2°C, which is then introduced into the indoor space as fresh air, as shown in the diagram. The air conditioning system only needs to further cool this air by 3.2°C to maintain a comfortable indoor temperature. Taking the HKF-50C1EC as an example, the air flow is 500m³/h, heat recovery efficiency is 60%, and enthalpy exchange efficiency is 63%.



During the winter, the indoor air at 21°C is exhausted and passes through the heat exchanger core. This process preheats the outdoor air from 5°C to 17°C, which is then introduced into the indoor space as fresh air, as shown in the diagram. The air conditioning system only needs to further heat this air by 4°C to maintain a comfortable indoor temperature. Taking the HKF-50C1EC as an example, the air flow is 500m³/h, heat recovery efficiency is 80%, and enthalpy exchange efficiency is 70%.



800~1000m³/h 1500~2000m³/h 2500~3000m³/h

Model (HKF/*)			80C1EC	100C1EC	150C1EE	200C1EE	250C1EE	300C1EE	
Power Supply			AC 1Φ, 220V/50Hz		AC 3Φ, 380V/50Hz				
Air Flow	High	m³/h	800	1000	1500	2000	2500	3000	
	Medium	m³/h	600	750	—	—	—	—	
	Low	m³/h	400	500	—	—	—	—	
ESP	Fresh Air Static Pressure	High	Pa	130	165	180	160	180	200
		Medium	Pa	100	120	—	—	—	—
		Low	Pa	80	60	—	—	—	—
	Exhaust Air Static Pressure	High	Pa	130	165	180	160	180	200
		Medium	Pa	100	120	—	—	—	—
		Low	Pa	80	60	—	—	—	—
	Fresh Air Available Pressure	High	Pa	130	165	180	160	200	228
		Medium	Pa	100	120	—	—	—	—
		Low	Pa	80	60	—	—	—	—
	Exhaust Air Available Pressure	High	Pa	130	165	180	160	200	228
		Medium	Pa	100	120	—	—	—	—
		Low	Pa	80	60	—	—	—	—
Sound Pressure Level	High	dB(A)	40	43	46	47	51	52	
	Medium	dB(A)	38	41	—	—	—	—	
	Low	dB(A)	34	38	—	—	—	—	
Enthalpy Exchange Efficiency	Cooling	High	%	57	57	56	56	56	57
		Medium	%	57	57	—	—	—	—
		Low	%	59	58	—	—	—	—
	Heating	High	%	66	66	65	65	64	63
		Medium	%	66	66	—	—	—	—
		Low	%	68	68	—	—	—	—
Heat Exchange System		—	Air-to-air cross flow heat recovery (sensible heat + potential heat)						
Heat Exchange Part			Ventilation high efficiency all-in-one heat exchange core						
Operation Current	High	A	2.02	4.88	2.13	2.59	2.92	4.7	
	Medium	A	1.88	4.3	—	—	—	—	
	Low	A	1.72	3.47	—	—	—	—	
Input Power	High	W	422	1020	1050	1550	1440	2320	
	Medium	W	392	900	—	—	—	—	
	Low	W	360	726	—	—	—	—	
Net Size (L×H×W)		mm	1115×390×1135	1115×390×1135	1500×540×1200	1550×540×1400	1610×600×1330	1700×640×1500	
Package Size (L×H×W)		mm	1330×545×1210	1330×545×1210	1660×690×1345	1710×710×1545	1770×765×1470	1790×818×1590	
Dimensions	Air Outlet	mm	Φ242	Φ242	320×300	320×300	365×275	365×275	
	Air Inlet	mm			320×300	320×300	500×350	500×350	
Net Weight		kg	72	79	126	172	185	222	
Gross Weight		kg	93	92	149	177	189	240	
Operation Range		—	-10~52℃(DB), 85%RH or lower						

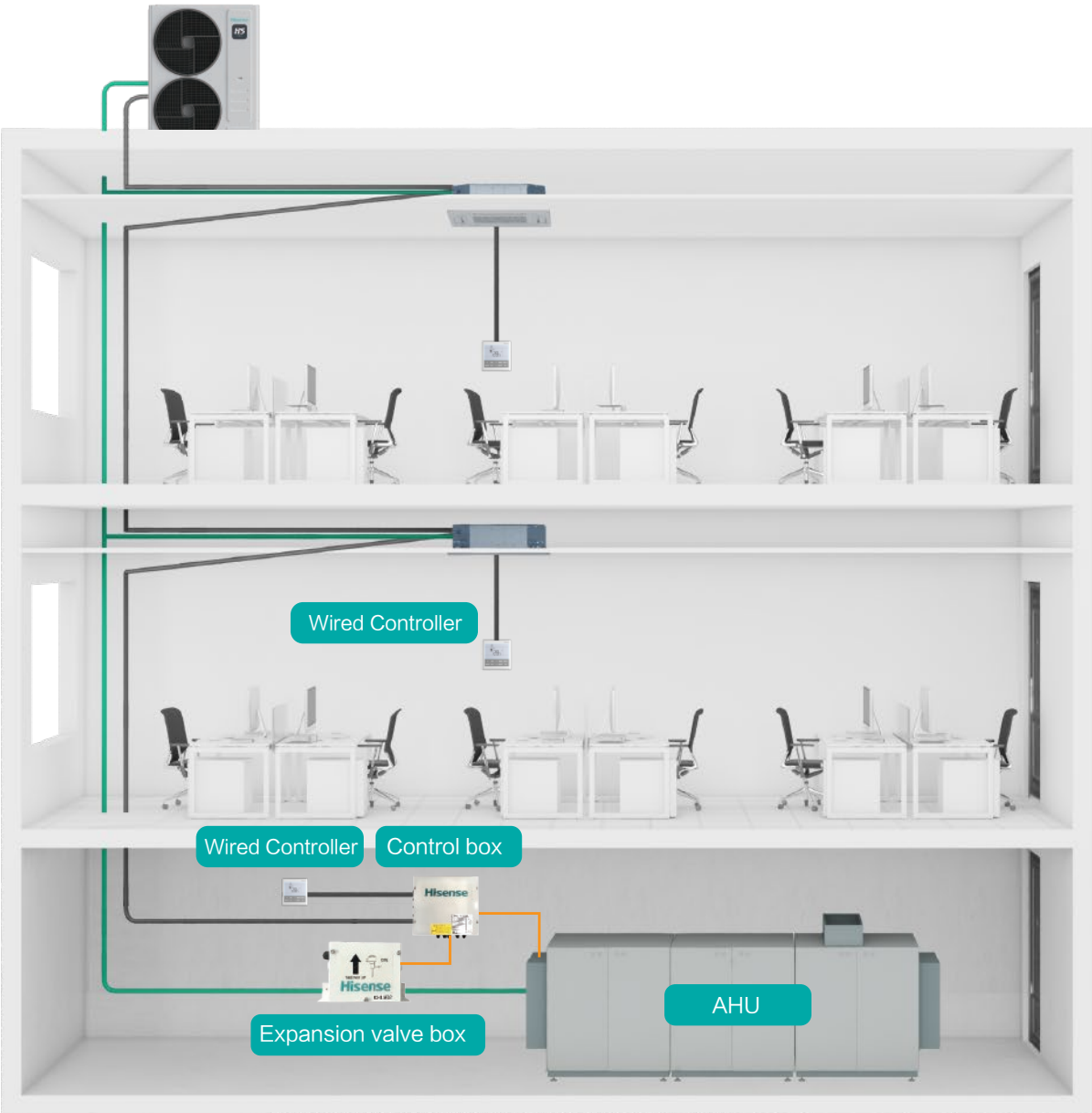
AHU Connection KIT

The Hisense AHU-kit integrates external heat exchangers of Air-handling 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



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 BEJ	HZX-4 BEJ	HZX-6 BEJ	HZX-10BEJ		HZX-20BEJ					HZX-30BEJ					
Model Power Supply		AC 1Φ,220~240V/50Hz/60Hz															
Nominal Capacity of AHU		HP	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
Allowed Heat Exchanger Capacity (H/M/L)	Cooling	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	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	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
	Heating	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
		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	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
Heat Exchanger Volume	Min	dm³	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	dm³	1.16	2.37	2.92	3.89	4.76	5.91	6.89	8	8.92	9.97	11.13	12.34	12.89	13.86	14.73
Equivalent Indoor Unit Capacity		HP	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
Control Box Model		HZX-BEJ/1															
Expansion Valve Box Model		HZX-2 BEJ/2	HZX-4 BEJ/2	HZX-6 BEJ/2	HZX-10BEJ/2		HZX-20BEJ/2					HZX-20BEJ/2 2set					

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



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 (AC/DC)	○	○	○	○
	Ceiling Ducted (High/Low)	○	○	○	○
	Console	○	○	○	●
	Wall Mounted	○	○	○	●
	Floor Standing	○	○	×	●
	Ceiling & Floor	○	○	○	●
	Floor Concealed	○	○	×	○
	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 (AC/DC)	○	×	×	×	○
	Ceiling Ducted (High/Low)	○	×	×	×	○
	Console	○	×	×	×	○
	Wall Mounted	○	×	×	×	○
	Floor Standing	×	×	×	×	×
	Ceiling & Floor	○	×	×	×	○
	Floor Concealed	○	×	×	×	○
	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°C
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

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°C 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.

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

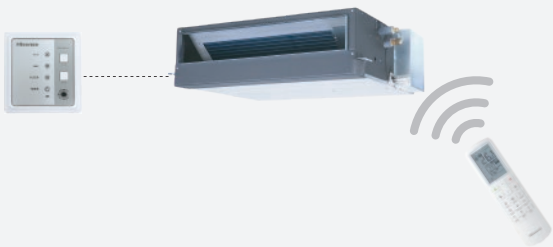
- Size: 120mm × 70mm
- Max. connectable indoor units: 16
- LCD display
- Touch button

Receiver Kit for Wireless Control

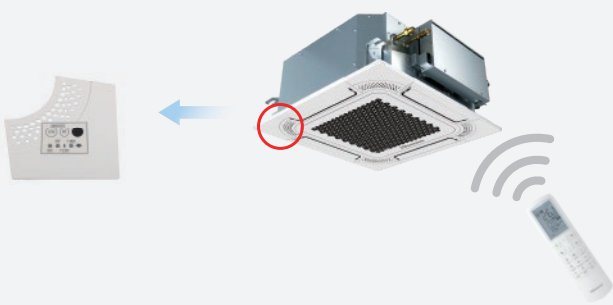
Standard



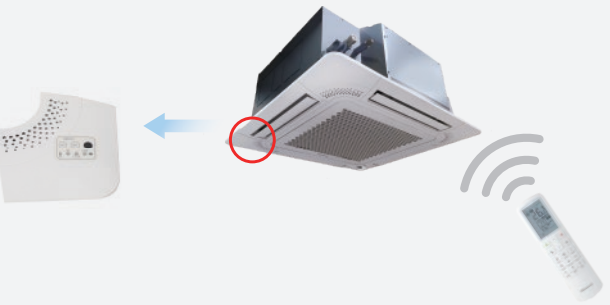
HYRE-V02H (Optional)



HYRE-Z01H (Optional)



HYRE-T03H (Optional)



Centralized Control

Smart Touch II
HYJM-RA10D



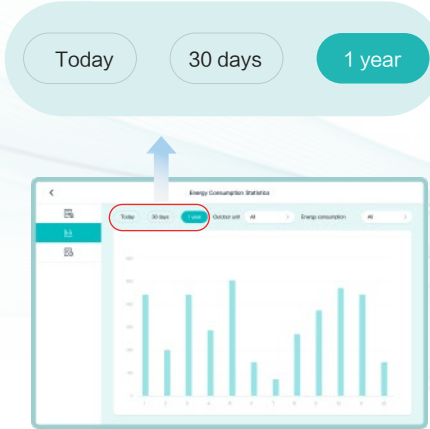
Cool/Heat/Auto/Fan/Dry
Remote control with web access
Support rotation operation setting
Weekly/Holiday timer
Error reminder email
External input/Output function
ECO/Health/Self-cleaning/Quiet mode setting of the outdoor unit
Support OTA update (remotely) and USB update (locally)

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. Utilizing big data analytics.



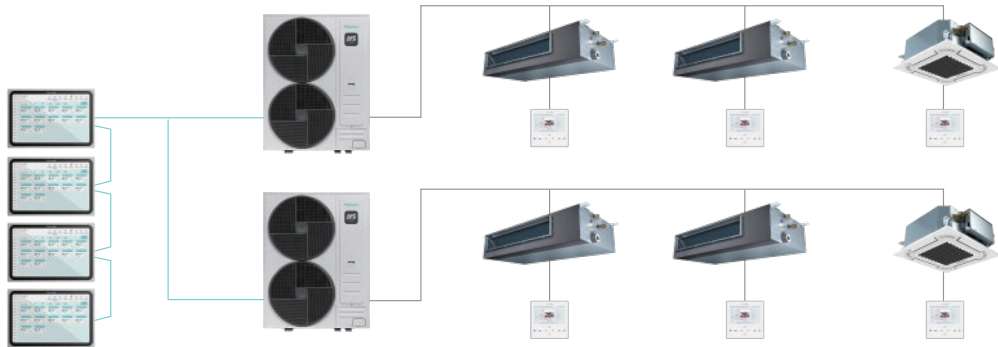
Access Remotely with Ease

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



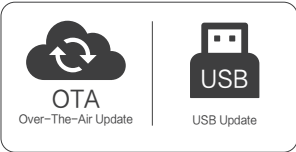
Free Connection

- 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



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

Hi-Cloud Manager

Hisense Intelligent Control Solution



Intelligent Control

What is Hi-Cloud Manager?

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 distributors).

Features:

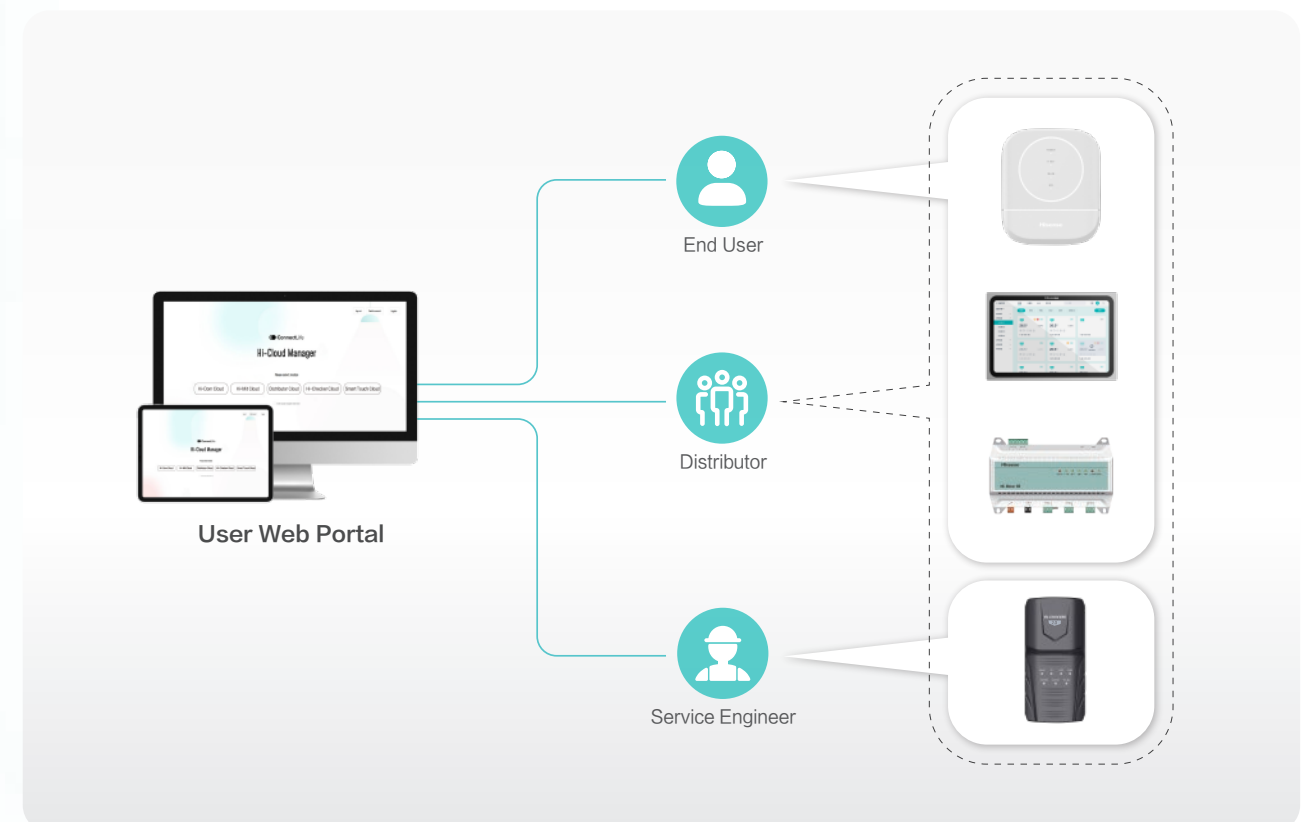
- Centralized remote control
- Overview of key data
- Operation statistics
- Global project map
- Project management
- Regional plane navigation
- Schedule management
- Energy conservation management
- Alarm and message management

URL <https://hicloudmanager.hijuconn.com>

It's recommended to use the Chrome browser.

Users-friendly

- End user**
Create a customized and smart experience.
- Distributor**
Upgrade service capabilities for the projects under control.
- Service engineer**
Ensure efficient service to improve customers' satisfaction.





Anytime and anywhere, control is in your hands

One-Click Remote Control

With our Hi-mit App, control your home on-the-go. Turn on the AC during your commute, enjoying the fresh breeze the moment you step into your house. Experience the future of convenience, where your comfort is just a tap away.

Whole-house Voice Control

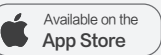
Hisense VRF sysetem can be connected with Google and Amazon speakers for effortless voice control in your house. Wake up your devices with a simple voice command, adjusting power on/off, setting modes, temperatures, and fan speeds without lifting a finger, freeing you to enjoy a truly hands-free smart living experience.

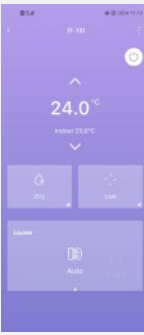


Brand-new Adapter and App

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

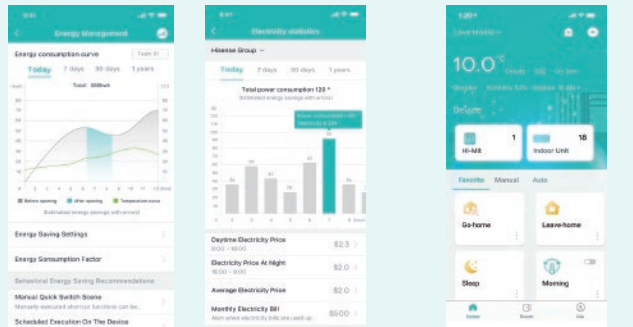


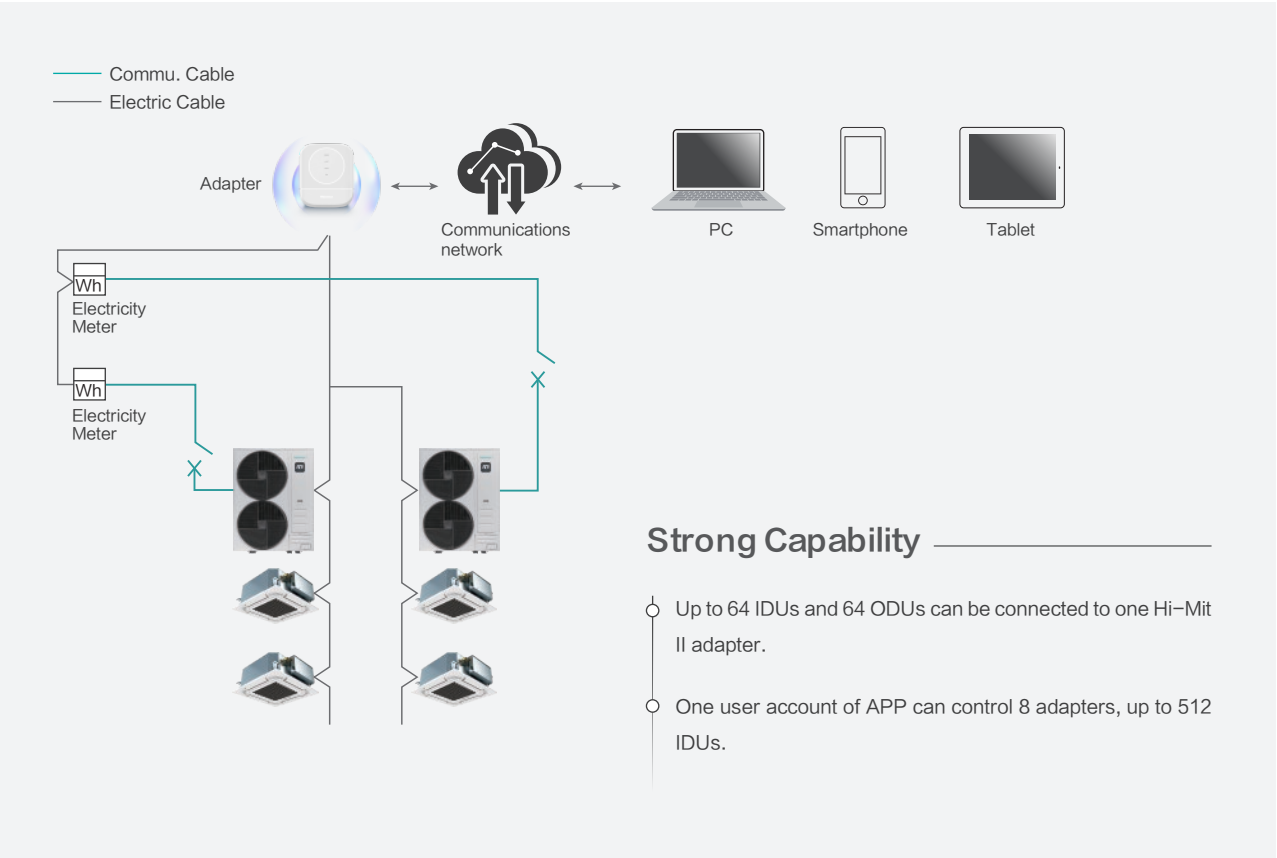
Convenient Control

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



Energy management interface

Customized mode interface



Specifications

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

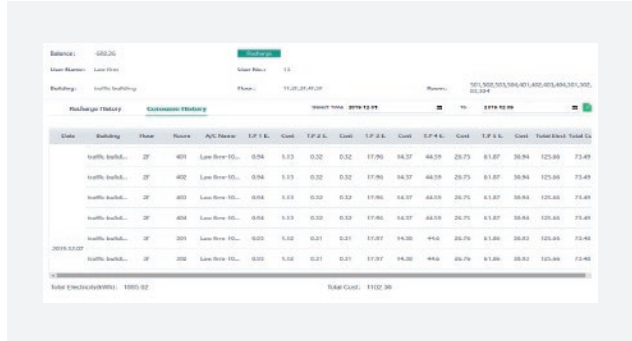
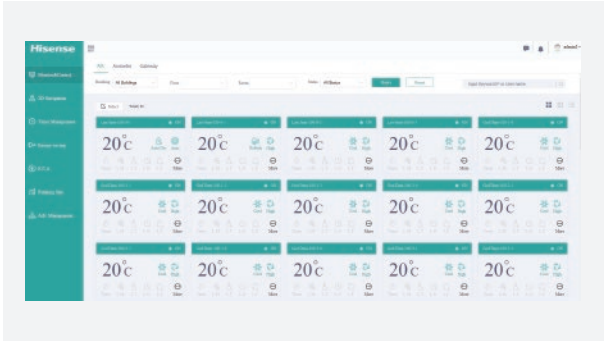


Features

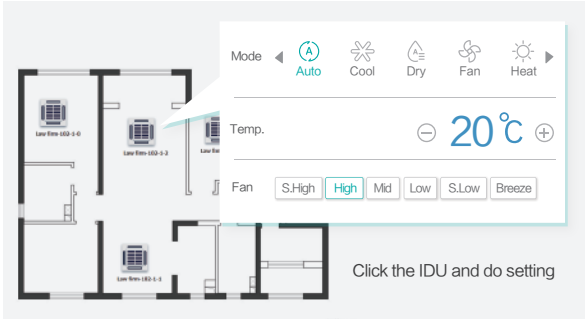
- Remote control available
 - Multilevel user management
 - AC control (on-off, mode, temp, air flow)
 - AC locked control (running forbidden control, the max. and min. temp and cooling/heating locked)
 - Running according to timer
 - Malfunction history check
- Running record display
 - Data synchronize
 - 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.

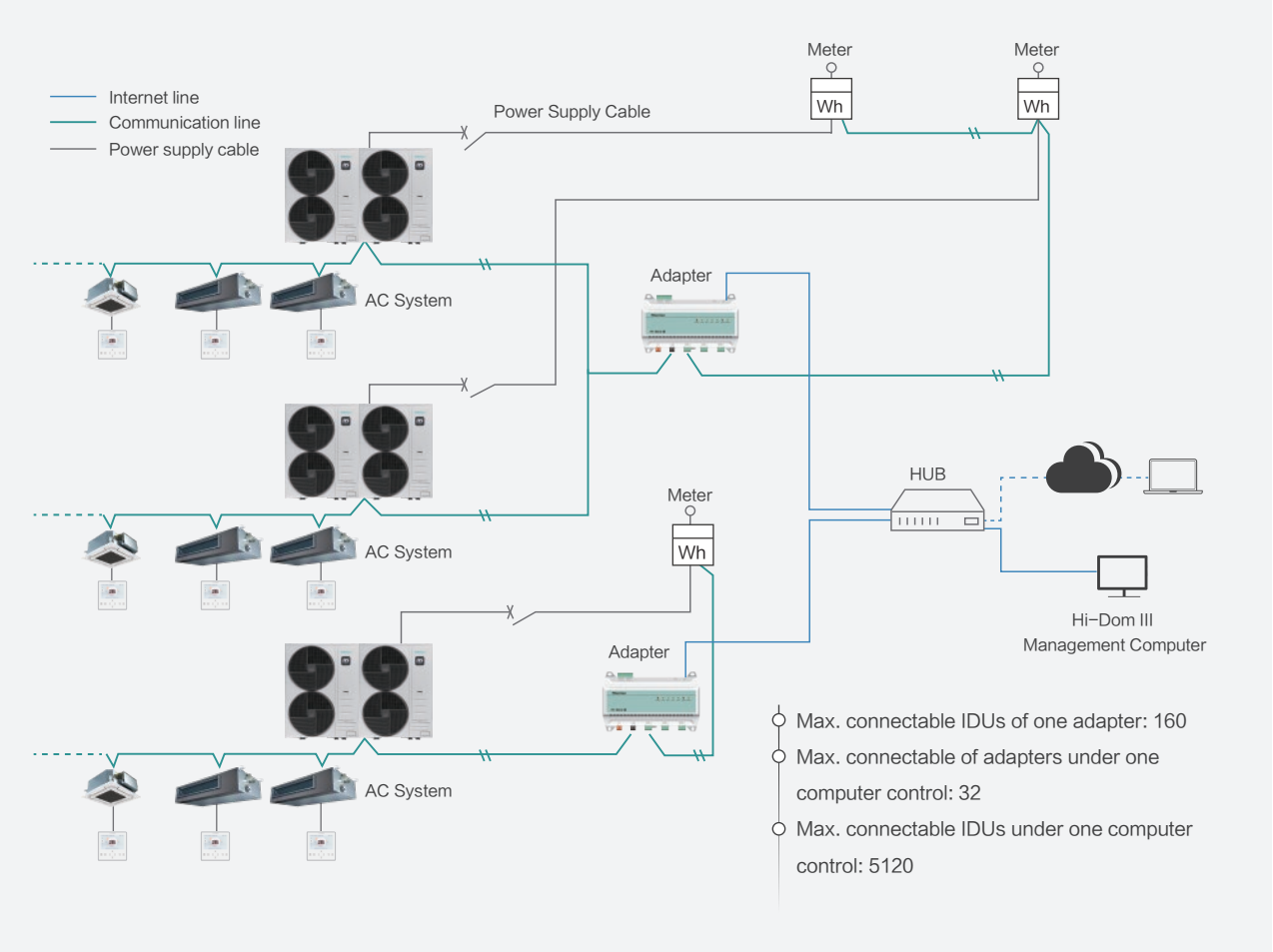
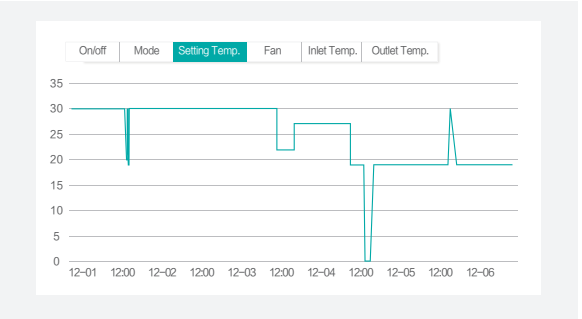
● The electricity consumption allocation makes it easy for users to allocate total electricity consumption among building occupants. Both segmented tariff and single tariff are available.



● 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 that allows service engineers to access the system and monitor operational status or data, making system communication and maintenance more convenient. In addition, its cloud-based management also allows remote access to operational status.



Small and Portable Design



Remote Access



Black Box Function



Powerful Charts



OTA Update



Bluetooth Connection

Easy to Use

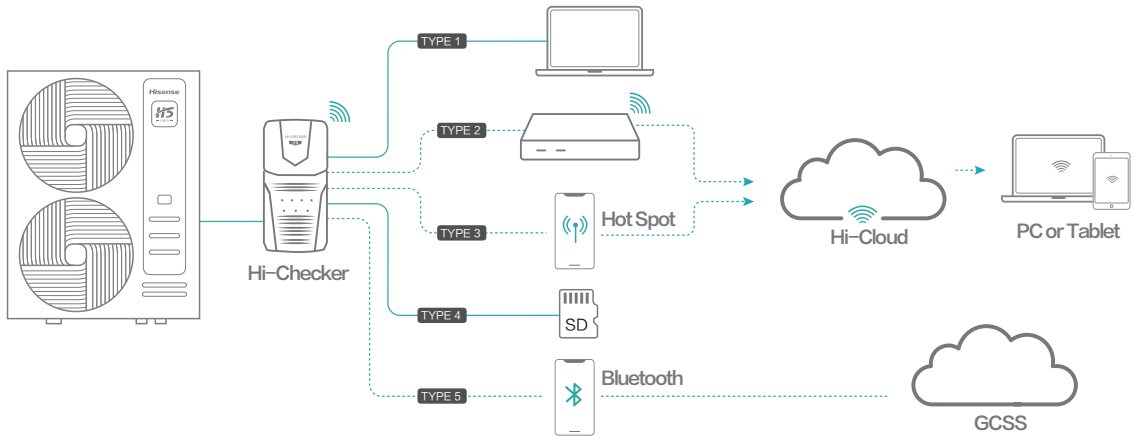
- Compact size which allows high portability and space saving.
- Capable to slot in a 32G memory card for data collection and storage. Also the memory card and card reader are standard with Hi-Checker.
- Multiple choices of power supply types. It can be powered by the standard adapter (DC 5V), computer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



Easy to Access

5 Ways to Access the Operation Data

- Conventional connection. The simplest and reliable way by just connecting the Hi-Checker to your computer directly through USB.
- Internet connection. Be connected to a stable Wi-Fi signal to achieve operation data and status monitoring anytime and anywhere.
- Hotspot connection. 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. 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.
- Bluetooth Connection. Connect Hi-Checker to your phone over Bluetooth to access the data on your phone.



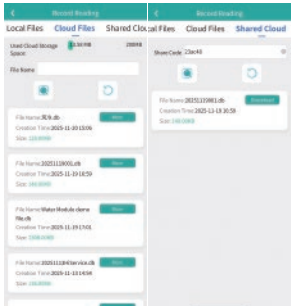
Easy to Understand

- 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.



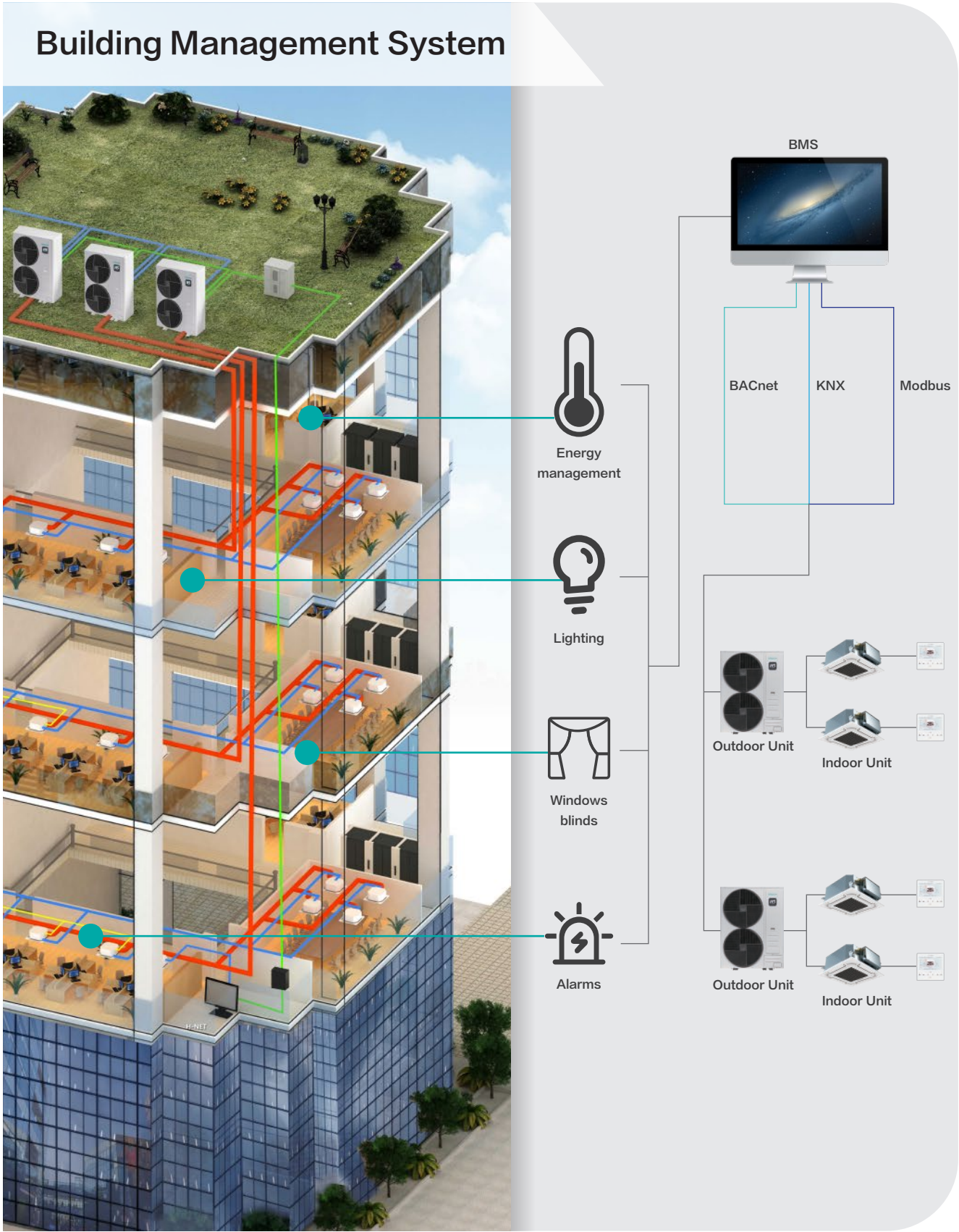
Easy to Share

- Operation data can be shared between mobile phones and PC.
- Operation data can be shared to the cloud for permanent storage. The cloud storage quota per user is 200MB(around 400 groups of project operational data).
- Operation date can be shared with others via a Share Code.



Specifications

Model	Dimension (LxWxH)	Net Weight	Power Supply	Connectable IDUs
HCCS-J64H2C3M	138 × 68 × 28mm	0.13kg	5V = 500mA	160



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	Air filter reminder
	Error code	Running hours counter
	Directly control of all indoor units	

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	 Inlet air temperature monitoring	 Alarm monitoring and code display
	 Temperature setting	 Airflow setting and monitoring	 Humidity control
	 Operating mode setting	 All units On-Off 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	☐ Humidification control	☐ All Units On/Off Control
	☐ Temperature Setting (0.5℃ adjustment)	☐ Operating Mode Setting	☐ Alarm Monitoring and Code Display
	☐ Airflow Setting (Auto/3 or 6 fan speed)	☐ Inlet Air Temp. Monitoring	

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	○ Heat/Dry/Fan/Cool/Auto mode
	○ Indoor unit data monitoring	○ 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, 1-Way Cassette, Console, Ceiling Ducted, Wall Mounted, Floor Standing	

Filter

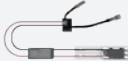
Filter model	Dimensions (LxWxD) mm	Applicable Models	Grade	Picture
HF-56MQE	343 × 343.5 × 15.0	Mini 4-Way Cassette	G4	
HF-160MQE	527 × 513.0 × 17.0	4-Way Cassette	G4	
HF-280L-FE	Filter: 1100x432.5x20 Frame: 1245x463	AVD-76/96HJDH AVA-48HJFDL-108/AVA-76HJFDL-168 AVA-96HJFDL-210/AVA-114HJFDL-300	G1	

Filter box model	Dimensions (L × W × H) mm	Applicable Models	Grade	Picture
HFB-96LFGDE	1339 × 384 × 462	AVD-76/96HJDH AVA-48HJFDL-108/AVA-76HJFDL-168 AVA-96HJFDL-210/AVA-114HJFDL-300	High-efficiency filter:HF-96HFGDE Coarse filter:HF-96LFGDE	
HFA-1080HP-XFE	1368 × 400 × 394	AVA-48HJFDL-108	G4+F7+F9	
HFA-3000HP-XFE	1236 × 400 × 502	AVA-76HJFDL-168/AVA-96HJFDL-210 AVA-114HJFDL-300	G4+F7+F9	

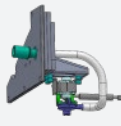
3D Air-flow Panel

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/50/60Hz			
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 and floor standing.	220~240V/50/60Hz			

NFC

Model	Applicable Models	Picture
HNFC-EA1	H5 neo Series	