



DISCOVER
easyCOMFORT

Midea Group
Midea Building Technologies Division

C-V8INHEU202601

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Midea reserves the right to change the specifications of the product, and to withdraw or replace products without prior notification or public announcement. Midea is constantly developing and improving its products.



V8 Indoor Units

DISCOVER
RELIABLE COMFORT

CE 2026

MBT

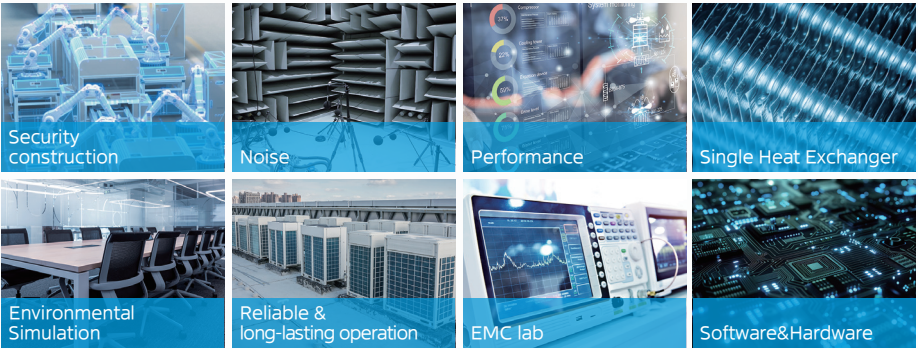
Midea Building Technologies (MBT) is a key division of the Midea Group, a leading provider of comprehensive, intelligent-building solutions including energy sources, elevators, control systems and heating, ventilation and air conditioning.

Built on a foundation of innovation, Midea has emerged as a global leader in the HVAC and building management industry. Our unwavering dedication to research and development coupled with an extensive network of global partners has given birth to cutting-edge technologies that provide innovative solutions to our customers around the world.

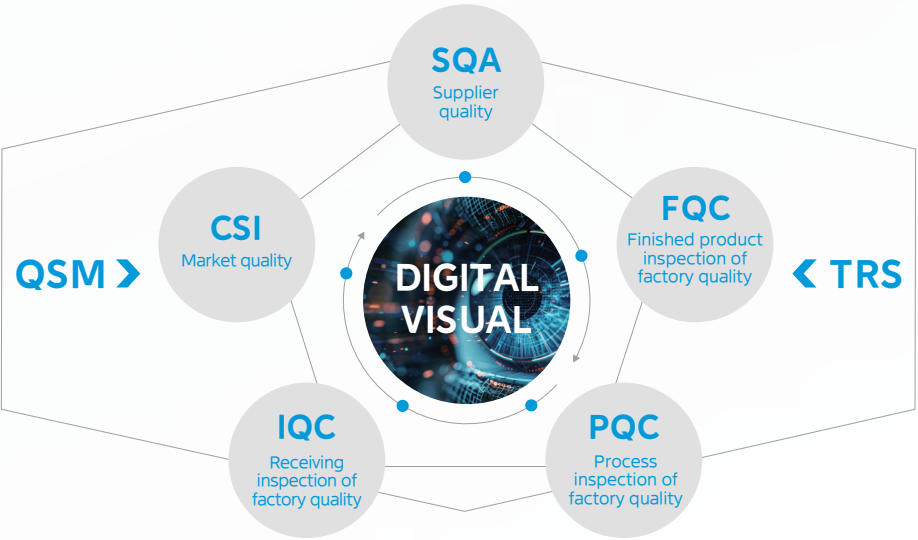
Committed to providing users with intelligent, digital, low carbon overall building solution



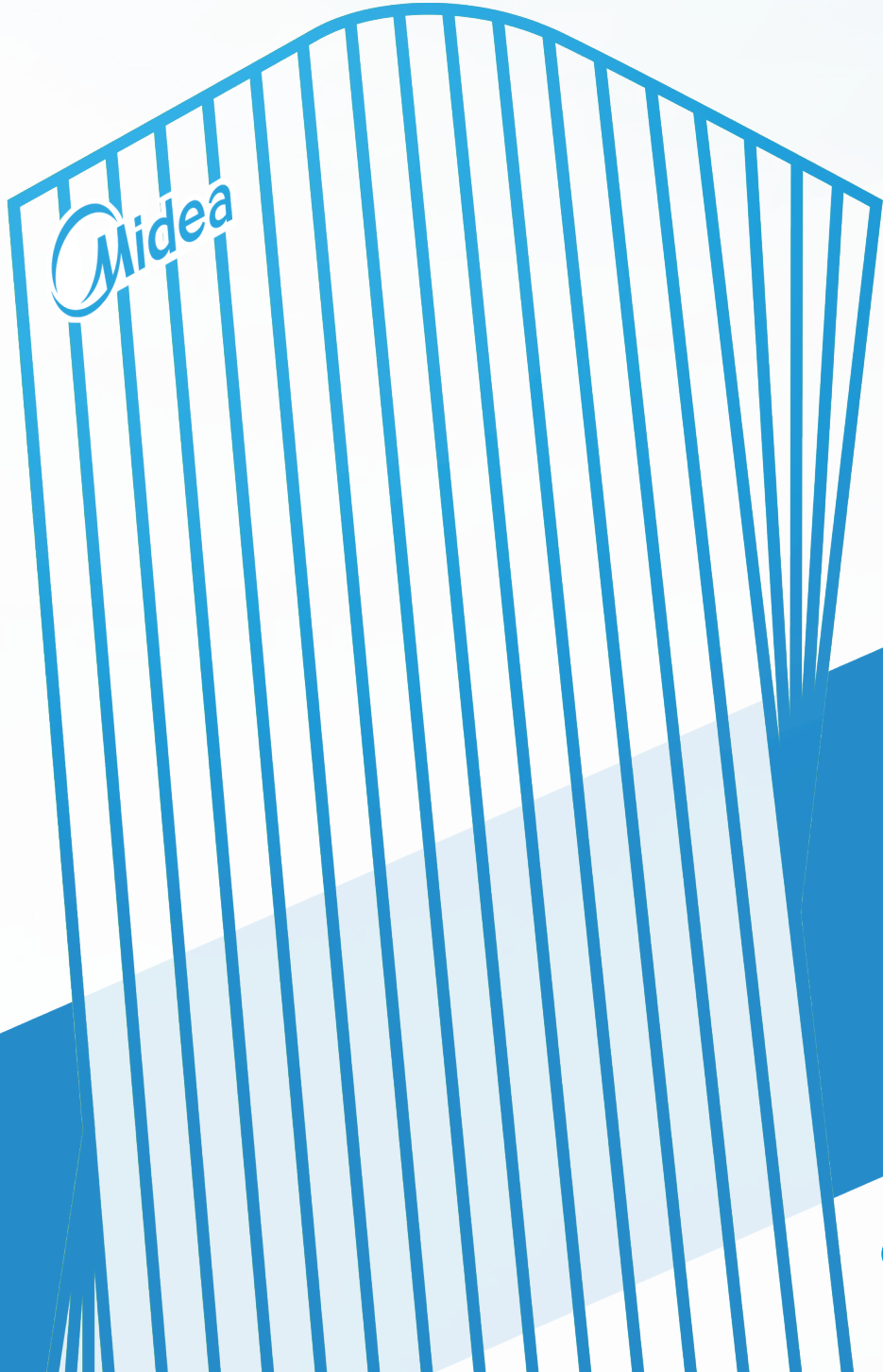
Over 100 testing labs cover a wide range of real application scenarios.



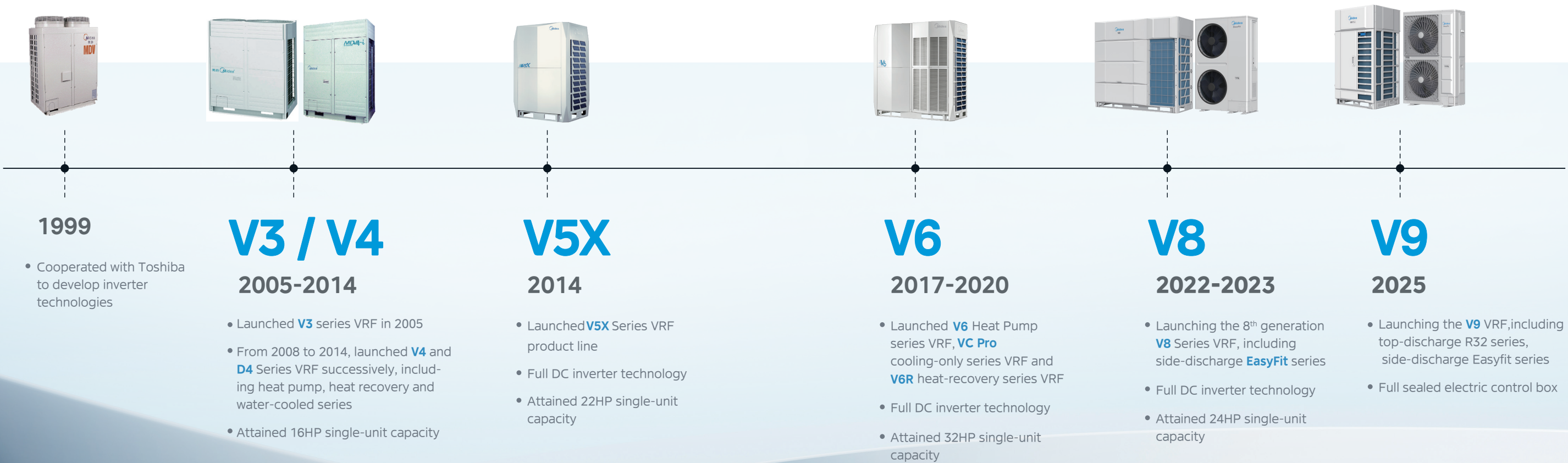
All products can be visualized and digitalized throughout entire process.



4 global manufacturing locations assure timely delivery with less sensitivity to supply chain interruption.



MIDEA VRF HISTORY



BENEFITS OF MIDEA VRF



For End-users

Improved IAQ
Cost-efficient Operation
Enhanced Indoor Comfort



For Building Owners

Energy-management Solutions
Reliable Operation
Backup Solution



For Consultants

Diversified Solutions
Professional Tools and Support
Design Flexibility



For Construction Companies

Green Solutions
Space-Saving Designs
Intelligent Management Systems



APPLICATION SOLUTIONS

Office Complexes

Enjoy comfort while working

Midea VRF provides indoor comfort solutions for office buildings of all sizes with smart control solutions that streamline the management of your VRF system. We offer a wide variety of indoor units that suit any design.



Hotels & Shopping Malls

Increase your business, not your bills

Midea VRF systems are renowned for efficient and reliable operation making them ideal for commercial applications. Intelligent control solutions include hotel key cards and touch screen controllers, making system management that much easier.



Residential Apartments

One for every home

A compact size and high efficiency make Midea VRF suitable for all residential homes.



Hospitals & Schools & Airports

Meeting all expectations

Innovative designs combined with a diverse variety of indoor unit options make Midea VRF an ideal choice for a wide variety of applications.

ALL DIGITALIZED SERVICE

Design Service

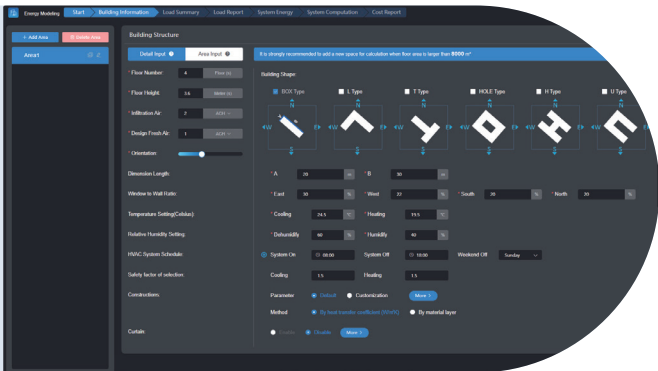
BIM Building Information Import

- VRF Units Layout
- VRF System Calculation
- VRF Electrical Control Diagram
- VRF System Material List



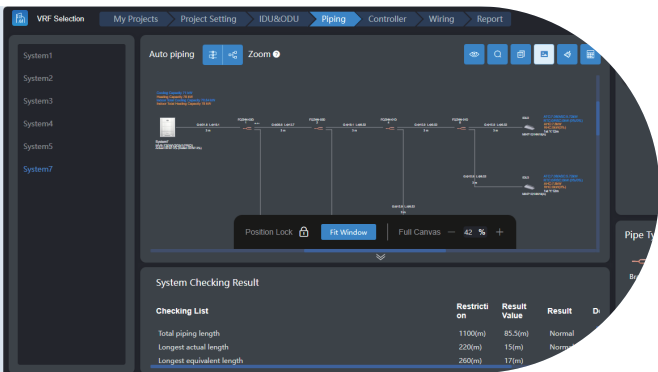
Building Energy Estimation

- Building Load Summary
- Building System Energy
- Building System Computation
- Building Cost Report



HVACSSP Online VRF System Design

- VRF Indoor Units Selection
- VRF Outdoor Units Selection
- VRF Controller Selection
- VRF Report



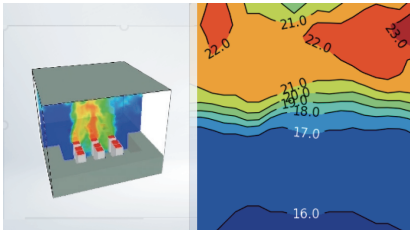
Installation Service



Automatic refrigerant charging

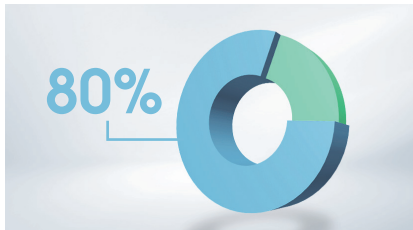


Automatic commissioning reporting



MCFD Energy consumption and airflow simulation optimization

Management Service



The probability of Filth blockage 80%



Degradation of energy efficiency 25%



Continuous energy saving service

After-sales Service



Intelligent maintenance tool



Cloud-based big data analytics

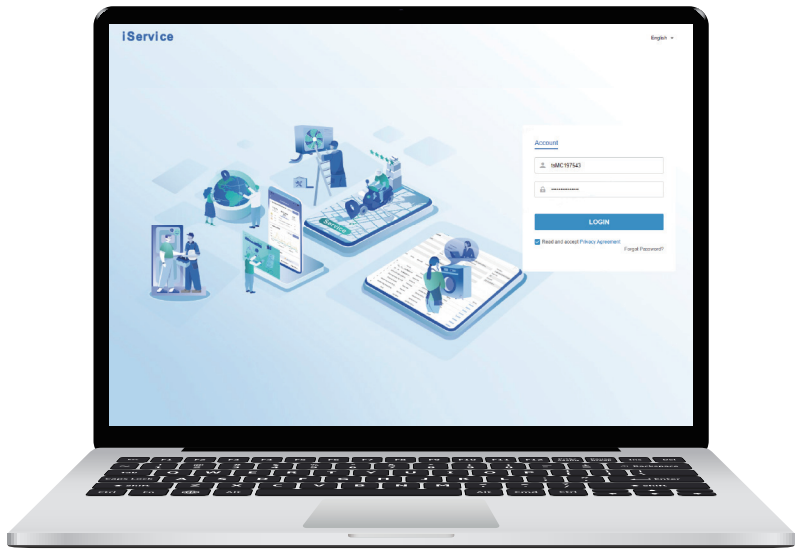


2+10+N Spare Parts Layout can ensure the timely supply of global after-sales spare parts

INTERNATIONAL SERVICE MANAGEMENT

Our International Service Management (ICS) system provides customers with professional technical support. Through ICS, you can download product information/documentation, get help with technical questions and troubleshooting, submit complaints and order parts using our self-service interface.

Q > <https://ics.midea.com>



My order

Inquire about spare parts from an exploded view and place orders for spare parts directly in ICS.

Document inquiry and download

View or download product technical documentation online, such as catalogs, images, training PPTs and other assets.

Technical inquiry & FAQ

Ask technical questions online and receive a prompt response from our technicians or browse the FAQ for answers to commonly asked questions.

Troubleshooting

Query the error code and solution by SN, model name, error code or product type.

Complain

Submit product quality complaints online, and our after-sales engineers will respond promptly.

MOBILE INTELLIGENCE SERVICE APP

The Mobile Intelligence Service App (MISA) is the mobile version of ICS and features the same functionality. MISA often makes getting technical support timelier and more convenient.

Q > <https://link.midea.com>



Download



Scan to download the mobile app

Feedback



Thank you for your attention and feedback

MBT Academy is a platform of expertise empowering global sales and technology elites.
It offers professional training courses and activities in order to help you deepen your understanding of MBT products.

Design Specific Training for Different Groups

The training covers a full range of products including VRF, chillers, heat pumps, unitary products and so on



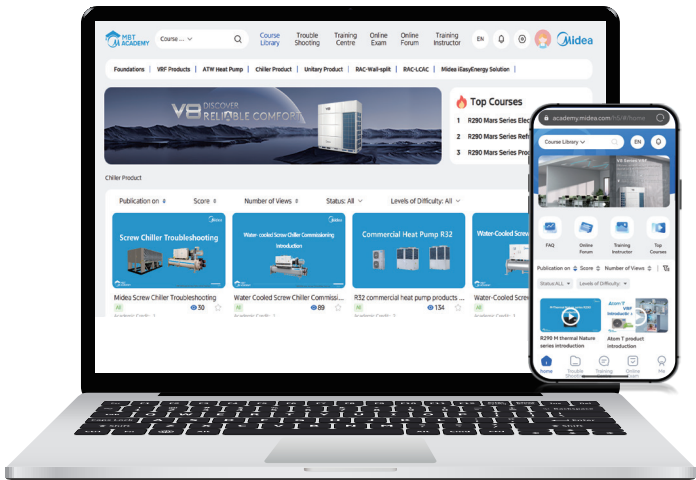
Global Training Center

MBT Academy regularly organizes on-site training at Midea's headquarters and in certain countries, providing you with opportunities for hands-on practice and face-to-face discussions with experts.



Online Learning Platform

The MBT Academy training website offers a more efficient and convenient learning pathway, allowing access to a vast array of resources anytime and anywhere.



- Course Library**
Including **8** Categories, **350+** Videos
Master core product knowledge
- Trouble Shooting**
Including **260+** Error Codes, **150+** Guides
Quickly locate and resolve equipment failures

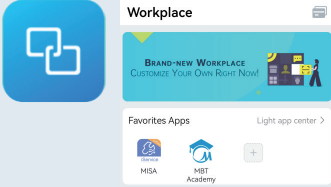
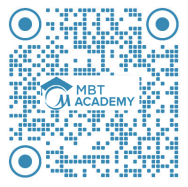
Content Continuously Updating ...

Let's Start Learning:

PC
<https://academy.midea.com>

Phone

- Scan QR code
- LetsLink
- MBT Academy



* 3 methods to log in: MIP account / TSP account / Email

GLOBAL BULK WAREHOUSE LAYOUT OVERVIEW



Indoor Unit Lineup

kw		1.5	1.8	2.2	2.8	3.6	4.5	5.6	6.3	7.1	8.0	9.0	10.0	11.2
Btu/h		5.1k	6.1k	7.5k	9.6k	12.3k	15.4k	19.1k	21.5k	24.2k	27.3k	30.7k	34.1k	38.2k
Cassette	One-Way Cassette		●	●	●	●	●	●		●				
	New One-Way Cassette		●	●	●	●	●	●		●				
	Two-Way Cassette			●	●	●	●	●		●				
	Compact Four-Way Cassette	●		●	●	●	●	●	●					
	Four-Way Cassette				●	●	●	●		●	●	●	●	●
	Four-Way Cassette													
Duct	Arc Duct	●		●	●	●	●	●		●	●	●		●
	Medium Static Pressure Duct	●		●	●	●	●	●		●	●	●		●
	High Static Pressure Duct							●		●	●	●		●
	High Static Pressure Duct(section)													

12.5	14.0	16.0	18.0	20.0	22.4	25.2	28.0	33.5	40.0	45.0	56.0
42.7k	47.8k	54.6k	61.4k	68.3K	76.5K	86.0K	95.6K	114.3K	136.5K	153.6K	191.1K
	●										
		●	●								
●	●	●		●	●	●	●	●	●	●	●
			●	●	●	●	●				

Indoor Unit Lineup

[illegible]

12.5	14.0	16.0	18.0	20.0	22.4	25.2	28.0	33.5	40.0	45.0	56.0
42.7k	47.8k	54.6k	61.4k	68.3K	76.5K	86.0K	95.6K	114.3K	136.5K	153.6K	191.1K

Category	Value	Count
12.5	42.7k	2
14.0	47.8k	2
16.0	54.6k	0
18.0	61.4k	0
20.0	68.3K	1
22.4	76.5K	1
25.2	86.0K	1
28.0	95.6K	1
33.5	114.3K	1
40.0	136.5K	0
45.0	153.6K	1
56.0	191.1K	1

Indoor Unit Features

Features		
Quiet operation	All indoor units offer quiet operation for a tranquil indoor comfort experience.	
Auto cooling/heating changeover	Automatically switches between cooling and heating modes as needed to efficiently reach the set temperature	
Cold air prevention	During the warm-up phase, fan speed is limited to prevent cold-air discharge, with normal operation resuming afterward	
Digital display on/off	Indoor unit displays can be deactivated at night, creating a darker environment for sleeping	
Alert beep	Indoor unit alert beeps can be deactivated to prevent any unwanted disturbance	
EEV automatic adjustment	When in heating standby mode, the indoor unit automatically adjusts the EEV opening in response to the load which eliminates potential noise generated by flowing refrigerant	
0.5°C/1°C increment temperature adjustment	Set temperature can be adjusted in 0.5°C or 1°C increments, enabling precise comfort control.	
Home leave mode	During a prolonged absence, the indoor temperature is maintained at an energy-saving level.	
Independent power supply	Allows individual units to be shut down for repair or maintenance while other units continue to operate normally.	
Sleep mode	Gradually raises the temperature throughout the night (during cooling operation) to promote better sleep while saving energy.	
Heat exchanger mildew prevention	Fan will continue running after unit shuts off to dry out any lingering moisture, preventing mildew from forming on the heat exchanger.	
Air filter	Removes airborne dust particles to ensure a steady supply of clean air while preventing mildew from forming on the heat exchanger.	
Fresh air intake	A dedicated outside air intake port brings fresh outdoor air inside.	
Air filter monitoring	Monitors air flow resistance in real time and displays the level of filter blockage on the controller.	
Silver-ion-coated drain pan	Keeps the drain pan mold free with the slow release of silver ions.	
Heat exchanger self-cleaning function*	Multi-step process automatically cleans the heat exchanger via frosting following by high-temperature sterilization.	
Humidity control	Additional humidity sensor can achieve humidity control in 35~75%	
Sterilization module	Positive and negative ion sterilization module effectively kills bacteria and viruses while removing odors from indoor air.	

COMFORT & HEALTH

* Heat exchanger self-cleaning function is only available when V8Mini is connected, and no AHU Kits, Fresh Air Processing Units or 2nd generation indoor units are connected to the system.

One-Way Cassette	New One-Way Cassette	Two-Way Cassette	Compact Four-Way Cassette	Four-Way Cassette	Arc Duct	Medium Static Pressure Duct	High Static Pressure Duct
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
pre-filter ●	pre-filter ●	pre-filter ●	G1 ● G3 ○ F6 ○	G1 ● G3 ○ F6 ○	G1 ● F6 ○	G1 ● G3+F7 ○ G3+H12 ○	pre-filter ● F7 ○ H13 ○
4.5-7.1kW ●	●	●	●	●	●	●	✕
✕	✕	✕	✕	✕	●	●	●
✕	✕	✕	○	○	○	○	○
●	●	●	●	●	●	●	✕
✕	✕	✕	○	○	○	○	○
✕	✕	✕	✕	✕	○	○	✕

● standard feature ○ customization option ✕ function not available

Indoor Unit Features

Features		
AIR FLOW	Vertical swing	Automatic louver vertical-swing feature uniformly distributes airflow for more consistent temperature control
	Horizontal swing	Automatic louver horizontal swing feature uniformly distributes airflow for more consistent temperature control.
	Multiple fan speeds	Multiple fan speeds can be selected to optimize comfort levels.
	Auto fan speed	Automatically controls fan speed depending on indoor load for maximum comfort and efficiency
	Individual louver control	All louvers can be independently controlled via the wired remote controller, letting you create a highly-customized airflow direction to accommodate unique room conditions.
	Soft wind mode	Directs airflow toward the ceiling to create a windless environment.
	Adaptive ESP	ESP adapts to duct resistance to ensure constant airflow.
ENERGY SAVING	META mode	Triple variable control maximizes comfort and energy efficiency.
	ECO mode	Energy-saving feature automatically raises temperature by 1°C per hour (in cooling mode) or decrease by 1°C per hour (in heating mode), with a maximum change of 2°C.
	Full DC electronic components	Fan motor and water pump operate on full DC power, improving efficiency and saving energy.
	Human Detect Sensor	Using a millimeter-wave radar sensor, the unit senses the presence or absence of people in the room and will automatically adjust the temperature accordingly to ensure comfort while saving energy.
EASY Installation & Service	Easy software updates ⁽²⁾	All indoor unit software can be updated by accessing its corresponding outdoor unit, providing added convenience.
	Extended Distance Air Delivery	Provides adequate airflow even in spaces with high ceilings.
	High-lift drain pump	Enables efficient drainage of condensation from the indoor unit.
	Water-level switch	When the drain pipe is blocked or in poor condition, the water-level switch turns off automatically preventing any overflow and potential ceiling damage witch.
	Ceiling anti-dirt setting	A specially-designed air discharge directs airflow away from the ceiling, preventing ceiling dirty.
	Air baffle fittings for irregular rooms	Air baffle fittings can be used to block specific discharge ports, optimizing airflow in others, providing customized airflow for irregularly-shaped rooms.
	2-core non-polarity communication wiring	Simplifies installation and reduces wiring failures.
	Extended communication wiring	1200m maximum communication wiring length makes installation more flexible.
	3 digit, 7-segment display	3 digit, 7-segment display can display more parameters and error information.
	Detailed error codes	Improves maintenance efficiency by providing highly-detailed error code.

*Note:
1. Use the display box which is equipped with a human detect sensor.
2. Software update function requires Bluetooth module or data cloud gateway sold separately.
3. Only when the unit is installed on the ceiling.
4. To achieve these functions for the One-Way Cassette unit, you need to purchase function expansion modules and install them
5. Air duct units need customized display box.

One-Way Cassette	New One-Way Cassette	Two-Way Cassette	Compact Four-Way Cassette	Four-Way Cassette	Arc Duct	Medium Static Pressure Duct	High Static Pressure Duct
5 steps + auto	5 steps + auto	5 steps + auto	5 steps + auto	5 steps + auto	×	×	×
×	●	×	×	×	×	×	×
7 steps	7 steps	7 steps	7 steps	7 steps	7 steps	7 steps	7 steps
●	●	●	●	●	●	●	●
×	×	×	●	●	×	×	×
●	●	●	●	●	×	×	×
×	×	×	×	×	●	●	●
●	●	●	●	●	●	●	×
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
×	×	×	○	○	○ ⁽¹⁾	○ ⁽¹⁾	○ ⁽¹⁾
●	●	●	●	●	●	●	●
×	×	×	● 3.5m	● 4.5m	×	×	×
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	×	×	×
×	×	×	●	●	×	×	×
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	● ⁽⁵⁾	● ⁽⁵⁾	● ⁽⁵⁾
●	●	●	●	●	●	●	●

● standard feature ○ customization option X function not available

Indoor Unit Features

Features		
EASY CONTROL	Timer	Convenient timer can be programmed for daily or weekly operation.
	Wired remote control	Wired remote control to remotely control your indoor unit.
	Group control	Up to 16 indoor units can be in a group control system
	Centralized control	Control several indoor units from a single controller.
	Auto-restart	After a power failure, the unit will automatically resume operation with all previous settings restored.
	°C/°F setting	Units can be displayed at °C or °F depending on user preference.
	Long-distance on/off function	Lets you remotely turn the unit on or off from a distance using weak electricity external devices.
EXTENDED FUNCTIONS	Humidifler connection	Enables third-party humidifier connection with optional expansion board.
	Dehumidifler connection	Enables third-party dehumidifier connectivity with optional expansion board.
	Electric heater connection	Enables third-party electric heater connection with optional expansion board.
	Refrigerant leak sensor connection	Enables refrigerant-leak sensor connection with optional expansion board.
	CO ₂ sensor connection	Additional expansion board can achieve CO ₂ sensor connection
	PM2.5 sensor connection	Enables PM2.5 sensor connection with optional expansion board.
	Third-party controller connection	A third-party controller can be used to control mode, fan speed and temperature settings.
	Long-distance on/off function	Long-distance startup or shutoff the system by strong electricity external devices
	Long-distance alarm function	Long-distance alarm when an error occurs
	Multiple protections	Multiple protections ensure stable, reliable operation.

*Note:
1. Use the display box which is equipped with a human detect sensor.
2. Software update function requires Bluetooth module or data cloud gateway sold separately.
3. Only when the unit is installed on the ceiling.
4 To achieve these functions for the One-Way Cassette unit, you need to purchase function expansion modules and install them

One-Way Cassette	New One-Way Cassette	Two-Way Cassette	Compact Four-Way Cassette	Four-Way Cassette	Arc Duct	Medium Static Pressure Duct	High Static Pressure Duct
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
×	×	×	○	○	○	○	○
×	×	×	○	○	○	○	○
○ ⁽⁴⁾	○ ⁽⁴⁾	×	○	○	○	○	○
○ ⁽⁴⁾	○ ⁽⁴⁾	×	○	○	○	○	○
○ ⁽⁴⁾	○ ⁽⁴⁾	×	○	○	○	○	○
○ ⁽⁴⁾	○ ⁽⁴⁾	×	○	○	○	○	○
○ ⁽⁴⁾	○ ⁽⁴⁾	×	○	○	○	○	○
○ ⁽⁴⁾	○ ⁽⁴⁾	×	○	○	○	○	○
○ ⁽⁴⁾	○ ⁽⁴⁾	×	○	○	○	○	○
●	●	●	●	●	●	●	●

● standard feature ○ customization option X function not available

Indoor Unit Features

Features	
Quiet operation	All indoor units offer quiet operation for a tranquil indoor comfort experience.
Auto cooling/heating changeover	Automatically switches between cooling and heating modes as needed to efficiently reach the set temperature
Cold air prevention	During the warm-up phase, fan speed is limited to prevent cold-air discharge, with normal operation resuming afterward
Digital display on/off	Indoor unit displays can be deactivated at night, creating a darker environment for sleeping
Alert beep	Indoor unit alert beeps can be deactivated to prevent any unwanted disturbance
EEV automatic adjustment	When in heating standby mode, the indoor unit automatically adjusts the EEV opening in response to the load which eliminates potential noise generated by flowing refrigerant
0.5°C/1°C increment temperature adjustment	Set temperature can be adjusted in 0.5°C or 1°C increments, enabling precise comfort control.
Home leave mode	During a prolonged absence, the indoor temperature is maintained at an energy-saving level.
Independent power supply	Allows individual units to be shut down for repair or maintenance while other units continue to operate normally.
Sleep mode	Gradually raises the temperature throughout the night (during cooling operation) to promote better sleep while saving energy.
Heat exchanger mildew prevention	Fan will continue running after unit shuts off to dry out any lingering moisture, preventing mildew from forming on the heat exchanger.
Air filter	Removes airborne dust particles to ensure a steady supply of clean air while preventing mildew from forming on the heat exchanger.
Fresh air intake	A dedicated outside air intake port brings fresh outdoor air inside.
Air filter monitoring	Monitors air flow resistance in real time and displays the level of filter blockage on the controller.
Silver-ion-coated drain pan	Keeps the drain pan mold free with the slow release of silver ions.
Heat exchanger self-cleaning function*	Multi-step process automatically cleans the heat exchanger via frosting following by high-temperature sterilization.
Humidity control	Additional humidity sensor can achieve humidity control in 35~75%
Sterilization module	Positive and negative ion sterilization module effectively kills bacteria and viruses while removing odors from indoor air.

COMFORT & HEALTH

* Heat exchanger self-cleaning function is only available when V8Mini is connected, and no AHU Kits, Fresh Air Processing Units or 2nd generation indoor units are connected to the system.

Wall-Mounted Units	Floor-Standing Units	Ceiling& Floor Units	Small Airflow Rate Fresh Air Processing	Fresh Air Processing	Side Discharge Type	Top Discharge Type
●	●	●	×	×	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	×	×	●	●
●	●	●	●	●	●	●
●	●	●	×	×	●	●
●	●	●	×	×	●	●
pre-filter ●	G1 ●	pre-filter ●	pre-filter ● F7 ○ H13 ○	pre-filter ● F7 ○ H13 ○	pre-filter ● F7 ○ H13 ○	pre-filter ● F7 ○ H13 ○
×	×	●	●	●	×	×
×	×	×	●	●	×	●
○	×	×	○	○	○	○
●	●	●	×	×	×	×
○	○	○	×	×	○	○
×	×	×	×	○	×	×

● standard feature ○ customization option × function not available

Indoor Unit Features

Features		
AIR FLOW	Vertical swing	Automatic louver vertical-swing feature uniformly distributes airflow for more consistent temperature control
	Horizontal swing	Automatic louver horizontal swing feature uniformly distributes airflow for more consistent temperature control.
	Multiple fan speeds	Multiple fan speeds can be selected to optimize comfort levels.
	Auto fan speed	Automatically controls fan speed depending on indoor load for maximum comfort and efficiency
	Individual louver control	All louvers can be independently controlled via the wired remote controller, letting you create a highly-customized airflow direction to accommodate unique room conditions.
	Soft wind mode	Directs airflow toward the ceiling to create a windless environment.
	Adaptive ESP	ESP adapts to duct resistance to ensure constant airflow.
ENERGY SAVING	META mode	Triple variable control maximizes comfort and energy efficiency.
	ECO mode	Energy-saving feature automatically raises temperature by 1°C per hour (in cooling mode) or decrease by 1°C per hour (in heating mode), with a maximum change of 2°C.
	Full DC electronic components	Fan motor and water pump operate on full DC power, improving efficiency and saving energy.
	Human Detect Sensor	Using a millimeter-wave radar sensor, the unit senses the presence or absence of people in the room and will automatically adjust the temperature accordingly to ensure comfort while saving energy.
EASY Installation & Service	Easy software updates ⁽²⁾	All indoor unit software can be updated by accessing its corresponding outdoor unit, providing added convenience.
	Extended Distance Air Delivery	Provides adequate airflow even in spaces with high ceilings.
	High-lift drain pump	Enables efficient drainage of condensation from the indoor unit.
	Water-level switch	When the drain pipe is blocked or in poor condition, the water-level switch turns off automatically preventing any overflow and potential ceiling damage witch.
	Ceiling anti-dirt setting	A specially-designed air discharge directs airflow away from the ceiling, preventing ceiling dirty.
	Air baffle fittings for irregular rooms	Air baffle fittings can be used to block specific discharge ports, optimizing airflow in others, providing customized airflow for irregularly-shaped rooms.
	2-core non-polarity communication wiring	Simplifies installation and reduces wiring failures.
	Extended communication wiring	1200m maximum communication wiring length makes installation more flexible.
	3 digit, 7-segment display	3 digit, 7-segment display can display more parameters and error information.
	Detailed error codes	Improves maintenance efficiency by providing highly-detailed error code.

*Note:
1. Use the display box which is equipped with a human detect sensor.
2. Software update function requires Bluetooth module or data cloud gateway sold separately.
3. Only when the unit is installed on the ceiling.
4. To achieve these functions for the One-Way Cassette unit, you need to purchase function expansion modules and install them
5. Air duct units need customized display box.

Wall-Mounted Units	Floor-Standing Units	Ceiling& Floor Units	Small Airflow Rate Fresh Air Processing	Fresh Air Processing	Side Discharge Type	Top Discharge Type
5 steps + auto	×	5 steps + auto	×	×	×	×
○	×	●	×	×	5 steps + auto	×
7 steps	7 steps	7 steps	7 steps	7 steps	7 steps	7 steps
●	×	●	×	×	●	●
×	×	×	×	×	×	×
●	×	●	×	×	×	×
×	×	×	●	●	×	●
●	●	●	×	×	×	×
●	●	●	×	×	●	●
●	●	●	●	●	●	●
○	×	×	×	×	○ ⁽¹⁾	○ ⁽¹⁾
●	●	●	●	●	●	●
×	×	×	×	×	×	×
○	×	○ ⁽³⁾	●	●	○	○
○	×	○	●	●	●	●
×	×	×	×	×	×	×
×	×	×	×	×	×	×
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	● ⁽⁵⁾	●	● ⁽⁵⁾	● ⁽⁵⁾	●	●
●	●	●	●	●	●	●

● standard feature ○ customization option × function not available

Indoor Unit Features

Features

EASY CONTROL	Timer	Convenient timer can be programmed for daily or weekly operation.
	Wired remote control	Wired remote control to remotely control your indoor unit.
	Group control	Up to 16 indoor units can be in a group control system
	Centralized control	Control several indoor units from a single controller.
	Auto-restart	After a power failure, the unit will automatically resume operation with all previous settings restored.
	°C/°F setting	Units can be displayed at °C or °F depending on user preference.
	Long-distance on/off function	Lets you remotely turn the unit on or off from a distance using weak electricity external devices.
EXTENDED FUNCTIONS	Humidifier connection	Enables third-party humidifier connection with optional expansion board.
	Dehumidifier connection	Enables third-party dehumidifier connectivity with optional expansion board.
	Electric heater connection	Enables third-party electric heater connection with optional expansion board.
	Refrigerant leak sensor connection	Enables refrigerant-leak sensor connection with optional expansion board.
	CO ₂ sensor connection	Additional expansion board can achieve CO ₂ sensor connection
	PM2.5 sensor connection	Enables PM2.5 sensor connection with optional expansion board.
	Third-party controller connection	A third-party controller can be used to control mode, fan speed and temperature settings.
	Long-distance on/off function	Long-distance startup or shutoff the system by strong electricity external devices
	Long-distance alarm function	Long-distance alarm when an error occurs
	Multiple protections	Multiple protections ensure stable, reliable operation.

*Note:

1. Use the display box which is equipped with a human detect sensor.
2. Software update function requires Bluetooth module or data cloud gateway sold separately.
3. Only when the unit is installed on the ceiling.
4. To achieve these functions for the One-Way Cassette unit, you need to purchase function expansion modules and install them.

Wall-Mounted Units	Floor-Standing Units	Ceiling& Floor Units	Small Airflow Rate Fresh Air Processing	Fresh Air Processing	Side Discharge Type	Top Discharge Type
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
○	○	○	✕	✕	○	○
○	○	○	✕	✕	○	○
○	○	○	○	○	○	○
○	○	○	○	○	○	○
○	○	○	○	○	○	○
○	○	○	○	○	○	○
○	○	○	○	○	○	○
○	○	○	○	○	○	○
○	○	○	○	○	○	○
○	○	○	○	○	○	○
●	●	●	●	●	●	●

● standard feature

○ customization option

✕ function not available



Multi-directional drainage



Quiet operation



High-lift drain pump

One-Way Cassette

COMFORT

Digital display on/off

Indoor unit displays can be deactivated at night, creating a darker environment for sleep.



Digital display

Alert beep on/off

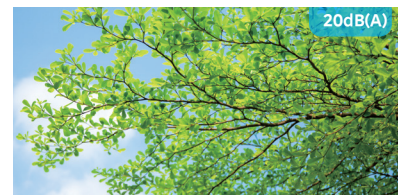
Indoor unit alert beeps can be deactivated to prevent any unwanted disturbance



Buzzer

Quiet operation

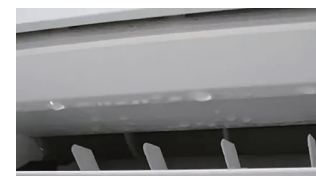
The fan motor, air duct, and heat exchanger have been redesigned to achieve near-silent operation down to 22dB(A), ensuring a tranquil and comfortable indoor environment.



HEALTH

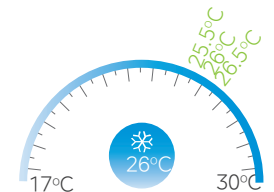
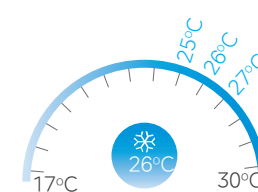
Automatic anti-condensation mode

The One-way Cassette can detect operating conditions and automatically adjust the outlet angle of the guide vane in order to prevent condensation.



0.5°C/1°C Increment temperature adjustment

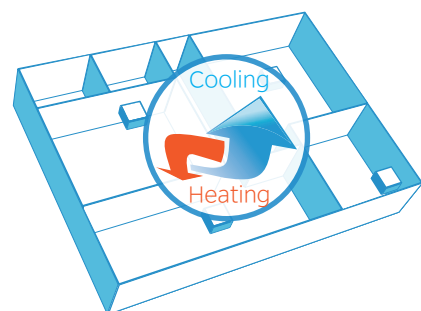
Set temperature can be adjusted in 0.5°C or 1°C increments, enabling precise comfort control.



WIDER APPLICATION

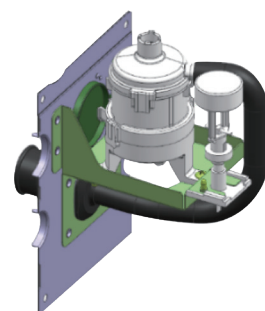
Auto cooling/heating changeover

Automatically switches between cooling and heating modes as needed to efficiently reach the set temperature.



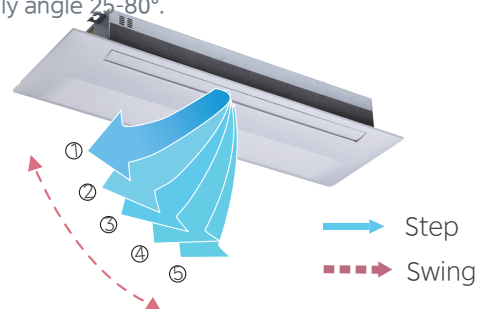
Digital DC water-pump monitor

Actively monitors pump speed and water flow, issuing alerts if leakages, jamming or other attenuation is detected.



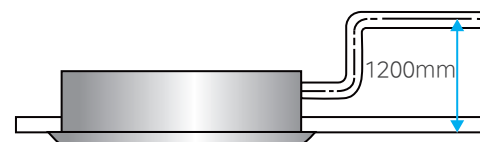
Multi-step vertical swing

There are 5-steps louver control makes the air flow direction more precisely. In addition, the auto swing mode can better meet different customer needs. Air supply angle 25-80°.



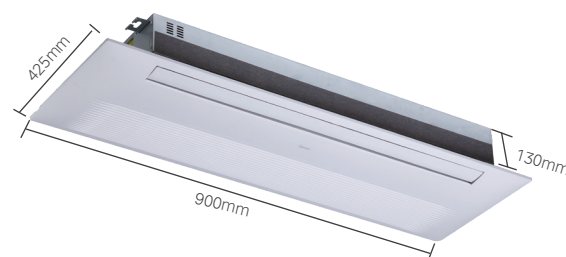
High-lift drain pump

Drain pump features a 1200mm raised height, simplifying installation while enabling efficient drainage of condensation from the indoor unit.



Ultra-thin body design

The new one-way cassette units have ultra-thin body design, the body height of the whole series is only 130mm, greatly saving space and more flexible installation.



Multi-directional drainage



Quiet operation



High-lift drain pump

Two-Way Cassette

COMFORT

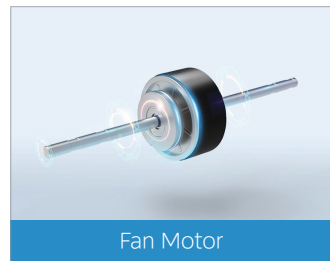
Digital display on/off

Indoor unit displays can be deactivated at night, creating a darker environment for sleep.



Quiet operation

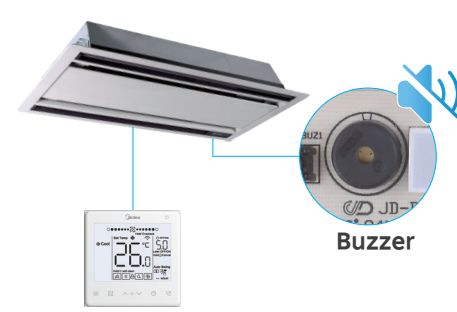
The fan motor, air duct, and heat exchanger have been redesigned to achieve near-silent operation down to 22dB(A), ensuring a tranquil and comfortable indoor environment.



Fan Motor

Alert beep on/off

Indoor unit alert beeps can be deactivated to prevent any unwanted disturbance.



HEALTH

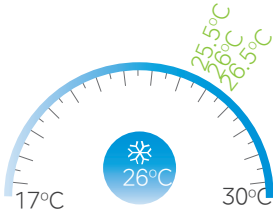
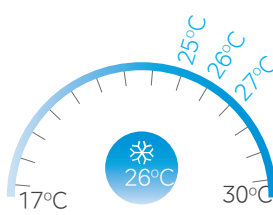
Automatic anti-condensation mode

The One-way Cassette can detect operating conditions and automatically adjust the outlet angle of the guide vane in order to prevent condensation.



0.5°C/1°C Increment temperature adjustment

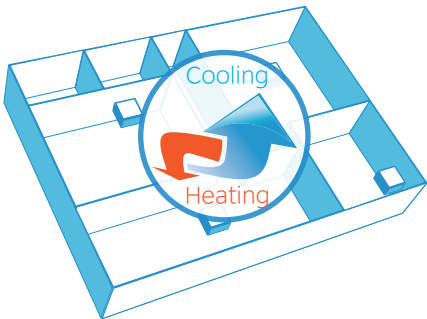
Set temperature can be adjusted in 0.5°C or 1°C increments, enabling precise comfort control.



WIDER APPLICATION

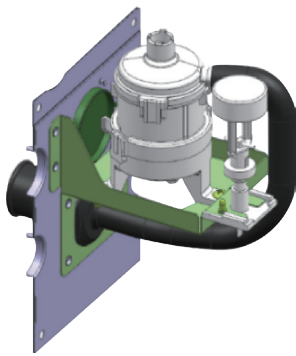
Auto cooling/heating changeover

Automatically switches between cooling and heating modes as needed to efficiently reach the set temperature.



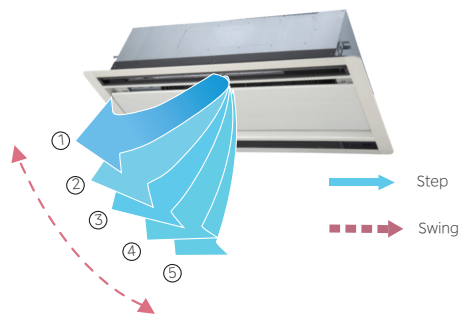
Digital DC water-pump monitor

Actively monitors pump speed and water flow, issuing alerts if leakages, jamming or other attenuation is detected.



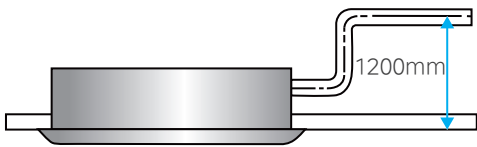
Multi-step vertical swing

There are 5-steps louver control makes the air flow direction more precisely. In addition, the auto swing mode can better meet different customer needs. Air supply angle 35-65 °.



High-lift drain pump

Drain pump features a 1200mm raised height, simplifying installation while enabling efficient drainage of condensation from the indoor unit.





Compact design



360° airflow



High ceiling installation



Individual louver control



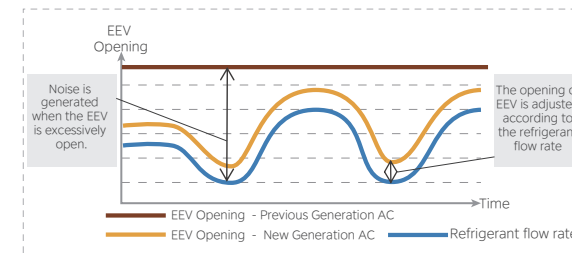
Healthy air supply

Compact Four-Way Cassette

COMFORT

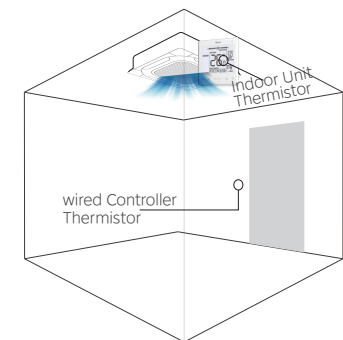
EEV automatic adjustment

When in heating standby mode, the indoor unit automatically adjusts the EEV opening in response to the load which eliminates potential noise generated by flowing refrigerant.



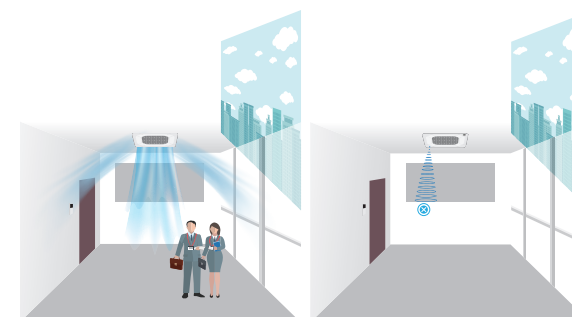
Dual-thermistor control

The indoor temperature can be checked using the thermistor in the wired controller as well as from the indoor unit



Human detect sensor*

Using a millimeter-wave radar sensor, the unit senses the presence or absence of people in the room and will automatically adjust the temperature accordingly to ensure comfort while saving energy.



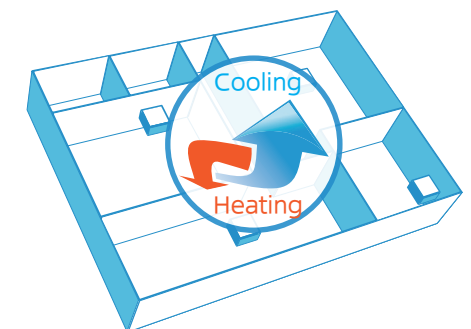
The indoor unit automatically runs when detecting human presence

The indoor unit automatically stops when detecting absence

*Available on V8 Compact Four-Way Cassette as customized option.

Auto cooling/heating changeover

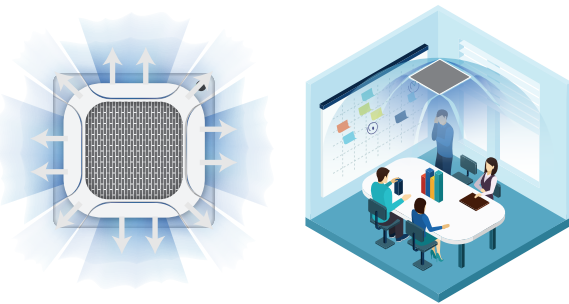
Automatically switches between cooling and heating modes as needed to efficiently reach the set temperature.



AIRFLOW

360° Airflow

Improved design features a round air discharge for more uniform, evenly-distributed airflow.



The continuous air supply port air supply area increases by 20%

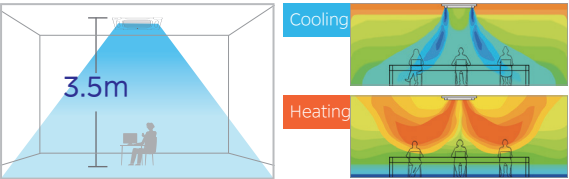
7 Fan speeds

7 fan-speed options let you customize comfort settings based on indoor conditions and user preference.



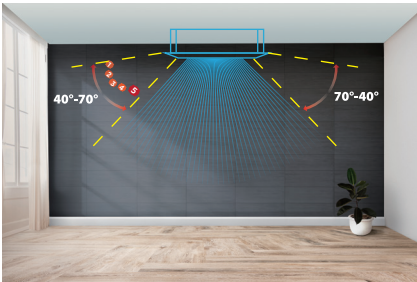
Long-distance air delivery

The Compact Four-way Cassette has been engineered with an additional 30Pa static pressure, ensuring adequate airflow even in spaces with up to a 3.5m ceiling height.



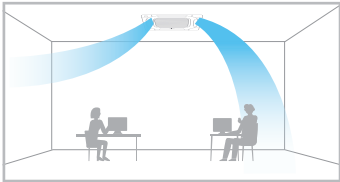
Multi-step vertical swing

The Compact Four-way Cassette unit has a wide range of airflow angles from 40° to 70° and is equipped with a 5-step louver control and auto swing mode to better meet the needs of different customers.



Individual louver control

All louvers can be independently controlled via the wired remote controller, letting you create a highly-customized airflow direction to accommodate unique room conditions



Soft wind mode

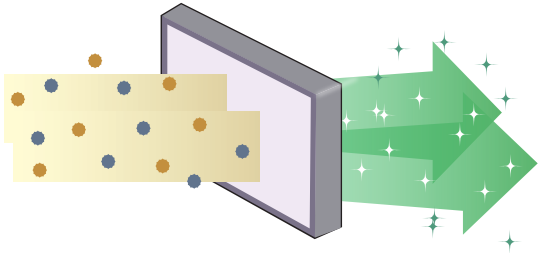
Directs airflow toward the ceiling to create a windless environment



HEALTH

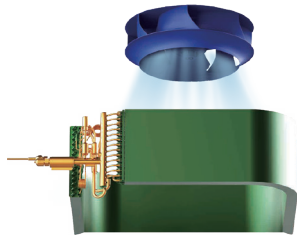
Optional F6-class air filter

The Compact Four-way Cassette supports installation of F6-class filters with a 30Pa external static pressure. The F6 filter achieves up to 80% collection efficiency for particles larger than 1 μm, promoting a cleaner and healthier indoor environment.



Heat exchanger mildew prevention

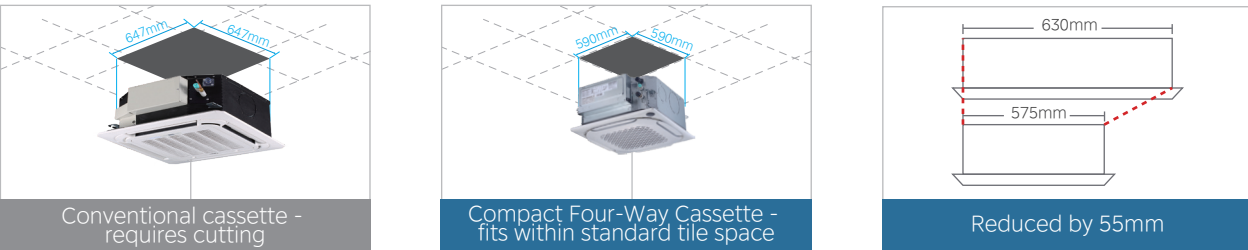
Fan will continue running after unit shuts off to dry out any lingering moisture, preventing mildew from forming on the heat exchanger.



EASY INSTALLATION

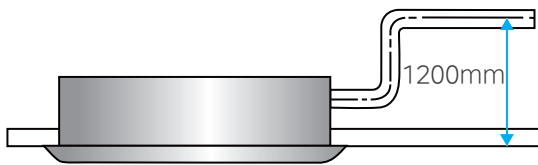
Compact design

Our redesigned Four-way Cassette features a compact size that allows it to fit neatly within the space of a standard 620mm x 620mm tile, eliminating the need for cutting and simplifying installation.



High-lift drain pump

Drain pump features a 1200mm raised height, simplifying installation while enabling efficient drainage of condensation from the indoor unit.



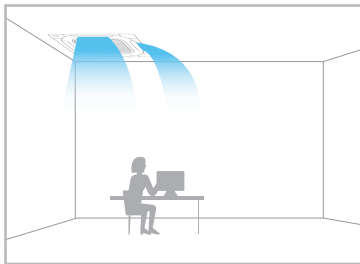
Water-level

When the drain pipe is blocked or in poor condition, the water-level switch turns off automatically preventing any overflow and potential ceiling damage

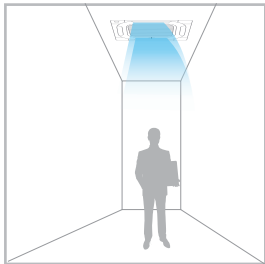


Air baffle fittings for irregular rooms

Air baffle fittings can be used to block specific discharge ports, optimizing airflow in others, providing customized airflow for irregularly-shaped rooms.



At the corner



In the narrow room



360°
airflow



Individual
louver control



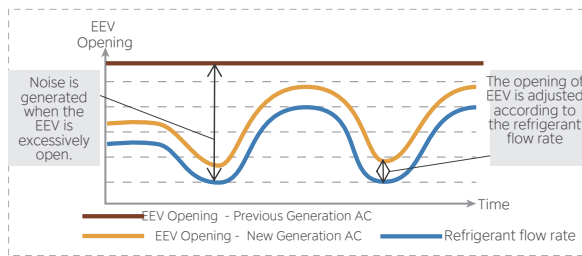
Healthy
air supply

Four-Way Cassette

COMFORT

EEV automatic adjustment

When in heating standby mode, the indoor unit automatically adjusts the EEV opening in response to the load which eliminates potential noise generated by flowing refrigerant.



Human detect sensor*

Using a millimeter-wave radar sensor, the unit senses the presence or absence of people in the room and will automatically adjust the temperature accordingly to ensure comfort while saving energy.



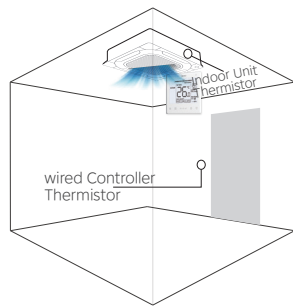
The indoor unit automatically runs when detecting human body

The indoor unit automatically stops when detecting absence

*Available on V8 Compact Four-Way Cassette as customized option.

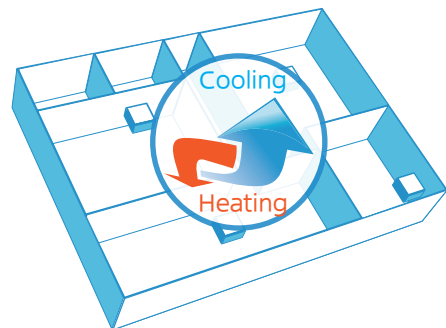
Dual-thermistor control

The indoor temperature can be checked using the thermistor in the wired controller as well as from the indoor unit



Auto coling/heating changeover

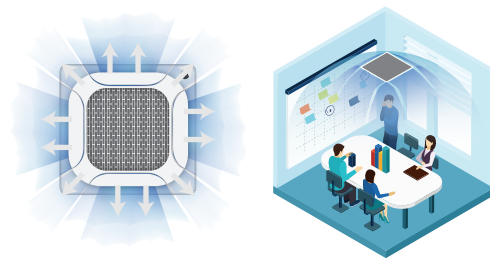
Automatically switches between cooling and heating modes as needed to efficiently reach the set temperature.



AIRFLOW

360° Airflow

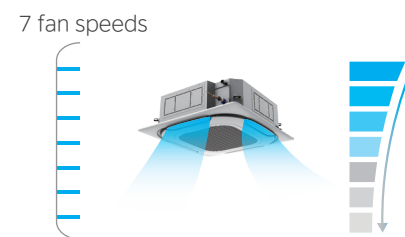
Improved design features a round air discharge for more uniform, evenly-distributed airflow.



The continuous air supply port air supply area increases by 20%

7 Fan speeds

7 fan-speed options let you customize comfort settings based on indoor conditions and user preference.



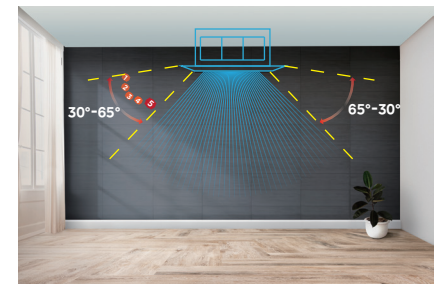
Soft wind mode

Directs airflow toward the ceiling to create a windless environment.



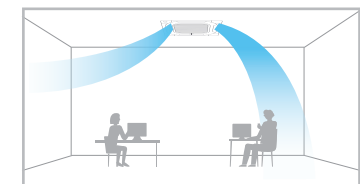
Multi-step vertical swing

The Four-way Cassette unit has a wide range of airflow angles from 30° to 65° and is equipped with a 5-step louver control and auto swing mode to better meet the needs of different customers.



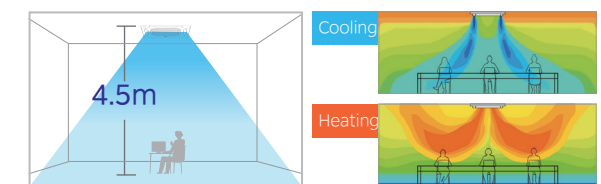
Individual louver control

All louvers can be independently controlled via the wired remote controller, letting you create a highly-customized airflow direction to accommodate unique room conditions



Long-distance air delivery

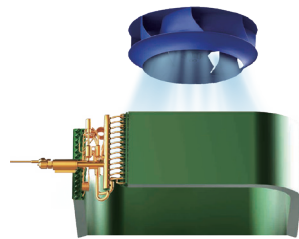
The Four-way Cassette has an additional 50Pa static pressure for long airflow delivery and is capable of being used in spaces up to 4.5m in floor height.



HEALTH

Heat exchanger mildew prevention

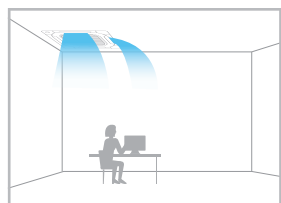
Fan will continue running after unit shuts off to dry out any lingering moisture, preventing mildew from forming on the heat exchanger.



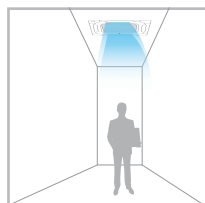
EASY INSTALLATION

Air baffle fittings for irregular rooms

Air baffle fittings can be used to block specific discharge ports, optimizing airflow in others, providing customized airflow for irregularly-shaped rooms.



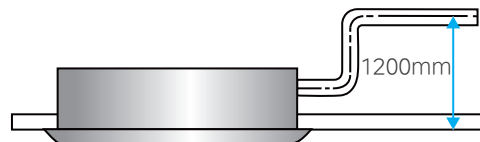
At the corner



In the narrow room

High-lift drain pump

Drain pump features a 1200mm raised height, simplifying installation while enabling efficient drainage of condensation from the indoor unit.



Water-level switch

When the drain pipe is blocked or in poor condition, the water-level switch turns off automatically preventing any overflow and potential ceiling damage.



Ultra-thin height



Quiet operation



Healthy air supply



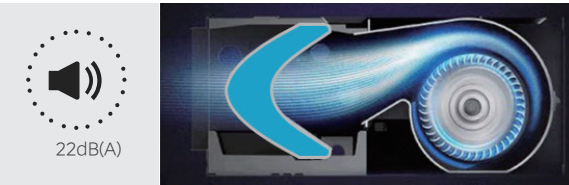
Constant air volume

Arc Duct

COMFORT

Quiet operation

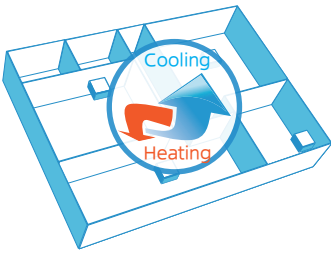
The fan motor, air duct, and heat exchanger have been redesigned to achieve near-silent operation down to 22dB(A), ensuring a tranquil and comfortable indoor environment.



- > - noise reduction
- > -Air duct noise reduction
- > -Heat exchanger noise reduction

Auto cooling-heating changeover

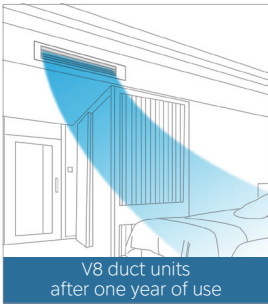
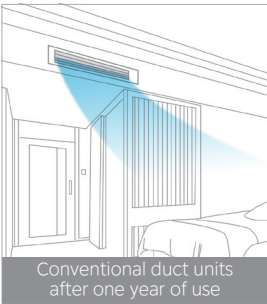
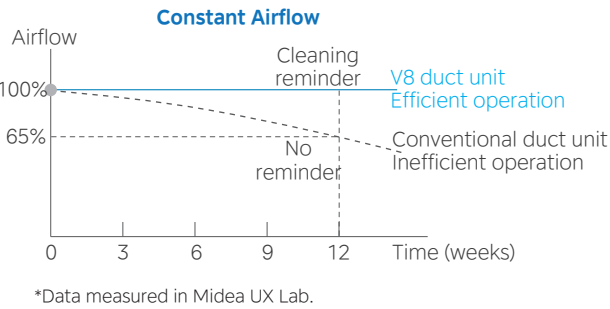
Automatically switches between cooling and heating modes as needed to efficiently reach the set temperature.



AIRFLOW

Constant airflow

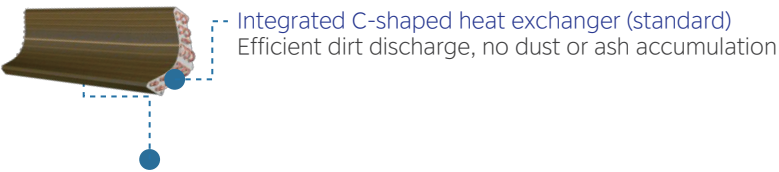
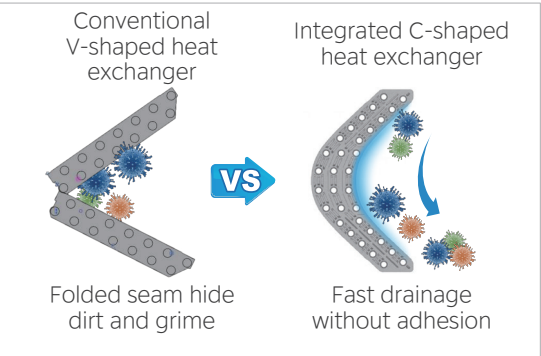
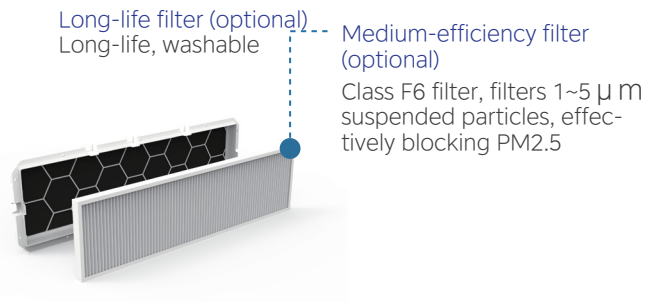
Constant airflow technology ensures that the volume of air output remains consistent, effectively overcoming installation challenges and ensuring optimal performance even with prolonged use.



HEALTH

Healthy air supply

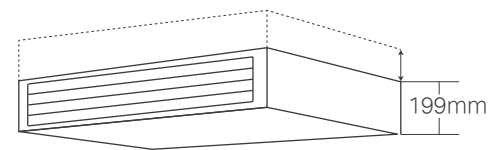
The Arc Duct unit incorporates an integrated C-shaped heat exchanger that facilitates rapid drainage without accumulating dust or ash. Additionally, the optional long-life filter, medium-life filter, and plasma sterilization module further improve air supply quality, promoting a healthier environment.



EASY INSTALLATION

Ultra-thin design

All models in the Arc Duct series have a low-profile design with a height of just 199mm. This space-saving feature makes installation easier, especially in narrow spaces.



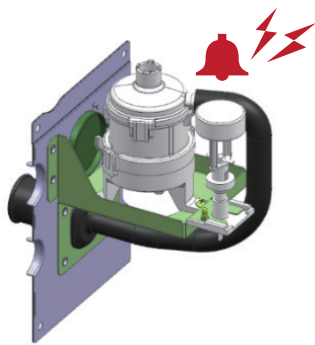
High-lift drain pump

Drain pump features a 1200mm raised height, simplifying installation while enabling efficient drainage of condensation from the indoor unit.



Drain-pump fault alert

Provides early warning of a drain-pump fault.



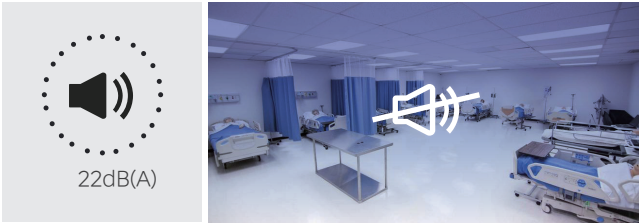
-  Compact design
-  Flexible installation
-  Healthy air supply
-  Constant air volume

Medium Static Pressure Duct

COMFORT

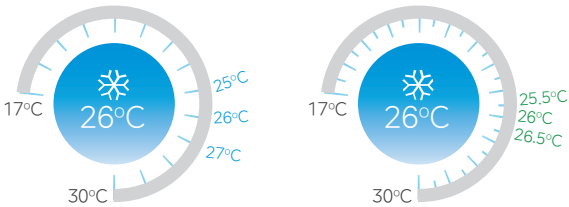
Quiet operation

The fan motor, air duct, and heat exchanger have been redesigned to achieve near-silent operation down to 22dB(A), ensuring a tranquil and comfortable indoor environment.



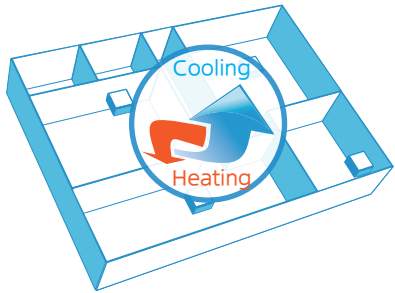
0.5°C/1°C Increment temperature adjustment

Set temperature can be adjusted in 0.5°C or 1°C increments, enabling precise comfort control.



Auto cooling/heating changeover

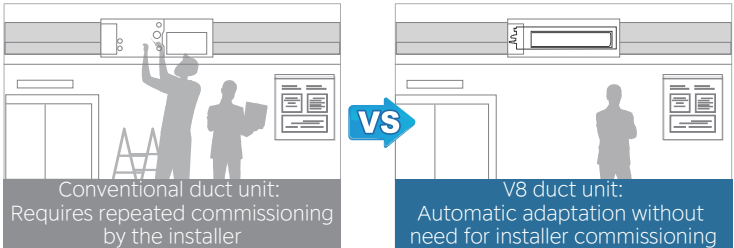
Automatically switches between cooling and heating modes as needed to efficiently reach the set temperature.



AIRFLOW

Adaptive duct length and filter resistance

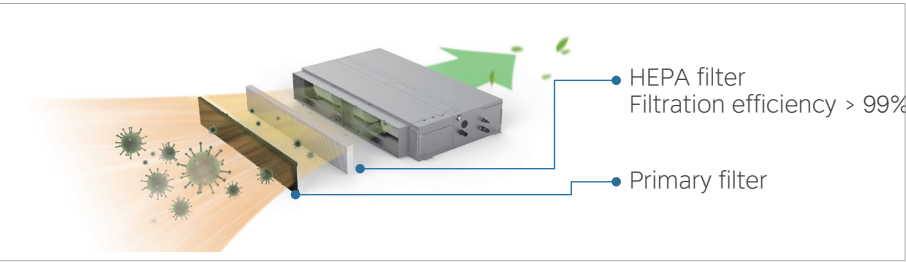
A digital fan motor, combined with a specially-designed independent drive chip automatically adjusts airflow based on different static pressure levels ranging from 10 to 160 Pa, and without any intervention required from the installer.



HEALTH

High-efficiency HEPA filter*

A robust static pressure of up to 160 Pa allows for the use of medical-grade HEPA filters, even on small-capacity models. These filters efficiently capture particles as fine as 0.5 microns with an efficiency of over 99%.

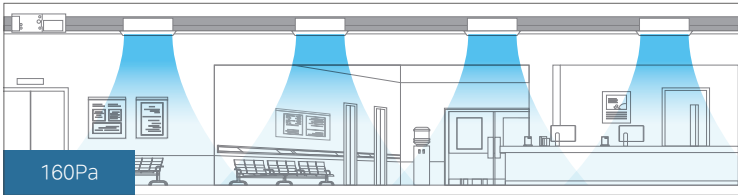
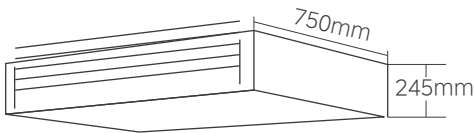


* Available as a customized option.

EASY INSTALLATION

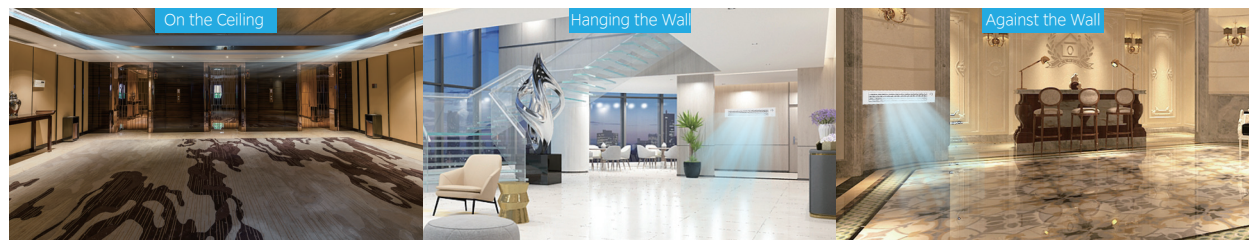
Space-saving design combined with high ESP

All models in the Medium Static Pressure Duct feature a low profile of just 245mm, making them ideal for installation in long and narrow spaces. Despite their compact height, they can overcome static pressures of up to 160 Pa, ensuring efficient cooling/heating airflow over longer distances.



Flexible, 3-way installation*

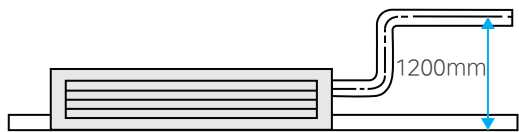
Our Medium Static Pressure Ducts are designed for flexible installation. They can be mounted on the ceiling or hung/mounted against a wall, making them suitable for nearly any room design.



*Hanging the Wall and Against the Wall are available as customization options.

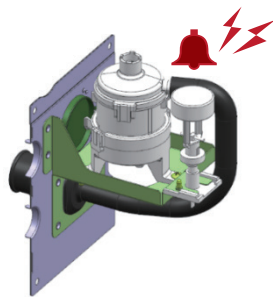
High-lift drain pump

Drain pump features a 1200mm raised height, simplifying installation while enabling efficient drainage of condensation from the indoor unit.



Drain-pump fault alert

Provides early warning of a drain-pump fault.



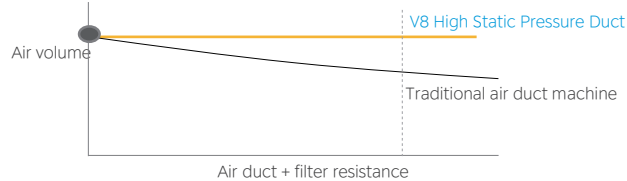
-  Compact design
-  Flexible installation
-  Healthy air supply
-  Constant air volume

High Static Pressure Duct

AIRFLOW

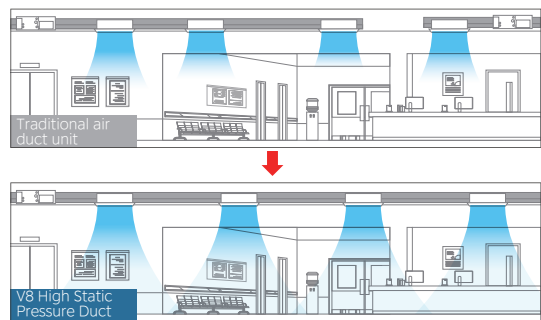
Constant airflow technology

By utilizing digital fan technology, air volume output levels are monitored and maintained at consistent levels. This capability allows it to overcome installation challenges without experiencing any reduction in performance, even with prolonged use.



Ultra-high static pressure

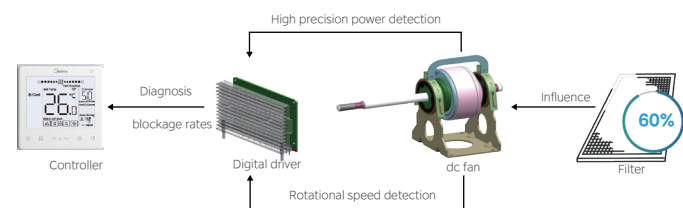
The unit can achieve static pressure of up to 250Pa (5.6-16kW), 280Pa (sectional unit 18-28kW), and 400Pa (20-56kW), allowing for longer air supply distances. This is particularly beneficial in long and narrow spaces like corridors, while also reducing the total number of units needed and saving on capital costs.



HEALTH

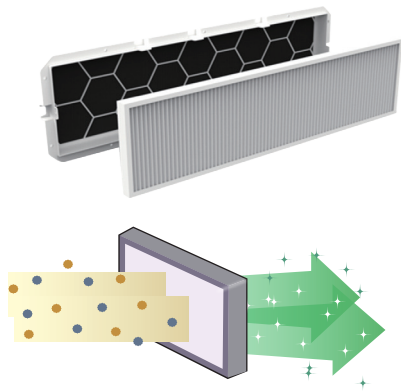
Air filter monitoring

The built-in machine learning technology can detect the real-time resistance of the filter screen. It displays the degree of blockage on the controller, to alert technicians when maintenance is required.



Optional filter screens

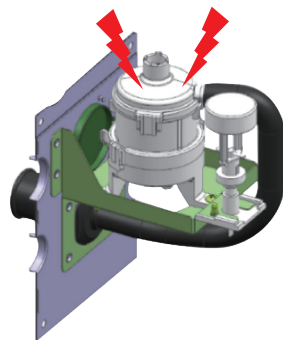
Optional F7 or H13-class air filters come equipped with H13 HEPA high-efficiency screens. These filters can effectively filter extremely-fine 0.5 micron particles with a primary filtration efficiency of more than 99.95%.



WIDER APPLICATION

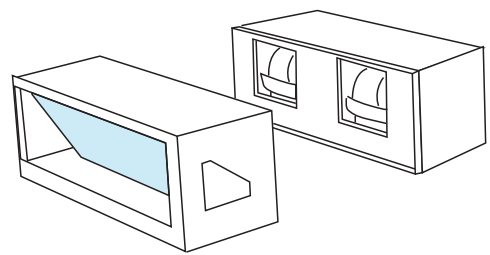
Digital DC water-pump monitor

Actively monitors pump speed and water flow, issuing alerts if leakages, jamming or other attenuation is detected.



Installation of duct in sections

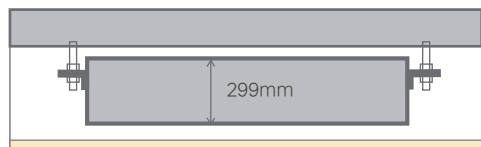
High Static Pressure Duct units support handling in sections, reducing the weight and size of individual units for easy handling and installation.



*Only high static pressure duct(section) support.

Ultra-thin profile

Our High Static Pressure Duct features a low profile of just 299mm, reducing the amount of ceiling space required for installation and providing increased flexibility in placement.



High-lift drain pump

Drain pump features a 1200mm raised height, simplifying installation while enabling efficient drainage of condensation from the indoor unit.





Close to ceiling installation



Multi-directional drainage



Quiet operation



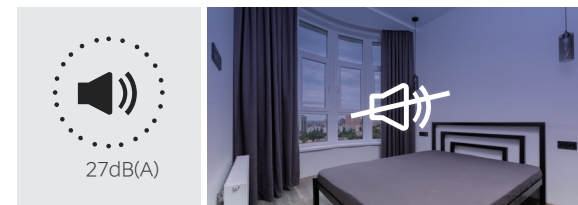
Bi-directional Coanda airflow

Wall-Mounted Units

COMFORT

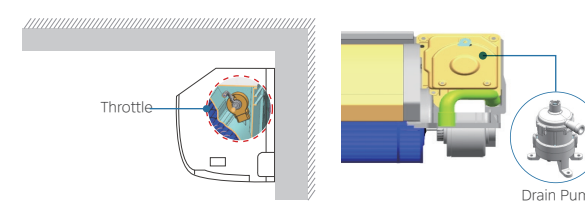
Quiet operation

Our Wall-Mounted units feature ultra-quiet operation down to 27dB(A) making them an ideal choice for lodging applications and other noise-sensitive



Enclosed components

Our Wall-Mount units feature fully-enclosed throttle parts and drain pumps, ensuring quiet operation.



Human detect sensor*

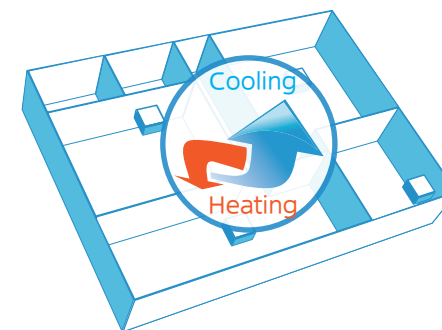
Using a millimeter-wave radar sensor, the unit senses the presence or absence of people in the room and will automatically adjust the temperature accordingly to ensure comfort while saving energy.



*Available on V8 Wall Mounted as customized option.

Auto cooling/heating changeover

Automatically switches between cooling and heating modes as needed to efficiently reach the set temperature.



Sleep mode

The smart sleep mode provides a comfortable sleep period and a refreshing wake up time.

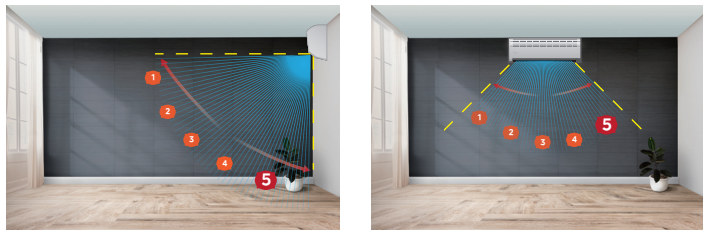


*Temperature on left is for reference.

AIRFLOW

3D airflow*

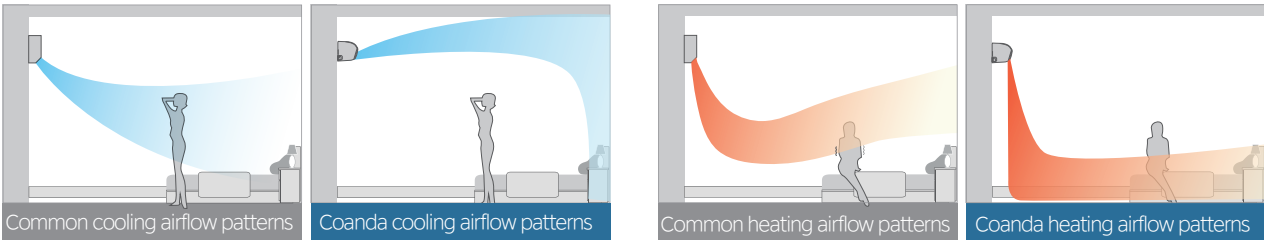
The 3D airflow feature allows for vertical and horizontal air discharge, resulting in more uniform dispersion and temperature distribution.



Up & Down
Right & Left
*Horizontal swing function on wall-mount units available as customized option.

Bi-directional coanda airflow

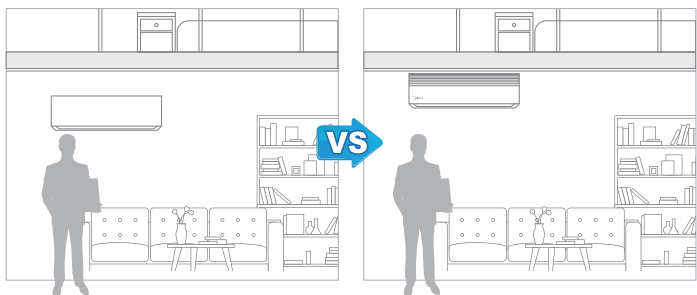
With bi-directional Coanda airflow delivery technology, the cold air does not blow directly on people and the hot air warms up evenly from the feet for better comfort.



EASY INSTALLATION

Ceiling-adjacent mounting

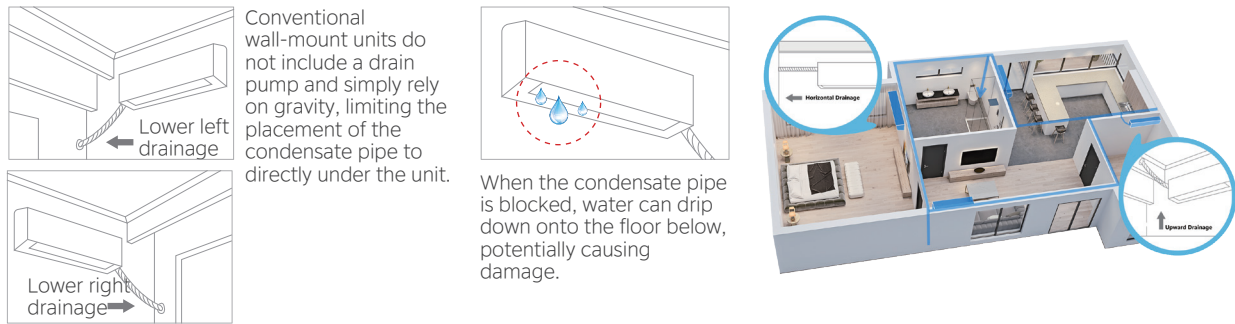
The newly-designed heat exchanger in our wall-mount unit allows for high-on-wall installation, with the unit positioned as close as 3cm from the ceiling. This creates a sense of additional spaciousness in the room.



There is some distance from ceiling
The distance from the ceiling is 3cm

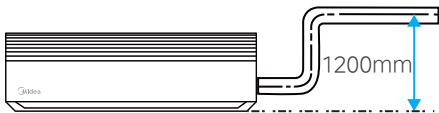
Multi-directional drainage

The multi-directional drainage function allows condensate to be expelled in various directions—upward, downward, or horizontally. This feature offers flexibility in unit placement and installation.



High-lift drain pump*

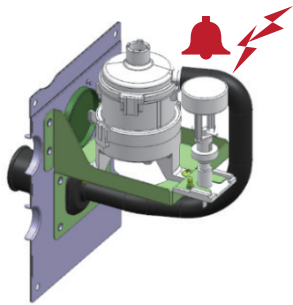
Drain pump features a 1200mm raised height, simplifying installation while enabling efficient drainage of condensation from the indoor unit.



*The drain pump is available as a customization option.

Drain-pump fault alert

Provides early warning of a drain-pump fault.





Healthy
air supply



Multi-functional
Expansion



Flexible
installation

Floor Standing F3-F4-F5

COMFORT

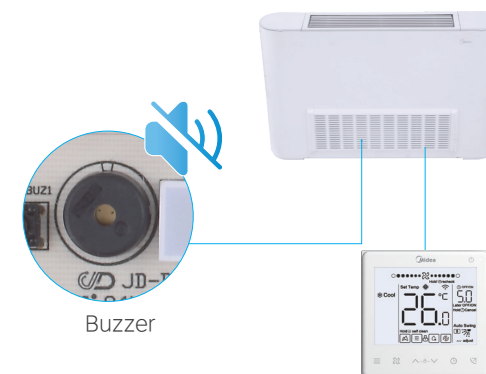
Digital display on/off

Indoor unit displays can be deactivated at night, creating a darker environment for sleep.



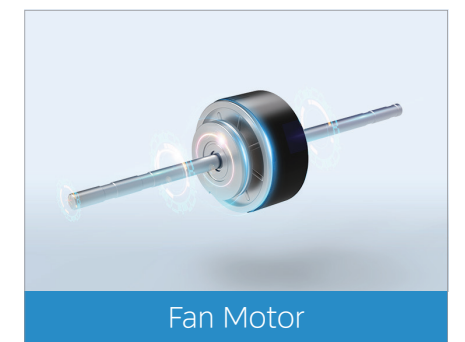
Alert beep on/off

Indoor unit alert beeps can be deactivated to prevent any unwanted disturbance



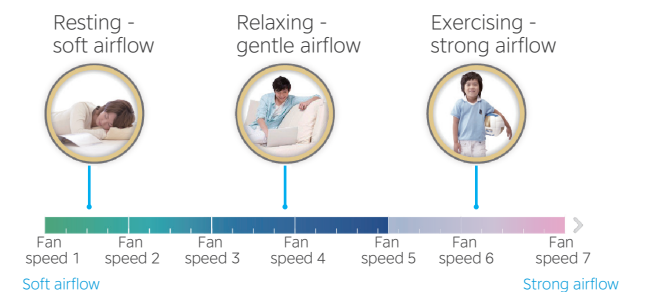
Quiet operation

The DC-powered fan motor and water pump enable quieter, more energy-efficient operation compared to AC-powered units, ensuring a tranquil and comfortable indoor environment.



Multiple fan speeds

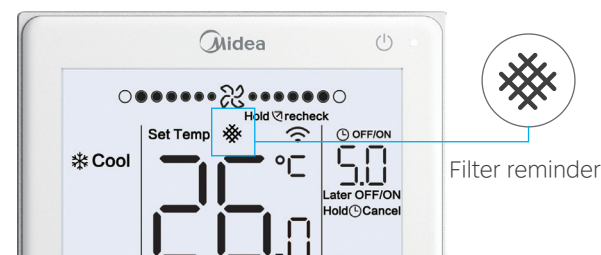
7 fan-speed options let you customize comfort settings based on indoor conditions and user preference.



HEALTH

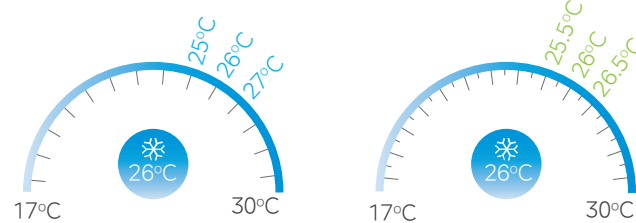
Air filter monitoring

The built-in machine learning technology can detect the real-time resistance of the filter screen. It displays the degree of blockage on the controller, ranging from 10% to 100%, to alert technicians when maintenance is required.



0.5°C/1°C Increment temperature adjustment

Set temperature can be adjusted in 0.5°C or 1°C increments, enabling precise comfort control.



WIDER APPLICATION

Multiple design styles

Floor Standing units come in 3 design styles to meet different aesthetic and design requirements.



F3 (concealed)



F4 (front air intake)



F5 (underside air intake)

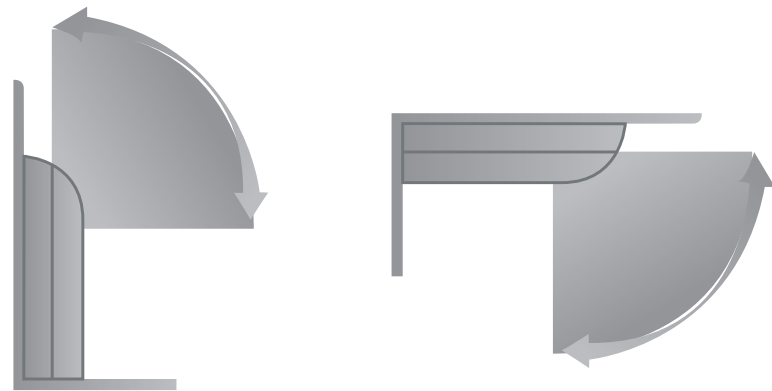


Ceiling&Floor Units

Feature

Flexible, 2-way installation

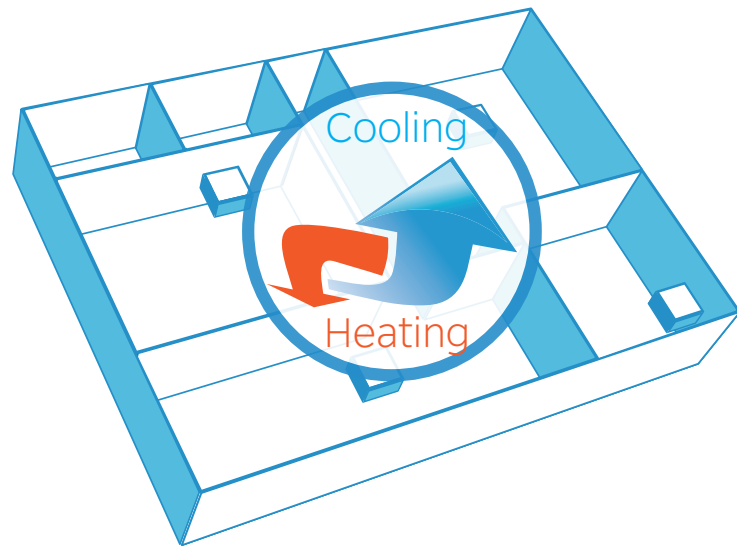
A sleek design suits installation either on the ceiling or floor, providing flexibility to accommodate a wide range of room designs.



The unit can be installed either horizontally on the ceiling or vertically against the wall.

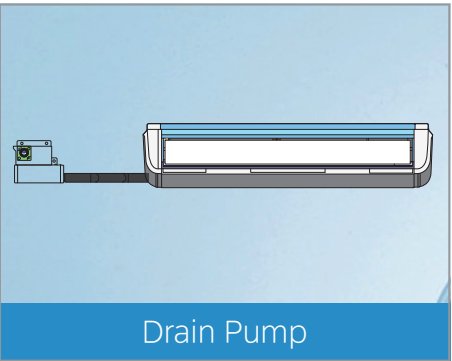
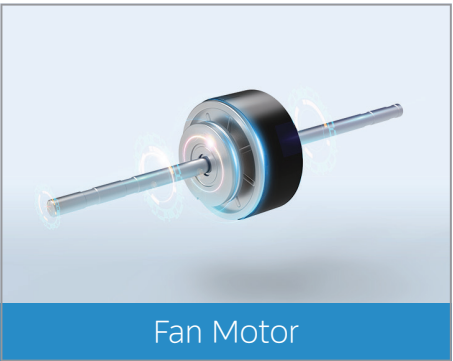
Auto cooling/heating changeover

Automatically switches between cooling and heating modes as needed to efficiently reach the set temperature.



Quiet operation

The DC-powered fan motor and water pump* enable quieter, more energy-efficient operation compared to AC-powered units, ensuring a tranquil and comfortable indoor environment.



*External drain Pump available as customized option.

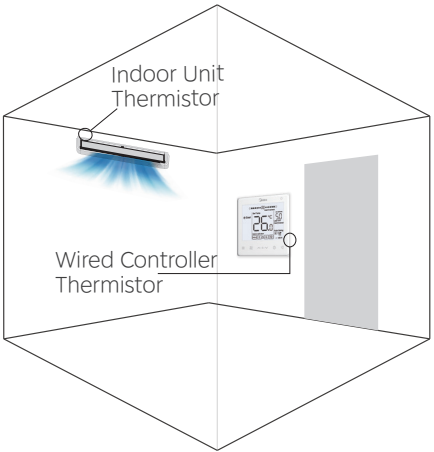
Multi-step vertical swing

5-step, louver vertical-swing feature with automatic setting, uniformly distributes airflow at a wide 35-65° angle for more consistent temperature control.



Dual-thermistor control

The indoor temperature can be checked using the thermistor in the wired controller as well as from the indoor unit





Compact design



Flexible installation



Healthy air supply



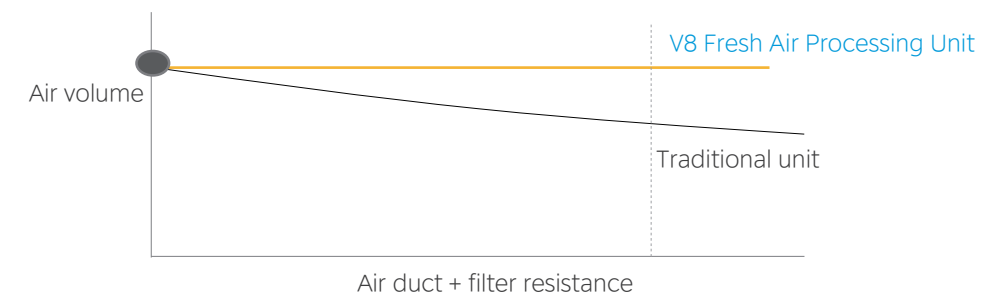
Constant air volume

Fresh Air Processing Duct

AIR FLOW

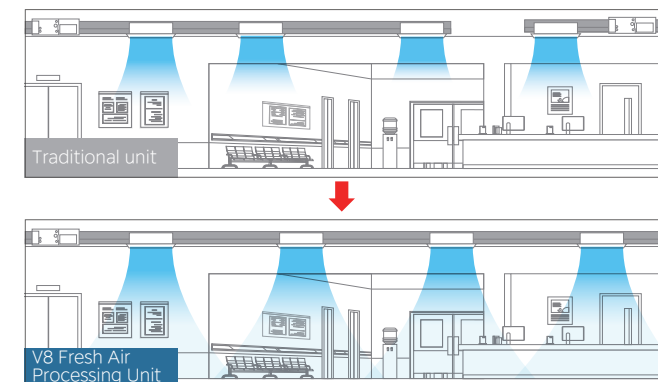
Constant airflow

By utilizing digital fan technology, air volume output levels are monitored and maintained at consistent levels. This capability allows it to overcome installation challenges without experiencing any reduction in performance, even with prolonged use.



Ultra-high static pressure

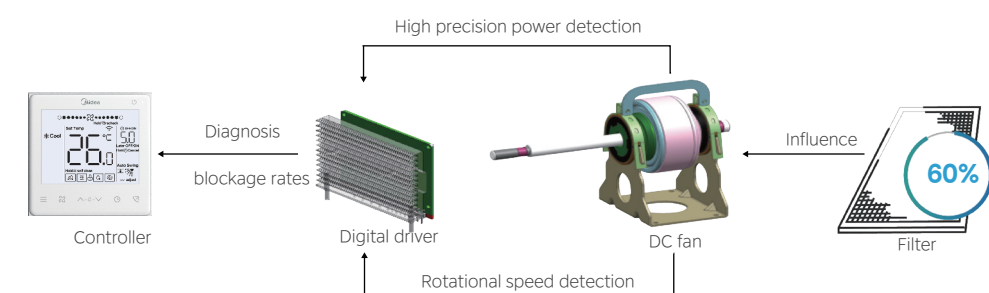
The unit can achieve static pressures of up to 400Pa, allowing for longer air supply distances. This is particularly beneficial in long and narrow spaces like corridors, while also reducing the total number of units needed and saving on capital costs.



HEALTH

Air filter monitoring

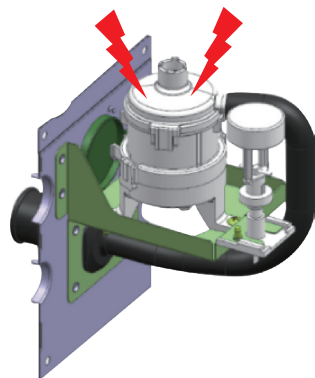
The built-in machine learning technology can detect the real-time resistance of the filter screen. It displays the degree of blockage on the controller, to alert technicians when maintenance is required.



WIDER APPLICATION

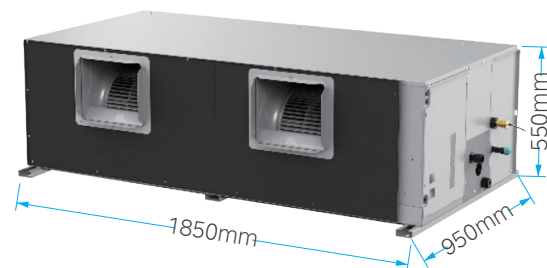
Digital DC water-pump monitor

Actively monitors pump speed and water flow, issuing alerts if leakages, jamming or other attenuation is detected.



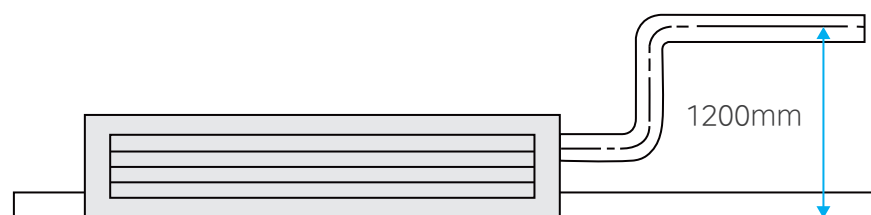
Ultra-thin profile

Our Fresh Air Processing Duct (20-56kW) features a low profile of just **550mm**, reducing the amount of ceiling space required for installation and providing increased flexibility in placement.



High-lift drain pump

Drain pump features a 1200mm raised height, simplifying installation while enabling efficient drainage of condensation from the indoor unit



Compact design



Flexible installation



Healthy air supply



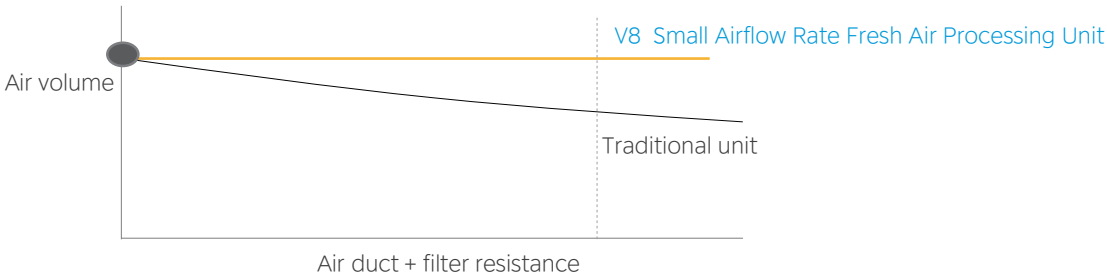
Constant air volume

Small Airflow Rate Fresh Air Processing Duct

AIR FLOW

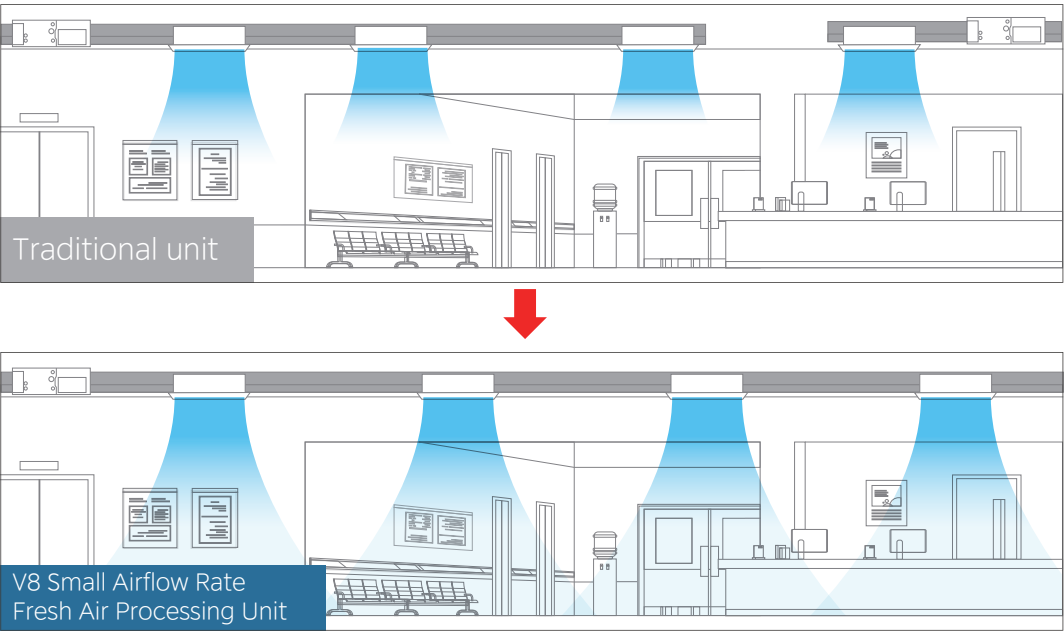
Constant airflow

By utilizing digital fan technology, air volume output levels are monitored and maintained at consistent levels. This capability allows it to overcome installation challenges without experiencing any reduction in performance, even with prolonged use.



Ultra-high static pressure

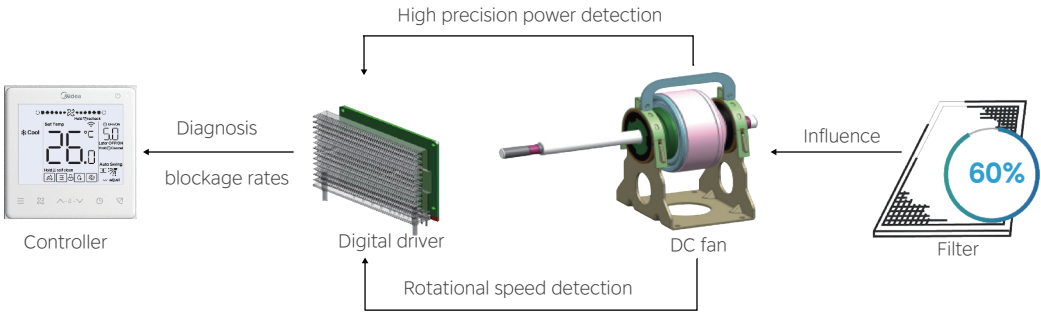
The unit can achieve static pressures of up to 300Pa, allowing for longer air supply distances. This is particularly beneficial in long and narrow spaces like corridors, while also reducing the total number of units needed and saving on capital costs.



HEALTH

Air filter monitoring

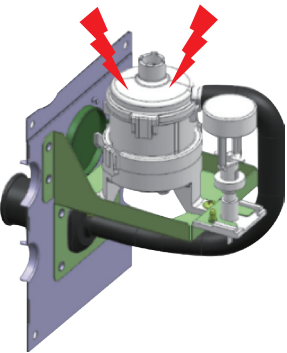
The built-in machine learning technology can detect the real-time resistance of the filter screen. It displays the degree of blockage on the controller, to alert technicians when maintenance is required.



WIDER APPLICATION

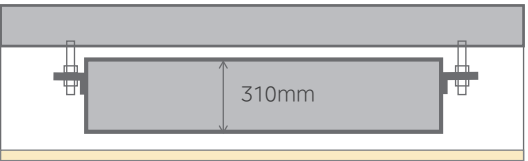
Digital DC water-pump monitor

Actively monitors pump speed and water flow, issuing alerts if leakages, jamming or other attenuation is detected.



Ultra-thin Profile

Our Fresh Air Processing Duct (9-28kW) features a low profile of just **310mm**, reducing the amount of ceiling space required for installation and providing increased flexibility in placement.



High-lift drain pump

Drain pump features a 1200mm raised height, simplifying installation while enabling efficient drainage of condensation from the indoor unit.





Compact design



Healthy air supply



Energy Saving

V8 HRV

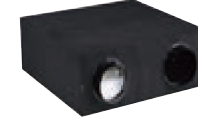
Features

Wide capacity range

The airflow is from 200m³/h to 2000m³/h which can meet the requirements of most scenarios.



200-400m³/h



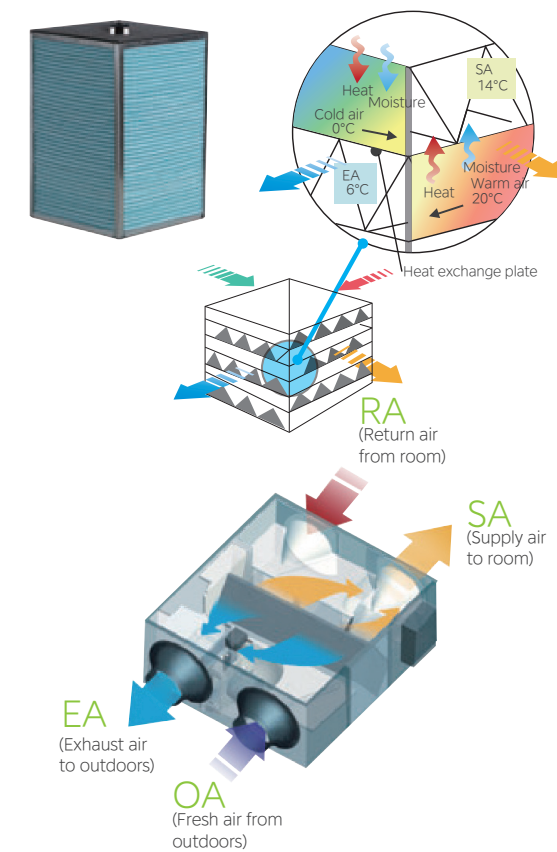
500-1000m³/h



1500-2000mm³/h

Energy saving, heat recovery for both heat and humidity

The heat recovery ventilator (HRV) can greatly reduce energy loss and room temperature fluctuations caused by the ventilation process. The Midea HRV's strong performance is a result of the advanced technology incorporated into its design. The heat exchanger core is made of specially filter material which gives enhanced temperature and humidity control. It prevents energy being wasted by recovering waste heat from the outgoing air, thus offering much greater levels of efficiency, while improving comfort levels too.

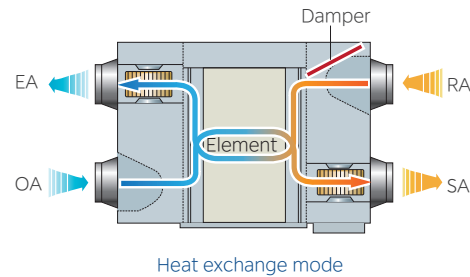


Multiple operation modes

Multiple operation modes: Auto, Bypass, Heat recovery, Free cooling mode.

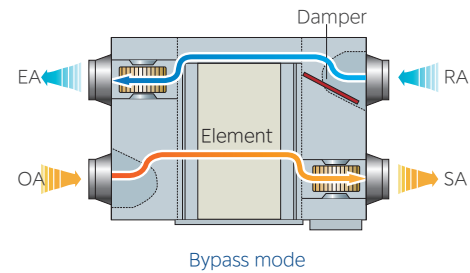
Heat exchange mode

The flows of incoming and outgoing air pass close to each other, allowing heat transfer between the two channels. During summer, incoming air is cooled by the indoor air being exhausted and in winter, incoming air is warmed.



Bypass mode

In mild climates or seasons, where temperature and humidity differences between indoors and outdoors are small, the HRV can work as a conventional ventilation fan. In standard bypass mode the supply and exhaust fans run at the same speed.

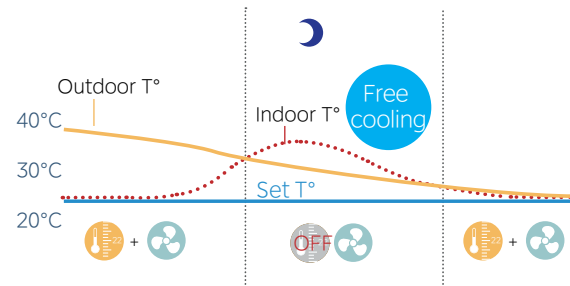


Auto mode

The controller chooses heat exchange mode or bypass mode according to the temperature difference between outdoors and indoors. Both fans are set to run at low speed.

Free Cooling Mode*

Free cooling mode is only available for DC Series HRV. Free cooling operation is an energy saving function operating when outdoor ambient temperature is below indoor ambient temperature, it uses low temperature fresh air to cool down indoor temperature, reducing the running costs.



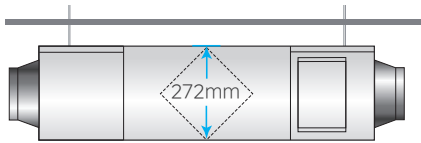
High efficiency filter

Standard Built-in G4-class dust filter, optional F7-class filter for air supply side and M5-class filter for exhaust air side in line with EU legislations can be customized.



Easy installation

Slim and compact design of units, making the installation more convenient.



Wide range of controllers.

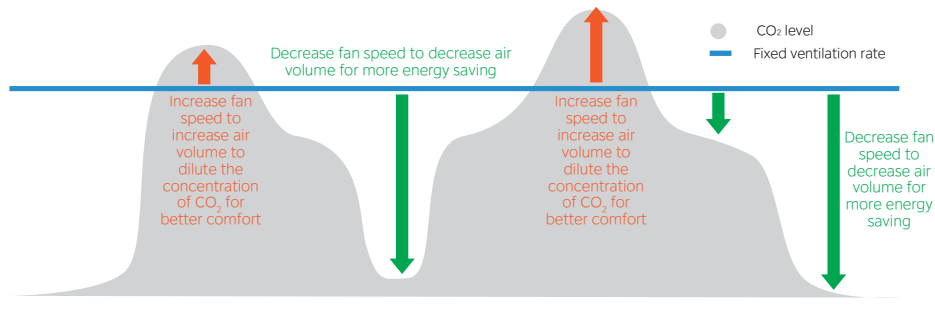
The HRV has its special wired controller WDC3-86S2. It also can be centralized control with VRF system through centralized controller and network control with VRF system through Midea gateways.



*The centralized control will be available in December 2023. The gateway will be available in March 2024

CO₂ sensor option

Enough fresh air is needed to create an enjoyable environment, but ventilating constantly is leading to energy waste. Therefore, an optional CO₂ sensor can be installed which switches off the ventilation system when there is enough fresh air in the room, thus saving energy.





Compact design



Healthy air supply



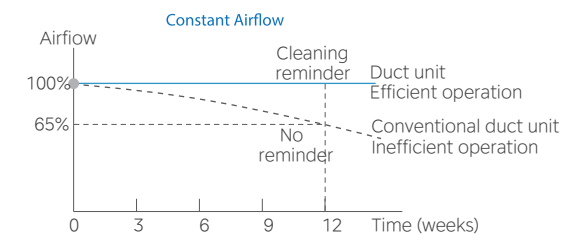
Energy Saving

Floor-Standing Units (FS)

AIR FLOW

Constant airflow*

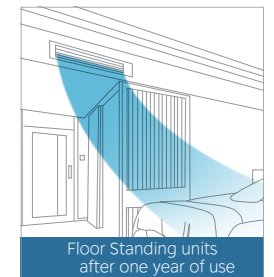
By utilizing digital fan technology, air volume output levels are monitored and maintained at consistent levels. This capability allows it to overcome installation challenges without experiencing any reduction in performance, even with prolonged use.



*Data measured in the UX lab of Midea



Conventional units after one year of use

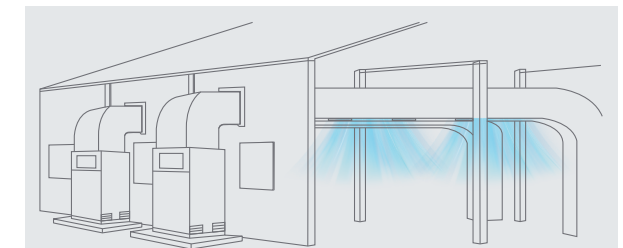
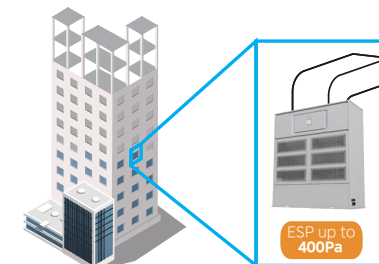


Floor Standing units after one year of use

*Only the top discharge type units supports the constant airflow function.

High external static pressure

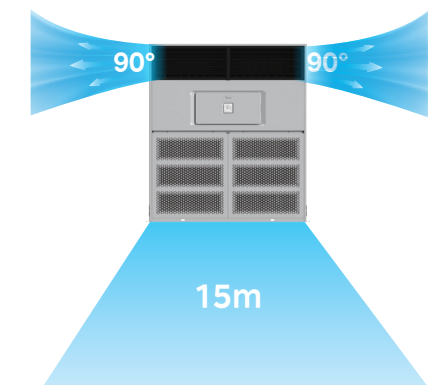
With a static pressure of 400Pa, top discharge type units can be connected to a air duct, which increases the flexibility of choosing the installation point of the equipment.



**Only the top discharge type units have external static pressure. The maximum static pressure for outdoor installation is 350Pa.

Large angle of wind

High efficiency fan, large air supply, large angle air, fast temperature control.



Easy Installation and Service

Flexible installation location

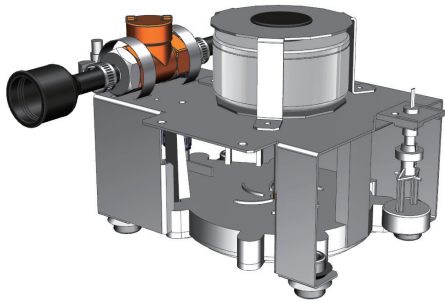
Flexible installation location, indoor and outdoor can be installed, Waterproof grade is IPX4, which is safer and more reliable.



*Outdoor installation needs to be customized.

More reliable drainage

Optional 6m drain pump*, to meet most of the plants and other industrial areas on the top of the drainage requirements. 5-21L drain pan, to ensure that the extreme working conditions and failures do not overflow.

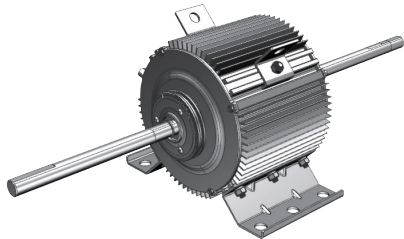


*The drain pump is available as a customization option

High Efficiency

Full DC electronic components

The fan motor is dc power supply, making the temperature control more precise and the indoor temperature more uniform.



Specifications

One-Way Cassette

Model name			MIH18Q1N18	MIH22Q1N18	MIH28Q1N18
Power supply			1-phase, 220-240V, 50Hz		
Cooling ¹	Capacity	kW	1.8	2.2	2.8
		kBtu/h	6.1	7.5	9.6
	Input	W	25	25	30
Heating ²	Capacity	kW	2.2	2.6	3.2
	Input	kBtu/h	7.5	8.9	10.9
Airflow rate ³		m³/h	380/355/330/300/286/263/240	380/355/330/300/286/263/240	460/440/410/380/355/330/300
Sound pressure leve ⁴		dB(A)	30/28/27/26/25/24/22	30/28/27/26/25/24/22	37/36/35/34/32/31/30
Sound power level		dB(A)	44/42/41/40/39/38/36	44/42/41/40/39/38/36	51/50/49/48/46/45/44
Indoor unit	Net dimensions ⁵ (W×H×D)	mm	1054×153×428	1054×153×428	1054×153×428
	Net dimensions (no water tray) (W×H×D)	mm	1054×141×428	1054×141×428	1054×141×428
	Packed dimensions (W×H×D)	mm	1155×245×490	1155×245×490	1155×245×490
	Net/Gross weight	kg	11.5/14.5	11.5/14.5	11.8/14.8
Panel	Net dimensions (W×H×D)	mm	1180×25×465	1180×25×465	1180×25×465
	Packed dimensions (W×H×D)	mm	1232×107×517	1232×107×517	1232×107×517
	Net/Gross weight	kg	3.5/4.7	3.5/4.7	3.5/4.7
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

Model name			MIH36Q1N18	MIH45Q1N18	MIH56Q1N18	MIH71Q1N18
Power supply			1-phase, 220-240V, 50Hz			
Cooling ¹	Capacity	kW	3.6	4.5	5.6	7.1
		kBtu/h	12.3	15.4	19.1	24.2
	Input	W	30	40	48	60
Heating ²	Capacity	kW	4.0	5.0	6.3	8.0
		kBtu/h	13.6	17.1	21.5	27.3
	Input	W	30	40	48	60
Airflow rate ³		m³/h	460/440/410/380/355/330/300	693/662/638/600/556/510/476	792/763/728/688/643/589/549	933/873/815/749/689/637/592
Sound pressure leve ⁴		dB(A)	38/37/35/34/32/31/30	39/37/36/35/34/32/31	41/39/38/37/36/35/33	43/41/40/39/37/36/35
Sound power level		dB(A)	52/51/49/48/46/45/44	53/51/50/49/48/46/45	55/53/52/51/50/49/47	57/55/54/53/51/50/49
Indoor unit	Net dimensions ⁵ (W×H×D)	mm	1054×153×428	1275×189×452	1275×189×452	1275×189×452
	Net dimensions (no water tray) (W×H×D)	mm	1054×141×428	1275×176×452	1275×176×452	1275×176×452
	Packed dimensions (W×H×D)	mm	1155×245×490	1370×295×505	1370×295×505	1370×295×505
	Net/Gross weight	kg	11.8/14.8	15.8/20.2	15.8/20.2	16.9/21.4
Panel	Net dimensions (W×H×D)	mm	1180×25×465	1350×25×505	1350×25×505	1350×25×505
	Packed dimensions (W×H×D)	mm	1232×107×517	1410×95×560	1410×95×560	1410×95×560
	Net/Gross weight	kg	3.5/4.7	4/5.6	4/5.6	4/5.6
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Each model's 7 airflow rate options are listed in order, from highest to lowest.
4. Each model's 7 sound pressure levels are listed in order from highest to lowest and correspond to the model's 7 airflow rate options (see Note 3). Sound pressure level is measured 1.4m below the unit in a anechoic chamber.
5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.
6. These products are under development and the specifications are always subject to change.

Specifications

New One-Way Cassette

Model name			MIH18Q1N18(A)	MIH22Q1N18(A)	MIH28Q1N18(A)	MIH36Q1N18(A)
Power supply			1-phase, 220-240V, 50Hz			
Cooling ¹	Capacity	kW	1.8	2.2	2.8	3.6
		kBtu/h	6.1	7.5	9.6	12.3
	Power Input	W	15	19	27	29
Heating ²	Capacity	kW	2.0	2.5	3.2	4.0
		kBtu/h	6.8	8.0	10.9	13.6
	Power Input	W	15	19	27	29
Airflow rate ³	m³/h	300/283/266/ 250/233/216/200	400/375/350/ 325/300/275/250	550/516/483/ 450/416/383/350	550/516/483/ 450/416/383/350	
Sound pressure leve ⁴	dB(A)	28/27/26/26/25/24/24	32/30/29/28/27/26/25	33/31/30/29/28/27/26	36/34/33/32/30/29/28	
Sound power level	dB(A)	35/34/33/32/31/30/29	43/42/39/37/35/33/31	45/44/43/41/39/37/35	48/46/44/42/40/38/36	
Indoor unit	Net dimensions ⁵ (W×H×D)	mm	700×150×425	700×150×425	900×150×425	900×150×425
	Net dimensions(no water tray) (W×H×D)	mm	700×130×425	700×130×425	900×130×425	900×130×425
	Packed dimensions (W×H×D)	mm	880×245×510	880×245×510	1080×245×510	1080×245×510
	Net/Gross weight	mm	9.6/11.9	9.6/11.9	11.2/13.8	12.2/14.7
Panel	Net dimensions (W×H×D)	mm	980×64×475	980×64×475	1180×64×475	1180×64×475
	Packed dimensions (W×H×D)	mm	1070×100×560	1070×100×560	1270×100×560	1270×100×560
	Net/Gross weight	kg	2.4/4.4	2.4/4.4	3/5.2	3/5.2
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25

Model name			MIH45Q1N18(A)		MIH56Q1N18(A)		MIH71Q1N18(A)	
Power supply			1-phase, 220-240V, 50Hz					
Cooling ¹	Capacity	kW	4.5		5.6		7.1	
		kBtu/h	15.4		19.1		24.2	
	Power Input	W	30		40		52	
Heating ²	Capacity	kW	5.0		6.3		8.0	
		kBtu/h	17.1		21.5		27.3	
	Power Input	W	30		40		52	
Airflow rate ³		m³/h	850/791/733/675/616/558/500		1000/941/883/825/766/708/650		1050/1000/950/900/850/800/750	
Sound pressure leve ⁴		dB(A)	39/37/36/35/34/33/32		45/43/42/40/39/37/36		47/45/44/43/42/41/40	
Sound power level		dB(A)	49/47/45/43/41/39/37		55/53/51/49/47/45/43		56/55/54/52/50/48/46	
Main body	Net dimensions ⁵ (W×H×D)	mm	1200×150×425		1200×150×425		1200×150×425	
	Net dimensions(no water tray) (W×H×D)	mm	1200×130×425		1200×130×425		1200×130×425	
	Packed dimensions (W×H×D)	mm	1380×245×510		1380×245×510		1380×245×510	
	Net/Gross weight	kg	14.3/17.7		15.5/18.8		15.5/18.8	
Panel	Net dimensions (W×H×D)	mm	1480×64×475		1480×64×475		1480×64×475	
	Packed dimensions (W×H×D)	mm	1570×100×560		1570×100×560		1570×100×560	
	Net/Gross weight	kg	3.8/6.5		3.8/6.5		3.8/6.5	
Refrigerant type			R410A/R32		R410A/R32		R410A/R32	
pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7		Φ6.35/Φ12.7		Φ9.52/Φ15.9	
	Drain pipe	mm	OD Φ25		OD Φ25		OD Φ25	

- Notes:
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.4m below the unit in a anechoic chamber.
 - Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

Two-Way Cassette

Model name			MIH22Q2N18	MIH28Q2N18	MIH36Q2N18
Power supply			1-phase, 220-240V, 50Hz		
Cooling ¹	Capacity	kW	2.2	2.8	3.6
		kBtu/h	7.5	9.6	12.3
	Power Input	W	35	40	40
Heating ²	Capacity	kW	2.6	3.2	4
		kBtu/h	8.9	10.9	13.6
	Power Input	W	35	40	40
Airflow rate ³		m³/h	654/612/571/530/488/449/410	654/612/571/530/488/449/410	725/679/641/591/554/509/458
Sound pressure leve ⁴		dB(A)	33/31/30/29/27/25/24	33/31/30/29/27/25/24	35/33/32/30/29/27/25
Sound power level		dB(A)	49/47/46/45/43/41/40	49/47/46/45/43/41/40	51/49/48/46/45/43/41
Indoor unit	Net dimensions ⁵ (W×H×D)	mm	1172×299×591	1172×299×591	1172×299×591
	Packed dimensions (W×H×D)	mm	1355×400×675	1355×400×675	1355×400×675
	Net/Gross weight	kg	29.7/36.3	29.7/36.3	29.7/36.3
Panel	Net dimensions (W×H×D)	mm	1430×53×680	1430×53×680	1430×53×680
	Packed dimensions (W×H×D)	mm	1525×130×765	1525×130×765	1525×130×765
	Net/Gross weight	kg	11/15	11/15	11/15
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ32	OD Φ32	OD Φ32

Model name			MIH45Q2N18	MIH56Q2N18	MIH71Q2N18
Power supply			1-phase, 220-240V, 50Hz		
Cooling ¹	Capacity	kW	4.5	5.6	7.1
		kBtu/h	15.4	19.1	24.2
Heating ²	Power Input	W	50	69	98
	Capacity	kW	5	6.3	8
		kBtu/h	17.1	21.5	27.3
	Power Input	W	50	69	98
	Airflow rate ³	m³/h	850/792/731/670/631/592/550	980/925/855/800/755/702/670	1200/1115/1068/1000/921/808/770
Sound pressure leve ⁴		dB(A)	37/36/35/34/32/31/30	39/37/36/35/33/31/30	44/42/41/40/38/36/34
Sound power level		dB(A)	53/52/51/50/48/47/46	55/53/52/51/49/47/46	60/58/57/56/54/52/50
Indoor unit	Net dimensions ⁵ (W×H×D)	mm	1172×299×591	1172×299×591	1172×299×591
	Packed dimensions (W×H×D)	mm	1355×400×675	1355×400×675	1355×400×675
	Net/Gross weight	kg	31.6/38.2	31.6/38.2	31.6/38.2
Panel	Net dimensions (W×H×D)	mm	1430×53×680	1430×53×680	1430×53×680
	Packed dimensions (W×H×D)	mm	1525×130×765	1525×130×765	1525×130×765
	Net/Gross weight	kg	11/15	11/15	11/15
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ32	OD Φ32	OD Φ32

- Notes:
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.4m below the unit in a anechoic chamber.
 - The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.

Specifications

Compact Four-Way Cassette

Model name			MIH15Q4CN18	MIH22Q4CN18	MIH28Q4CN18	MIH36Q4CN18
Power supply			1-phase, 220-240V, 50Hz			
Cooling ¹	Capacity	kW	1.5	2.2	2.8	3.6
		kBtu/h	5.1	7.5	9.6	12.3
	Power Input	W	14	14	16	18
Heating ²	Capacity	kW	1.8	2.4	3.2	4.0
		kBtu/h	6.1	8.2	10.9	13.7
	Power Input	W	14	14	16	18
Airflow rate ³		m³/h	450/425/400/ 370/345/320/295	450/425/400/ 370/345/320/295	510/480/455/ 425/395/370/340	530/500/470/ 440/405/375/345
Sound pressure leve ⁴		dB(A)	29/28/27/27/26/26/25	29/28/27/27/26/26/25	30/29/28/27/26/26/25	31/30/29/28/27/26/25.5
Sound power level		dB(A)	40/39/39/39/38/38/38	40/39/39/39/38/38/38	42/41/40/39/39/38/38	42/40/39/38/38/38/38
Main body	Net dimensions ⁵ (W×H×D)	mm	575×235×638	575×235×638	575×235×638	575×235×638
	Packed dimensions (W×H×D)	mm	690×285×690	690×285×690	690×285×690	690×285×690
	Net/Gross weight	kg	13.0/15.5	13.0/15.5	13.0/15.5	14.0/16.5
Panel	Net dimensions (W×H×D)	mm	620×65×620	620×65×620	620×65×620	620×65×620
	Packed dimensions (W×H×D)	mm	680×80×665	680×80×665	680×80×665	680×80×665
	Net/Gross weight	kg	2.3/3.0	2.3/3.0	2.3/3.0	2.3/3.0
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32
pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25

Four-Way Cassette

Model name			MIH28Q4N18		MIH36Q4N18	
Power supply			1-phase, 220-240V, 50Hz			
Cooling ¹	Capacity	kW	2.8		3.6	
		kBtu/h	9.6		12.3	
	Power Input	W	17.0		17.0	
Heating ²	Capacity	kW	3.2		4.0	
		kBtu/h	10.9		13.7	
	Power Input	W	17.0		17.0	
Airflow rate ³		m ³ /h	790/740/691/641/591/542/492		790/740/691/641/591/542/492	
Sound pressure leve ⁴		dB(A)	30/29/28/27.5/27/26/25		30/29/28/27.5/27/26/25	
Sound power level		dB(A)	43/42/41/41/40/39/39		44/43/42/42/41/40/39	
Main body	Net dimensions ⁵ (W×H×D)	mm	840×204×840		840×204×840	
	Packed dimensions (W×H×D)	mm	940×250×940		940×250×940	
	Net/Gross weight	mm	18/20.8		18/20.8	
Panel	Net dimensions (W×H×D)	mm	950×53×950		950×53×950	
	Packed dimensions (W×H×D)	mm	1030×95×1030		1030×95×1030	
	Net/Gross weight	kg	5.6/8.0		5.6/8.0	
Refrigerant type			R410A/R32		R410A/R32	
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7		Φ6.35/Φ12.7	
	Drain pipe	mm	OD Φ25		OD Φ25	

Model name			MIH45Q4CN18	MIH56Q4CN18	MIH63Q4CN18
Power supply			1-phase, 220-240V, 50Hz		
Cooling ¹	Capacity	kW	4.5	5.6	6.3
		kBtu/h	15.4	19.1	21.5
	Power Input	W	25	35	50
Heating ²	Capacity	kW	5.0	6.3	7.1
		kBtu/h	17.1	21.5	24.2
	Power Input	W	25	35	50
Airflow rate ³		m³/h	640/605/570/530/495/460/425	810/765/720/670/625/580/535	905/855/805/755/705/655/605
Sound pressure leve ⁴		dB(A)	36.5/35/33/31/29/28/26.5	39/38/37/36/35/34/32	43/42/40/38/36/35/33.5
Sound power level		dB(A)	44/44/43/42/41/41/41	48/46/45/43/42/42/41	51/50/48/46/45/44/42
Main body	Net dimensions ⁵ (W×H×D)	mm	575×235×638	575×235×638	575×235×638
	Packed dimensions (W×H×D)	mm	690×285×690	690×285×690	690×285×690
	Net/Gross weight	kg	14.0/16.5	15.0/17.5	15.0/17.5
Panel	Net dimensions (W×H×D)	mm	620×65×620	620×65×620	620×65×620
	Packed dimensions (W×H×D)	mm	680×80×665	680×80×665	680×80×665
	Net/Gross weight	kg	2.3/3.0	2.3/3.0	2.3/3.0
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

- Notes:
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in an anechoic chamber.
 - The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.
 - Exposed height of the panel after being installed on the ceiling.

Model name			MIH45Q4N18	MIH56Q4N18	MIH71Q4N18
Power supply			1-phase, 220-240V, 50Hz		
Cooling ¹	Capacity	kW	4.5	5.6	7.1
		kBtu/h	15.4	19.1	24.2
	Power Input	W	23.0	23.0	31.0
Heating ²	Capacity	kW	5.0	6.3	8.0
		kBtu/h	17.1	21.5	27.3
	Power Input	W	23.0	23.0	31.0
Airflow rate ³		m³/h	840/787/733/680/626/573/519	840/791/741/692/642/593/543	1000/943/886/829/772/715/658
Sound pressure leve ⁴		dB(A)	33/32/31/30/29/28/27	33/32/31/30/29/28/27	37/36/34/33/32/30/29
Sound power level		dB(A)	49/48/47/46/45/44/43	49/48/48/47/46/45/44	51/50/49/48/47/46/46
Main body	Net dimensions ⁵ (W×H×D)	mm	840×204×840	840×204×840	840×246×840
	Packed dimensions (W×H×D)	mm	940×250×940	940×250×940	940×295×940
	Net/Gross weight	kg	19.5/22.4	19.5/22.4	22/25.4
Panel	Net dimensions (W×H×D)	mm	950×53×950	950×53×950	950×53×950
	Packed dimensions (W×H×D)	mm	1030×95×1030	1030×95×1030	1030×95×1030
	Net/Gross weight	kg	5.6/8.0	5.6/8.0	5.6/8.0
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

- Notes:
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in an anechoic chamber.
 - The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.
 - Exposed height of the panel after being installed on the ceiling.

Specifications

Four-Way Cassette

Model name			MIH80Q4N18	MIH90Q4N18	MIH100Q4N18
Power supply			1-phase, 220-240V, 50Hz		
Cooling ¹	Capacity	kW	8.0	9.0	10.0
		kBtu/h	27.3	30.7	34.1
	Power Input	W	41.0	43.0	54
Heating ²	Capacity	kW	9.0	10.0	11.2
		kBtu/h	30.7	34.1	38.2
	Power Input	W	41.0	43.0	54
Airflow rate ³		m³/h	1330/1239/1148/1057/965/874/783	1330/1239/1148/1057/965/874/783	1445/1363/1282/1200/1118/1037/955
Sound pressure leve ⁴		dB(A)	38/37/35/34/32/31/29	38/37/35/34/32/31/29	39/38/37/36/35/34/33
Sound power level		dB(A)	53/52/51/50/49/48/47	54/53/52/51/50/49/48	54/53/52/51/50/50/49
Main body	Net dimensions ⁵ (W×H×D)	mm	840×246×840	840×246×840	840×288×840
	Packed dimensions (W×H×D)	mm	940×295×940	940×295×940	940×335×940
	Net/Gross weight	kg	22/25.4	22/25.4	24/27.7
Panel	Net dimensions (W×H×D)	mm	950×53×950	950×53×950	950×53×950
	Packed dimensions (W×H×D)	mm	1030×95×1030	1030×95×1030	1030×95×1030
	Net/Gross weight	kg	5.6/8.0	5.6/8.0	5.6/8.0
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

Model name			MIH112Q4N18	MIH140Q4N18	MIH160Q4N18	MIH180Q4N18
Power supply			1-phase, 220-240V, 50Hz			
Cooling ¹	Capacity	kW	11.2	14.0	16.0	18.0
		kBtu/h	38.2	47.8	54.6	61.4
	Power Input	W	61.0	89.0	110.0	145.0
Heating ²	Capacity	kW	12.5	16.0	18.0	20.0
		kBtu/h	42.7	54.6	61.4	68.2
	Power Input	W	61.0	89.0	110.0	145.0
Airflow rate ³		m³/h	1600/1497/1393/1290/1186/1083/979	1730/1624/1518/1412/1306/1200/1094	2100/1900/1760/1630/1500/1380/1270	2300/2140/1960/1770/1600/1430/1270
Sound pressure leve ⁴		dB(A)	41/40/38/37/36/34/33	43/42/40/39/37/36/34	46/44/43/41/40/38/37	50/48/46/44/42/40/38
Sound power level		dB(A)	57/56/55/54/53/52/51	58/57/56/55/54/53/52	57/56/54/52/50/47/46	60/58/56/54/52/49/46
Main body	Net dimensions ⁵ (W×H×D)	mm	840×288×840	840×288×840	950×300×950	950×300×950
	Packed dimensions (W×H×D)	mm	940×335×940	940×335×940	1050×335×1050	1050×335×1050
	Net/Gross weight	kg	24/27.7	26.5/30.1	32.6/37.2	32.7/37.3
Panel	Net dimensions (W×H×D)	mm	950×53×950	950×53×950	1050×55×1050	1050×55×1050
	Packed dimensions (W×H×D)	mm	1030×95×1030	1030×95×1030	1115×100×1115	1115×100×1115
	Net/Gross weight	kg	5.6/8.0	5.6/8.0	7.4/9.7	7.4/9.7
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ19.1
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25

Notes:

1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.

2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.

3. Air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.

4. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in an anechoic chamber.

5. The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.

6. Exposed height of the panel after being installed on the ceiling.

Four-Way Cassette (Dehumidify Series)

Model name			MIH45Q4N18(Q)	MIH56Q4N18(Q)	MIH71Q4N18(Q)	MIH80Q4N18(Q)
Power supply			1-phase, 220-240V, 50Hz			
Cooling ¹	Capacity	kW	4.5	5.6	7.1	8.0
		kBut/h	15.4	19.1	24.2	27.3
	Input	W	20	20	40	46
Heating ²	Capacity	kW	5.0	6.3	8.0	9.0
		kBut/h	17.1	21.5	27.3	30.7
	Input	W	20	20	40	46
Airflow rate ³		m³/h	829/801/772/744/715/687/658	829/801/772/744/715/687/658	1118/1091/1064/1037/1009/982/955	1282/1228/1173/1119/1064/1009.5/955
Sound pressure level ⁴		dB(A)	33/32.3/31.7/31/30.3/29.7/29	33/32.3/31.7/31/30.3/29.7/29	35/34.7/34.3/34/33.7/33.3/33	37/36.3/35.7/35/34.3/33.7/33
Sound power level		dB(A)	48/47.7/47.3/47/46.7/46.3/46	48/47.7/47.3/47/46.7/46.3/46	50/49.8/49.7/49.5/49.3/49.2/49	52/51.5/51/50.5/50/49.5/49
Main body	Net dimensions ⁵ (W×H×D)	mm	840×246×840		840×288×840	
	Packed dimensions (W×H×D)	mm	940×295×940		940×335×940	
	Net/Gross weight	kg	22/25.4	22/25.4	24/27.7	24/27.7
Panel	Net dimensions (W×H×D)	mm	950×50×950	950×50×950	950×50×950	950×50×950
	Packed dimensions (W×H×D)	mm	1030×95×1030	1030×95×1030	1030×95×1030	1030×95×1030
	Net/Gross weight	kg	5.6/8.0	5.6/8.0	5.6/8.0	5.6/8.0
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7		Φ9.52/Φ15.9	
	Drain pipe	mm		OD Φ25		

Model name			MIH90Q4N18(Q)	MIH100Q4N18(Q)	MIH112Q4N18(Q)	MIH140Q4N18(Q)
Power supply			1-phase, 220-240V, 50Hz			
Cooling ¹	Capacity	kW	9.0	10.0	11.2	14.0
		kBut/h	30.7	34.1	38.2	47.8
	Input	W	46	62	73	89
Heating ²	Capacity	kW	10.0	11.2	12.5	16.0
		kBut/h	34.1	38.2	42.7	54.6
	Input	W	46	62	73	89
Airflow rate ³		m³/h	1282/1228/1173/1119/1064/1010/955	1412/1359/1306/1253/1200/1147/1094	1518/1447/1377/1306/1235/1165/1094	1730/1624/1518/1412/1306/1200/1094
Sound pressure level ⁴		dB(A)	37/36.3/35.7/35/34.3/33.7/33	39/38.2/37.3/36.5/35.7/34.8/34	40/39/38/37/36/35/34	43/41.5/40/38.5/37/35.5/34
Sound power level		dB(A)	52/51.5/51/50.5/50/49.5/49	55/54.5/54/53.5/53/52.5/52	56/55.3/54.7/54/53.3/52.7/52	58/57/56/55/54/53/52
Main body	Net dimensions ⁵ (W×H×D)	mm	840×288×840		840×288×840	
	Packed dimensions (W×H×D)	mm	940×335×940		940×335×940	
	Net/Gross weight	kg	24/27.7	26.5/30.1	26.5/30.1	26.5/30.1
Panel	Net dimensions (W×H×D)	mm	950×53×950	950×53×950	950×53×950	950×53×950
	Packed dimensions (W×H×D)	mm	1030×95×1030	1030×95×1030	1030×95×1030	1030×95×1030
	Net/Gross weight	kg	5.6/8.0	5.6/8.0	5.6/8.0	5.6/8.0
Pipe connections	Liquid/Gas pipe	mm		Φ9.52/Φ15.9		
	Drain pipe	mm		OD Φ25		

Notes:

1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.

2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.

3. Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.

4. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in a semi-anechoic chamber.

5. The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual

6. Exposed height of the panel after being installed on the ceiling.

Specifications

Arc Duct

Model name			MIH15T3N18	MIH22T3N18
Power supply			1-phase, 220-240V, 50Hz	
Cooling ¹	Capacity	kW	1.5	2.2
		kBtu/h	5.1	7.5
	Power Input	W	21	22
Heating ²	Capacity	kW	1.8	2.5
		kBtu/h	6.1	8.5
	Power Input	W	21	22
Airflow rate ³		m³/h	340/335/329/320/307/298/290	370/347/339/322/314/ 306/295
External static pressure ^{4a}		Pa	10 (10-50)	10 (10-50)
Sound pressure leve ⁵		dB(A)	27/26/25.5/24.5/23.5/ 22.5/22	28/27.5/26.5/25.5/24.5/23.5/22.0
Sound power level		dB(A)	43.5/43/42.5/42/41.5/41/40	46/45/44/43/42/41/40
Unit	Net dimensions ⁶ (W×H×D)	mm	550×199×450	550×199×450
	Packed dimensions (W×H×D)	mm	715×255×525	715×255×525
	Net/Gross weight	kg	11.5/13.5	11.5/13.5
Refrigerant type			R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ25	OD Φ25

Arc Duct

Model name			MIH56T3N18	MIH71T3N18	MIH80T3N18
Power supply			1-phase, 220-240V, 50Hz		
Cooling ¹	Capacity	kW	5.6	7.1	8
		kBtu/h	19.1	24.2	27.3
	Power Input	W	58	65	108
Heating ²	Capacity	kW	6.3	8	9
		kBtu/h	21.5	27.3	30.7
	Power Input	W	58	65	108
Airflow rate ³		m³/h	900/800/761/682/603/ 549/470	1145/1033/957/860/763/671/580	1400/1327/1249/1175/1095/1026/960
External static pressure ⁴		Pa	10 (10-50)	10 (10-50)	20(10-80)
Sound pressure leve ⁵		dB(A)	36/34.5/33.5/32.5/ 31/29/27	37/35/34/32.5/31/30/29	36.5/35.5/34.5/33/ 32/31.5/30.5
Sound power level		dB(A)	56/54/52/50/48/46/44	57/55.5/54/52/50.5/49/47	57/56/54.5/53.5/52/51/49.5
Unit	Net dimensions ^{6s} (W×H×D)	mm	900×199×450	1100×199×450	1600×199×450
	Packed dimensions (W×H×D)	mm	1065×255×525	1300×255×525	1780×250×525
	Net/Gross weight	kg	16.5/19.5	20/23.5	28/32.5
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

Model name			MIH28T3N18	MIH36T3N18	MIH45T3N18
Power supply			1-phase, 220-240V, 50Hz		
Cooling ¹	Capacity	kW	2.8	3.6	4.5
		kBtu/h	9.6	12.3	15.4
	Power Input	W	28	31	43
Heating ²	Capacity	kW	3.2	4	5
		kBtu/h	10.9	13.7	17.1
	Power Input	W	28	31	43
Airflow rate ³		m³/h	460/431/413/380/351/ 323/300	605/557/508/453/414/ 365/320	800/770/701/629/557/ 506/435
External static pressure ⁴		Pa	10 (10-50)	10 (10-50)	10 (10-50)
Sound pressure leve ⁵		dB(A)	30/29.5/28.5/27.5/26/24.5/22	30/29.5/28.5/27.5/ 26.5/25.5/25	33/32.5/32/30.5/29/ 27.5/26
Sound power level		dB(A)	50.5/49/47/45.5/43.5/42/40	50.5/49.5/48/47/45.5/44.5/43	52/50.5/49/47.5/46/44.5/43
Unit	Net dimensions ⁶ (W×H×D)	mm	550×199×450	700×199×450	900×199×450
	Packed dimensions (W×H×D)	mm	715×255×525	865×255×525	1065×255×525
	Net/Gross weight	kg	11.5/13.5	13.0/15.5	16.5/19.5
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

- Notes:
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in an anechoic chamber.
 - The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.

Model name			MIH90T3N18	MIH112T3N18
Power supply			1-phase, 220-240V, 50Hz	
Cooling ¹	Capacity	kW	9	11.2
		kBtu/h	30.7	38.2
	Power Input	W	108	128
Heating ²	Capacity	kW	10	12.5
		kBtu/h	34.1	42.7
	Power Input	W	108	128
Airflow rate ³		m³/h	1400/1327/1249/1175/1095/1026/960	1620/1522/1433/1343/1254/1170/1080
External static pressure ⁴		Pa	20(10-80)	20(10-80)
Sound pressure leve ⁵		dB(A)	36.5/35.5/34/33/ 32/31.5/30.5	39.5/38/36.5/35/34/ 32.5/31.5
Sound power level		dB(A)	57/56/54.5/53.5/52/51/49.5	60.5/59/57.5/55.5/54/52.5/50.5
Unit	Net dimensions ⁶ (W×H×D)	mm	1600×199×450	1600×199×450
	Packed dimensions (W×H×D)	mm	1780×250×525	1780×250×525
	Net/Gross weight	kg	28/32.5	28/32.5
Refrigerant type			R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25

- Notes:
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in an anechoic chamber.
 - The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.

Specifications

Medium Static Pressure Duct

Model name			MIH15T2N18	MIH22T2N18	MIH28T2N18
Power supply			1-phase, 220-240V, 50Hz		
Cooling ¹	Capacity	kW	1.5	2.2	2.8
		kBtu/h	5.1	7.5	9.6
	Power Input	W	33	36	40
Heating ²	Capacity	kW	1.8	2.5	3.2
		kBtu/h	6.1	8.5	10.9
	Power Input	W	33	36	40
Airflow rate ³		m³/h	470/438/407/375/343/312/280	500/467/433/400/367/333/300	540/503/467/430/393/357/320
External static pressure ⁴		Pa	30 (10-160)	30 (10-160)	30 (10-160)
Sound pressure leve ⁴		dB(A)	26.5/26/25/24/23/22.5/22	26.5/26/25/24/23/22.5/22	26.5/26/25/24/23/22.5/22
Sound power level		dB(A)	46/44.5/43/41.5/40/38.5/37	47/45.5/44/42.5/41/39.5/38	47/45.5/44/42.5/41/39.5/38
Unit	Net dimensions ⁵ (W×H×D)	mm	600×245×750	600×245×750	600×245×750
	Packed dimensions (W×H×D)	mm	765×305×885	765×305×885	765×305×885
	Net/Gross weight	kg	18.5/21	18.5/21	18.5/21
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

Medium Static Pressure Duct

Model name			MIH71T2N18	MIH80T2N18	MIH90T2N18
Power supply			1-phase, 220-240V, 50Hz		
Cooling ¹	Capacity	kW	7.1	8	9
		kBtu/h	24.2	27.3	30.7
	Power Input	W	96	102	110
Heating ²	Capacity	kW	8	9	10
		kBtu/h	27.3	30.7	34.1
	Power Input	W	96	102	110
Airflow rate ³		m³/h	1150/1068/986/ 904/822/740/660	1355/1263/1172/ 1080/988/897/805	1420/1323/1225/ 1128/1030/933/835
External static pressure ⁴		Pa	30 (10-160)	40 (10-160)	40(10-160)
Sound pressure leve ⁴		dB(A)	35/33.5/32/30.5/29/27.5/26	37/35.5/34/32.5/31/29.5/28	37/35.5/34/32.5/31/29.5/28
Sound power level		dB(A)	58/56/54/51.5/48/47/45	59/57/55/53/51/49/47	59/57/55/53/50.5/48/46
Unit	Net dimensions ⁵ (W×H×D)	mm	800×245×750	1050×245×750	1050×245×750
	Packed dimensions (W×H×D)	mm	965×305×885	1215×305×885	1215×305×885
	Net/Gross weight	kg	25/28.5	30/34.0	31/35.0
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

Model name			MIH36T2N18	MIH45T2N18	MIH56T2N18
Power supply			1-phase, 220-240V, 50Hz		
Cooling ¹	Capacity	kW	3.6	4.5	5.6
		kBtu/h	12.3	15.4	19.1
	Power Input	W	50	70	70
Heating ²	Capacity	kW	4	5	6.3
		kBtu/h	13.7	17.1	21.5
	Power Input	W	50	70	70
Airflow rate ³		m³/h	575/535/495/455/415/375/335	665/623/580/538/495/453/410	970/904/838/773/707/641/575
External static pressure ⁴		Pa	30 (10-160)	30 (10-160)	30 (10-160)
Sound pressure leve ⁴		dB(A)	29/28/27/26/25/23/22	33/32/29.5/28/26.5/25/24	33/32/31/30/27.5/26/25
Sound power level		dB(A)	50/48.5/47/45/43/41/39	53/51/49/47/45/43/41	55/53/51/49/47/45/43
Unit	Net dimensions ⁵ (W×H×D)	mm	600×245×750	600×245×750	800×245×750
	Packed dimensions (W×H×D)	mm	765×305×885	765×305×885	965×305×885
	Net/Gross weight	kg	18.5/21	19.5/22	24/27.5
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

Notes:

1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.

2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.

3. Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.

4. Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)

5. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in semi-anechoic chamber.

6. The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual

Model name			MIH112T2N18	MIH125T2N18	MIH140T2N18	MIH160T2N18
Power supply			1-phase, 220-240V, 50Hz			
Cooling ¹	Capacity	kW	11.2	12.5	14	16
		kBtu/h	38.2	42.7	47.8	54.6
	Power Input	W	138	172	172	210
Heating ²	Capacity	kW	12.5	14	16	18
		kBtu/h	42.7	47.8	54.6	61.4
	Power Input	W	138	172	172	210
Airflow rate ³		m³/h	1950/1817/1683/ 1550/1417/1283/1150	2105/1971/1837/ 1703/1568/1434/1300	2105/1971/1837/ 1703/1568/1434/1300	2350/2160/2015/ 1871/1776/1533/1400
External static pressure ⁴		Pa	40 (10-160)	50(10-160)	50 (10-160)	50 (10-160)
Sound pressure leve ⁴		dB(A)	39/37/35/33/31/29/28	40/38/36/34/32/30/29	40/38/36/34/32/30/29	42/40/38/36/34/33/31
Sound power level		dB(A)	60/58/56.5/55/53.5/52/50	64/62/61.5/59.5/57.5/55/53	64/62/61.5/59.5/57.5/55/53	65/63/61/58.5/56.5/54/52
Unit	Net dimensions ⁵ (W×H×D)	mm	1400×245×750	1400×245×750	1400×245×750	1400×245×750
	Packed dimensions (W×H×D)	mm	1565×305×885	1565×305×885	1565×305×885	1565×305×885
	Net/Gross weight	kg	37/42.0	39/44.0	39/44.0	39/44.0
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25

Notes:

1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.

2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.

3. Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.

4. Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)

5. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in anechoic chamber.

6. The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.

Specifications

Medium Static Pressure Duct(Dehumidify Series)

Model name			MIH45T2N18(Q)		MIH56T2N18(Q)	
Power supply			1-phase, 220-240V, 50Hz			
Cooling1	Capacity	kW	4.5		5.6	
		kBut/h	15.4		19.1	
	Input	W	50		63	
Heating2	Capacity	kW	5.0		6.3	
		kBut/h	17.1		21.5	
	Input	W	50		63	
Airflow rate3		m³/h	823/796/769/742/ 714/687/660		900/860/820/780/ 740/700/660	
External static pressure4		Pa	30(10-160)		30(10-160)	
Sound pressure level5		dB(A)	31/30/29/28/27/26/25		32.5/31/30/29/28/26/25	
Sound power level		dB(A)	52/51/50/49/47/46/45		54/53/52/51/48/46/45	
Unit	Net dimensions6 (W×H×D)	mm	800×245×750		800×245×750	
	Packed dimensions (W×H×D)	mm	965×305×885		965×305×885	
	Net/Gross weight	kg	25.0/28.5		25.0/28.5	
Refrigerant type					R410A/R32	
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7			
	Drain pipe	mm	OD Φ25			

Model name			MIH71T2N18(Q)		MIH80T2N18(Q)	
Power supply			1-phase, 220-240V, 50Hz			
Cooling1	Capacity	kW	7.1		8.0	
		kBut/h	24.2		27.3	
		Input	W		69	
Heating2	Capacity	kW	8.0		9.0	
		kBut/h	27.3		30.7	
		Input	W		69	
Airflow rate3		m³/h	1128/1079/1030/982/ 933/884/835		1225/1160/1095/1030/ 965/900/835	
External static pressure4		Pa	30(10-160)		40(10-160)	
Sound pressure level5		dB(A)	33/32.5/32/31/30.5/30/29		35/34/33/32/31/30/29	
Sound power level		dB(A)	57/55/54/52/51/50/49		58/56/55/54/52/50/49	
Unit	Net dimensions6 (W×H×D)	mm	1050×245×750		1050×245×750	
	Packed dimensions (W×H×D)	mm	1215×305×885		1215×305×885	
	Net/Gross weight	kg	31.0/35.0		31.0/35.0	
Refrigerant type			R410A/R32			
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9			
	Drain pipe	mm	OD Φ25			

Notes:

- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
- Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
- Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
- Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)
- Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in a semi-anechoic chamber.
- The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual

Medium Static Pressure Duct(Dehumidify Series)

Model name			MIH90T2N18(Q)		MIH112T2N18(Q)	
Power supply			1-phase, 220-240V, 50Hz			
Cooling1	Capacity	kW	9.0		11.2	
		kBut/h	30.7		38.2	
	Input	W	99		132	
Heating2	Capacity	kW	10.0		12.5	
		kBut/h	34.1		42.7	
	Input	W	99		132	
Airflow rate3		m³/h	1568/1523/1479/1434/ 1389/1345/1300		1837/1748/1658/1569/ 1479/1390/1300	
External static pressure4		Pa	40(10-160)		40(10-160)	
Sound pressure level5		dB(A)	36.5/36/35.5/35/34/33.5/33		39/38/37.5/36.5/35/34/33	
Sound power level		dB(A)	59/58.5/58/57/57.5/57/56		60/59/58.5/58/57.5/57/56	
Unit	Net dimensions6 (W×H×D)	mm	1400×245×750		1400×245×750	
	Packed dimensions (W×H×D)	mm	1565×305×885		1565×305×885	
	Net/Gross weight	kg	39.0/44.0		39.0/44.0	
Refrigerant type			R410A/R32		R410A/R32	
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9		Φ9.52/Φ15.9	
	Drain pipe	mm	OD Φ25		OD Φ25	

Model name		MIH140T2N18(Q)	
Power supply		1-phase, 220-240V, 50Hz	
Cooling1	Capacity	kW	14.0
		kBut/h	47.8
	Input	W	166
Heating2	Capacity	kW	16.0
		kBut/h	54.6
	Input	W	166
Airflow rate3		m³/h	2105/1971/1837/1703/ 1568/1434/1300
External static pressure4		Pa	50(10-160)
Sound pressure level5		dB(A)	40/38/36/34/32/30/29
Sound power level		dB(A)	64/62/61.5/59.5/57.5/55/53
Unit	Net dimensions6 (W×H×D)	mm	1400×245×750
	Packed dimensions (W×H×D)	mm	1565×305×885
	Net/Gross weight	kg	39.0/44.0
	Refrigerant type		R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25

Notes:

- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
- Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
- Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
- Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)
- Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in a semi-anechoic chamber.
- The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual

Specifications

High Static Pressure Duct

Model name			MIH56T1N18	MIH71T1N18	MIH80T1N18	MIH90T1N18
Power supply			1-phase, 220-240V, 50Hz			
Cooling ¹	Capacity	kW	5.6	7.1	8	9
		kBtu/h	19.1	24.2	27.3	30.7
	Power Input	W	159	159	159	196
Heating ²	Capacity	kW	6.3	8	9	10
		kBtu/h	21.5	27.3	30.7	34.1
	Power Input	W	159	159	159	196
Airflow rate ³		m³/h	1360/1281/1201/1122/1043/963/884	1360/1281/1201/1122/1043/963/884	1360/1281/1201/1122/1043/963/884	1500/1413/1325/1238/1150/1063/975
External static pressure ⁴		Pa	80(0-250)	80(0-250)	80(0-250)	80(0-250)
Sound pressure leve ⁴		dB(A)	39/38/36/35/33/32/30	39/38/36/35/33/32/30	39/38/36/35/33/32/30	40/39/37/36/34/33/31
Sound power level		dB(A)	59/56/54/53/51/49/47	59/56/54/53/51/49/47	59/56/54/53/51/49/47	63/60/58/56/54/52/50
Unit	Net dimensions ⁵ (W×H×D)	mm	1050×299×750	1050×299×750	1050×299×750	1050×299×750
	Packed dimensions (W×H×D)	mm	1215×359×890	1215×359×890	1215×359×890	1215×359×890
	Net/Gross weight	kg	35/38.5	35/38.5	35/38.5	35/38.5
	Refrigerant type		R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25

Model name			MIH112T1N18	MIH125T1N18	MIH140T1N18	MIH160T1N18
Power supply			1-phase, 220-240V, 50Hz			
Cooling ¹	Capacity	kW	11.2	12.5	14	16
		kBtu/h	38.2	42.7	47.8	54.6
	Power Input	W	248	252	284	339
Heating ²	Capacity	kW	12.5	14	16	18
		kBtu/h	42.7	47.8	54.6	61.4
	Power Input	W	248	252	284	339
Airflow rate ³		m³/h	2140/2015/1890/1766/1641/1516/1391	2150/2025/1899/1774/1649/1523/1398	2400/2260/2120/1980/1840/1700/1560	2600/2448/2297/2145/1993/1842/1690
External static pressure ⁴		Pa	80(0-250)	80(0-250)	100(0-250)	100(0-250)
Sound pressure leve ⁴		dB(A)	41/40/38/37/35/34/32	41/40/39/37/36/35/33	43/42/40/39/37/36/34	44/43/41/40/38/37/35
Sound power level		dB(A)	63/61/59/57/56/54/52	66/64/62/60/58/56/54	67/64/62/60/58/57/55	68/66/64/62/60/59/57
Unit	Net dimensions ⁵ (W×H×D)	mm	1400×299×750	1400×299×750	1400×299×750	1400×299×750
	Packed dimensions (W×H×D)	mm	1565×359×890	1565×359×890	1565×359×890	1565×359×890
	Net/Gross weight	kg	44.5/48.5	46.5/50.5	46.5/50.5	46.5/50.5
	Refrigerant type		R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25

Notes:

1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.

2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.

3. Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.

4. Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)

5. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in a semi-anechoic chamber.

6. The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual

High Static Pressure Duct

Model name			MIH200T1N18	MIH224T1N18	MIH252T1N18	MIH280T1N18
Power supply			1-phase, 220-240V, 50Hz			
Cooling ¹	Capacity	kW	20	22.4	25.2	28
		kBtu/h	68.3	76.5	86.0	95.6
	Power Input	W	780	780	780	780
Heating ²	Capacity	kW	22.5	25	26	31.5
		kBtu/h	76.8	85.3	88.7	107.5
	Power Input	W	780	780	780	780
Airflow rate ³		m³/h	4700/4387/4073/3760/3447/3133/2820	4700/4387/4073/3760/3447/3133/2820	4700/4387/4073/3760/3447/3133/2820	4700/4387/4073/3760/3447/3133/2820
External static pressure ⁴		Pa	200(0-400)	200(0-400)	200(0-400)	200(0-400)
Sound pressure leve ⁴		dB(A)	51/50/48/46/44/43/42	51/50/48/46/44/43/42	51/50/48/46/44/43/42	51/50/48/46/44/43/42
Sound power level		dB(A)	74/72/70/68/66/64/62	74/72/70/68/66/64/62	74/72/70/68/66/64/62	74/72/70/68/66/64/62
Unit	Net dimensions ⁵ (W×H×D)	mm	1300×580×900	1300×580×900	1300×580×900	1300×580×900
	Packed dimensions (W×H×D)	mm	1530×730×1060	1530×730×1060	1530×730×1060	1530×730×1060
	Net/Gross weight	kg	125/150	125/150	125/150	125/150
	Refrigerant type		R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ19.1	Φ9.52/Φ19.1	Φ12.7/Φ22.2	Φ12.7/Φ22.2
	Drain pipe	mm	OD Φ32	OD Φ32	OD Φ32	OD Φ32

Model name			MIH335T1N18	MIH400T1N18	MIH450T1N18	MIH560T1N18
Power supply			1-phase, 220-240V, 50Hz			
Cooling ¹	Capacity	kW	33.5	40	45	56
		kBtu/h	114.3	136.5	153.6	191.1
	Power Input	W	810	1850	1850	2030
Heating ²	Capacity	kW	38	45	56	63
		kBtu/h	129.7	153.6	191.1	215.0
	Power Input	W	810	1850	1850	2030
Airflow rate ³		m³/h	4700/4387/4073/3760/3447/3133/2820	7500/7000/6500/6000/5500/5000/4500	7500/7000/6500/6000/5500/5000/4500	8400/7840/7280/6720/6160/5600/5040
External static pressure ⁴		Pa	200(0-400)	200(0-400)	300(0-400)	300(0-400)
Sound pressure leve ⁴		dB(A)	52/51/49/48/46/44/43	58/56/54/52/50/49/48	58/56/54/52/50/49/48	59/58/56/54/53/51/49
Sound power level		dB(A)	74/72/70/68/66/63/61	79/78/76/74/72/70/67	79/78/76/74/72/70/67	81/80/77/75/73/71/69
Unit	Net dimensions ⁵ (W×H×D)	mm	1300×580×900	1850×580×900	1850×580×900	1850×580×900
	Packed dimensions (W×H×D)	mm	1530×730×1060	2080×730×1060	2080×730×1060	2080×730×1060
	Net/Gross weight	kg	128/153	166/204	166/204	170/208
	Refrigerant type		R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ12.7/Φ25.4	Φ12.7/Φ25.4	Φ15.9/Φ28.6	Φ15.9/Φ28.6
	Drain pipe	mm	OD Φ32	OD Φ32	OD Φ32	OD Φ32

Notes:

1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.

2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.

3. Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.

4. Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)

5. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.4m below the unit in a anechoic chamber.

6. The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.

Specifications

High Static Pressure Duct(section)

Model name			MIH180T1N18(S)		MIH200T1N18(S)		MIH224T1N18(S)	
Power supply			1-phase, 220-240V, 50Hz					
Cooling ¹	Capacity	kW	18	20	22.4			
		kBtu/h	61.4	68.2	76.4			
	Input	W	520	560	600			
Heating ²	Capacity	kW	20	23.5	25			
		kBtu/h	68.24	80.19	85.30			
	Input	W	520	560	600			
Airflow rate ³		m³/h	4100/3872/3644/3689 /2961/2733	4250/4014/3778/3542 /3306/3070/2833	4400/4156/3911/3667 /3422/3178/2933			
External static pressure ⁴		pa	150(50~280)	150(50~280)	150(50~280)			
Sound pressure leve ⁵		dB(A)	47/45/43/41/39/37/36	47.5/46/44/42/40/38/37	49/47/45/43/41/39/38			
Sound power level		dB(A)	67/65/63/61/59/57/56.5	67.5/66/64/62/60/58/57	68/66/64/62/60/60.5/59/58			
Unit	Net dimensions ⁵ (W×H×D)	mm	1300x477x910	1300x477x910	1300x477x910			
	Packed dimensions (W×H×D)	mm	1580x650x1090	1580x650x1090	1580x650x1090			
	Net/Gross weight	kg	79.5/117.5	79.5/117.5	82/120			
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ19	Φ9.52/Φ19	Φ9.52/Φ19			
	Drain pipe	mm	OD Φ32	OD Φ32	OD Φ32			

Wall-Mounted Units

Model name			MIH15GN18		MIH22GN18		MIH28GN18		MIH36GN18	
Power supply			1-phase, 220-240V, 50Hz							
Cooling ¹	Capacity	kW	1.5	2.2	2.8	3.6				
		kBtu/h	5.1	7.5	9.6	12.3				
	Power Input	W	18	21	24	27				
Heating ²	Capacity	kW	1.7	2.4	3.2	4				
		kBtu/h	5.8	8.2	10.9	13.6				
	Power Input	W	18	21	24	27				
Airflow rate ³		m³/h	460/440/420/ 400/380/360/340		500/470/440/ 410/390/370/340		540/510/470/ 430/400/370/340		580/540/500/ 460/420/380/340	
Sound pressure leve ⁴		dB(A)	32/31/30/30/29/28/27		33/32/31/30/29/28/27		35/34/33/32/31/30/28		37/36/34/33/31/30/28	
Sound power level		dB(A)	45/44/43/43/42/41/40		46/45/44/43/42/41/40		50/49/48/47/46/44/42		54/53/51/50/48/46/44	
Unit	Net dimensions ⁵ (W×H×D)	mm	750×295×265		750×295×265		750×295×265		750×295×265	
	Packed dimensions (W×H×D)	mm	875×385×360		875×385×360		875×385×360		875×385×360	
	Net/Gross weight	kg	9/11.5		9/11.5		10/12.5		10/12.5	
Refrigerant type			R410A/R32		R410A/R32		R410A/R32		R410A/R32	
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7		Φ6.35/Φ12.7		Φ6.35/Φ12.7		Φ6.35/Φ12.7	
	Drain pipe	mm	OD Φ16		OD Φ16		OD Φ16		OD Φ16	

Model name			MIH252T1N18(S)		MIH280T1N18(S)	
Power supply			1-phase, 220-240V, 50Hz			
Cooling ¹	Capacity	kW	25.2		28	
		kBtu/h	86		95.5	
	Input	W	700		840	
Heating ²	Capacity	kW	26		31.5	
		kBtu/h	88.72		107.48	
	Input	W	700		840	
Airflow rate ³		m³/h	4800/4533/4267/4000 /3733/3467/3200		5200/4911/4622/4333 /4044/3756/3467	
External static pressure ⁴		pa	150(50~280)		150(50~280)	
Sound pressure leve ⁵		dB(A)	50/48/46/44/42.5/41/40		51/49/47/45/43.5/42/41	
Sound power level		dB(A)	69.5/68/66/64/62/60/59		70.5/69/67/65/63/61/60	
Unit	Net dimensions ⁵ (W×H×D)	mm	1300x477x910		1300x477x910	
	Packed dimensions (W×H×D)	mm	1580x650x1090		1580x650x1090	
	Net/Gross weight	kg	82/120		82/120	
Pipe connections	Liquid/Gas pipe	mm	Φ12.7/Φ22		Φ12.7/Φ22	
	Drain pipe	mm	OD Φ32		OD Φ32	

- Notes:
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.

Model name			MIH45GN18		MIH56GN18		MIH71GN18		MIH80GN18	
Power supply			1-phase, 220-240V, 50Hz							
Cooling ¹	Capacity	kW	4.5	5.6	7.1	8				
		kBtu/h	15.4	19.1	24.2	27.3				
	Power Input	W	30	40	50	65				
Heating ²	Capacity	kW	5	6.3	8	9				
		kBtu/h	17.1	21.5	27.3	30.7				
	Power Input	W	30	40	50	65				
Airflow rate ³		m³/h	720/670/620/ 560/510/460/410		860/780/700/ 620/550/480/410		1220/1120/1030/ 940/850/750/660		1380/1260/1140/ 1020/900/780/660	
Sound pressure leve ⁴		dB(A)	37/35/33/32/31/30/29		41/39/37/35/33/31/29		44/42/40/38/36/34/32		45/43/41/39/37/35/32	
Sound power level		dB(A)	54/52/50/49/48/46/44		56/54/52/50/48/46/44		58/56/54/52/50/48/46		60/57/55/53/50/48/46	
Unit	Net dimensions ⁵ (W×H×D)	mm	950×295×265		950×295×265		1200×295×265		1200×295×265	
	Packed dimensions (W×H×D)	mm	1075×385×360		1075×385×360		1315×385×360		1315×385×360	
	Net/Gross weight	kg	11.5/14		11.5/14		15/18		15/18	
Refrigerant type			R410A/R32		R410A/R32		R410A/R32		R410A/R32	
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7		Φ6.35/Φ12.7		Φ9.52/Φ15.9		Φ9.52/Φ15.9	
	Drain pipe	mm	OD Φ16		OD Φ16		OD Φ16		OD Φ16	

- Notes:
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 0.8m below the unit in an anechoic chamber.
 - The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.

Specifications

Floor Standing Units

Model name			MIH22F3N18	MIH28F3N18	MIH36F3N18	MIH45F3N18	MIH56F3N18	MIH71F3N18	MIH80F3N18
Power supply			1-phase, 220-240V, 50Hz						
Cooling ¹	Capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1	8
		kBtu/h	7.5	9.6	12.3	15.4	19.1	24.2	27.3
	Input	W	35	35	40	44	45	53	62
Heating ²	Capacity	kW	2.4	3.2	4.0	5.0	6.3	8.0	9.0
		kBtu/h	8.2	10.9	13.7	17.1	21.5	27.3	30.7
	Input	W	35	35	41	46	47	57	64
External static pressure ⁴		Pa	0-60	0-60	0-60	0-60	0-60	0-60	0-60
Airflow rate ³	m³/h	473/464/ 454/449/ 439/431/ 426	473/464/ 454/449/ 439/431/ 426	524/503/ 488/471/ 450/427/ 408	636/611/ 584/557/ 533/507/ 483	781/756/ 738/717/ 683/651/ 624	928/893/ 865/834/ 803/770/ 739	928/893/ 865/834/ 803/770/ 739	
Sound pressure leve ⁴	dB(A)	34.5/34/33.5/ 32.5/32/ 31/30.5	34.5/34/33.5/ 32.5/32/ 31/30.5	36.5/35.5/34.5/ 34/33/ 32/31	37/36/35/ 34/33/ 32/30	36.5/36/35/ 34/33.5/ 32.5/31.5	40.5/39.5/38.5/ 37.5/36.5/ 36/34.5	40.5/39.5/38.5/ 37.5/36.5/ 36/34.5	
Sound power level	dB(A)	49/48/48/ 47/47/46/46	49/48/48/ 47/47/46/46	51/50/49/ 48/47/46/46	52/51/50/ 49/48/47/46	51/51/50/ 49/48/48/47	55/54/53/ 52/52/51/50	55/54/53/ 52/52/51/50	
Unit	Net dimensions ⁵ (W×H×D)	mm	915×470×200	915×470×200	915×470×200	1133×470×200	1253×566×200	1253×566×200	1253×566×200
	Packed dimensions (W×H×D)	mm	985×555×255	985×555×255	985×555×255	1205×555×255	1325×650×255	1325×650×255	1325×650×255
	Net/Gross weight	kg	16.3/20.0	16.3/20.0	16.9/20.7	20.0/24.4	24.3/30.0	26.1/31.8	26.1/31.8
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ18.5	OD Φ18.5	OD Φ18.5	OD Φ18.5	OD Φ18.5	OD Φ18.5	OD Φ18.5

Notes:

1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.

2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.

3. Fan motor speed and air flow rate are from the highest to the lowest, total 7 rates for each model.

4. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in a anechoic chamber.

5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

Floor Standing Units

Model name			MIH22F4N18	MIH28F4N18	MIH36F4N18	MIH45F4N18	MIH56F4N18	MIH71F4N18	MIH80F4N18
Model name			MIH22F5N18	MIH28F5N18	MIH36F5N18	MIH45F5N18	MIH56F5N18	MIH71F5N18	MIH80F5N18
Power supply			1-phase, 220-240V, 50Hz						
Cooling ¹	Capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1	8
		kBtu/h	7.5	9.6	12.3	15.4	19.1	24.2	27.3
	Input	W	35	35	40	44	45	53	62
Heating ²	Capacity	kW	2.4	3.2	4	5	6.3	8	9
		kBtu/h	8.2	10.9	13.7	17.1	21.5	27.3	30.7
	Input	W	35	35	41	46	47	57	64
External static pressure ⁴	Pa(F4)	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10
	Pa(F5)	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10
Airflow rate ³	m³/h(F4)	507/490/482/466/449/450/435	507/490/482/466/449/450/435	532/512/501/483/466/435/414	689/663/639/608/575/560/526	934/904/888/860/821/786/764	1054/1011/992/1054/1011/992/955/924/889/841	1054/1011/992/1054/1011/992/955/924/889/841	
	m³/h(F5)	498/486/475/464/453/441/430	498/486/475/464/453/441/430	508/491/474/458/441/424/407	692/665/637/610/582/555/528	811/785/759/732/706/680/653	930/895/860/825/790/755/721	930/895/860/825/790/755/721	
Sound pressure leve ⁴	dB(A)(F4)	36/35/34.5/34/33/32.5/32	36/35/34.5/34/33/32.5/32	38/37/36/35/34/33/32	43/42/41/40/39/38/37	41.5/41/40/39/46/45.5/45/44/46/43/42/41	45.5/45/44/46/45.5/45/44/43/42/41	45.5/45/44/43/42/41	
	dB(A)(F5)	32.5/32/31.5/31/30.5/30/29	32.5/32/31.5/31/30.5/30/29	35/34/33/32/31/30/29	38/37/36/35/34/32.5/31.5	35/34.5/34/33/39.5/39/38/37/32.5/32/31	39.5/39/38/37/39.5/39/38/37/36/35/34	39.5/39/38/37/36/35/34	
Sound power level	dB(A)(F4)	52/51/51/50/50/49/49	52/51/51/50/50/49/49	52/52/51/50/49/48/47	55/54/54/53/52/51/51	53/52/52/52/51/51/50	57/56/55/54/53/53/52	57/56/55/54/53/53/52	
	dB(A)(F5)	51/50/49/49/48/48/48	51/50/49/49/48/48/48	51/50/49/48/47/47/46	53/53/52/51/50/49/48	51/50/50/50/49/49/48	54/53/52/51/50/50/49	54/53/52/51/50/50/49	
Unit	Net dimensions ^{5s} (W×H×D)	mm(F4)	1020×495×200	1020×495×200	1020×495×200	1240×495×200	1360×591×200	1360×591×200	1360×591×200
		mm(F5)	1020×495×200	1020×495×200	1020×495×200	1240×495×200	1360×591×200	1360×591×200	1360×591×200
	Packed dimensions(W×H×D)	mm(F4)	1125×595×285	1125×595×285	1125×595×285	1345×595×285	1465×695×285	1465×695×285	1465×695×285
		mm(F5)	1125×595×285	1125×595×285	1125×595×285	1345×595×285	1465×695×285	1465×695×285	1465×695×285
	Net/Gross weight	kg(F4)	21.1/27.9	21.1/27.9	21.9/28.6	26.3/32.9	32.1/41.0	33.3/41.1	33.3/42.1
		kg(F5)	21.1/26.8	21.1/26.8	21.9/27.6	26.3/32.4	32.1/39.4	33.3/41.1	33.3/41.1
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ 6.35/Φ 12.7	Φ 6.35/Φ 12.7	Φ 6.35/Φ 12.7	Φ 6.35/Φ 12.7	Φ 6.35/Φ 12.7	Φ 9.52/Φ 15.9	Φ 9.52/Φ 15.9
	Drain pipe	mm	OD Φ 18.5	OD Φ 18.5	OD Φ 18.5	OD Φ 18.5	OD Φ 18.5	OD Φ 18.5	OD Φ 18.5

Notes:

1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.

2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.

3. Fan motor speed and air flow rate are from the highest to the lowest, total 7 rates for each model.

4. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in a anechoic chamber.

5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

Specifications

Ceiling&Floor Units

Model name			MIH36DLN18	MIH45DLN18	MIH56DLN18	MIH71DLN18	MIH80DLN18
Power supply			1-phase, 220-240V, 50Hz				
Cooling ¹	Capacity	kW	3.6	4.5	5.6	7.1	8
		kBtu/h	12.3	15.4	19.1	24.2	27.3
	Power Input	W	16	24	40	42	56
Heating ²	Capacity	kW	4	5	6.3	8	9
		kBtu/h	13.7	17.1	21.5	27.3	30.7
	Power Input	W	16	24	40	42	56
Airflow rate ³		m³/h	564/539/514/492/467/445/424	712/674/637/603/565/531/500	927/883/840/794/751/707/665	1128/1062/1024/926/860/791/729	1300/1218/1138/1057/982/904/824
Sound pressure leve ⁴		dB(A)	32/30/29/28/27/26/25	36/35/34/33/32/31/30	43/41/40/38/36/34/33	43/40/39/37/35/34/33	45/44/42/40/38/36/34
Sound power level		dB(A)	43/42/40/39/38/38/37	47/45/45/43/42/41/40	54/53/51/50/48/47/45	54/53/52/51/49/48/48	55/53/51/50/49/46/44
Unit	Net dimensions ^{5s} (W×H×D)	mm	1069×674×234	1069×674×234	1069×674×234	1284×674×234	1284×674×234
	Packed dimensions(W×H×D)	mm	1190×755×313	1190×755×313	1190×755×313	1405×755×323	1405×755×323
	Net/Gross weight	kg	24.7/29.5	24.7/29.5	24.7/29.5	29.8/34.8	29.8/34.8
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32
pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25

Model name			MIH90DLN18	MIH100DLN18	MIH112DLN18	MIH125DLN18	MIH140DLN18
Power supply			1-phase, 220-240V, 50Hz				
Cooling ¹	Capacity	kW	9	10	11.2	12.5	14
		kBtu/h	30.7	34.1	38.2	42.7	47.8
	Power Input	W	75	50	65	95	140
Heating ²	Capacity	kW	10	11.2	12.5	14	16
		kBtu/h	34.1	38.2	42.7	47.8	54.6
	Power Input	W	75	50	65	95	140
Airflow rate ³		m³/h	1480/1397/1302/ 1218/1138/1056/979	1497/1469/1296/ 1200/1104/1015/918	1648/1530/1469/ 1292/1178/1067/956	2012/1879/1772/ 1649/1531/1469/1285	2206/2070/1937/ 1810/1677/1516/1402
Sound pressure leve ⁴		dB(A)	48/47/46/44/ 42/40/37	42/40/39/37/ 35/33/32	44/42/41/39/ 37/35/33	49/48/46/44/ 42/40/38	51.5/50/48/46/ 44/42/40
Sound power level		dB(A)	58/57/55/54/ 52/50/49	54/53/51/50/ 48/46/44	56/54/53/51/ 49/47/45	60/59/58/56/ 54/53/51	63/62/60/58/ 56/54/53
Unit	Net dimensions ^{5s} (W×H×D)	mm	1284×674×234	1649×674×234	1649×674×234	1649×674×234	1649×674×234
	Packed dimensions (W×H×D)	mm	1405×755×323	1770×755×323	1770×755×323	1770×755×323	1770×755×323
	Net/Gross weight	kg	29.8/34.8	36.4/42.7	36.4/42.7	36.4/42.7	36.4/42.7
Refrigerant type			R410A/R32				
pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25

Notes:

1.Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.

2.Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.

3.Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.

4.Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in a semi-anechoic chamber.

5.The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.

Fresh Air Processing Duct

Model name			MIH200 FAN18	MIH224 FAN18	MIH252 FAN18	MIH280 FAN18	MIH335 FAN18	MIH400 FAN18	MIH450 FAN18	MIH560 FAN18
Power supply			1-phase, 220-240V, 50Hz							
Cooling ¹	Capacity	kW	20.0	22.4	25.2	28	33.5	40	45	56
		kBtu/h	68.3	76.5	86.0	95.6	114.3	136.5	153.6	191.1
	Input	W	425	425	480	540	550	900	900	1330
Heating ²	Capacity	kW	12	13.7	16	18	22	26.5	27.8	39
		kBtu/h	41.0	46.8	54.6	61.4	75.1	90.4	94.9	133.1
	Input	W	425	425	480	540	550	900	900	1330
Airflow rate ³		m³/h	2500/2417/ 2333/2250/ 2167/2083/ 2000	2500/2417/ 2333/2250/ 2167/2083/ 2000	2800/2667/ 2533/2400/ 2267/2133/ 2000	3000/2833/ 2667/2500/ 2333/2167/ 2000	3200/3000/ 2800/2600/ 2400/2200/ 2000	4500/4217/ 3933/3650/ 3367/3083/ 2800	4500/4217/ 3933/3650/ 3367/3083/ 2800	6200/5833/ 5467/5100/ 4733/4367/ 4000
External static pressure ⁴		Pa	220(0-400)	220(0-400)	220(0-400)	220(0-400)	220(0-400)	300(0-400)	300(0-400)	300(0-400)
Sound pressure leve ⁴		dB(A)	47/46/46/45/ 44/43/42	47/46/46/45/ 44/43/42	48/47/47/46/ 45/44/43	49/48/48/47/ 46/45/44	51/50/49/48/ 47/46/45	53/52/52/51/ 50/49/48	53/52/52/51/ 50/49/48	56/55/55/54/ 53/52/51
Unit	Net dimensions ⁵ (W×H×D)	mm	1300×580 ×1050	1300×580 ×1050	1300×580 ×1050	1300×580 ×1050	1300×580 ×1050	1850×580 ×1050	1850×580 ×1050	1850×580 ×1050
	Packed dimensions (W×H×D)	mm	1530×730 ×1060	1530×730 ×1060	1530×730 ×1060	1530×730 ×1060	1530×730 ×1060	2080×730 ×1060	2080×730 ×1060	2080×730 ×1060
	Net/Gross weight	kg	117/142	117/142	117/142	117/142	121/146	161/198	161/198	164/201
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ19.1	Φ9.52/Φ19.1	Φ12.7/Φ22.2	Φ12.7/Φ22.2	Φ12.7/Φ25.4	Φ16/Φ28.6	Φ16/Φ28.6	Φ16/Φ28.6
	Drain pipe	mm	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32

Small Airflow Rate Fresh Air Processing Duct

Model name			MIH90FASN18	MIH140FASN18	MIH160FASN18
Power supply			1-phase, 220-240V, 50Hz		
Cooling ¹	Capacity	kW	9.0	14.0	16.0
		kBtu/h	30.7	47.8	54.6
	Input	W	80	165	185
Heating ²	Capacity	kW	8.1	12.5	14.0
		kBtu/h	27.6	42.7	47.8
	Input	W	80	165	185
Airflow rate ³		m³/h	690/633/575/518/ 460/403/345	1100/1008/917/ 825/733/642/550	1230/1128/1025/ 923/820/718/615
External static pressure ⁴		Pa	100 (0-300)	150 (0-300)	150 (0-300)
Sound pressure leve ⁵		dB(A)	39/37.5/36/34/32.5/30.5/29	44.5/42.5/40/37/35/33/32	44.5/43/41/38/36/34/32.5
Unit	Net dimensions ⁶ (W×H×D)	mm	1095x310x773	1095x310x773	1095x310x773
	Packed dimensions (W×H×D)	mm	1215x360x885	1215x360x885	1215x360x885
	Net/Gross weight	kg	37/41.5	40/43.5	40/43.5
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

Notes:

1.Indoor temperature 33°C DB, 28°C WB; outdoor temperature 33°C DB; equivalent refrigerant piping length 7.5m with zero level difference.

2.Indoor temperature 0°C DB; outdoor temperature 0°C DB, -2.9°C WB; equivalent refrigerant piping length 7.5m with zero level difference.

3.Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.

4.Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)

5.Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in a semi-anechoic chamber.

6.Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

Specifications

HRV

Model name		HRV-D200(C)	HRV-D300(C)	HRV-D400(C)	HRV-D500(C)
Power supply		1-phase, 220-240V, 50Hz			
Input power (H/M/L)(standard G4)		W	70/45/25	100/55/35	110/70/40
Input power (H/M/L)(F7+M5)		W	80/40/25	100/55/35	110/70/40
Nominal Temperature Efficiency (standard G4) (H/M/L)		%	79.5/81.1/83.5	75.5/78.8/82.5	77.7/79.0/81.3
Nominal Enthalpy Efficiency (standard G4) (H/M/L)		%	75.0/77.5/79.6	72.1/75.0/79.3	73.5/75.3/78.0
Nominal Temperature Efficiency (F7+M5) (H/M/L)		%	81.8/85.4/87.5	80.4/81.8/83.5	79.2/81.1/83.3
Nominal Enthalpy Efficiency (F7+M5) (H/M/L)		%	81.2/83.1/85.0	79.4/81.2/84.0	79.6/81.8/84.2
Current		A	0.64	0.84	0.97
Indoor external static pressure (H speed+ standard G4)		Pa	100	90	100
Fresh air external static pressure (H speed +F7+M5)		Pa	75	70	70
Discharge air external static pressure (H speed +F7+M5)		Pa	100	110	110
Nominal air flow		m³/h	200	300	400
Sound Pressure (H/M/L)		dB(A)	33/29.5/25.5	36.5/33.5/30	36.5/32/28
Sound Power		dB	45	48	48
Net dimension¹ (L×W×H)		mm	1195×784×272	1195×898×272	1276×1189×272
Packing size (L×W×H)		mm	1275×880×420	1275×994×420	1360×1284×420
Net/Gross weight		kg	51/68	57/74	72/92
Power supply wire		Wire qty. Code wire cross- section mm²	3 2.5	3 2.5	3 2.5
Controller		Wired controller, Centralized controller, BMS gateway			
Fresh air	Fresh Air Diameter	mm	Φ 144	Φ 144	Φ 198
	Air drop	Pa	52	179	218

Model name		HRV-D800(C)	HRV-D1000(C)	HRV-D1500(C)	HRV-D2000(C)
Power supply		1-phase, 220-240V, 50Hz			
Input power (H/M/L)(standard G4)		W	320/170/80	380/210/100	680/320/200
Input power (H/M/L)(F7+M5)		W	320/170/80	420/230/100	680/320/200
Nominal Temperature Efficiency (standard G4) (H/M/L)		%	78.7/82.1/86.8	82.8/84.0/87.4	75.5/78.6/80.2
Nominal Enthalpy Efficiency (standard G4) (H/M/L)		%	72.3/75.4/79.0	76.0/76.0/80.1	69.4/71.2/74.8
Nominal Temperature Efficiency (F7+M5) (H/M/L)		%	74.9/77.1/80.8	75.4/78.0/81.4	83.8/84.6/86.2
Nominal Enthalpy Efficiency (F7+M5) (H/M/L)		%	71.1/74.4/78.0	67.3/71.1/75.0	74.6/76.2/78.8
Current		A	2.4	2.9	3.8
Indoor external static pressure (H speed+ standard G4)		Pa	140	160	180
Fresh air external static pressure (H speed +F7+M5)		Pa	100	110	150
Discharge air external static pressure (H speed +F7+M5)		Pa	155	145	180
Nominal air flow		m³/h	800	1000	1500
Sound Pressure (H/M/L)		dB(A)	42/39/34	44/39/33.5	51.5/46.5/41.5
Sound Power		dB	55	54	69
Net dimension¹ (L×W×H)		mm	1311×1270×390	1311×1510×390	1740×1344×615
Packing size (L×W×H)		mm	1390×1424×540	1390×1670×540	1830×1520×770
Net/Gross weight		kg	77/101	85/112	168/200
Power supply wire		Wire qty. Code wire cross- section mm²	3 2.5	3 2.5	3 2.5
Controller		Wired controller, Centralized controller, BMS gateway			
Fresh air	Fresh Air Diameter	mm	Φ 244	Φ 244	346×326
	Air drop	Pa	357	384	253

Note:

1. The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.

Floor Standing Units (Side Discharge Type)

Model name			MFSG-76HAN1	MFSG-96HAN1	MFSG-120HAN1	MFSG-150HAN1	MFSG-192HAN1
Power supply			1-phase, 220-240V, 50Hz				
Cooling ¹	Capacity	kW	25.2	28	33.5	45	56
		kBtu/h	86.0	95.6	114.3	153.6	191.1
	Power Input	W	335	335	350	690	860
Heating ²	Capacity	W	26	31.5	38	56	63
		kBtu/h	88.7	107.5	129.7	191.1	215.0
	Power Input	W	335	335	350	690	860
Sound pressure leve ⁴		dB(A)	56.0/54.6/53.3/ 52.6/51.5/ 50.7/49.1	56.0/54.6/53.3/ 52.6/51.5/ 50.7/49.1	52/50.8/49.7/ 48.7/47/ 44.5/43.1	57.2/55.9/54.4/ 53.4/52.3/ 51.0/49.4	58.7/57.4/56.4/ 55.2/54.2/ 53.1/52.1
Unit	Net dimensions ⁵ (W×H×D)	mm	615x1810x1150	615x1810x1150	615x1810x1150	615x1810x1150	615x1810x1600
	Packed dimensions (W×H×D)	mm	730x2035x1260	730x2035x1260	730x2035x1260	730x2035x1260	730x2035x1710
	Net/Gross weight	kg	153/167.5	153/167.5	158/172.5	163/177.5	209/227.5
pipe connections	Liquid/Gas pipe	mm	Φ12.7/Φ22.2	Φ12.7/Φ22.2	Φ12.7/Φ25.4	Φ15.9/Φ28.6	Φ15.9/Φ28.6
	Drain pipe	mm	32	32	32	32	32

Floor Standing Units (Top Discharge Type)

Model name			MFTG-76HAN1	MFTG-96HAN1	MFTG-120HAN1	MFTG-150HAN1	MFTG-192HAN1
Power supply			1-phase, 220-240V, 50Hz				
Cooling ¹	Capacity	kW	25.2	28	33.5	45	56
		kBtu/h	86.0	95.6	114.3	153.6	191.1
	Power Input	W	670	670	745	1210	1465
Heating ²	Capacity	W	26	31.5	38	56	63
		kBtu/h	88.7	107.5	129.7	191.1	215.0
	Power Input	W	670	670	745	1210	1465
External static pressure		Pa	150(0-400)	150(0-400)	150(0-400)	150(0-400)	150(0-400)
Sound pressure leve ⁴		dB(A)	59/57.6/56.5/ 54.9/53.5/ 52/50.6	59/57.6/56.5/ 54.9/53.5/ 52/50.6	55.7/54.5/53.1/ 51.8/50.1/ 48.5/48.2	59.5/58.4/57.0/ 55.6/54.3/ 52.7/51.0	61.0/59.8/58.5/ 57.1/55.6/ 53.9/52.1
Unit	Net dimensions ⁵ (W×H×D)	mm	615x1810x1150	615x1810x1150	615x1810x1150	615x1810x1150	615x1810x1600
	Packed dimensions (W×H×D)	mm	730x2035x1260	730x2035x1260	730x2035x1260	730x2035x1710	730x2035x1710
	Net/Gross weight	kg	153/168.5	153/168.5	160/173.5	204.5/222.5	211/229
Pipe connections	Liquid/Gas pipe	mm	Φ12.7/Φ22.2	Φ12.7/Φ22.2	Φ12.7/Φ25.4	Φ15.9/Φ28.6	Φ15.9/Φ28.6
	Drain pipe	mm	32	32	32	32	32

Notes:

1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 5m with zero level difference.

2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 5m with zero level difference.

3. Air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.

4. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.

5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.