C-V8INH202308

Midea

V8

Indoor Unit

SMART IN ONE

Midea Building Technologies Division

Midea Group

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Quality Assurance ISO 9001

Environmental Management ISO 14001

Occupational Health and Safety Management ISO 45001

2023

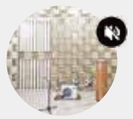
Midea MBT

Midea MBT (Midea Building Technologies) is a key division of the Midea Group, a leading provider of comprehensive solutions for intelligent buildings. It specializes in energy sources, elevators, control systems, and heating, ventilation & air conditioning. Midea MBT continues the tradition of innovation upon which it was founded and has emerged as a global leader in the HVAC and building management industry. A strong drive for advancement has resulted in an extensive R&D department that has placed Midea MBT at the forefront of the competition. Through independent projects and joint-cooperation with other global enterprises, Midea has supplied thousands of innovative solutions to customers worldwide.

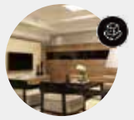
4 production bases can achieve fast delivery

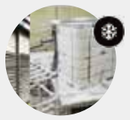
Over 100 testing labs cover a wide range of real application scenarios


Security construction


Noise


Performance


Environmental Simulation


Reliable & long-lasting operation


EMC lab

All products can be visualized and digitalized throughout entire process

3 businesses make up the core of Midea intelligent building solutions

APPLICATION SOLUTIONS

Office Complexes

Enjoy comfort while working

Midea VRF provides solutions for office buildings of all sizes and its smart control solutions streamline the management of VRF. It offers a wide variety of indoor units that are suitable for all designs.

Residential Apartments

One for every home

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

Hotels & Shopping Malls

Increase your business, not your bills

The high efficiency and reliability of Midea VRF make it idea for commercial applications. Intelligent control solutions like hotel key cards and touch screen controller make management easy.

Hospitals/ Schools/ Airports

Meeting all expectations

The innovative design and variety of indoor unit options make Midea VRF suitable for all kinds of applications. The newly designed puro-air kit is perfect for modern hospitals.

Technical Support Platform (TSP)

TSP is a platform for customers to seek professional technical support. Through TSP, you can inquire about product information, documentation, spare parts and troubleshooting, ask technical questions, submit complaints, and order spare parts.

https://tsp.midea.com/

My order

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

Document inquiry and download

View or download product technical documentation online, such as catalogs, images, training PPTs, etc.

Technical inquiry & FAQ

Ask technical questions online and receive a prompt response from our technicians. Or find a quick solution in the FAQ.

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 (MISA)

MISA is the mobile terminal of TSP, with the same functions as TSP. The mobile service improves the response time and convenience of technical support.

https://link.midea.com

FAQ

Complain

Technical Enquiry

Search product manuals

Trouble shooting

Spare parts list

Download

Scan to download the mobile app

Feedback

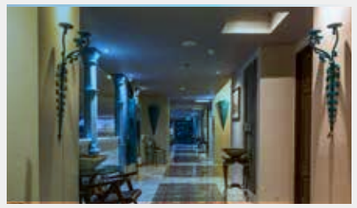
Thank you for your attention and feedback

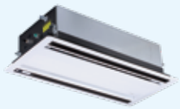
Indoor Unit

One-Way Cassette
Two-Way Cassette
Compact Four-Way Cassette
Four-Way Cassette
Arc Duct
Medium Static Pressure Duct
High Static Pressure Duct
Wall Mounted
Floor Standing

Indoor Unit Lineup

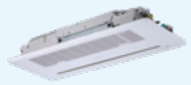
One-Way Cassette





- Automatic anti-condensation
- Multiple Steps Vertical Swing
- Built-in 1200mm high-lift drain pump(Digital feedback DC water pump)

Two-Way Cassette

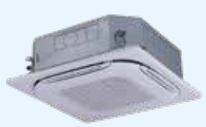


- Automatic anti-condensation
- Multiple Steps Vertical Swing
- Built-in 1200mm high-lift drain pump(Digital feedback DC water pump)

Compact Four-Way Cassette

- 575mm compact body size
- 360° airflow
- Individual louver control
- 3.5m high ceiling installation
- Built-in 1200mm high-lift drain pump
- Optional medium efficiency filter
- Optional plasma sterilization module

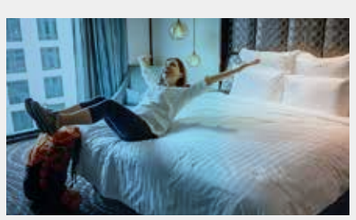
Four-Way Cassette



- 360° airflow, uniform air flow and temperature distribution
- Individual louver control
- Built-in 1200mm high-lift drain pump
- Optional medium efficiency filter
- Optional plasma sterilization module

Arc Duct

- 199mm ultra-thin height (all models)
- 450mm ultra-narrow depth (all models)
- Static pressure adaption, constant air volume supply
- Built-in 1200mm high-lift drain pump
- Optional medium efficiency filter
- Optional plasma sterilization module



Medium Static Pressure Duct

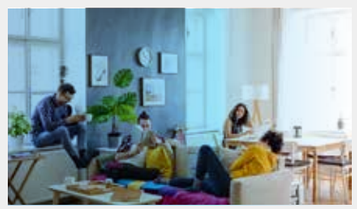
- ESP up to 160Pa (all models)
- 245mm ultra-thin height (all models)
- Static pressure adaption, constant air volume supply
- Built-in 1200mm high-lift drain pump
- Optional HEPA filter with H12 rating
- Optional medium to high efficiency filter
- Optional plasma sterilization module

High Static Pressure Duct

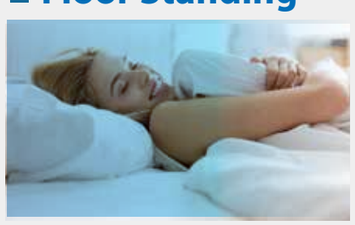
- 5.6kW-16kW ESP up to 250Pa
- 20kW-56kW ESP up to 400Pa
- 299mm ultra-thin height (5.6kW-16kW)
- Static pressure adaption, constant air volume supply
- Built-in 1200mm high-lift drain pump
- Optional HEPA filter with H13 rating
- Optional medium to high efficiency filter

Wall Mounted

- Supports installation close to the ceiling to free up space
- Bi-directional Coanda airflow, enhanced comfort
- Quiet operation
- Optional built-in 1200mm high-lift drain pump
- Optional plasma sterilization module



Floor Standing



- ESP up to 60Pa(F3 concealed model)
- Three appearance options to meet different
- installation requirement
  DC fan creates a more quiet and comfortable
- environment
- 0.5°C/1°C Setting Temperature Adjustment

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	12.5	14.0	16.0	18.0
	Btu/h	5.1 k	6.1 k	7.5 k	9.6 k	12.3 k	15.4 k	19.1 k	21.5 k	24.2 k	27.3 k	30.7 k	34.1 k	38.2 k	42.7 k	47.8 k	54.6 k	61.4 k
Cassette	One-Way Cassette 		●	●	●	●	●	●		●								
Cassette	Two-Way Cassette 			●	●	●	●	●		●								
Cassette	Compact Four-Way Cassette 	●		●	●	●	●	●	●									
Cassette	Four-Way Cassette 				●	●	●	●		●	●	●	●	●		●		
Cassette	Four-Way Cassette 																●	●

	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	12.5	14.0	16.0	18.0	20.0	22.4	25.2	28.0	33.5	40.0	45.0	56.0
	Btu/h	5.1 k	6.1 k	7.5 k	9.6 k	12.3 k	15.4 k	19.1 k	21.5 k	24.2 k	27.3 k	30.7 k	34.1 k	38.2 k	42.7 k	47.8 k	54.6 k	61.4 k	68.3 K	76.5 K	86.0 K	95.6 K	114.3 K	136.5 K	153.6 K	191.1 K
Duct	Arc Duct 	●		●	●	●	●	●		●	●	●		●												
Duct	Medium Static Pressure Duct 	●		●	●	●	●	●		●	●	●		●		●	●									
Duct	High Static Pressure Duct 							●		●	●	●		●	●	●	●		●	●	●	●	●	●	●	●
Wall Mounted	Wall Mounted 	●		●	●	●	●	●		●	●															
Floor Standing	Floor Standing - Concealed 			●	●	●	●	●		●	●															
Floor Standing	Floor Standing - Exposed 			●	●	●	●	●		●	●															

Indoor Unit Functions

	Functions ●: equipped as standard; ○: customization option; ×: without this function		One-Way Cassette	Two-Way Cassette		Compact Four-Way Cassette	Four-Way Cassette	Arc Duct	Medium Static Pressure Duct	High Static Pressure Duct	Wall Mounted	Floor Standing
	Quiet operation	All indoor units are quiet operation	●	●		●	●	●	●	●	●	●
COMFORT & HEALTH	Auto cooling-heating changeover	Automatically selects cooling or heating mode to achieve the set temperature	●	●		●	●	●	●	●	●	●
	Cold air prevention	When starting to warm up, the fan speed is automatically adjusted according to coil temperature to prevent cold air discharge After warming up, fan speed is set as desired	●	●		●	●	●	●	●	●	●
	Digital display on/off	Indoor unit displays can be shut off at night, creating a better environment for rest	●	●		●	●	●	●	●	●	●
	Buzzer sound on/off	The buzzer sound of the indoor unit can be turned off to create a quieter environment	●	●		●	●	●	●	●	●	●
	EEV automatic adjustment	When in heating standby mode, the indoor unit automatically adjusts the EEV opening according to the load to eliminate noise of refrigerant flowing.	●	●		●	●	●	●	●	●	●
	Indoor temperature detection control	The indoor temperature of multiple indoorl units is obtained from a designated indoor unit, and multiple indoor units in a large space are controlled uniformly through this designated indoor unit.	●	●		●	●	●	●	●	●	●
	0.5℃/1℃ setting temperature adjustment	Set temperature can be adjusted in 0.5℃ or 1℃ steps, enabling precise comfort control	●	●		●	●	●	●	●	●	●
	Home leave mode	During absence, the indoor temperature can be maintained at a certain level	●	●		●	●	●	●	●	●	●
	Independent power supply	This feature allows the shutdown of some indoor units without shutting down the whole VR Fsystem	●	●		●	●	●	●	●	●	●
	Sleep mode	The smart sleep mode can realize sleep is not easy to catch a cold and wake up refreshing	●	●		●	●	●	●	●	●	●
	Mildew proof of heat exchanger	After the unit is shutdown, the fan is delayed shutdown to dry the heat	●	●		●	●	●	●	●	●	●
	Air filter	Removes airborne dust particles to ensure a steady supply of clean air exchanger and prevent the heat exchanger from mildew	pre-filter ●	pre-filter ●		G1 ● G3 ○ F6 ○	G1 ●	G1 ● F6 ○	G1 ● G3 ○ F7 ○ H12 ○	pre-filter ● F7 ○ H13 ○	pre-filter ●	G1 ●
	Fresh air intake	A reserved outside air intake port allows outdoor air to be introduced directly	●	4.5-7.1kW●		●	●	●	●	×	●	×
	Visualization of dirty blockage rate	Dirty blockage rate can be accurately identified and displayed on the controller into the unit	×	×		×	×	●	●	●	×	×
	Silver Ions drain pan	Slow-released nano-silver ions can keep the drain pan free of mold for a long time.	×	×		○	○	○	○	×	×	×
	Heat exchanger self-cleaning*	Wash the dirt on the heat exchanger through freezing frost, and then high temperature sterilization.	●	●		●	●	●	●	●	●	●
	Humidity control	Additional humidity sensor can achieve humidity control in 35~75%	×	×		○	○	○	○	×	○	×
	Puro-air kit	Powered by OSRAM's UVC lamps, can effectively kill bacteria, viruses and odors of indoor air	×	×		×	×	×	○	○	×	×
	Sterilization device	Positive and Negative Ion Sterilization Module can effectively kill bacteria, viruses and odors of indoor air	×	×		×	×	○	○	×	×	×
AIR FLOW	Vertical swing	Possibility to select automatic vertical moving of the air discharge louvre, for uniform air flow and temperature distribution	5 steps + auto	5 steps + auto		5 steps + auto	5 steps + auto	×	×	×	5 steps + auto	×
	Horizontal swing	Possibility to select automatic horizontal moving of the air discharge louvre, for uniform air flow and temperature distribution	×	×		×	×	×	×	×	○	×
	Fan speed steps	Multiple fan speeds can be selected to optimize comfort levels	7 steps	7 steps		7 steps	7 steps	7 steps	7 steps	7 steps	7 steps	7 steps
	Auto fan speed	Automatically controls rotation speed of fan depending on indoor load to achieve efficiency and comfort simultaneously	●	●		●	●	●	●	●	●	●
	Individual louver control	Individual louver control via the wired remote controller makes it simple to fix the position of each flap individually	×	×		●	●	×	×	×	×	×
	Soft wind mode	Supplies air against the ceiling to create windless environment	●	●		●	●	●	●	×	●	●
	Adaptive ESP	ESP adapts to duct resistance to ensure constant airflow	×	×		×	×	●	●	●	×	×

* Heat exchanger self-cleaning function can be available only when V8 Mini is connected. There is no AHU-Kit, Fresh Air Processing Unit and V6 indoor unites in the system.

Indoor Unit Functions

Functions ●: equipped as standard; ○: customization option ; ×: without this function			One-Way Cassette	Two-Way Cassette		Compact Four-Way Cassette	Four-Way Cassette	Arc Duct	Medium Static Pressure Duct	High Static Pressure Duct	Wall Mounted	Floor Standing
ENERGY SAVING	META mode	Triple variable control maximizes energy saving operation	●	●		●	●	●	●	●	●	●
	ECO mode	The setting temperature rises automatically by 1℃ per hour, up to 3℃	●	●		●	●	●	●	●	●	●
	Full DC electronic components	The fan motor and water pump are DC power supply	●	●		●	●	●	●	●	●	●
	Human Detect Sensor	Using millimeter-wave radar sensor controller automatically turns indoor units on or off upon detecting that the room is occupied or unoccupied, ensuringclimate control whilst minimizing energy consumption.	×	×		○	○	×	×	×	○	×
EASY Installation & Service	Program upgrade*	All indoor units can be upgraded on outdoor unit of the same system, more easy program upgrade.	●	●		●	●	●	●	●	●	●
	Long distance air delivery	Provides adequate airflow and capacity under high ceiling conditions	×	×		3.5m	● 3m ○ 4.5m	×	×	×	×	×
	High-lift drain pump	Facilitates condensation draining from the indoor unit	●	●		●	●	●	●	●	○	×
	Water level switch	When the drain pipe is blocked or the drain pipe is poor, the water level switch is turned off, and there is no need to worry about overflowing the ceiling.	●	●		●	●	●	●	●	○	×
	Ceiling anti-dirt setting	The air discharge is specially designed to prevent air blowing against the ceiling to prevent ceiling dirty	●	●		●	●	×	×	×	×	×
	Air baffle fittings for irregular rooms	Some air discharge ports can be blocked with air baffle to optimize air distribution in irregular shaped rooms	×	×		●	●	×	×	×	×	×
	2-core non-polarity communication wiring	Simplifies installation and reduces wiring failures	●	●		●	●	●	●	●	●	●
	Long communication wiring	Communication wiring up to 1200m makes installation more flexible	●	●		●	●	●	●	●	●	●
	3 digit 7-segment display	3 digit 7-segment display can display more parameters and error information	●	●		●	●	●	●	●	●	●
	Error codes are further refined	Simplifies maintenance by refined error code	●	●		●	●	●	●	●	●	●
EASY CONTROL	Timer	Timer can be set to start and stop operation anytime on a daily or weekly basis	●	●		●	●	●	●	●	●	●
	Infrared remote control	Infrared remote control with LCD to remotely control your indoor unit	●	●		●	●	●	●	●	●	●
	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	Centralized control to control several indoor units from one single point	●	●		●	●	●	●	●	●	●
	Auto-restart	The unit restarts automatically at the original settings after power failure	●	●		●	●	●	●	●	●	●
	℃/℉ setting	Temperature unit ℃ or ℉ can be set according to your usage habits	●	●		●	●	●	●	●	●	●
	Long-distance on/off function	Long-distance startup or shutoff the system by weak electricity external devices	●	●		●	●	●	●	●	●	●
EXTENDED FUNCTIONS	Humidifier connection	Additional expansion board can achieve third-party humidifier connection	×	×		○	○	○	○	○	○	○
	Dehumidifier connection	Additional expansion board can achieve third-party dehumidifier connection	×	×		○	○	○	○	○	○	○
	Electric heater connection	Additional expansion board can achieve third-party electric heater connection	×	×		○	○	○	○	○	○	○
	Refrigerant leak sensor connection	Additional expansion board can achieve refrigerant leak sensor connection	×	×		○	○	○	○	○	○	○
	CO2 sensor connection	Additional expansion board can achieve CO2 sensor connection	×	×		○	○	○	○	○	○	○
	PM2.5 sensor connection	Additional expansion board can achieve PM2.5 sensor connection	×	×		○	○	○	○	○	○	○
	Third-party controller connection	Third party controller can realize mode, fan speed and temperature control	×	×		○	○	○	○	○	○	○
	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 make the unit run more reliably	●	●		●	●	●	●	●	●	●

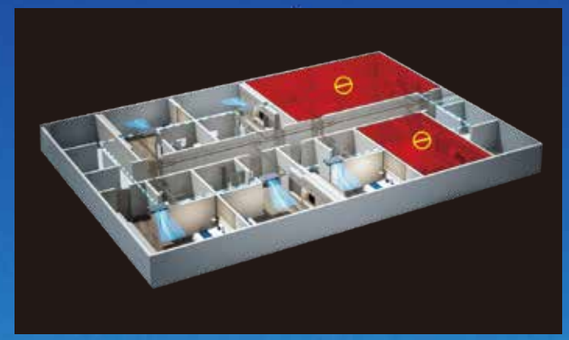
*The program upgrade function needs to be implemented through Bluetooth Module or Data Cloud Gateway. The Bluetooth Module and Data Cloud Gateway needs to be purchased separately.

HyperLink

Communication distance up to **2000M**

Independent Power Supply

Some indoor units shut down without shutting down the whole VRF system.



Any Topology Communication

The communication wire supports tree connection, star connection, ring connection and so on.

Super Anti-interference Capability

Special waveform restoration technology enhances anti-interference performance for more stable communication.

Frosting

Frost makes the surface of heat exchanger dirt stripping

Defrosting

Water flow flushes dirt from heat exchanger

Drying

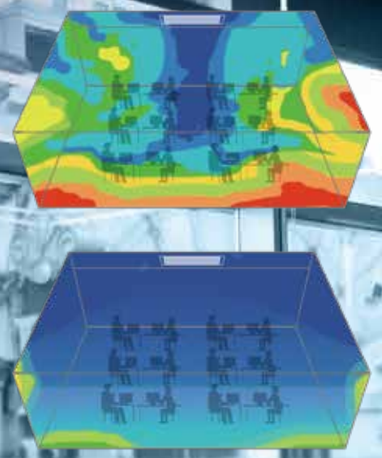
55˚C high temperature drying water, effective sterilization

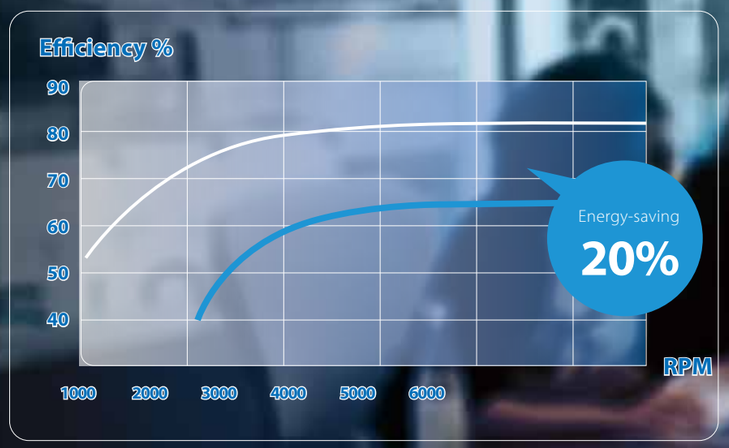
HEAT EXCHANGER SELF-CLEANING*

* Heat exchanger self-cleaning function can be available only when V8 Mini is connected.

Full DC Electronic Components

The fan motor and water pump are DC power supply,
making the temperature control more precise and the indoor temperature more uniform.





Optional Multi-Functional Expansion Board

Humidity control

Electric heater connection

Multiple protections

Long-distance on/off function

Long-distance alarm function

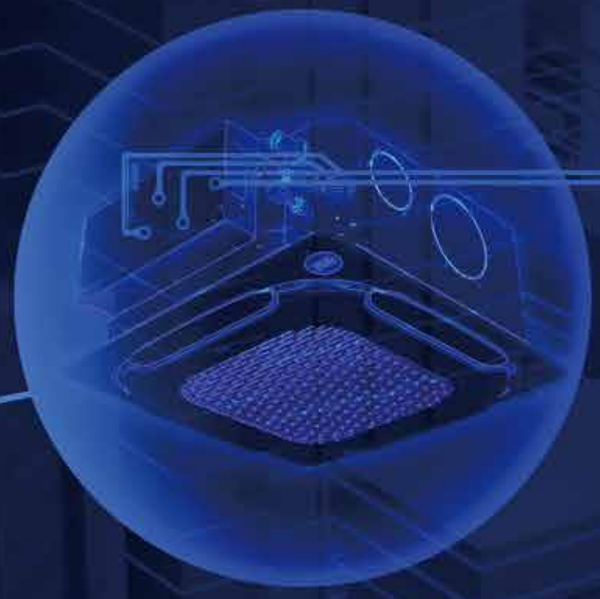
Humidifier/ Dehumidifier connection

Third-party controller connection

CO_2 sensor connection

PM2.5 sensor connection

Refrigerant leak sensor connection



Switch Module
(Optional)

Expansion Board
(Optional)

Free drainage

Quiet operation

High-lift drain pump

One-Way Cassette

COMFORT

Digital Display On/Off

Indoor unit displays can be shut off at night, creating a better environment for rest.

Buzzer Sound On/Off

Indoor unit buzzer sound can be set off to not disturb the user, creating a quieter environment.

Quiet Operation

By optimizing the design of fan motor, air duct and heat exchanger, the new duct operates with noise as low as 22dB(A), creating a quieter and more comfortable environment

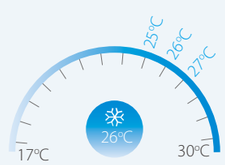
HEALTH

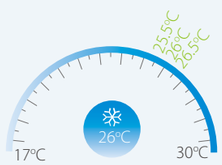
Automatic anti-condensation

The One-way Cassette can automatically enter and exit the anti-condensation mode by detecting its own operation data;
In the anti-condensation mode, the machine can change the outlet angle of the guide vane intermittently to prevent the local temperature difference of the guide panel from being too large and avoid the occurrence of condensation.

0.5°C/1°C Setting Temperature Adjustment

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

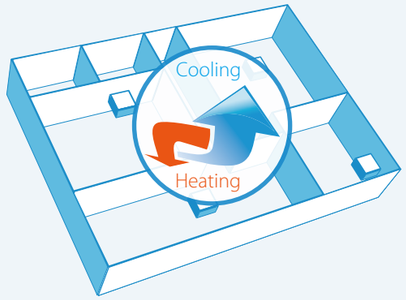




WIDER APPLICATION

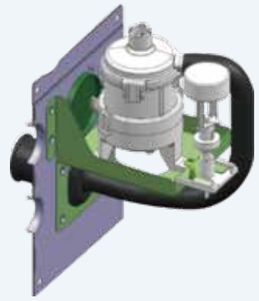
Auto Cooling-heating Changeover

Automatically selects cooling or heating mode to achieve the set temperature.



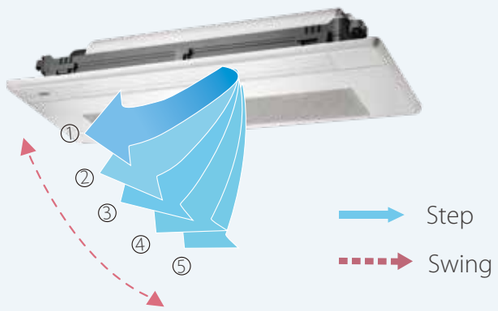
Digital feedback DC water pump

Digital feedback DC water pump: actively sense the pump speed and water flow to determine whether there is jamming attenuation or damage, and give early warning to avoid water leakage.



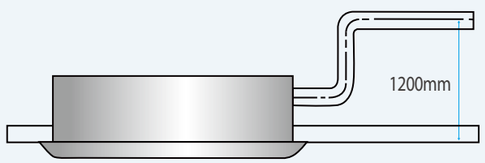
Multiple Steps Vertical Swing

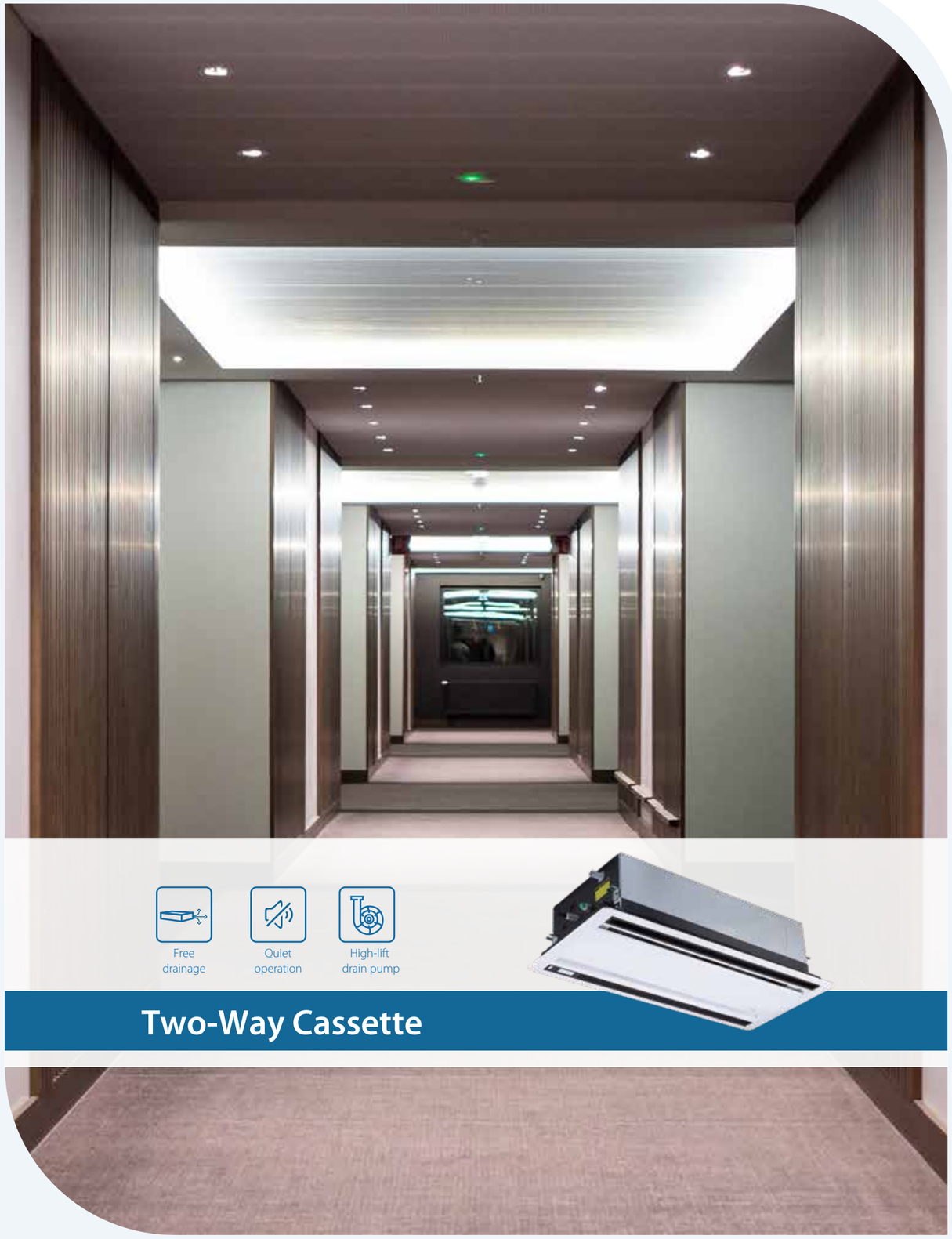
There are 5-steps louver control makes the air flow direction more precisely. In addition, the auto swing mode can better meet different customer needs. Air supply angle 25-80°.



High-lift drain pump

A drain pump with a 1200mm raise height is fitted as standard, simplifying installation of the drain piping.





Free drainage

Quiet operation

High-lift drain pump

Two-Way Cassette

COMFORT

Digital Display On/Off

Indoor unit displays can be shut off at night, creating a better environment for rest.

Buzzer Sound On/Off

Indoor unit buzzer sound can be set off to not disturb the user, creating a quieter environment.

Quiet Operation

The fan motor and water pump are DC power supply, which is more energy-saving and silent than AC power supply, creating a more quiet and comfortable environment


Fan Motor


Drain Pump

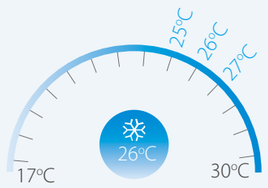
HEALTH

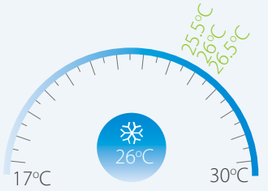
Automatic anti-condensation

The Two-way Cassette can automatically enter and exit the anti-condensation mode by detecting its own operation data; In the anti-condensation mode, the machine can change the outlet angle of the guide vane intermittently to prevent the local temperature difference of the guide panel from being too large and avoid the occurrence of condensation.

0.5°C/1°C Setting Temperature Adjustment

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

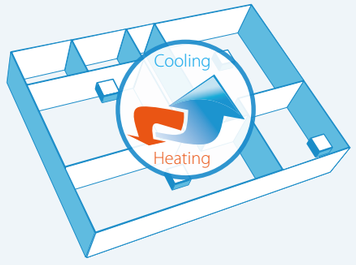




WIDER APPLICATION

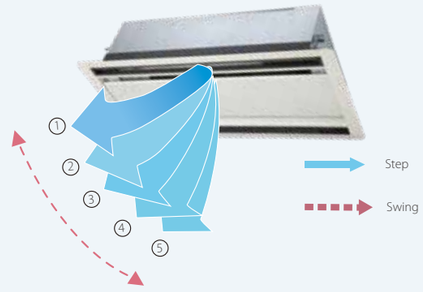
Auto Cooling-heating Changeover

Automatically selects cooling or heating mode to achieve the set temperature.



Multiple Steps 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 °.



Digital feedback DC water pump

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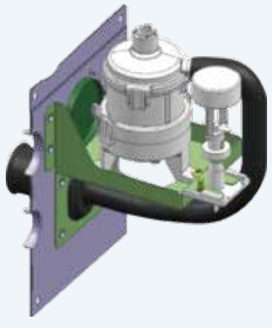
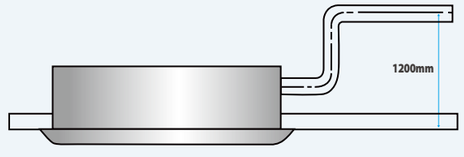


High-lift drain pump

A drain pump with a 1200mm raise height is fitted as standard, simplifying installation of the drain piping.

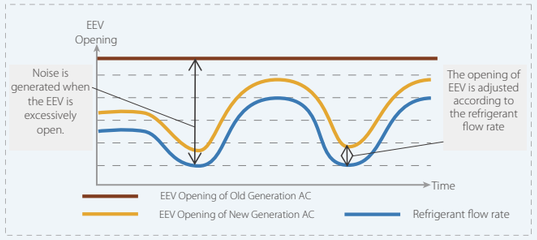


Compact Four-Way Cassette

COMFORT

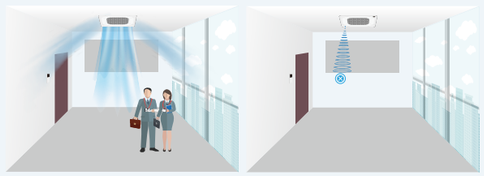
EEV automatic adjustment

When in heating standby mode, the indoor unit automatically adjusts the EEV opening according to the load to eliminate noise of refrigerant flowing.



Human Detect Sensor*

Using millimeter-wave radar sensor controller automatically turns indoor units on or off upon detecting that the room is occupied or unoccupied, ensuring climate control whilst minimizing energy consumption.



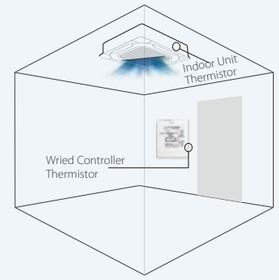
The indoor unit automatically runs when detecting human body

The indoor unit automatically stops when detecting absence

***This function is available as a customization option for V8 Compact Four Way Cassette.**

Two thermistors control

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



Auto Cooling-heating Changeover

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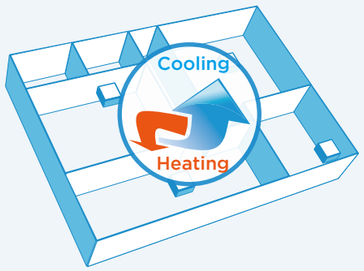


AIR FLOW

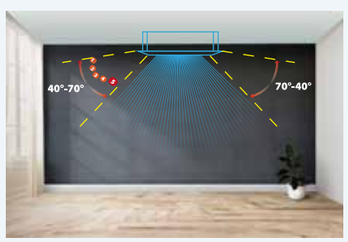
360° Airflow

New design, round airflow path ensures uniform airflow and temperature distribution.

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

Multiple Steps 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

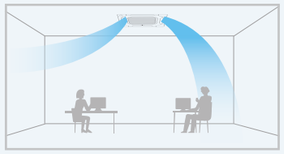


7 Fan Speeds

7 indoor fan speed options to meet the needs of different indoor conditions.

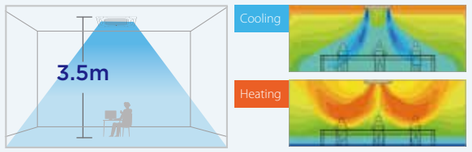
Individual Louver Control

The Individual louver control can control the motors separately, making it possible to control all four louvers independently.



Long Distance Air Delivery

The Compact Four-way Cassette has an additional 30Pa static pressure for long airflow delivery and is capable of being used in spaces up to 3.5m in floor height.



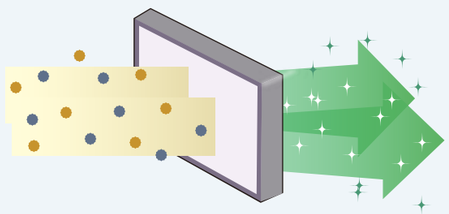
Soft Wind Mode

Supplies air against the ceiling to create windless environment.

HEALTH

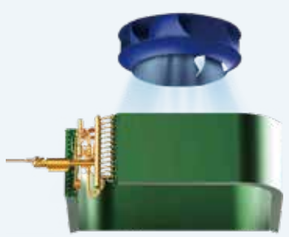
Optional F6-class Air Filter

The Compact Four-way Cassette supports 30Pa external static pressure for the F6-class filter installation. Filtering effect of the F6-class filter reaches up to 80% against particles (particle size > 1μm), creating a cleaner living environment.



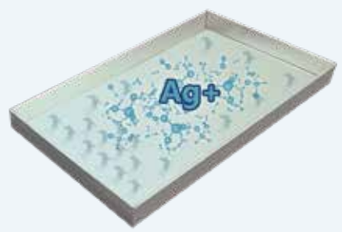
Mildew proof of heat exchanger

When the indoor unit is turned off in cooling mode, the fan is still on, and dry the heat exchanger to avoid mold on the heat exchanger.



Silver Ions drain pan (optional)

Slow-released nano-silver ions can keep the drain pan free of mold for a long time.

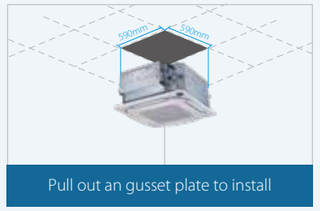


EASY INSTALLATION

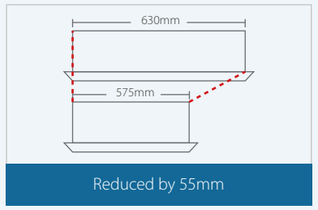
Compact and stylish design

New Compact Four-way Cassette panel size is fit into the ceiling tile(620mm × 620mm), making installation easier.

Cut ceiling tile to install



Pull out an gusset plate to install



Reduced by 55mm

High-lift drain pump

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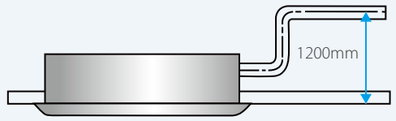
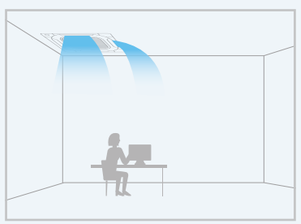


Water level switch

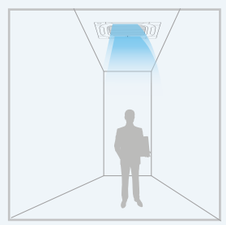
When the drain pipe is blocked or the drain pipe is poor, the water level switch is turned off, and there is no need to worry about overflowing the ceiling.

Air baffle fittings for irregular rooms

Some air discharge ports can be blocked with air baffle to optimize air distribution in irregular shaped rooms. Air outlets can be blocked with accessories, which can be found in the packing material.



At the corner



In the narrow room

360°
360° airflow

Individual louver control

Healthy air supply

Four-Way Cassette

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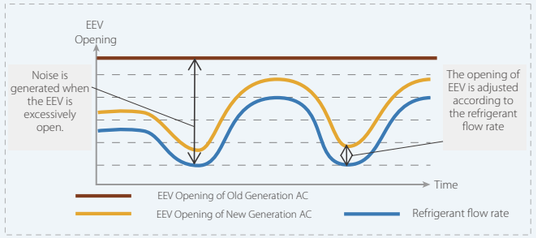

Two thermistors control

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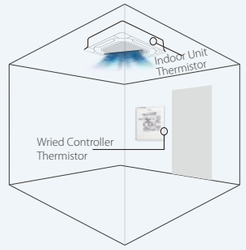

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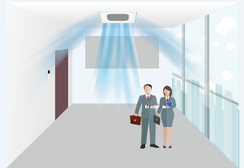

The indoor unit automatically runs when detecting human body

The indoor unit automatically stops when detecting absence

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Auto Cooling-heating Changeover

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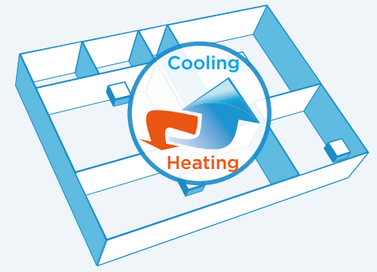

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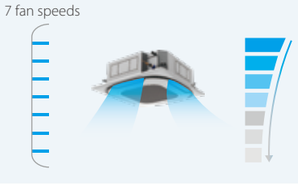

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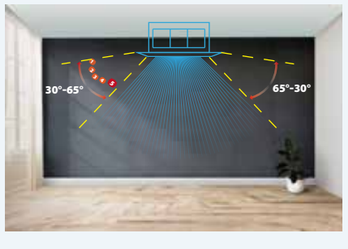

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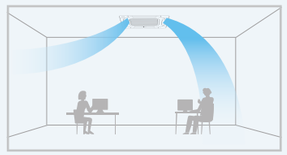
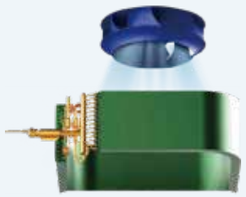


HEALTH

Mildew proof of heat exchanger

When the indoor unit is turned off in cooling mode, the fan is still on, and dry the heat exchanger to avoid mold on the heat exchanger.

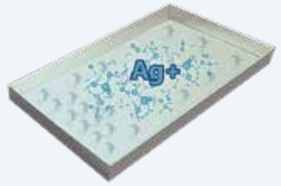


Soft Wind Mode

Supplies air against the ceiling to create windless environment.

Silver Ions drain pan (optional)

Slow-released nano-silver ions can keep the drain pan free of mold for a long time.



EASY INSTALLATION

Air baffle fittings for irregular rooms

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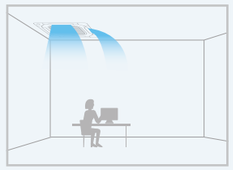
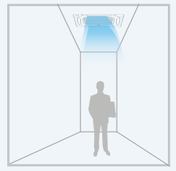


At the corner



In the narrow room

High-lift drain pump

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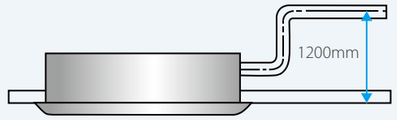


Water level switch

When the drain pipe is blocked or the drain pipe is poor, the water level switch is turned off, and there is no need to worry about overflowing the ceiling.

Ultra-thin height

Quiet operation

Healthy air supply

Constant air volume

Arc Duct

COMFORT

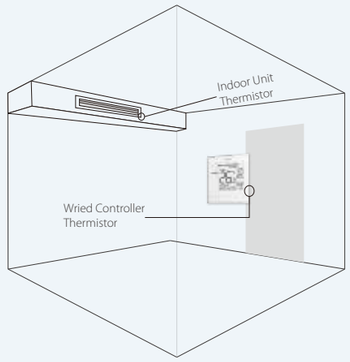
Quiet Operation

By optimizing the design of fan motor, air duct and heat exchanger, the new duct operates with noise as low as 22dB(A), creating a quieter and more comfortable environment.

- Fan motor noise reduction
- Air duct noise reduction
- Heat exchanger noise reduction

Two thermistors control

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



Auto Cooling-heating Changeover

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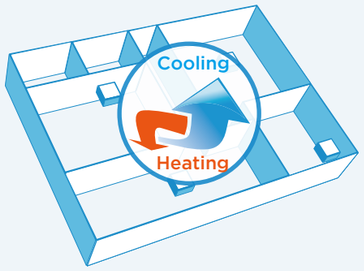
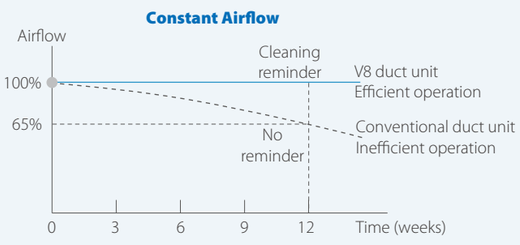


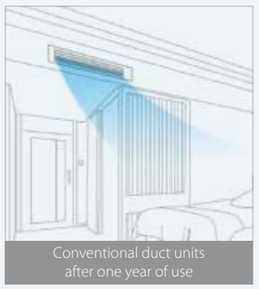
AIR FLOW

Constant Airflow

Constant airflow technology can realize the airflow output is not affected by installation conditions and use conditions, ensuring the constant airflow supply.



*Data measured in the UX lab of Midea

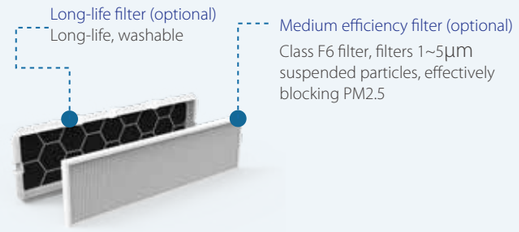

Conventional duct units after one year of use

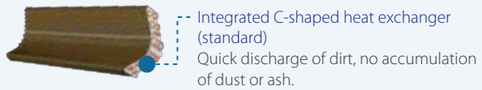

V8 duct units after one year of use

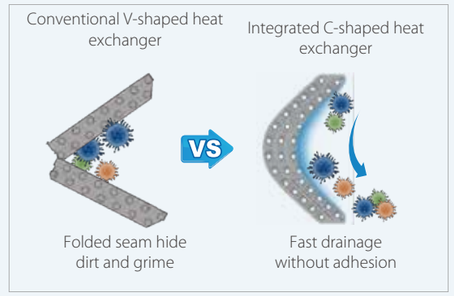
HEALTH

Healthy Air Supply

The Arc Duct unit adopts an integrated C-shaped heat exchanger that allows for fast drainage and no dust or ash accumulation. The optional long-life filter, medium-life filter and plasma sterilization module further enhance the air quality of the air supply and create a healthy environment.

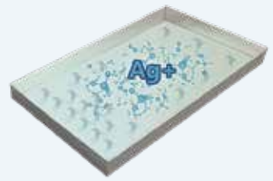






Silver Ions drain pan (optional)

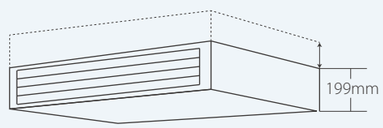
Slow-released nano-silver ions can keep the drain pan free of mold for a long time.



EASY INSTALLATION

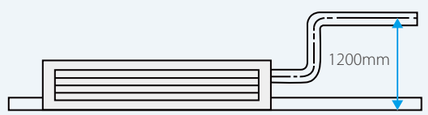
Ultra-thin Body

Ultra-thin body design, the body height of the whole series is only 199mm, greatly saving space and more flexible installation.



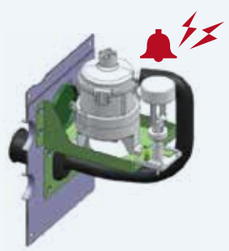
High-lift drain pump

A drain pump with a 1200mm raise height is fitted as standard, simplifying installation of the drain piping.



Fault Feedback

Early warning of drain pump fault.



Compact design

Healthy air supply

Constant air volume

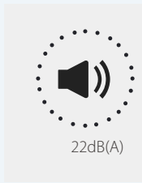
Flexible installation

Medium Static Pressure Duct

COMFORT

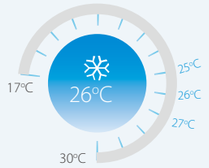
Quiet Operation

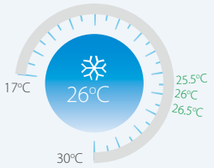
By optimizing the design of fan motor, air duct and heat exchanger, the new duct operates with noise as low as 22dB(A), creating a quieter and more comfortable environment.



0.5°C/1°C Setting Temperature Adjustment

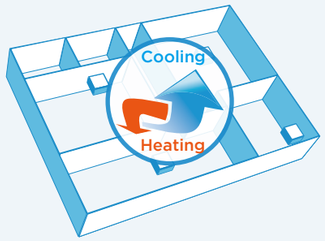
Set temperature can be adjusted in 0.5°C or 1°C steps, enabling precise comfort control.





Auto Cooling-heating Changeover

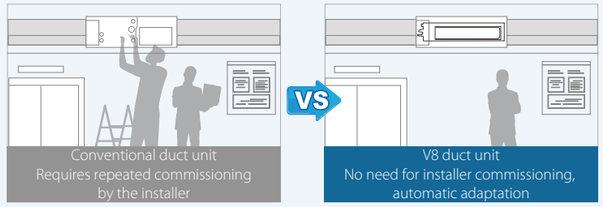
Automatically selects cooling or heating mode to achieve the set temperature.



AIR FLOW

Adaptive Duct Length and Filter Resistance

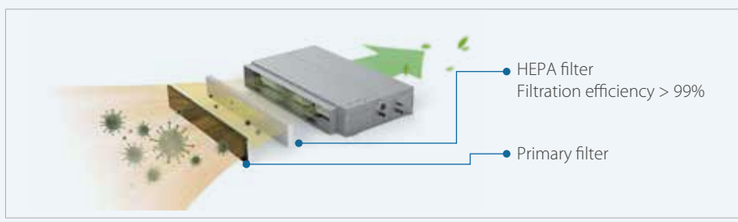
By digital fan motor and a specially designed independent drive chip enables precise control and output on demand. It can automatically adapt to duct lengths from 10 to 160 Pa equivalent static pressure without intervention from the installer.



HEALTH

Optional High Efficiency HEPA Filter*

A static pressure of up to 160 Pa enables the application of medical-grade HEPA filters, and even small capacity models can be equipped with high-efficiency filters, efficiently filtering fine particles of 0.5 microns with an efficiency of over 99%.

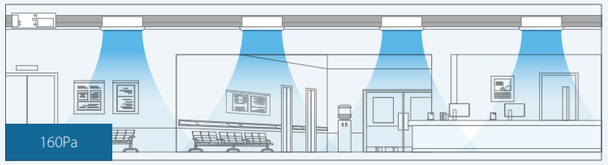


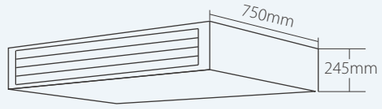
* This function is available as a customization option.

EASY INSTALLATION

Thin Body with High ESP

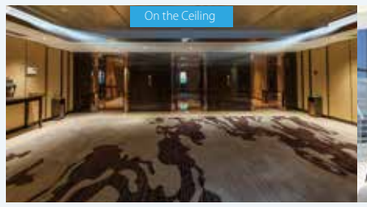
All models have a static pressure of 160 Pa and a thickness of only 245 mm. The high static pressure allows air to be delivered over longer distances without loss of cooling and heating effect. Especially suitable for long and narrow spaces.

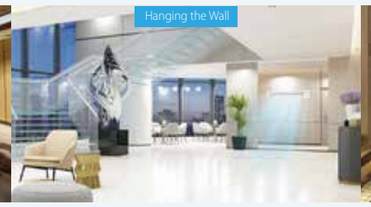


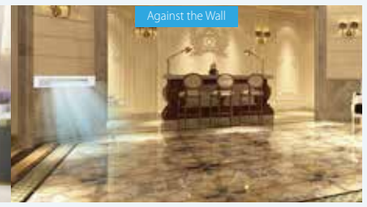


3 Way flexible installation

It is possible to install and connect the outdoor unit in 3 different ways for Duct, providing flexibility to accommodate a wide range of room designs.

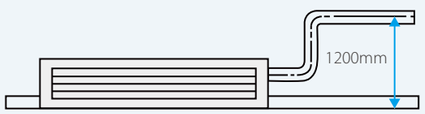






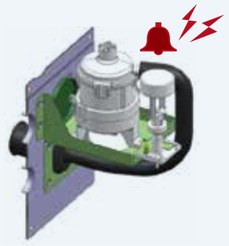
High-lift drain pump

A drain pump with a 1200mm raise height is fitted as standard, simplifying installation of the drain piping.



Fault Feedback

Early warning of drain pump fault.



Compact design

Healthy air supply

Constant air volume

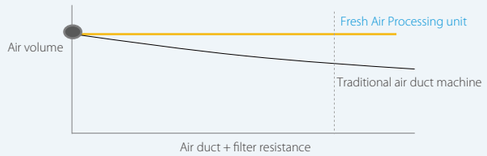
Flexible installation

High Static Pressure Duct

AIR FLOW

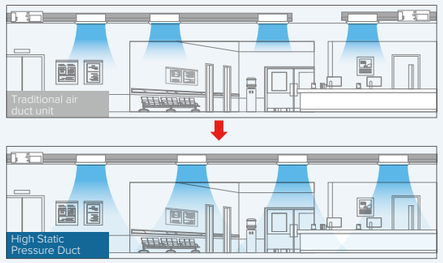
Constant Airflow Technology

Through the independent constant air volume digital fan technology, the air volume is independently detected and adjusted to realize constant air volume and no attenuation in the whole life.



Ultra-high static pressure

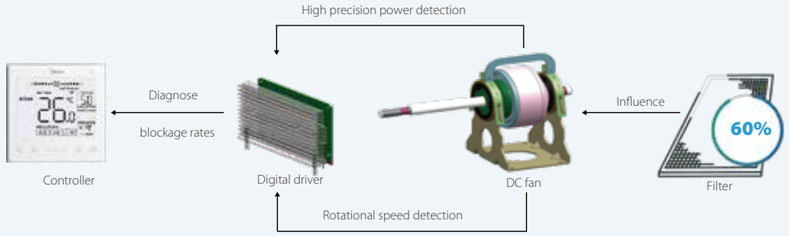
The static pressure can reach 250Pa(5.6-16kW) or 400Pa(20-56kW), so the air supply distance is longer. Especially in long and narrow spaces such as corridors, it can reduce the number of units used and save investment costs..



HEALTH

Visualization of dirty blockage rate

Built-in self-learning model can detect the real-time resistance of the filter screen and restore the true state of the filter screen. 10 levels blockage rates can be accurately identified and displayed on the controller, reminding the user to clean the filter in time.



Innovative Puro-air Kit

Protectors of health and safety

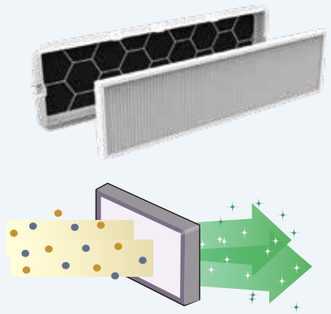
OSRAM From Germany -OSRAM quality UV light source

CE **Ozone –Free**
UV leakage-Free

*The indoor unit needs to be customized in order to use the Puro-air Kit.

Efficiency filter screen

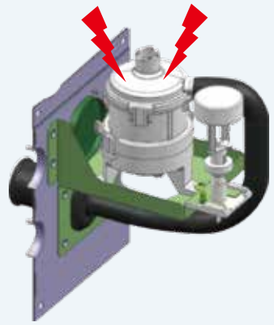
Optional F7 or H13-class air filter, Equipped with H13 HEPA high-efficiency filter screen, it can filter 0.5 micron extremely fine particles, and the primary filtration efficiency is more than 99.95%.



WIDER APPLICATION

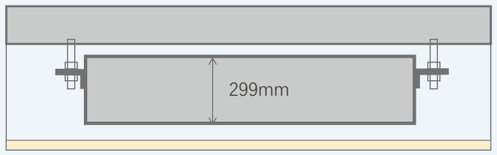
Intelligent leak feedback

Digital feedback DC water pump, Take the initiative to sense the pump speed and water flow, judge whether there is jamming attenuation or damage, and give early warning to avoid water leakage
Integrated drainage pipe design reduces the sealing points of traditional design from 6 to 2, reduces breakpoints and reduces leakage risks



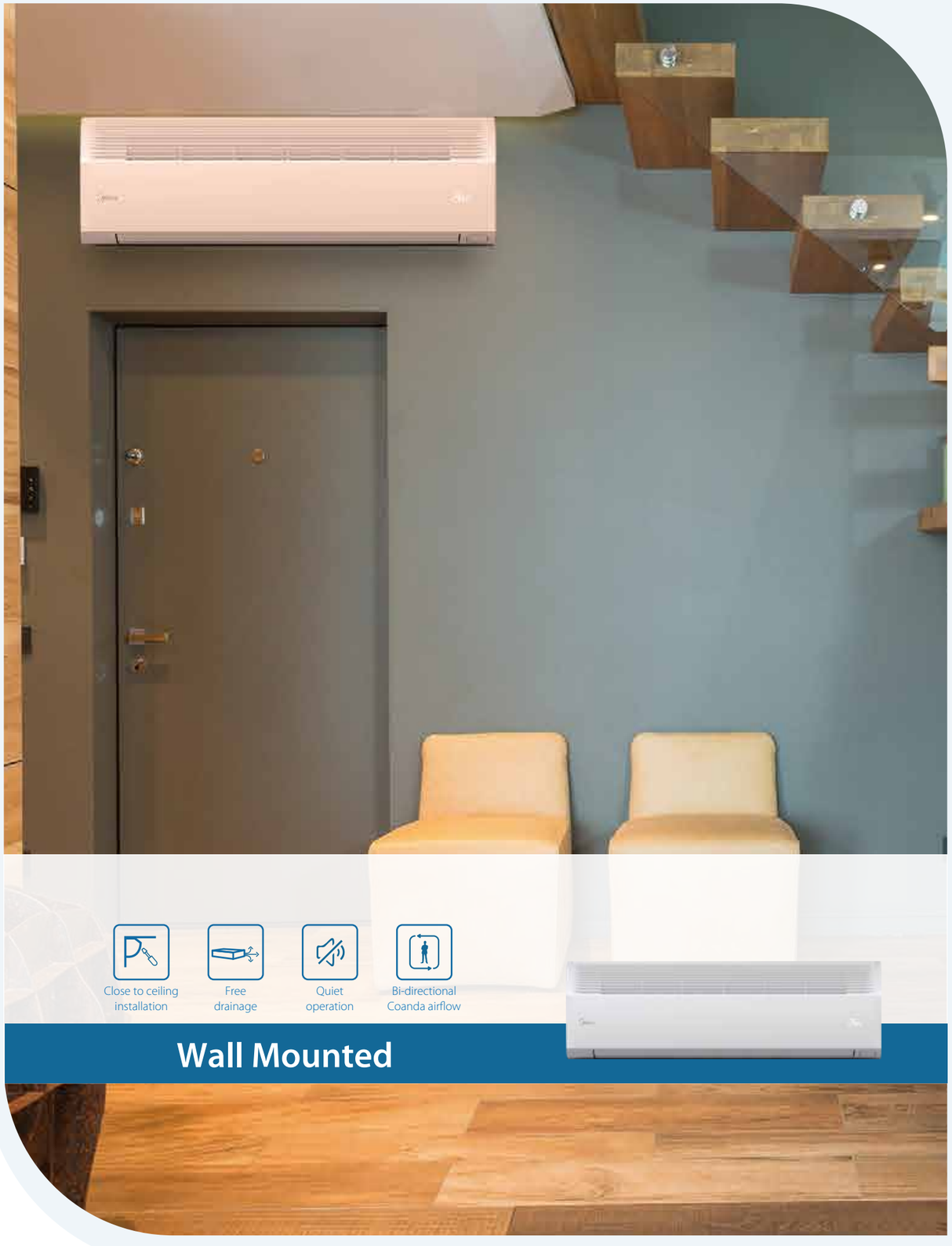
Ultra-thin fuselage

For High static pressure duct, the fuselage thickness is only 299mm,the height required for ceiling installation is greatly reduced which leads to be able to cope with more installation situations.



High-lift drain pump

A drain pump with a 1200mm raise height is fitted as standard, simplifying installation of the drain piping.



Close to ceiling installation

Free drainage

Quiet operation

Bi-directional Coanda airflow

Wall Mounted

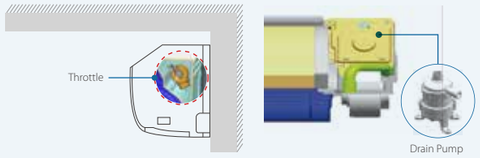
COMFORT

Quiet Operation

The minimum noise level of Wall Mounted is as low as 27dB(A), idea for hotels and other noise-sensitive locations.

Enclosed design

For Wall Mounted throttling parts and drain pumps adopt closed design, reducing noise.



Human Detect Sensor*

Using millimeter-wave radar sensor controller automatically turns indoor units on or off upon detecting that the room is occupied or unoccupied, ensuring climate control whilst minimizing energy consumption.

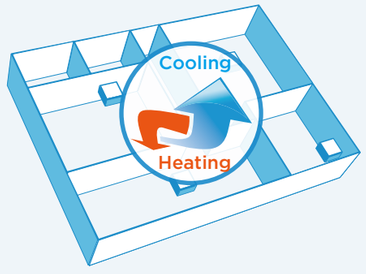
The indoor unit automatically runs when detecting human body

The indoor unit automatically stops when detecting absence

*This function is available as a customization option for V8 Wall Mounted.

Auto Cooling-heating Changeover

Automatically selects cooling or heating mode to achieve 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.

AIR FLOW

3D Air Flow*

Possibility to select automatic vertical and horizontal moving of the air discharge louvre, for uniform air flow and temperature distribution.

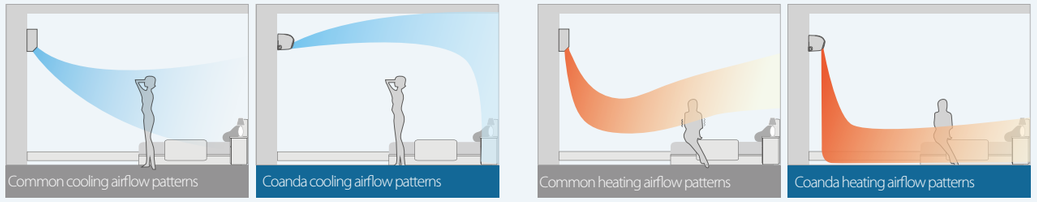
Up & Down

Right & Left

*Horizontal Swing function is available as a customization option for Wall Mounted.

Bi-directional Coanda Airflow

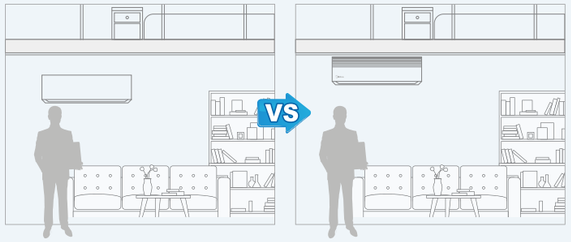
With bi-directional Coanda airflow delivery technology, the cold air does not blow directly on people and the hot air warms up evenly from the feet for better comfort.



EASY INSTALLATION

Ceiling Mounting

The Wall Mounted new heat exchanger is designed to meet the installation requirements close to the ceiling, and the minimum distance from the ceiling is 3cm.

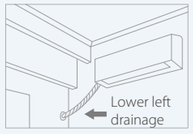


There is some distance from ceiling

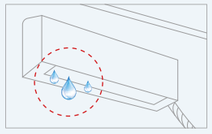
The distance from the ceiling is 3cm

Free Drainage without Space Restrictions

The Wall Mounted can realize horizontal drainage, downward drainage, upward drainage, making installation more flexible.



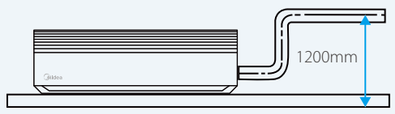
Most conventional Wall Mounted unit does not have a drain pump and the condensate pipe can only be installed underneath the unit, relying on gravity to drain the condensate to the nearest window.



When the condensate pipe is blocked, condensate can drip down onto the floor and damage it.

High-lift drain pump*

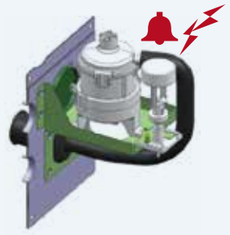
A drain pump with a 1200mm raise height is fitted as standard, simplifying installation of the drain piping.



*The drain pump is available as a customization option.

Fault Feedback

Early warning of 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 shut off at night, creating a better environment for rest.

Digital display

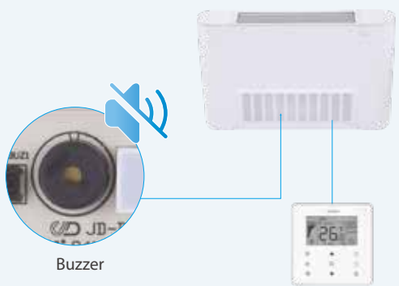
Quiet Operation

The fan motor is DC power supply, which is more energy-saving and silent than AC power supply, creating a more quiet and comfortable environment

Fan Motor

Buzzer Sound On/Off

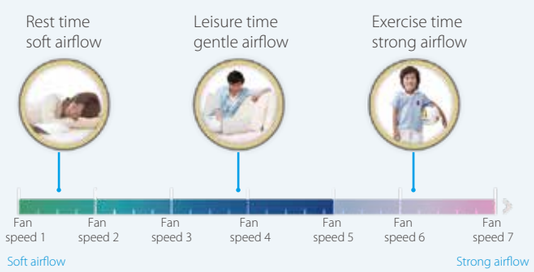
Indoor unit buzzer sound can be set off to not disturb the user, creating a quieter environment.



Buzzer

Multiple Fan Speeds

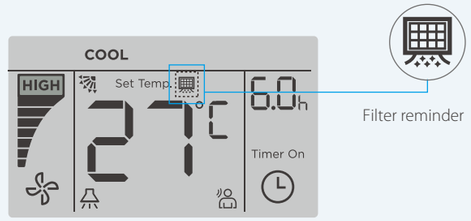
7 indoor fan speeds provide control flexibility to meet the needs of different indoor conditions.



HEALTH

Dirty Filters Indicator Signal

The filter indicator will be on when the running time reaches a certain time to remind user to clean the filter.



Filter reminder

0.5°C/1°C Setting Temperature Adjustment

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

Digital Display On/Off

Indoor unit displays can be shut off at night, creating a better environment for rest.

WIDER APPLICATION

Multiple Appearance Options

The Floor Standing Unit has three appearance options to meet different installation requirement, the F3B (concealed) unit is designed to be concealed in walls while the F4 (front air intake) and F5 (underside air intake) offer a choice of air intake options.

F3B (concealed)

F4 (front air intake)

F5 (underside air intake)

Specifications

Specifications

One-Way Cassette

Model name			MIH18Q1HN18	MIH22Q1HN18	MIH28Q1HN18	MIH36Q1HN18	MIH45Q1HN18	MIH56Q1HN18	MIH71Q1HN18
Power supply			1-phase, 220-240V, 50/60Hz						
Cooling[1]	Capacity	kW	1.8	2.2	2.8	3.6	4.5	5.6	7.1
		kBut/h	6.1	7.5	9.6	12.3	15.4	19.1	24.2
	Input	W	25	25	30	30	40	48	60
Heating[2]	Capacity	kW	2.2	2.6	3.2	4.0	5.0	6.3	8.0
		kBut/h	7.5	8.9	10.9	13.6	17.1	21.5	27.3
	Input	W	25	25	30	30	40	48	60
Airflow rate[3]		m^3/h	380/355/330/300/286/263/240		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 level[4]		dB(A)	30/28/27/26/25/24/22		37/36/35/34/32/31/30	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
indoor unit	Net dimensions[5] (WxHxD)	mm	1054×153×428				1275×189×452		
	Net dimensions(no water tray) (WxHxD)	mm	1054×141×428				1275×176×452		
	Packed dimensions (WxHxD)	mm	1155×245×490				1370×295×505		
	Net/Gross weight	kg	11.5/14.5		11.8/14.8		15.8/20.2		16.9/21.4
Panel	Net dimensions (WxHxD)	mm	1180×25×465				1350×25×505		
	Packed dimensions (WxHxD)	mm	1232×107×517				1410×95×560		
	Net/Gross weight	kg	3.5/4.7				4/5.6		
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						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. 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.

Two-Way Cassette

Model name			MIH22Q2HN18	MIH28Q2HN18	MIH36Q2HN18	MIH45Q2HN18	MIH56Q2HN18	MIH71Q2HN18
Power supply			1-phase, 220-240V, 50/60Hz					
Cooling[1]	Capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1
		kBut/h	7.5	9.6	12.3	15.4	19.1	24.2
	Input	W	35	40	40	50	69	98
Heating[2]	Capacity	kW	2.6	3.2	4	5	6.3	8
		kBut/h	8.9	10.9	13.6	17.1	21.5	27.3
	Input	W	35	40	40	50	69	98
Airflow rate[3]		m^3/h	654/612/571/530/488/449/410	654/612/571/530/488/449/410	725/679/641/591/554/509/458	850/792/731/670/631/592/550	980/925/855/800/755/702/670	1200/1115/1068/1000/921/808/770
Sound pressure level[4]		dB(A)	33/31/30/29/27/25/24	33/31/30/29/27/25/24	35/33/32/30/29/27/25	37/36/35/34/32/31/30	39/37/36/35/33/31/30	44/42/41/40/38/36/34
indoor unit	Net dimensions[5] (WxHxD)	mm	1172×299×591					
	Packed dimensions (WxHxD)	mm	1355×400×675					
	Net/Gross weight	kg	29.7/36.3			31.6/38.2		
Panel	Net dimensions (WxHxD)	mm	1430×53×680					
	Packed dimensions (WxHxD)	mm	1525×130×765					
	Net/Gross weight	kg	11/15			11/15		
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7					Φ9.52/Φ15.9
	Drain pipe	mm	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. 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 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.

Specifications

Compact Four-Way Cassette

Model			MIH15Q4CHN18	MIH22Q4CHN18	MIH28Q4CHN18	MIH36Q4CHN18
Power supply			1-phase, 220-240V, 50/60Hz			
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
Air flow rate[3]		m^3/h	450/425/400/370/345/320/295		510/480/455/425/395/370/340	530/500/470/440/405/375/345
Sound pressure level[4]		dB(A)	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		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			
	Packed dimensions (W×H×D)	mm	690×285×690			
	Net/Gross weight	kg	13.0/15.0			14.0/16.0
Panel	Net dimensions[6] (W×H×D)	mm	620×65×620			
	Packed dimensions (W×H×D)	mm	680×80×665			
	Net/Gross weight	kg	2.3/3.0			
Refrigerant type			R410A/R32			
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7			Ø9.52/Ø15.9
	Drain pipe	mm	OD Ø25			

Model			MIH45Q4CHN18	MIH56Q4CHN18	MIH63Q4CHN18
Power supply			1-phase, 220-240V, 50/60Hz		
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
Air flow rate[3]		m^3/h	640/605/570/530/495/460/425	810/765/720/670/625/580/535	905/855/805/755/705/655/605
Sound pressure level[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		
	Packed dimensions (W×H×D)	mm	690×285×690		
	Net/Gross weight	kg	14.0/16.0	15.0/17.0	
Panel	Net dimensions[6] (W×H×D)	mm	620×65×620		
	Packed dimensions (W×H×D)	mm	680×80×665		
	Net/Gross weight	kg	2.3/3.0		
Refrigerant type			R410A/R32		
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7		Ø9.52/Ø15.9
	Drain pipe	mm	OD Ø25		

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.

Specifications

Four-Way Cassette

Model			MIH28Q4HN18	MIH36Q4HN18
Power supply			1-phase, 220-240V, 50/60Hz	
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
Air flow rate[3]		m^3/h	790/740/691/641/591/542/492	790/740/691/641/591/542/492
Sound pressure level[4]		dB(A)	30/29/28/27.5/27/26/25	30/29/28/27.5/27/26/25
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	kg	18/20.5	18/20.5
Panel	Net dimensions[6] (W×H×D)	mm	950x53x950	950x53x950
	Packed dimensions (W×H×D)	mm	1020×90×1020	1020×90×1020
	Net/Gross weight	kg	5.6/7.3	5.6/7.3
Refrigerant type			R410A/R32	
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7	Ø6.35/Ø12.7
	Drain pipe	mm	OD Ø25	

Model			MIH45Q4HN18	MIH56Q4HN18	MIH71Q4HN18
Power supply			1-phase, 220-240V, 50/60Hz		
Cooling[1]	Capacity	kW	4.5	5.6	7.1
		kBtu/h	15.4	19.1	24.2
	Power input	W	36.0	23.0	32.0
Heating[2]	Capacity	kW	5.0	6.3	8.0
		kBtu/h	17.1	21.5	27.3
	Power input	W	36.0	23.0	32.0
Air flow rate[3]		m^3/h	910/840/770/701/631/561/491	840/791/741/692/642/593/543	1000/943/886/829/772/715/658
Sound pressure level[4]		dB(A)	37/35/34/32/30/29/27	33/32/31/30/29/28/27	37/36/34/33/31/30/28
Main body	Net dimensions[5] (W×H×D)	mm	840×204×840	840×204×840	840×204×840
	Packed dimensions (W×H×D)	mm	940×250×940	940×250×940	940×250×940
	Net/Gross weight	kg	18/20.5	19.5/22	19.5/22
Panel	Net dimensions[6] (W×H×D)	mm	950x53x950	950x53x950	950x53x950
	Packed dimensions (W×H×D)	mm	1020×90×1020	1020×90×1020	1020×90×1020
	Net/Gross weight	kg	5.6/7.3	5.6/7.3	5.6/7.3
Refrigerant type			R410A/R32		
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7	Ø6.35/Ø12.7	Ø9.52/Ø15.9
	Drain pipe	mm	OD Ø25		

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.

Specifications

Four-Way Cassette

Model			MIH80Q4HN18	MIH90Q4HN18	MIH100Q4HN18
Power supply			1-phase, 220-240V, 50/60Hz		
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	74.0
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	74.0
Air flow rate[3]		m^3/h	1100/1019/939/858/777/697/616	1330/1239/1148/1057/965/874/783	1470/1360/1250/1141/1031/921/811
Sound pressure level[4]		dB(A)	42.5/40/38/36/34/32/30	38/37/35/34/32/31/29	43/41/40/38/36/35/33
Main body	Net dimensions[5] (W×H×D)	mm	840x204x840	840×246×840	840×246×840
	Packed dimensions (W×H×D)	mm	940x250x940	940x295x940	940x295x940
	Net/Gross weight	kg	19.5/22	21.5/24	21.5/24
Panel	Net dimensions[6] (W×H×D)	mm	950x53x950	950x53x950	950x53x950
	Packed dimensions (W×H×D)	mm	1020x90x1020	1020x90x1020	1020x90x1020
	Net/Gross weight	kg	5.6/7.3	5.6/7.3	5.6/7.3
Refrigerant type			R410A/R32		
Pipe connections	Liquid/Gas pipe	mm	Ø9.52/Ø15.9	Ø9.52/Ø15.9	Ø9.52/Ø15.9
	Drain pipe	mm	OD Ø25		

Model			MIH112Q4HN18	MIH140Q4HN18	MIH160Q4HN18	MIH180Q4HN18
Power supply			1-phase, 220-240V, 50/60Hz			
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	118.0	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	118.0	110.0	145.0
Air flow rate[3]		m^3/h	1600/1497/1393/1290/ 1186/1083/979	1900/1787/1673/1560/ 1446/1333/1219	2100/1900/1760/1630/ 1500/1380/1270	2300/2140/1960/1770/ 1600/1430/1270
Sound pressure level[4]		dB(A)	41/40/38/37/36/34/33	47.5/46/44/42/40/38/36.5	48/46/44/43/41/39/37	52/49/47/45/42/39/38
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× 350×1050	1050× 350×1050
	Net/Gross weight	kg	24/26.5	24/26.5	32.6/37.2	32.7/37.3
Panel	Net dimensions[6] (W×H×D)	mm	950×53×950	950×53×950	1050×55×1050	1050×55×1050
	Packed dimensions (W×H×D)	mm	1020×90×1020	1020×90×1020	1115×100×1115	1115×100×1115
	Net/Gross weight	kg	5.6/7.3	5.6/7.3	7.4/9.7	7.4/9.7
Refrigerant type			R410A/R32			
Pipe connections	Liquid/Gas pipe	mm	Ø9.52/Ø15.9	Ø9.52/Ø15.9	Ø9.52/Ø15.9	Ø9.52/Ø19.1
	Drain pipe	mm	OD Ø25			

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.

Specifications

Arc Duct

Model			MIH15T3HN18	MIH22T3HN18
Power supply			1-phase, 220-240V, 50/60Hz	
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
Air flow rate[3]		m^3/h	340/335/329/320/307/298/290	370/347/339/322/314/ 306/295
External static pressure[4]		Pa	10 (10-50)	
Sound pressure level[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	
	Packed dimensions (W×H×D)	mm	715×255×525	
	Net/Gross weight	kg	11.5/13.5	
Refrigerant type			R410A/R32	
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7	
	Drain pipe	mm	OD Ø25	

Model			MIH28T3HN18	MIH36T3HN18	MIH45T3HN18
Power supply			1-phase, 220-240V, 50/60Hz		
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
Air flow rate[3]		m^3/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)		
Sound pressure level[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	50.5/49.5/48/47/45.5/42.5/43	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		
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7		
	Drain pipe	mm	OD Ø25		

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 an 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

Arc Duct

Model			MIH56T3HN18	MIH71T3HN18	MIH80T3HN18
Power supply			1-phase, 220-240V, 50/60Hz		
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
Air flow rate[3]		m^3/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 level[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[6] (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		
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7	Ø9.52/Ø15.9	Ø9.52/Ø15.9
	Drain pipe	mm	OD Ø25		

Model			MIH90T3HN18	MIH112T3HN18
Power supply			1-phase, 220-240V, 50/60Hz	
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
Air flow rate[3]		m^3/h	1400/1327/1249/1175/1095/1026/960	1620/1522/1433/1343/1254/1170/1080
External static pressure[4]		Pa	20(10-80)	
Sound pressure level[5]		dB(A)	36.5/35.5/34.5/33/ 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	
Refrigerant type			R410A/R32	
Pipe connections	Liquid/Gas pipe	mm	Ø9.52/Ø15.9	
	Drain pipe	mm	OD Ø25	

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 an 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

Model			MIH15T2HN18	MIH22T2HN18	MIH28T2HN18
Power supply			1-phase, 220-240V, 50/60Hz		
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
Air flow rate[3]		m^3/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)		
Sound pressure level[5]		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[6] (W×H×D)	mm	600×245×750		
	Packed dimensions (W×H×D)	mm	765×305×890		
	Net/Gross weight	kg	18.5/21	18.5/21	18.5/21
Refrigerant type			R410A/R32		
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7		
	Drain pipe	mm	OD Ø25		

Model			MIH36T2HN18	MIH45T2HN18	MIH56T2HN18
Power supply			1-phase, 220-240V, 50/60Hz		
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
Air flow rate[3]		m^3/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)		
Sound pressure level[5]		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[6] (W×H×D)	mm	600×245×750		800×245×750
	Packed dimensions (W×H×D)	mm	765×305×890		965×305×890
	Net/Gross weight	kg	18.5/21	19.5/22	24/27.5
Refrigerant type			R410A/R32		
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7		
	Drain pipe	mm	OD Ø25		

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

Specifications

Medium Static Pressure Duct

Model			MIH71T2HN18	MIH80T2HN18	MIH90T2HN18
Power supply			1-phase, 220-240V, 50/60Hz		
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
Air flow rate[3]		m^3/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 level[5]		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[6] (W×H×D)	mm	800×245×750	1050×245×750	
	Packed dimensions (W×H×D)	mm	965×305×890	1215×305×890	
	Net/Gross weight	kg	25/28.5	30/33.5	31/34.5
Refrigerant type			R410A/R32		
Pipe connections	Liquid/Gas pipe	mm	Ø9.52/Ø15.9		
	Drain pipe	mm	OD Ø25		

Model			MIH112T2HN18	MIH140T2HN18	MIH160T2HN18
Power supply			1-phase, 220-240V, 50/60Hz		
Cooling[1]	Capacity	kW	11.2	14	16
		kBtu/h	38.2	47.8	54.6
	Power input	W	138	172	210
Heating[2]	Capacity	kW	12.5	16	18
		kBtu/h	42.7	54.6	61.4
	Power input	W	138	172	210
Air flow rate[3]		m^3/h	1950/1817/1683/1550/1417/1283/1150	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)	
Sound pressure level[5]		dB(A)	39/37/35/33/31/29/28	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	65/63/61/58.5/56.5/54/52
Unit	Net dimensions[6] (W×H×D)	mm	1400×245×750		
	Packed dimensions (W×H×D)	mm	1565×305×890		
	Net/Gross weight	kg	37/41.5	39/43.5	39/43.5
Refrigerant type			R410A/R32		
Pipe connections	Liquid/Gas pipe	mm	Ø9.52/Ø15.9		
	Drain pipe	mm	OD Ø25		

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

Specifications

High Static Pressure Duct

Model name			MIH56T1HN18	MIH71T1HN18	MIH80T1HN18	MIH90T1HN18
Power supply			1-phase, 220-240V, 50/60Hz			
Cooling[1]	Capacity	kW	5.6	7.1	8	9
		kBut/h	19.1	24.2	27.3	30.7
	Input	W	159	159	159	196
Heating[2]	Capacity	kW	6.3	8	9	10
		kBut/h	21.5	27.3	30.7	34.1
	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)			
Sound pressure level[5]		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
Unit	Net dimensions[6] (W×H×D)	mm	1050×299×750			
	Packed dimensions (W×H×D)	mm	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		
	Drain pipe	mm	OD Φ25			

Model name			MIH112T1HN18	MIH125T1HN18	MIH140T1HN18	MIH160T1HN18
Power supply			1-phase, 220-240V, 50/60Hz			
Cooling[1]	Capacity	kW	11.2	12.5	14	16
		kBut/h	38.2	42.7	47.8	54.6
	Input	W	248	252	284	339
Heating[2]	Capacity	kW	12.5	14	16	18
		kBut/h	42.7	47.8	54.6	61.4
	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)	100(0-250)		
Sound pressure level[5]		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
Unit	Net dimensions[6] (W×H×D)	mm	1400×299×750			
	Packed dimensions (W×H×D)	mm	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			
	Drain pipe	mm	OD Φ25			

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.
7.All specifications are measured at standard external static pressure.

Specifications

High Static Pressure Duct

Model name			MIH200T1HN18	MIH224T1HN18	MIH252T1HN18	MIH280T1HN18
Power supply			1-phase, 220-240V, 50/60Hz			
Cooling[1]	Capacity	kW	20	22.4	25.2	28
		kBut/h	68.3	76.5	86.0	95.6
	Input	W	780	780	780	780
Heating[2]	Capacity	kW	22.5	25	26	31.5
		kBut/h	76.8	85.3	88.7	107.5
	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)			
Sound pressure level[5]		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
Unit	Net dimensions[6] (W×H×D)	mm	1300×580×900			
	Packed dimensions (W×H×D)	mm	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		Φ12.7/Φ22.2	
	Drain pipe	mm	OD Φ32			

Model name			MIH335T1HN18	MIH400T1HN18	MIH450T1HN18	MIH560T1HN18
Power supply			1-phase, 220-240V, 50/60Hz			
Cooling[1]	Capacity	kW	33.5	40	45	56
		kBut/h	114.3	136.5	153.6	191.1
	Input	W	810	1850	1850	2030
Heating[2]	Capacity	kW	38	45	56	63
		kBut/h	129.7	153.6	191.1	215.0
	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)	300(0-400)		
Sound pressure level[5]		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
Unit	Net dimensions[6] (W×H×D)	mm	1300×580×900	1850×580×900		
	Packed dimensions (W×H×D)	mm	1530×730×1060	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	
	Drain pipe	mm	OD Φ32			

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.
7.All specifications are measured at standard external static pressure.

Specifications

Wall Mounted

Model			MIH15GHN18	MIH22GHN18	MIH28GHN18	MIH36GHN18
Power supply			1-phase, 220-240V, 50/60Hz			
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
Air flow rate[3]		m^3/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 level[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 (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			
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7	Ø6.35/Ø12.7	Ø6.35/Ø12.7	Ø6.35/Ø12.7
	Drain pipe	mm	OD Ø16	OD Ø16	OD Ø16	OD Ø16

Model			MIH45GHN18	MIH56GHN18	MIH71GHN18	MIH80GHN18
Power supply			1-phase, 220-240V, 50/60Hz			
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
Air flow rate[3]		m^3/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 level[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 (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			
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7	Ø6.35/Ø12.7	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Ø16	OD Ø16	OD Ø16	OD Ø16

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 0.8m 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.

Specifications

Floor Standing F3(concealed)

Model name			MIH22F3HN18	MIH28F3HN18	MIH36F3HN18	MIH45F3HN18	MIH56F3HN18	MIH71F3HN18	MIH80F3HN18
Power supply			1-phase, 220-240V, 50/60Hz						
Cooling[1]	Capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1	8
		kBut/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
		kBut/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						
Airflow rate[3]		m^3/h	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	
Sound pressure level[4]		dB(A)	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	
Unit	Net dimensions[5] (WxHxD)	mm	915x470x200			1133x470x200	1253x566x200		
	Packed dimensions (WxHxD)	mm	985x555x255			1205x555x255	1325x650x255		
	Net/Gross weight	kg	16.3/20.0		16.9/20.7	20.0/24.4	24.3/30.0	26.1/31.8	
Refrigerant type			R410A/R32						
pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7					Φ9.52/Φ15.9	
	Drain piping	mm	OD Φ18.5						

Floor Standing F4/F5(Exposed)

Model name			MIH22F4HN18	MIH28F4HN18	MIH36F4HN18	MIH45F4HN18	MIH56F4HN18	MIH71F4HN18	MIH80F4HN18
Model name			MIH22F5HN18	MIH28F5HN18	MIH36F5HN18	MIH45F5HN18	MIH56F5HN18	MIH71F5HN18	MIH80F5HN18
Power supply			1-phase, 220-240V, 50/60Hz						
Cooling[1]	Capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1	8
		kBut/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
		kBut/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						
		Pa(F5)	0-10						
Airflow rate[3]		m^3/h(F4)	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	1054/1011/992/955/924/889/841	
		m^3/h(F5)	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	
Sound pressure level[4]		dB(A)(F4)	36/35/34.5/34/33/32.5/32		38/37/36/35/34/33/32	43/42/41/40/39/38/37	41.5/41/40/39/38/37/36	46/45.5/45/44/43/42/41	
		dB(A)(F5)	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	35/34.5/34/33/32.5/32/31	39.5/39/38/37/36/35/34	
Unit	Net dimensions[5] (WxHxD)	mm(F4)	1020x495x200		1020x495x200	1240x495x200	1360x591x200		
		mm(F5)	1020x495x200		1020x495x200	1240x495x200	1360x591x200		
	Packed dimensions (WxHxD)	mm(F4)	1125x595x285		1125x595x285	1345x595x285	1465x695x285		
		mm(F5)	1125x595x285		1125x595x285	1345x595x285	1465x695x285		
	Net/Gross weight	kg(F4)	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		21.9/27.6	26.3/32.4	32.1/39.4	33.3/41.1	33.3/41.1
Refrigerant type			R410A/R32						
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7					Φ9.52/Φ15.9	
	Drain piping	mm	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.