Hisense

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

http://www.hisensehvac.com hhexport@hisense.com Hisense HVAC Hisense HVAC Hisense HVAC

HCAC-VRF-A202501T1

★ Design and specifications are subject to change without notice. Pictures and diagrams are for reference only and are subject to change without notice.
All rights reserved by Qingdao Hisense HVAC Equipment Co., Ltd.

Hisense HVAC



Hi-Smart

New breakthrough for comfort and beyond



Hisense SINCE 1969

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

SINCE 1969

BUSINESS OVERVIEW

Multimedia

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



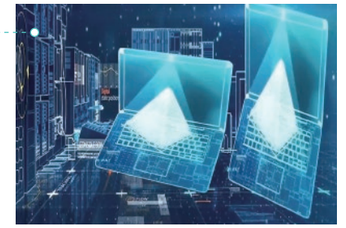
Household Appliances

Refrigerator
Freezer
Air-conditioner
Washing Machine
Kitchen Appliance



IT Smart Systems

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



Real Estate & Modern Services

Real Estate
High-end Shopping Mall Chain
Mould Design and Manufacturing
Finance
Trade



GLOBAL HISENSE SINCE 1969

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



Official Partner of
UEFA EURO 2016

Official Sponsor of
2018 FIFA World Cup

Official Partner of
UEFA EURO 2020



Official Sponsor of
2022 FIFA World Cup

Official Partner of
UEFA EURO 2024

Official Partner of
2025 FIFA World Cup



Hisense HVAC MANUFACTURING BASE

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

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

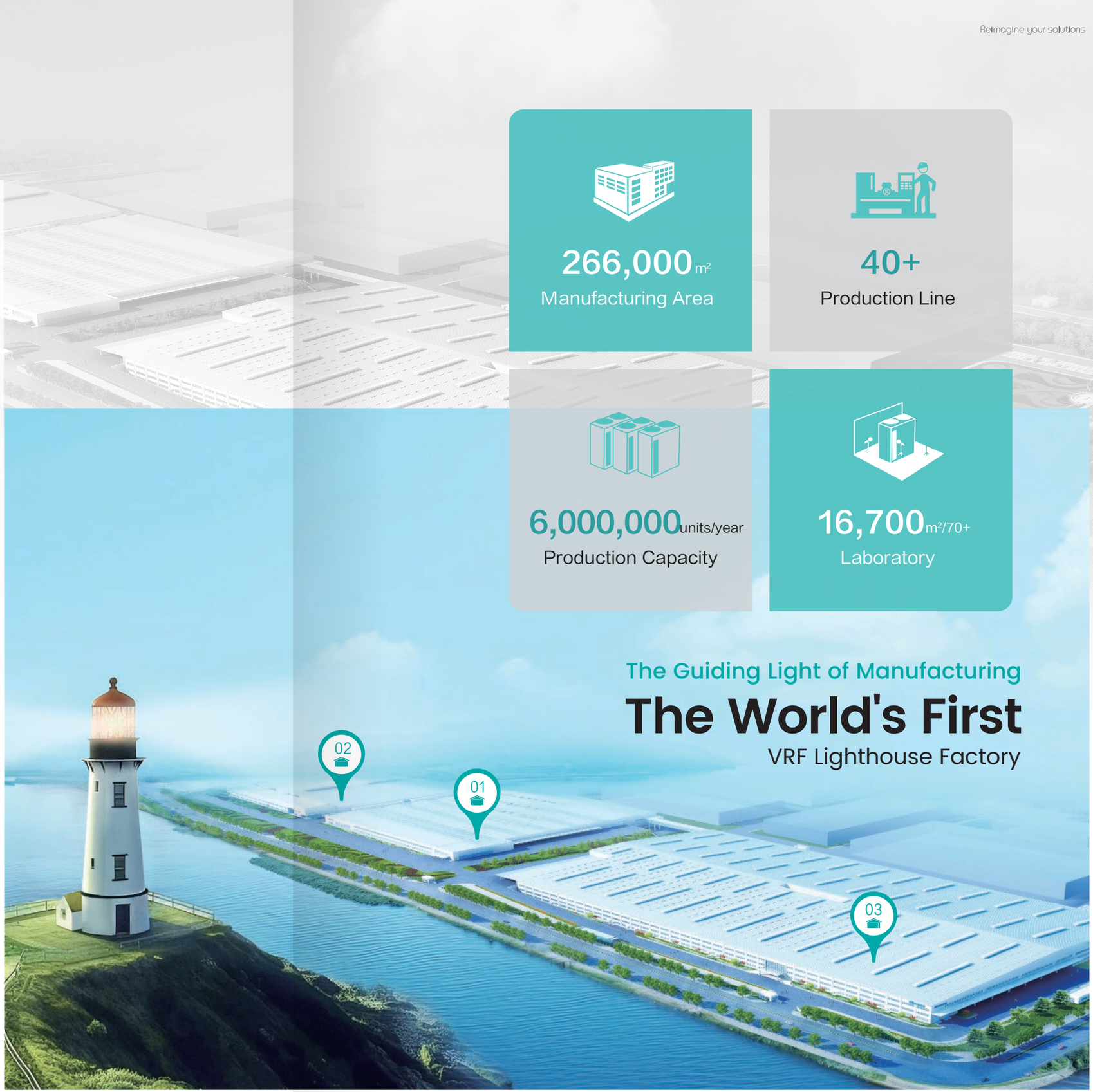
Note: The above data is as of Dec. 31th, 2024.

266,000 m^2
Manufacturing Area

40+
Production Line

6,000,000 units/year
Production Capacity

16,700 m^2/70+
Laboratory



The Guiding Light of Manufacturing

The World's First

VRF Lighthouse Factory

Hi-Smart

New breakthrough

for comfort and beyond

Contents

01 High efficiency

05 Reliable operation

09 Flexible design

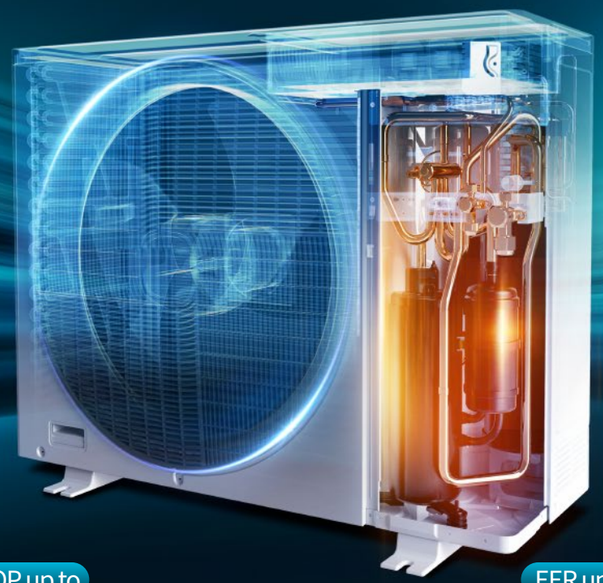
12 Easy installation and service

15 Outdoor units

17 Indoor units

45 Control systems

53 Accessories



COP up to

4.3

EER up to

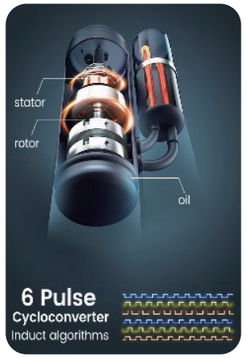
3.96

High Efficiency

Maximized Efficiency, Minimized Costs

Electromagnetic Heating Technology

Hisense's original internal electromagnetic heating technology is used without external heating tape. The lubricating oil is heated by the compressor's fixed rotor for higher heating efficiency, significantly reducing the low-temperature preheating time and power consumption.



High-speed DC Inverter Compressor

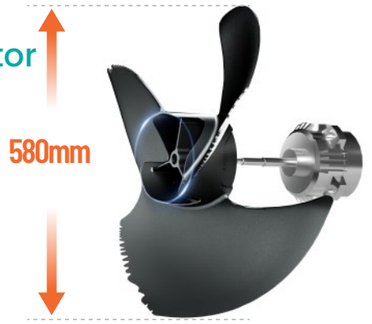
Hi-Smart A series adopts a high-speed DC inverter dual rotor compressor with a wide operating frequency (15Hz-130Hz), which effectively reduces operating noise and indoor temperature fluctuation and significantly improves comfort.



Wide Diameter Fan with DC Motor

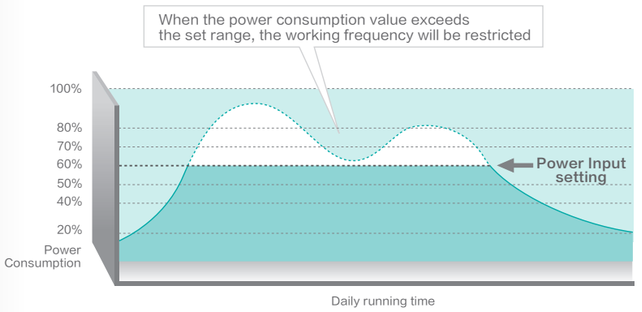
The outdoor unit features a new generation of wide-diameter fan, which is more energy-efficient at low speeds and offers greater cooling capacity at high speeds. The matched DC inverter motor enables precise, stepless speed regulation to ensure stable and efficient operation.

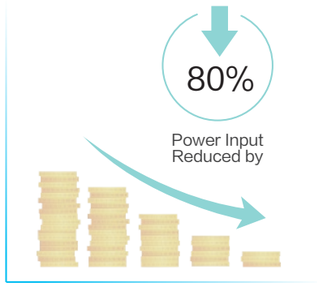
Note: 4-8HP ODU adopts 580mm diameter fan.



Energy-saving Mode

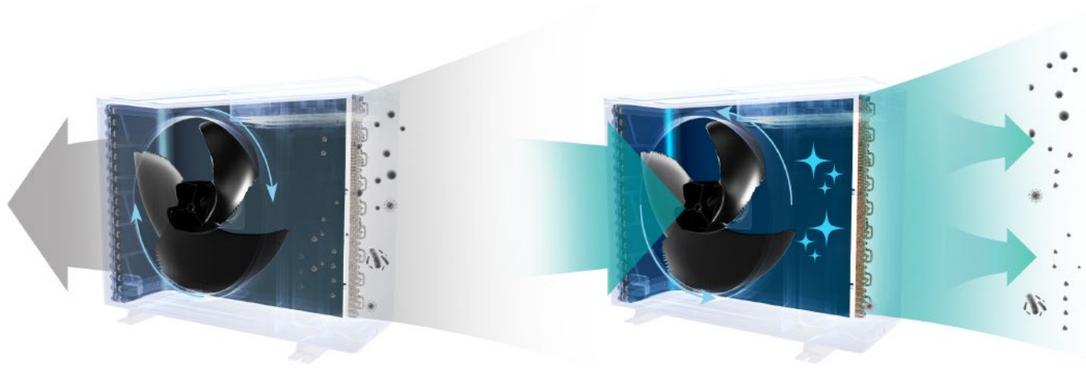
The energy-saving mode is a remarkable feature that optimises the AC system's capacity output according to peak and off-peak electricity rates or limit conditions. With multiple setting levels (20%-100%), it can achieve cost-effective operation without compromising home comfort.





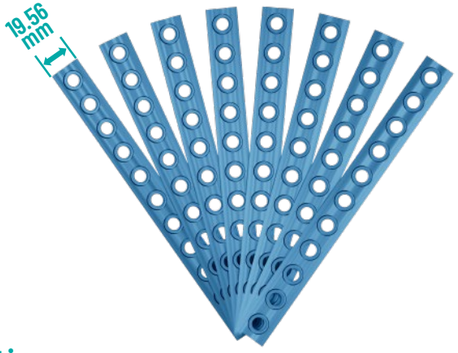
Dust-cleaning Technology

Keep your air conditioner performing at its best with Hi-Smart A'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 A.



New Corrugated Fin

With our commitment to fin technology innovation, the Hi-Smart A features the latest corrugated fins, which provide a 13% increase in heat exchange area and an increase in low-temperature heating capacity compared to traditional fins.



1W Standby Power Consumption

Hi-Smart A series uses optimized control scheme to further reduce standby power consumption to as low as 1W. The system intelligently enters 1W standby mode when the air conditioner is not in frequent use to avoid unnecessary waste.



Transition season



Holiday



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

Wide Capacity 8.0~22.4kW

Hi-Smart A series features a wide capacity range from 8 to 22.4 kW, making it ideal for projects of all sizes. Additionally, being a single-phase (PH1) product, it's perfect for residential use as well.

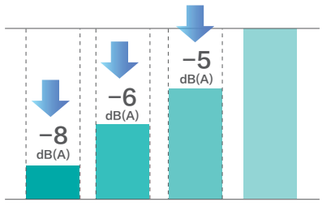


Outdoor Unit Noise Control

Low Noise Mode

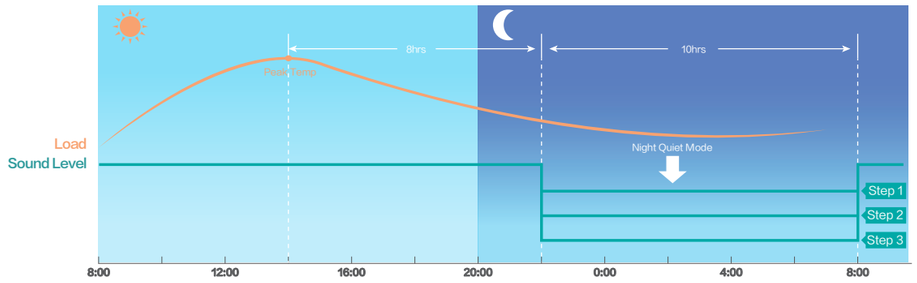
The Hi-Smart A series outdoor units feature a low-noise operation mode, which offers multiple adjustable levels. The highest level is capable of reducing noise by up to 8dB(A).
Users can flexibly set this mode at any time to meet their silent requirements during various periods.

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



Auto Night Quiet Mode

In general, people are more sensitive to noise at night. Night quiet mode can be activated when necessary, and the noise can be reduced by up to 8dB(A).



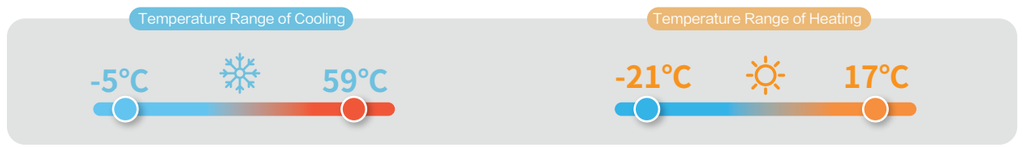
Step 1: 5dB(A) decreased; Step 2: 6dB(A) decreased; Step 3: 8dB(A) decreased.



Reliable Operation
Stable Performance

Wide Operation Range

The Hi−Smart A series boasts a wide operating temperature range, with cooling operations ranging from −5 to 59℃ DB and heating operations from −21 to 17℃ WB. Such a broad range ensures reliable performance in diverse conditions.



Integrated Refrigerant Cooling Design

This design employs aluminum direct cooling for the electrical modules, significantly reducing their temperature and enhancing the reliability of the outdoor unit's operation in high−temperature conditions.



Fast Start without Preheating

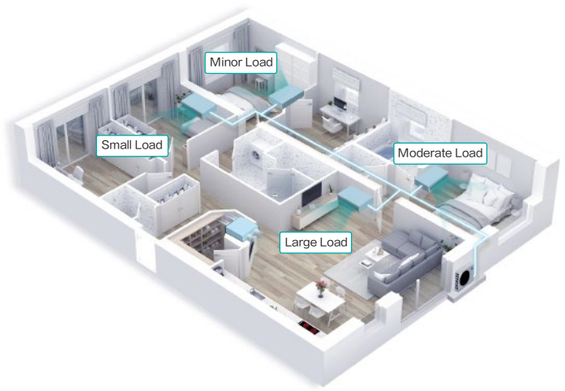
At an environment of −10℃, the Hi−Smart A outdoor unit does not require compressor preheating and can start heating operation immediately, providing you with instant warmth even in the cold winter. Additionally, this makes it more energy−efficient and stable compared to systems with traditional electric heating strips.



Stable Operation with Small Load

The compressor frequency is reduced to 15Hz, which allows for the free and smooth adjustment of the compressor speed according to the system capacity and the actual load in the room, in order to achieve a smaller power output.
This avoids the frequent starting and stopping of the compressor under low load conditions, thereby making the AC system operation more precise and stable.



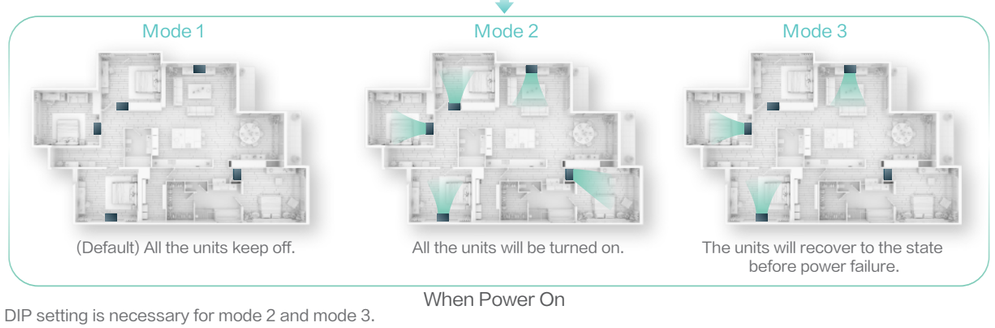


Automatic Restart

Hisense indoor units are capable to restart automatically to the previous state whenever the power supply is shut off suddenly and restored immediately. When there is an extended power outage, the default setting is to keep all the indoor units turned off when the power is restored. Additionally, users have two other options to choose from: either recovering to the state before the power failure or restarting all the indoor units.



Before Power Off



When Power On

* DIP setting is necessary for mode 2 and mode 3.

Anti-corrosion Solution (Optional)

Hi-Smart A series are given anti-corrosion treatment for non-extreme conditions as standard and can also be customised with heavy anti-corrosion treatment when installed in coastal regions to effectively improve durability. Thus, the product's lifespan is prolonged, and operational and maintenance costs are lower.



❶ Front/Side/Top Panel:
Anti-corrosion galvanized steel(Zirconium-based treatment +spray coating of epoxy zinc rich primer+spray coating of pure polyester paint)

❷ Heat Exchanger:
Anti-corrosion fin

❸ Fan Motor:
Coated with 10μm ~30μm acrylic resin coating

❹ Bottom Base Pan:
Anti-corrosion galvanized steel(Zirconium-based treatment +spray coating of epoxy zinc rich primer+spray coating of pure polyester paint)

❺ Pressure Vessel:
Anti-corrosion treated carbon steel(Zirconium-based treatment +spray coating of pure polyester paint or electrophoresis)

❻ Screw:
Anti-corrosion Stainless Steel(Spray Coating of DACROMET® ※Coating)

※ DACROMET® is a registered trademark of NOF METAL COATINGS GROUP, belonging to the Japanese Chemical Group.



Flexible Design

Scenario Versatility and Installation Simplicity

Flexible Air Discharge Directions

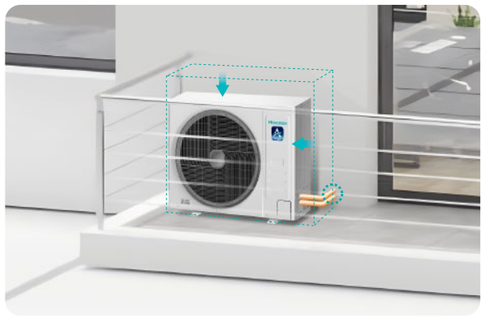
When the unit is installed in narrow spaces where discharged air is blocked by some obstacle, the well-designed air outlet guide can divert the airflow to up, left, or right directions to enhance the heat dissipation efficiency.

Note: The air outlet guide is an optional accessory.



Compact Size for Space-saving

With its compact size, the Hi-Smart A's outdoor unit takes up less space, freeing up your balcony or backyard for other essentials. Furthermore, the outdoor units require just a pair of pipes to connect to multiple indoor units, which reduces wall damage and enhances the aesthetic appeal of buildings.



Hi-Smart A

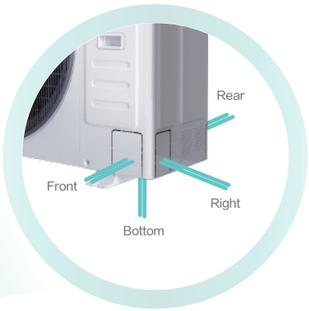


Multi-split

Four-way Piping Connection

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

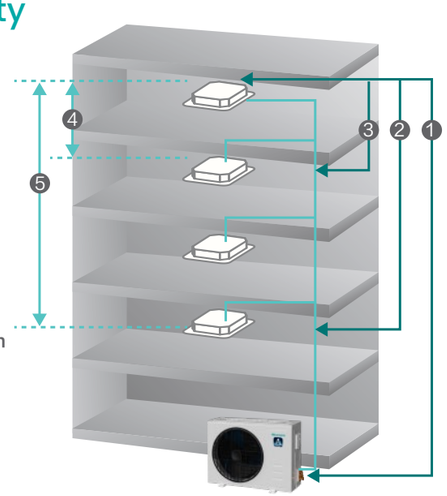




Long Piping for Design Flexibility

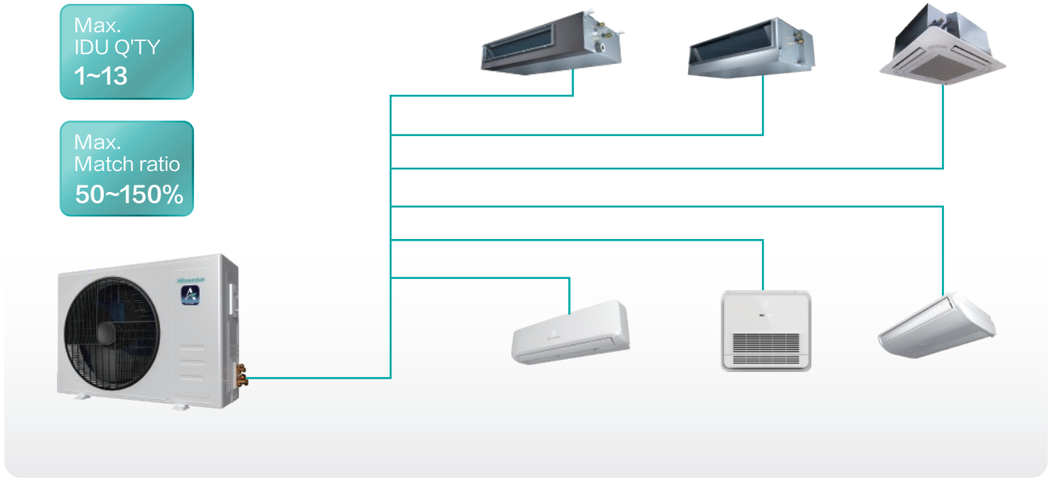
The Hi-Smart A provides long piping length possibility of 75m, with a total piping length of 120m.The height difference between the indoor unit and the outdoor unit can reach a maximum of 30m.These generous allowances make system design more flexible compared to the Multi-split system.

❶ Max.piping length：**75m**
❷ Length between the first Branch Pipe and the farthest IDU：**30m**
❸ Length between IDU and the nearest branch pipe：**15m**
❹ Height difference between IDUs：**15m**
❺ Height difference between ODU and IDU：**30m**



Wide Range of Connectable Indoor Units

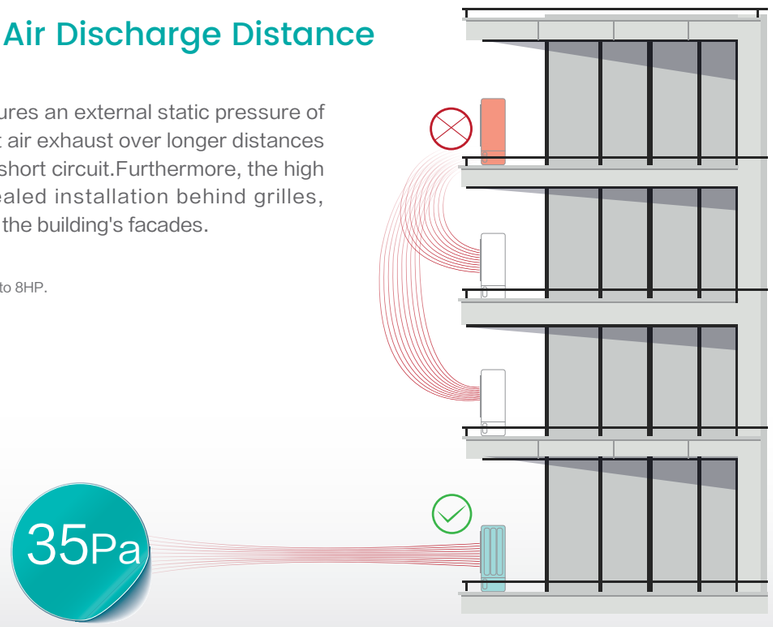
Available for Hi-Smart A mini VRF system, our extensive range of indoor units comprises multiple types ranging from 1.5 kW to 16 kW to provide additional design flexibility.



Further Air Discharge Distance

Hi-Smart A series features an external static pressure of 35Pa, enabling efficient air exhaust over longer distances and preventing airflow short circuit.Furthermore, the high ESP allows for concealed installation behind grilles, minimizing disruption to the building's facades.

Note: 35Pa ESP is available for 4 to 8HP.

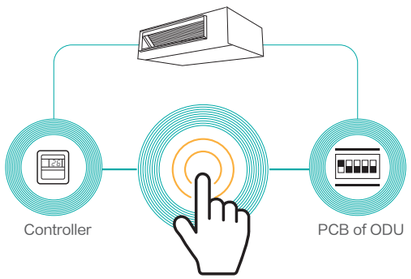




Easy Installation and Service

One-touch Test Run

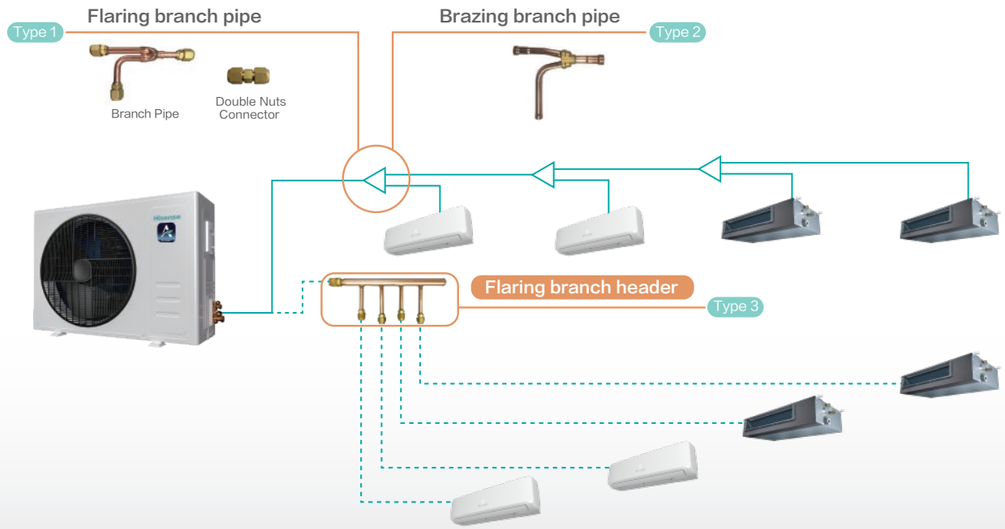
Test running is an essential part of the commissioning process to ensure the steady and safe operation of the air-conditioning system before handing over or soft opening. To simplify the test run, it can be initiated with a single button press on the wired controllers or outdoor unit's PCB. This user-friendly feature streamlines the test running process.



- One-touch test run through wired controller.
- One-touch test run from outdoor unit.

Multiple Piping Connection Types

Hi-Smart A series offers three piping connection options:
flaring branch pipe, brazing branch pipe, and flaring branche headers, providing installers with multiple choices.
The universal use of the head branches facilitates quick and convenient connection to pre-buried refrigerant pipelines, making it an excellent fit for real estate projects.



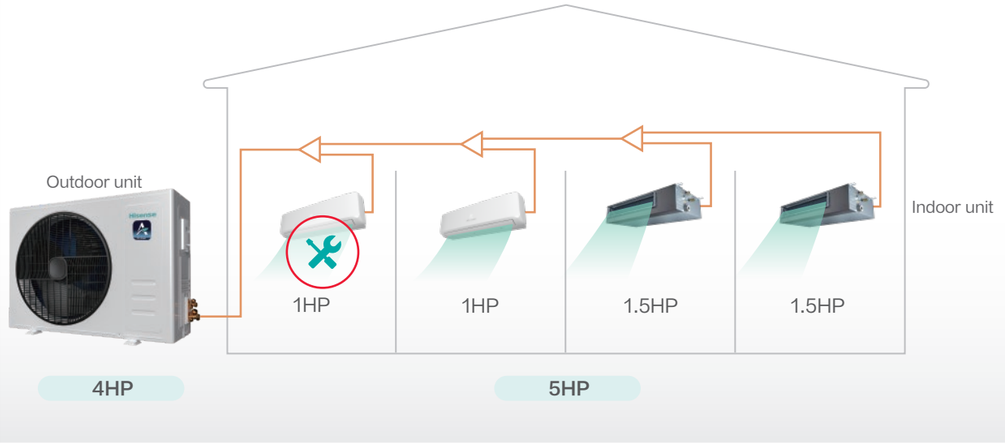
H-Net Communication without Polarity

The Hi-Smart A series utilizes no-polarity twisted pair wires to prevent incorrect connections, resulting in streamlined installation and time savings.



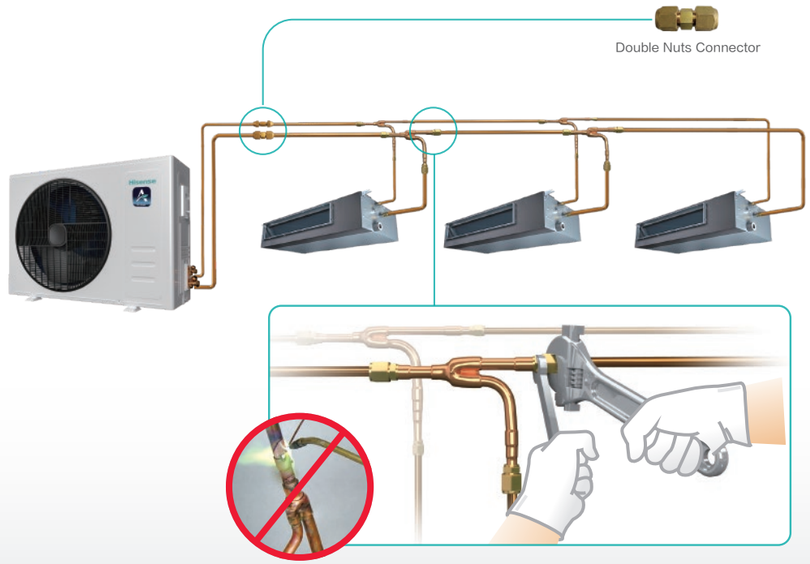
Independent Maintenance of Indoor Unit

If an indoor unit malfunctions, the Hi-Smart A system can stop that unit without affecting the rest of the VRF system, allowing the other indoor units to continue operating normally.



Brazing Free for Easier Installation

All flare connection based branch headers eliminate the need for on-site brazing, resulting in swift, safe, and quality installation.



Outdoor Unit





HP			3	3.5	4	5	6
Model			AVW-27HJFAE1	AVW-34HJFAE1	AVW-42HJFAE1	AVW-48HJFAE1	AVW-54HJFAE1
Power Supply			AC 1Φ, 220V-240V/50/60Hz				
Cooling	Capacity	kW	8.0	10.0	12.1	14.0	15.5
		kBtu/h	27.3	34.1	41.3	47.8	52.9
	Power Input	kW	2.02	2.67	3.32	3.89	4.38
	EER	kW/kW	3.96	3.74	3.65	3.60	3.54
Heating	Capacity	kW	9.5	11.2	14.0	16.0	17.0
		kBtu/h	32.4	38.2	47.8	54.6	58.0
	Power Input	kW	2.26	2.67	3.25	3.95	4.25
	COP	kW/kW	4.20	4.20	4.30	4.05	4.00
Air Flow Rate		m^3/min	45	45	75	75	75
Sound Pressure Level (Cooling/Heating)		dB(A)	52/54	53/55	54/55	54/55	54/56
Refrigerant	Type	–	R410A				
	Pre-charged Quantity	kg	1.8	1.8	2.0	3.0	3.0
Weight	Net Weight	kg	50	52	64	71	71
	Gross Weight	kg	54	55	77	83	83
Dimensions	External (H×W×D)	mm	670×900×320		770×980×360		
	Packing (H×W×D)	mm	717×1056×427		920×1100×505		
Ref. Piping	Gas	mm	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88
		inch	5/8	5/8	5/8	5/8	5/8
	Liquid	mm	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53
		inch	3/8	3/8	3/8	3/8	3/8
Connectable Indoor Units	Quantity	pcs	1~5	1~6	1~7	1~9	1~10
	Connection Ratio	–	50%~150%				
Piping Design	Max. total piping Length	m	40	40	60	70	70
	Max. piping Length	m	25	25	50	60	60
	Height Difference Between ODU and IDU	m	20	20	30	30	30
	Height Difference Between IDUs	m	10	10	15	15	15
Operation Range	Cooling	DB	-5~59 ℃*				
	Heating	WB/DB	-21~17℃/-20~23℃				

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.※When outdoor ambient temperature is 55~59℃,Cooling operates intermittently.

HP			6.5	7	8
Model			AVW-63HJFAE1	AVW-68HJFAE1	AVW-76HJFAE1
Power Supply			AC 1Φ, 220V-240V/50/60Hz		
Cooling	Capacity	kW	18.1	20.0	22.4
		kBtu/h	61.8	68.2	76.4
	Power Input	kW	5.14	6.13	7.94
	EER	kW/kW	3.52	3.26	2.82
Heating	Capacity	kW	20.0	22.4	25.0
		kBtu/h	68.2	74.6	85.3
	Power Input	kW	5.05	5.85	6.65
	COP	kW/kW	3.95	3.80	3.75
Air Flow Rate		m^3/min	93	93	93
Sound Pressure Level (Cooling/Heating)		dB(A)	56/58	57/60	57/60
Refrigerant	Type	–	R410A		
	Pre-charged Quantity	kg	3.8	3.8	3.8
Weight	Net Weight	kg	97	97	97
	Gross Weight	kg	110	110	110
Dimensions	External (H×W×D)	mm	1080×980×360		
	Packing (H×W×D)	mm	1230×1100×505		
Ref. Piping	Gas	mm	Φ19.05	Φ19.05	Φ19.05
		inch	3/4	3/4	3/4
	Liquid	mm	Φ9.53	Φ9.53	Φ9.53
		inch	3/8	3/8	3/8
Connectable Indoor Units	Quantity	pcs	1~11	1~12	1~13
	Connection Ratio	–	50%~150%		
Piping Design	Max. total piping Length	m	120	120	120
	Max. piping Length	m	75	75	75
	Height Difference Between ODU and IDU	m	30	30	30
	Height Difference Between IDUs	m	15	15	15
Operation Range	Cooling	DB	-5~59 ℃*		
	Heating	WB/DB	-21~17℃/-20~23℃		

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

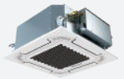
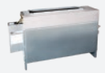
Heating conditions: indoor air inlet temperature: 20℃ DB, Outdoor air inlet temperature: 7℃ DB 6℃ WB, pipe length: 7.5m, pipe height difference : 0m

2.※When outdoor ambient temperature is 55~59℃,Cooling operates intermittently.

I INDOOR UNITS



Indoor Units Line-up

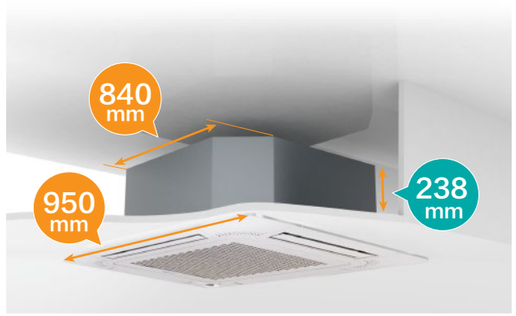
HP		0.6	0.8	1.0	1.3	1.5	1.6	1.8	1.9	2.0	2.3	2.5	3.0	3.0	3.3	4.0	4.5	5.0	6.0
kBtu/h		5	7	9	12	14	15	17	18	19	22	24	27	28	30	38	42	48	54
4-Way Cassette				●	●		●			●	●	●	●		●	●		●	●
Mini 4-Way Cassette		●	●	●	●		●	●		●									
1-Way Cassette			●	●	●	●			●			●							
2-Way Cassette			●	●	●	●			●			●	●		●	●		●	●
Console		●	●	●	●		●	●											
Ceiling Ducted (AC Low-height)		●	●	●	●		●	●		●	●	●							
Ceiling Ducted (DC Low-height)		●	●	●	●		●	●		●	●	●							
Ceiling Ducted (DC High Static Pressure)			●	●	●		●			●		●			●	●	●	●	●
Ceiling Ducted (High Static Pressure)			●	●	●		●			●	●	●	●		●	●		●	●
Ceiling Ducted (Low Static Pressure)			●	●	●		●			●	●	●	●		●	●		●	●
Wall Mounted		●	●	●	●		●		●	●		●		●					
Ceiling & Floor								●	●		●	●	●		●	●		●	
Floor Concealed				●		●			●			●							

Note: More specific capacity information, please see the introduction of each indoor unit.

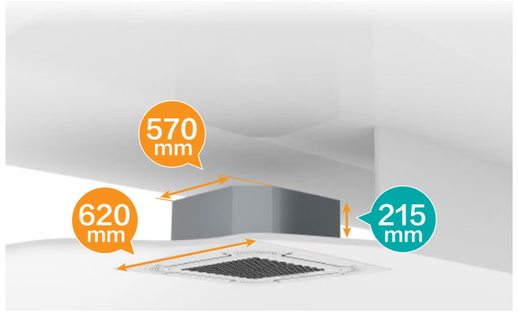
4-Way Cassette
Mini 4-Way Cassette

Compact and Classy Design

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



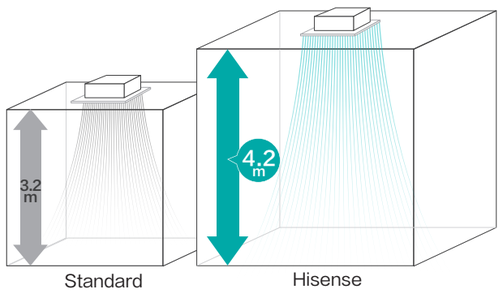
4-way Cassette



Mini 4-way Cassette

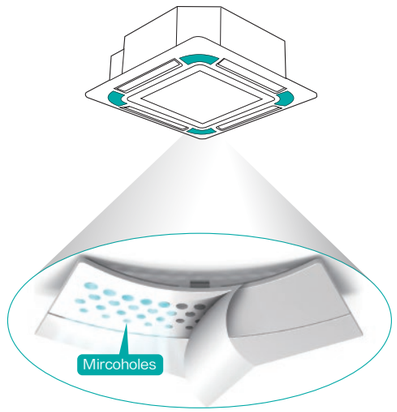
Higher Installation

Air from the cassette can flow down from ceiling heights as high as 4.2m. And it's suitable for working with motion sensors.



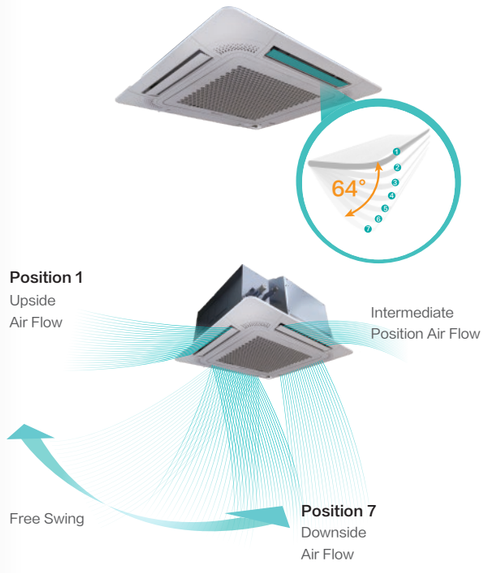
Breeze Mode

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.



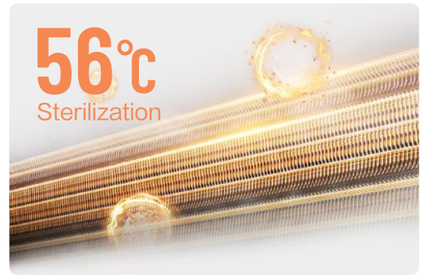
Individual Louvers Control

4-way cassettes 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 layout. Each louvers have 7 angle settings and maximum angle reach at 64°.



Healthy Air

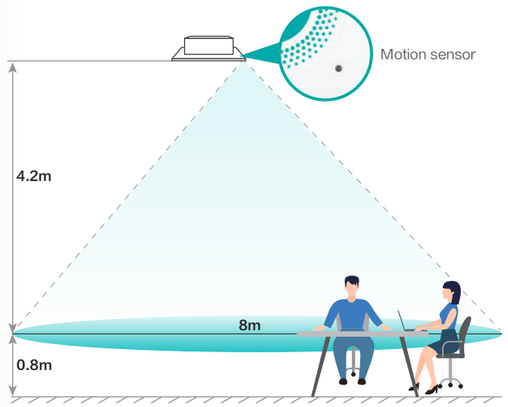
The cassette unit is featured with self-cleaning. By simply pressing a button on the controller, the unit can be refreshed, saving any labor costs. Moreover, it can achieve high temperature sterilization at 56℃, ensuring clean and healthy airflow.

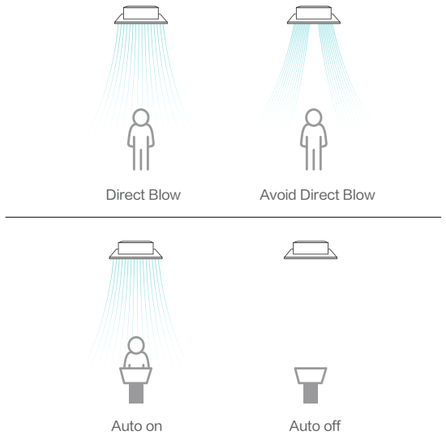




Motion Sensor(optional)

The sensor senses the presence of people to automatically turn the cassette unit on or off and whether to direct airflow towards or avoiding humans depend settings set on the controller. During crowded times, the setting temperature is automatically lowered down and vise versa.





4-Way Cassette

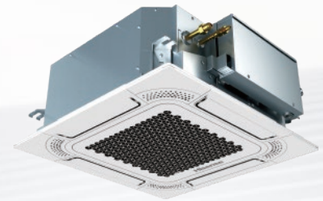


Model			AVBC-09 HJDBA	AVBC-12 HJDBA	AVBC-15 HJDBA	AVBC-19 HJDBA	AVBC-22 HJDBA	AVBC-24 HJDBA	AVBC-27 HJDBA	AVBC-30 HJDBA	AVBC-38 HJDBA	AVBC-48 HJDBA	AVBC-54 HJDBA
Power supply			AC 1Φ, 220V~240V/50Hz/60Hz										
Capacity	Cooling	kW	2.8	3.6	4.5	5.6	6.3	7.1	8.0	9.0	11.2	14.0	16.0
		Btu/h	9,600	12,300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

Notes:

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

Mini 4-Way Cassette



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

Notes:

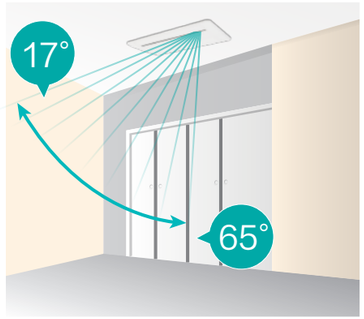
1. The nominal cooling capacity and heating capacity are based on following conditions:
   Cooling Operation Conditions
   Indoor Air Inlet Temperature: 27℃ DB (80°F DB), 19.0℃ WB (66.2°F WB)
   Outdoor Air Inlet Temperature: 35℃ DB (95°F DB)
   Piping Length: 7.5 Meters Piping Lift: 0 Meter
   Heating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

1-Way Cassette

Even Air Supply

Louvers are consist of horizontal and vertical flaps to supply air evenly to the edges of any rooms. Wider opening angle from 17° to 65° supplies air further and lower down to floor needed during heating modes.





Easier Maintain

The electric box of the cassette is designed and placed beneath the panel. When operate on PCB, it just needs to open the panel and the cover of box. It's easy to take the service, maintenance and commissioning.



Space Saving

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



1-Way Cassette



Model				AVY-07UXJSJA	AVY-09UXJSJA	AVY-12UXJSJA	AVY-14UXJSJA	AVY-18UXJSKA	AVY-24UXJSKA
Power Supply				AC 1Φ, 220-240V/50Hz/60Hz					
Capacity	Cooling		kW	2.2	2.8	3.6	4.5	5.6	7.1
			Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
	Heating		kW	2.5	3.2	4.0	5.0	6.3	8.0
			Btu/h	8,500	10,900	13,600	17,100	21,500	27,300
Power Input	Cooling		W	14	14	24	34	34	74
	Heating		W	14	24	34	44	44	94
Sound Pressure			dB(A)	33/32/31/30/29/28	35/34/32/31/29/28	40/36/35/33/30/29	40/36/35/33/30/29	41/39/36/35/33/31	48/46/43/40/37/33
Airflow Rate			m^3/min	6.2/5.9/5.6/ 5.1/4.8/4.6	6.6/6.2/5.6/ 5.1/4.8/4.6	8.3/7.3/6.8/ 6.2/5.6/5.1	8.3/7.3/6.8/ 6.2/5.6/5.1	12.1/9.9/8.8/ 8.2/7.8/6.6	15.6/12.6/11.2/ 9.9/8.4/7.1
Piping	Connection Type		-	Flare-nut Connection (with Flare Nuts)					
	Liquid		mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53
			inch	1/4	1/4	1/4	1/4	1/4	3/8
	Gas		mm	Φ12.70	Φ12.70	Φ12.70	Φ12.70	Φ15.88	Φ15.88
			inch	1/2	1/2	1/2	1/2	5/8	5/8
	Condensate Drain		mm	I.D.32					
Weight	Net Weight		kg	19	19	20	20	24	24
	Gross Weight		kg	23	23	24	24	29	29
Dimensions	External	H	mm	192	192	192	192	192	192
		W	mm	910	910	910	910	1180	1180
		D	mm	470	470	470	470	470	470
	Packaging	H	mm	268	268	268	268	268	268
		W	mm	1136	1136	1136	1136	1406	1406
		D	mm	574	574	574	574	574	574
Decoration Panel	Model		-	HP-D-NA	HP-D-NA	HP-D-NA	HP-D-NA	HP-E-NA	HP-E-NA
	Panel Colour		-	Neutral White					
	Body Dimensions	H	mm	55	55	55	55	55	55
		W	mm	1100	1100	1100	1100	1370	1370
		D	mm	550	550	550	550	550	550
	Packaging Dimensions	H	mm	130	130	130	130	130	130
		W	mm	1160	1160	1160	1160	1430	1430
		D	mm	610	610	610	610	610	610
	Net Weight		kg	5	5	5	5	6	6
	Gross Weight		kg	8	8	8	8	10	10

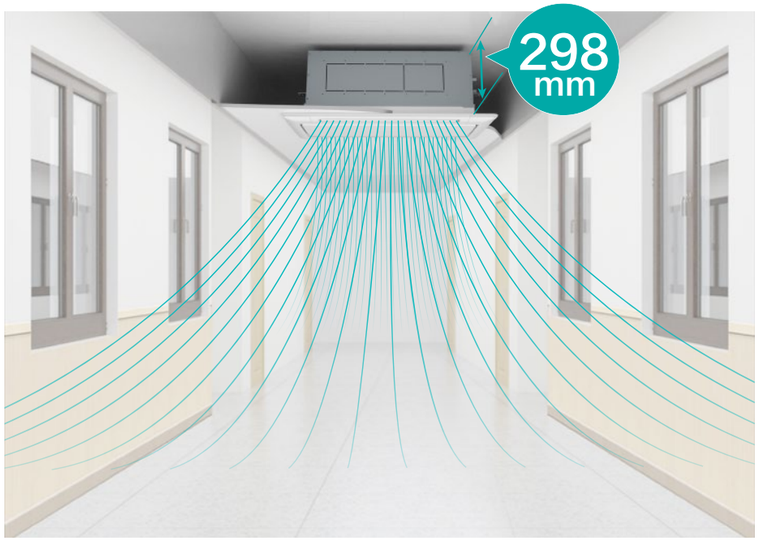
Notes:

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

2-Way Cassette

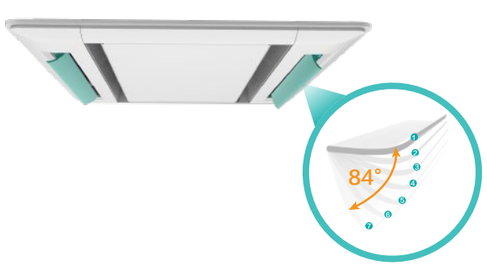
Compact and Classy Design

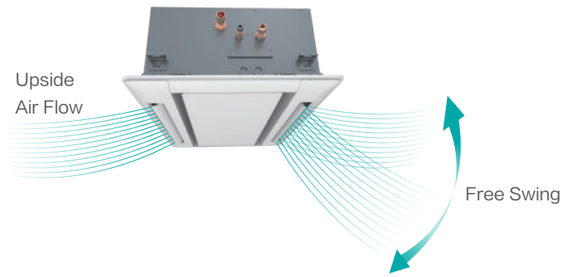
The slim structure of the cassette having height as low as 298mm can be installed in ceiling spaces with a minimum of 310mm. Narrow corridors or zoned spaces are best fitted with 2 way cassette due to its compact design.



Independent Louvers Control

Each louver's opening angles are controllable individually with a total of 7 choices, with opening angle from 27° to 84° to cover high ceiling narrow long corridors needs and effective warm air supply during winter seasons.





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 1Φ, 220-240V/50Hz/60Hz										
Capacity	Cooling		kW	2.2	2.8	3.6	4.3	5.6	7.1	8.4	9.0	11.2	14.0	16.0
			Btu/h	7,500	9,600	12,300	14,700	19,100	24,200	28,700	30,700	38,200	47,800	54,600
	Heating		kW	2.8	3.3	4.0	4.9	6.5	8.0	9.0	10.0	13.0	16.0	18.0
			Btu/h	9,600	11,300	13,600	16,700	22,200	27,300	30,700	34,100	44,400	54,600	61,400
Power Input	Cooling		W	14	14	14	24	34	44	64	74	84	104	114
	Heating		W	14	14	14	24	34	44	64	74	84	104	114
Sound Pressure			dB(A)	32/30/ 29/27	33/30/ 29/28	34/31/ 30/28	40/37/ 34/32	42/39/ 36/33	45/42/ 40/36	47/44/ 40/36	49/46/ 42/37	46/44/ 40/38	48/45/ 42/38	49/46/ 43/40
Airflow Rate			m^3/min	10.0/8.5/ 7.2/6.0	11.0/9.4/ 8.2/6.6	12.0/10.5/ 8.9/7.5	15.0/13.2/ 11.5/9.9	17.0/14.9/ 13.0/11.2	19.0/16.4/ 14.3/12.3	21.0/18.4/ 15.6/12.6	22.0/19.3/ 16.3/13.1	30.0/26.4/ 23.1/19.8	35.0/30.8/ 26.9/21.1	37.0/32.5/ 28.4/24.1
	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	1660	1660	1660
		D	mm	710	710	710	710	710	710	710	710	710	710	710
	Packaging Dimensions	H	mm	160	160	160	160	160	160	160	160	160	160	160
		W	mm	1170	1170	1170	1170	1170	1170	1170	1170	1710	1710	1710
		D	mm	740	740	740	740	740	740	740	740	740	740	740
	Net Weight		kg	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	10.5	10.5	10.5
	Gross Weight		kg	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	17.8	17.8	17.8

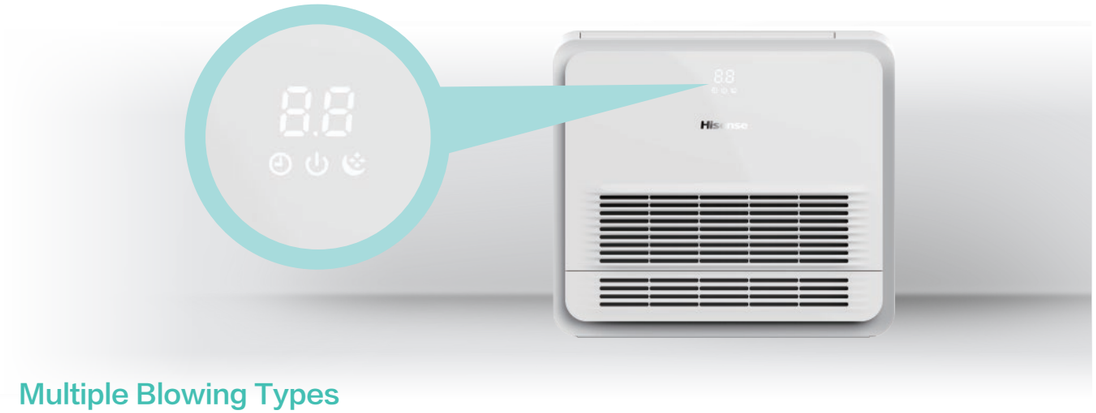
Notes:

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

Console

Stylish Design

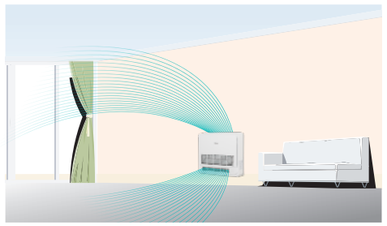
With smooth white cover, LED shown and temperature display, the console unit is an super stylish air-conditioning, which is suitable for the residential or commercial applications which need an unit installed on or close to the floor.

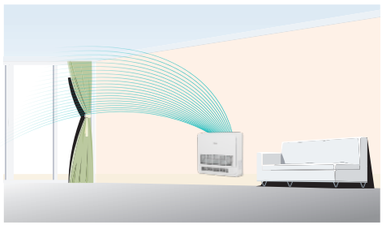


Multiple Blowing Types

Cooling Mode

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

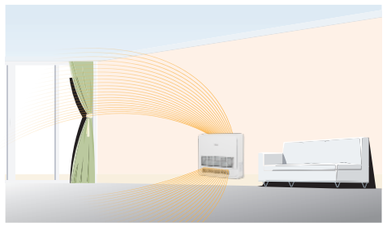




*Note: During cooling mode, the lower air louver will close automatically after the indoor unit operates in low fan speed mode for an hour. Otherwise it will keep open.

Heating Mode

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





*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.



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

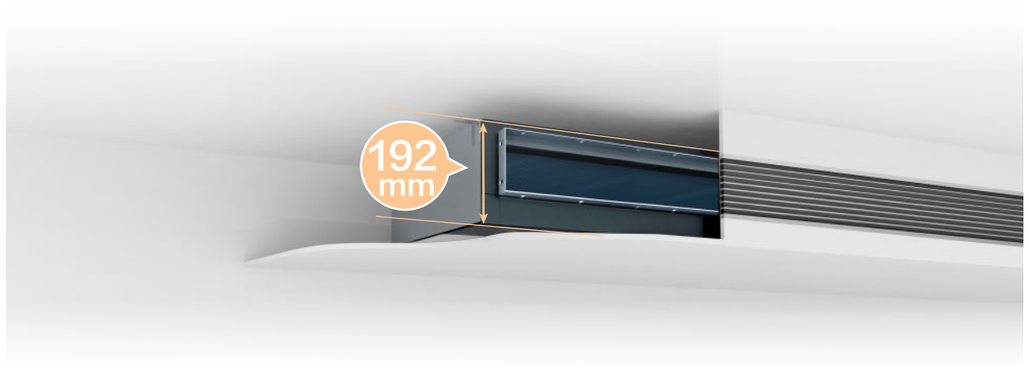
Notes:

1. The nominal cooling capacity and heating capacity are based on the following conditions:
   Cooling Operation Conditions
   Indoor Air Inlet Temperature: 27℃ DB (80°F DB), 19.0℃ WB (66.2°F WB)
   Outdoor Air Inlet Temperature: 35℃ DB (95°F DB)
   Piping Length: 7.5 Meters Piping Lift: 0 Meter
   Heating Operation Conditions
   Indoor Air Inlet Temperature: 20℃ DB (68°F DB)
   Outdoor Air Inlet Temperature: 7℃ DB (45°F DB), 6℃ WB (43°F WB)
2. The sound pressure level is based on following conditions:
   It is measured in anechoic room. Operation noise differs with operation and ambient conditions.
   Location of Microphone:

Ceiling Ducted (AC/DC Low Height)

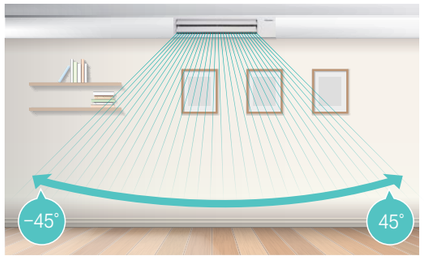
Space Saving

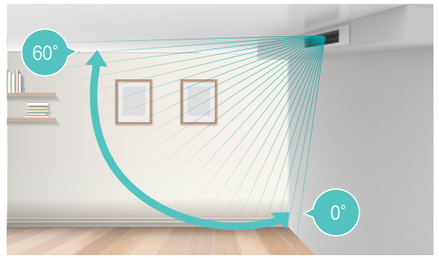
Concealed AC/DC Low Height Ducted unit is as slim as 192mm, fitting into the narrowest ceiling spaces. Save ceiling spaces for higher room height without compromising user's comfort and satisfaction.

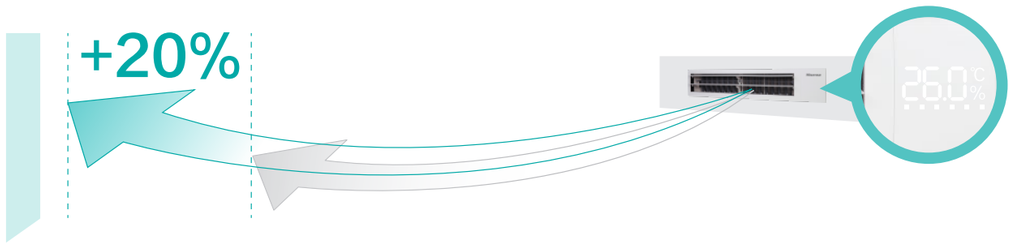


3D Air Flow

Classy air discharge louver panel with LED temperature and humidity display is available as an optional accessory for the AC/DC Low Height 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.







Smart & Precise Temperature Control

To prevent the human height area of the room cools or warms to user's ideal temperature setting. Two Temperature Sensor Control Technology is integrated into the unit whereby the controller, and return section consist of built in temperature sensors to send real−time signals to the unit for a more precise supplying temperature.



Hisense VRF



Conventional

Low Noise

Embrace the whisper−quiet operation of Hisense ceiling ducted units, where sound levels dip to as low as 21dB(A), softer than a rustling leaf. Our technology redefines your peaceful living by ensuring your comfort is never compromised by unwanted noise.



Ceiling Ducted (AC Low Height)



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

Notes:

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

Ceiling Ducted (DC Low Height)



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

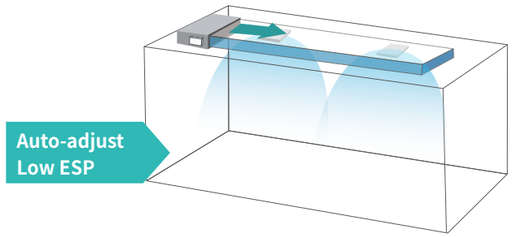
Notes:

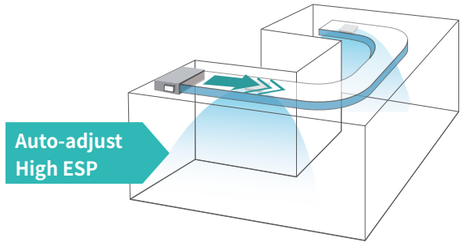
1. The nominal cooling capacity and heating capacity are based on the following conditions:
   Cooling Operation Conditions
   Indoor Air Inlet Temperature: 27℃ DB (80°F DB), 19.0℃ WB (66.2°F WB)
   Outdoor Air Inlet Temperature: 35℃ DB (95°F DB)
   Piping Length: 7.5 Meters Piping Lift: 0 Meter
   Heating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

Ceiling Ducted (DC Dynamic Static Pressure)

Auto-adjust External Static Pressure

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

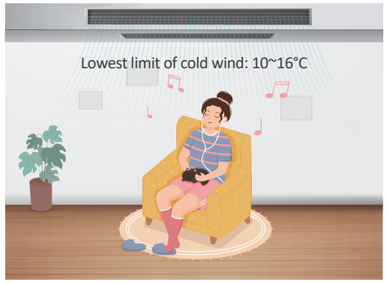




Cold Wind Limit Setting

Thanks to the Cold Wind Limit Setting function, the lowest limit of the outlet air temperature can be set in the range of 10~16℃, which can ensure that the actual outlet temperature will never be lower than the set value, and avoid uncomfortable feeling caused by the direct blowing of cold wind.





New Improved Bendable Filters

Filters that comes with the units are now optimized to be bendable by improving the material's malleability to improve installation flexibility in narrow ceiling height and restricted spaces.



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.



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
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
			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
	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
			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
Power Input	Cooling		W	40	40	55	55	55	82	74	100	132	180	180	223
	Heating		W	40	40	55	55	55	82	74	100	132	180	180	223
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
Airflow Rate			m^3/min	9/8/6.8/6.3/5.8/5.3	9/8/6.8/6.3/5.8/5.3	12/11/10/9/8/7.2	12/11/10/9/8/7.2	14.5/13/11.5/10.5/9.5/8.7	19/17/15/13/11/9.5	20.6/19/17/15/13.8/12.5	25/23/21/19/17/15	28/25/23/21/19/17	35.5/32.5/29.5/26.5/23.5/20.5	35.5/32.5/29.5/26.5/23.5/20.5	39/35.5/31/26.5/23.5/21.8
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)					
Piping	Connection Type		–	Flare-Nut Connection(With Flare Nut)											
	Liquid		mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53
			inch	1/4	1/4	1/4	1/4	1/4	3/8	3/8	3/8	3/8	3/8	3/8	3/8
	Gas		mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88	Φ15.88
			inch	1/2	1/2	1/2	1/2	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8
	Condensate Drain		–	I.D. 32											
Weight	Net Weight		kg	23	23	24	24	30	30	40	40	40	49	49	49
	Gross Weight		kg	29	29	29	29	37	37	48	48	48	57	57	57
Dimensions	External	H	mm	270	270	270	270	270	270	300	300	300	300	300	300
		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
		D	mm	720	720	720	720	720	720	800	800	800	800	800	800
	Packing	H	mm	385	385	385	385	385	385	415	415	415	415	415	415
		W	mm	895	895	895	895	1140	1140	1345	1345	1345	1640	1640	1640
		D	mm	870	870	870	870	870	870	950	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)
   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.

Ceiling Ducted (High/Low Static Pressure)

Flexible Air Duct Layout

High static pressure facilitates extensive ducts and air outlets network, effectively sends air-conditioned air to every corner of the room.



New Improved Bendable Filters

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



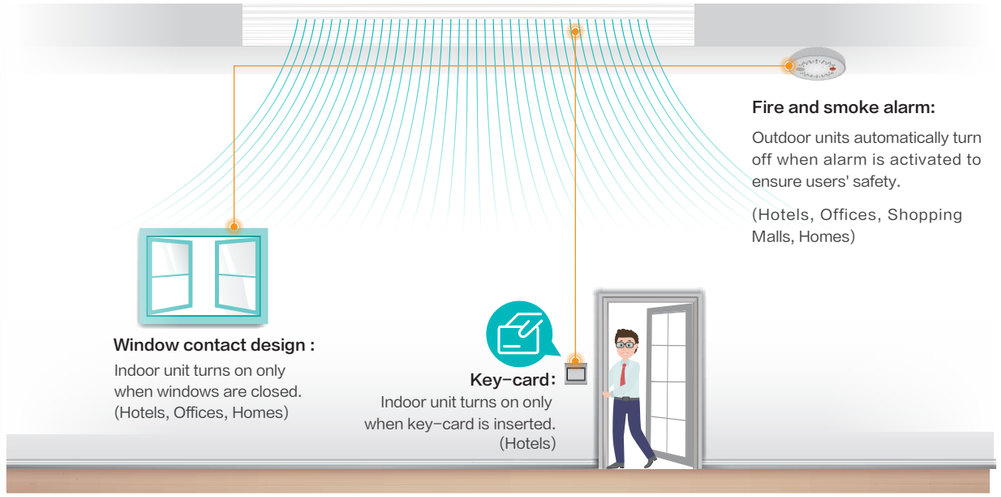
Fresh Air Introducing

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



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.

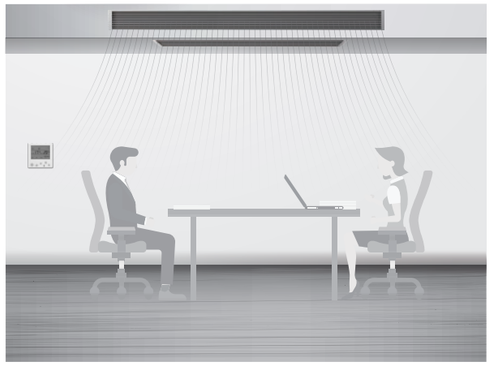


Smart & Precise Temperature Control

To prevent the human height area of the room cools or warms to user's ideal temperature setting. Two Temperature Sensor Control Technology is integrated into the unit whereby the controller, and return section consist of built in temperature sensors to send real-time signals to the unit for a more precise supplying temperature.

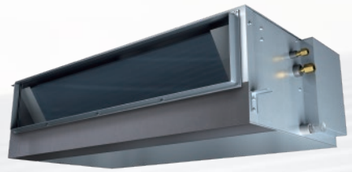


Hisense VRF



Conventional

Ceiling Ducted (High Static Pressure)



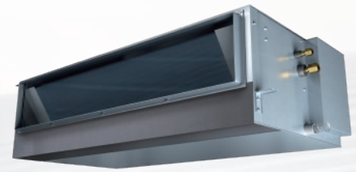
Model			AVD-07 HCFCH	AVD-09 HCFCH	AVD-12 HCFCH	AVD-15 HCFCH	AVD-19 HCFCH	AVD-22 HCFCH	AVD-24 HCFCH	AVD-27 HCFCH	AVD-30 HCFCH	AVD-38 HCFCH	AVD-48 HCFCH	AVD-54 HCFCH
Power Supply			AC 1Φ, 220V~240V/50Hz											
Capacity	Cooling	kW	2.2	2.8	3.6	4.5	5.6	6.3	7.1	8.0	9.0	11.2	14.0	16.0
		Btu/h	7,500	9,600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

Notes:

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

2. The sound pressure level is based on the following conditions: 1.5m beneath the unit.
With discharge duct (2.0m) and return duct (1.0m).
The above data was measured in an anechoic chamber so that the reflected sound should be taken into consideration in the field.
3. When bottom air inlet is adopted, the sound pressure will increase according to factors such as installation mode and the room structure.

Ceiling Ducted (Low Static Pressure)



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

Notes:

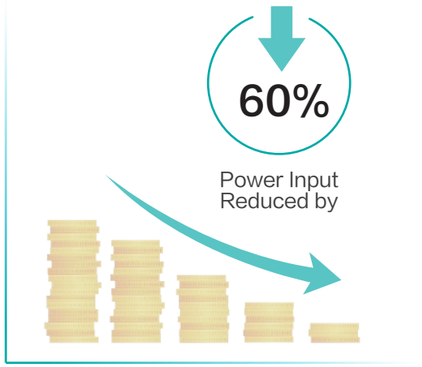
1. The nominal cooling capacity and heating capacity are based on the following conditions:
Cooling Operation Conditions
Indoor Air Inlet Temperature: 27℃ DB(80°F DB), 19.0℃ WB(66.2°F WB)
Outdoor Air Inlet Temperature: 35℃ DB(95°F DB)
Piping Length: 7.5 Meters Piping Lift: 0 Meter
Heating Operation Conditions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

2. The sound pressure level is based on the following conditions: 1.5m beneath the unit.
With discharge duct (2.0m) and return duct (1.0m).
The above data was measured in an anechoic chamber so that the reflected sound should be taken into consideration in the field.
3. When bottom air inlet is adopted, the sound pressure will increase according to factors such as installation mode and the room structure.

Wall Mounted

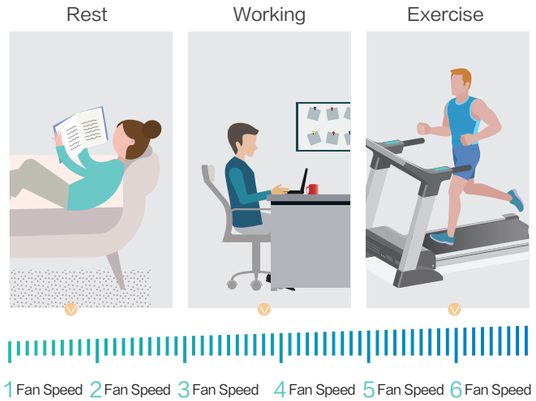
High-efficiency DC Fan Motor

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



6 Fan Speed

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



Dual Purification to Enhance the Health of Indoor Air

Self-cleaning of Indoor Units

The indoor units feature an intelligent self-cleaning function that efficiently clears the heat exchangers without manual intervention, saving your valuable time and cost.



56℃ High-temperature Sterilization

With an advanced 56℃ high-temperature sterilization function, our indoor units swiftly eliminate viruses within the indoor unit. This ensures the released air is pure, providing users a healthy and comfortable indoor environment.





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

Notes:

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

Ceiling & Floor

Sleek Smooth Design

Shiny white cover panel of the unit has an streamlined elegant aesthetic. The bolts and nuts used to secure the unit onto wall or ceiling are designed to be concealed in the unit for a sleek room interior look.



Flexible Installation

The unit can be installed to be standing on floors or hanging on ceilings. Whereby interior walls maximized to display items, can hang the unit on the ceiling.

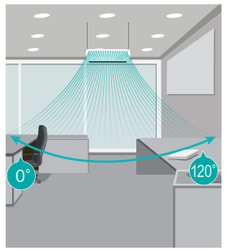


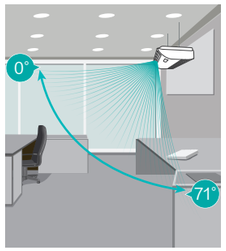
Hanging on the wall　　Standing on the floor

Wide Air Supply

Louvers are consist of horizontal and vertical flaps to cover larger coverage area to the edges of any rooms. 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.







Convenient Installation and Maintenance

Adjust the ceiling or wall mounting height by just opening the side panels without the need to access the internal parts. Service manholes are unnecessary due to the strategic repositioning of piping connections and electrical box behind the air return panel.





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

Notes:

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

Floor Concealed

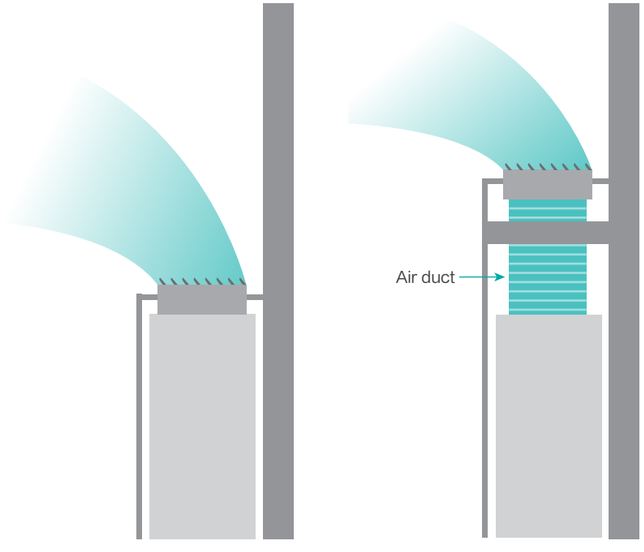
Space Saving

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



Adjustable Static Pressure and Flexible Installation

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





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

Notes:

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

I CONTROL SYSTEMS



Individual Control

Intelligent Control



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

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	○	×	×	×	○	○
	Ceiling & Floor	○	×	×	×	○	○
	Floor Concealed	○	×	×	×	○	○

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	•

Features

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

HYXM-VG01



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

Features

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

HYXE-VA01A



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

Features

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

HYXE-S01H



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

Features

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

Wireless Controller

HYE-VD01



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

Features

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

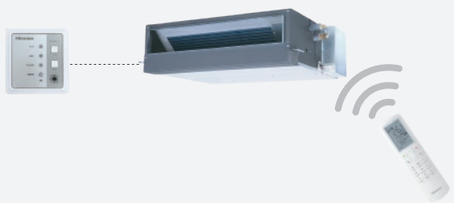
* When used to control 3D air-flow Panels, an additional receiver kit of wireless control will be necessary.

Receiver Kit for Wireless Control-Optional

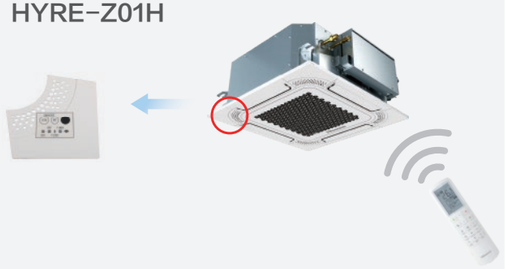
HYRE-X01H



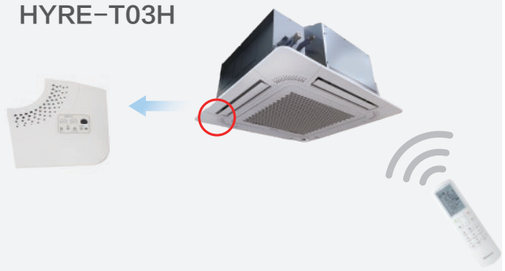
HYRE-V02H



HYRE-Z01H



HYRE-T03H



Intelligent 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

Ideal for:
Offices, Schools, Factories, Hospitals, Hotels, Restaurants

OFFICE | SCHOOL / UNIVERSITY | FACTORY / WAREHOUSE | HOSPITAL | HOTEL | RESTAURANT

ON/OFF Controller
HYJ-J01H

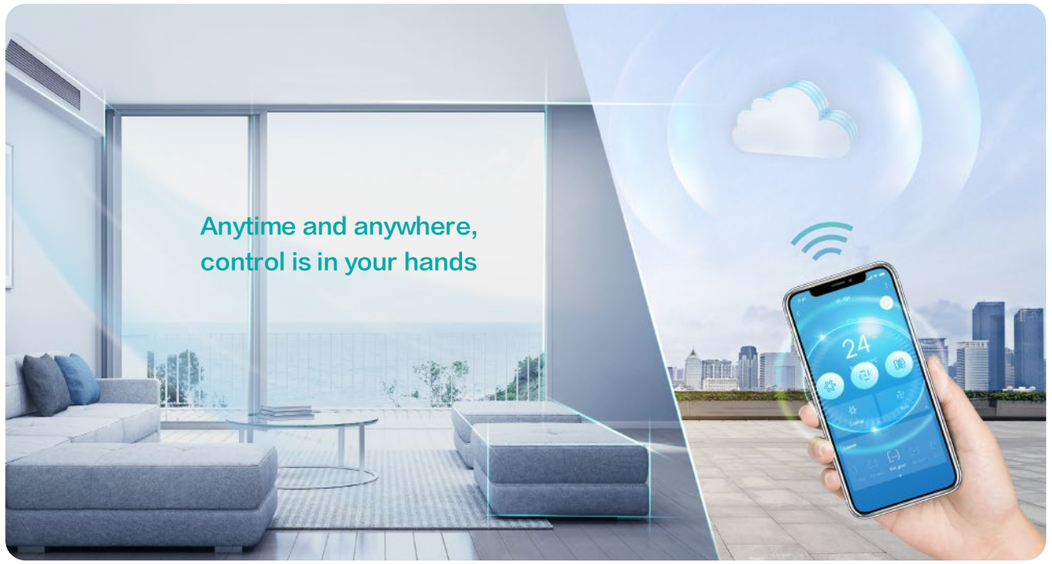


Group control (ON/OFF)
Indoor unit power OFF reminder
Indoor units Auto log in
Error reminder

Features

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

Hi-Mit II



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



Hisense Hi-Mit

Available on the App Store

Download today Google Play

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	91×117×31(mm)	0.14kg

One-Click Remote Control

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

Whole-house Voice Control

Hi-Smart A series 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.

Third-party Voice Platform

works with Google Home

works with alexa



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	

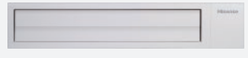
Fresh Air Duct Adapter

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, Console, Ceiling Ducted	

3D Air-flow Panel

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

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	

Air outlet guide

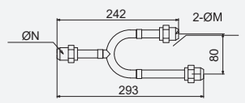
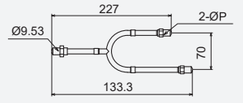
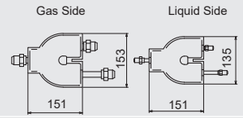
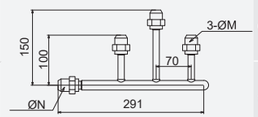
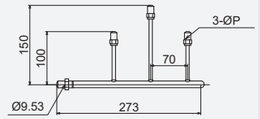
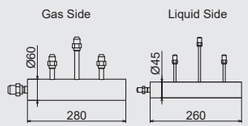
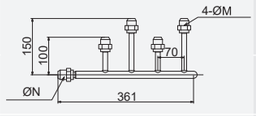
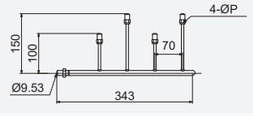
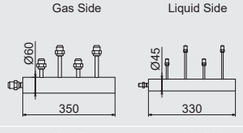
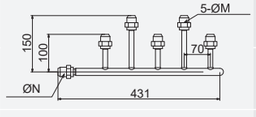
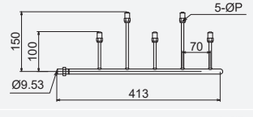
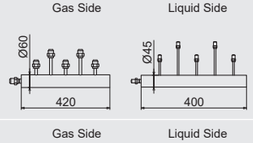
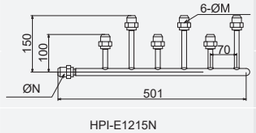
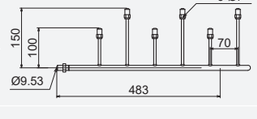
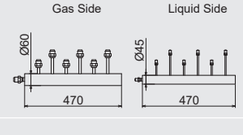
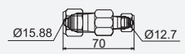
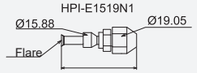
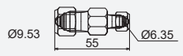
Model	Applicable Models	Picture
SH-34CD	AVW-27/34HJFAE1	
SH-76CD	AVW-42/48/54/63/68/76HJFAE1	

Drain Pump

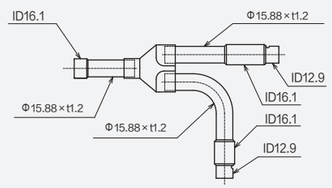
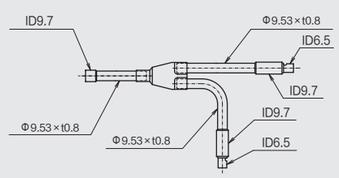
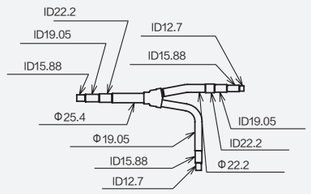
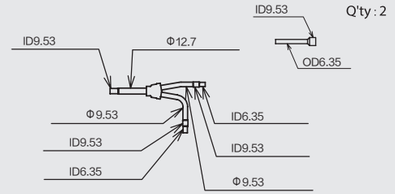
Model	Applicable Models	Power Supply	Picture	
HPS-F133E	AVD-07~24HJDH / AVD-07-24HCFCH / AVD-07-24HCFCL	220-240V/50/60Hz	 HPS-F133/363E	 HPS-151#E
HPS-F363E	AVD-24HJDH1 / AVD-30~54HJDH / AVD-27-54HCFCH / AVD-27-54HCFCL			
HPS-151#E	All types of indoor units except wall mounted	220-240V/50/60Hz		

Branch Header

Unit:mm

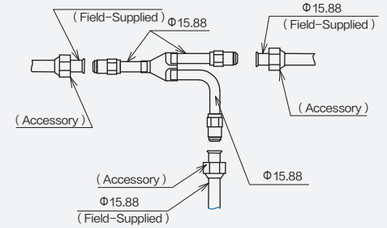
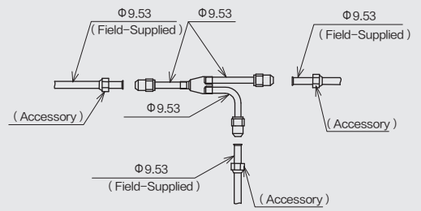
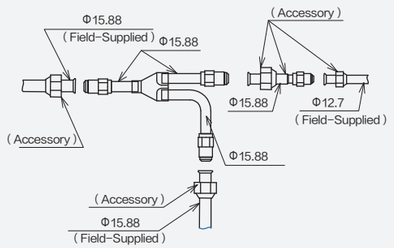
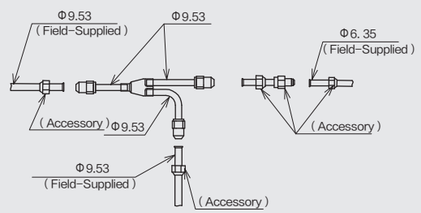
Model	ØN	ØM	Gas side joint(ØN-ØM)	ØP	Liquid side joint(Ø9.53-ØP)	Insulation
HFQ-082TF#EN	15.88	12.7		6.35		
HFQ-102TF#EN	19.05	15.88		9.53		
HFQ-083TF#EN	15.88	12.7		6.35		
HFQ-084TF#EN	15.88	12.7		6.35		
HFQ-085TF#EN	15.88	12.7		6.35		
HFQ-086TF#EN	15.88	12.7		6.35		
ADAPTER			HPI-E1215N			
HPI-E1215N						
HPI-E0609N			HPI-E1519N1		HPI-E0609N	
HPI-E1519N1						
HPI-E0912N			HPI-E0912N			
						

Branch Pipe

Model	Gas	Liquid
HFQ-052F#E		
HFQ-102F#E		

(The two models above are without insulation. If the insulation needed, please contact with our engineer.)

Flare-nuts Branch Pipe

Model	Gas	Liquid
HFQ-052F#EN 1		
HFQ-052F#EN 2		
HFQ-052F#EN 3	