



DISCOVER
easyCOMFORT

Midea Group
Midea Building Technologies Division

C-FCU1T202412

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Fan Coil Units

AC FCU / DC FCU

2025

MBT

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

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

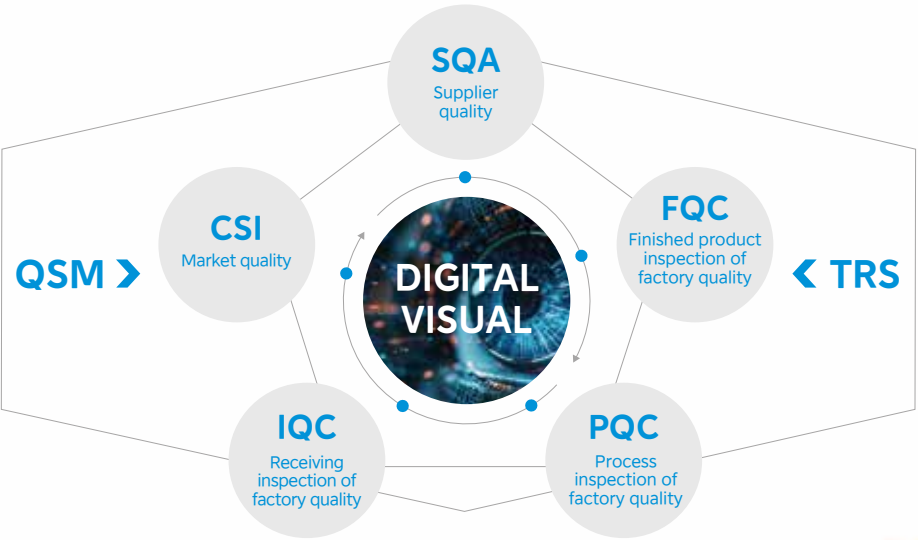
Committed to providing users with intelligent, digital, low carbon overall building solution



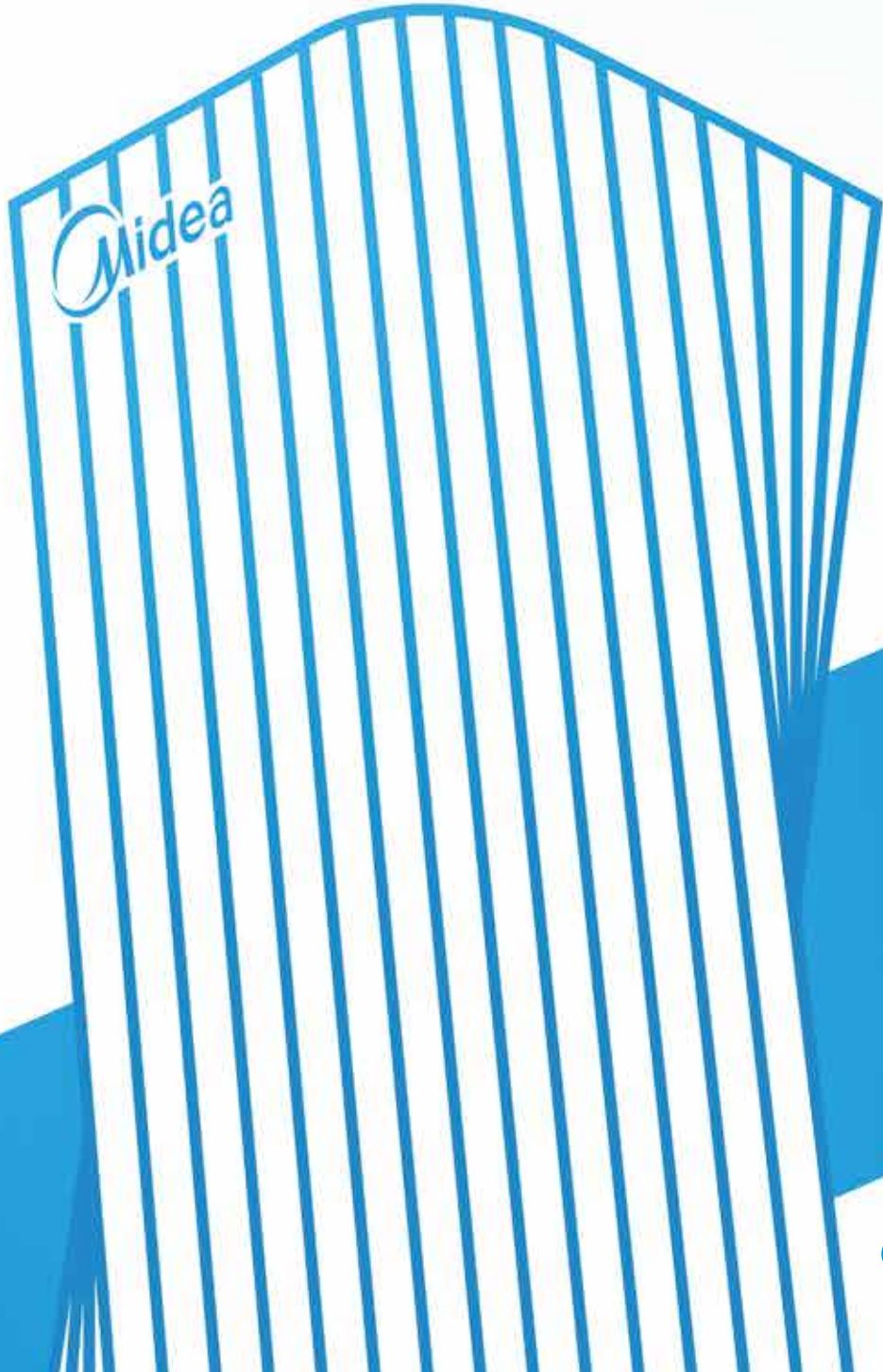
Over 100 testing labs cover a wide range of real application scenarios.



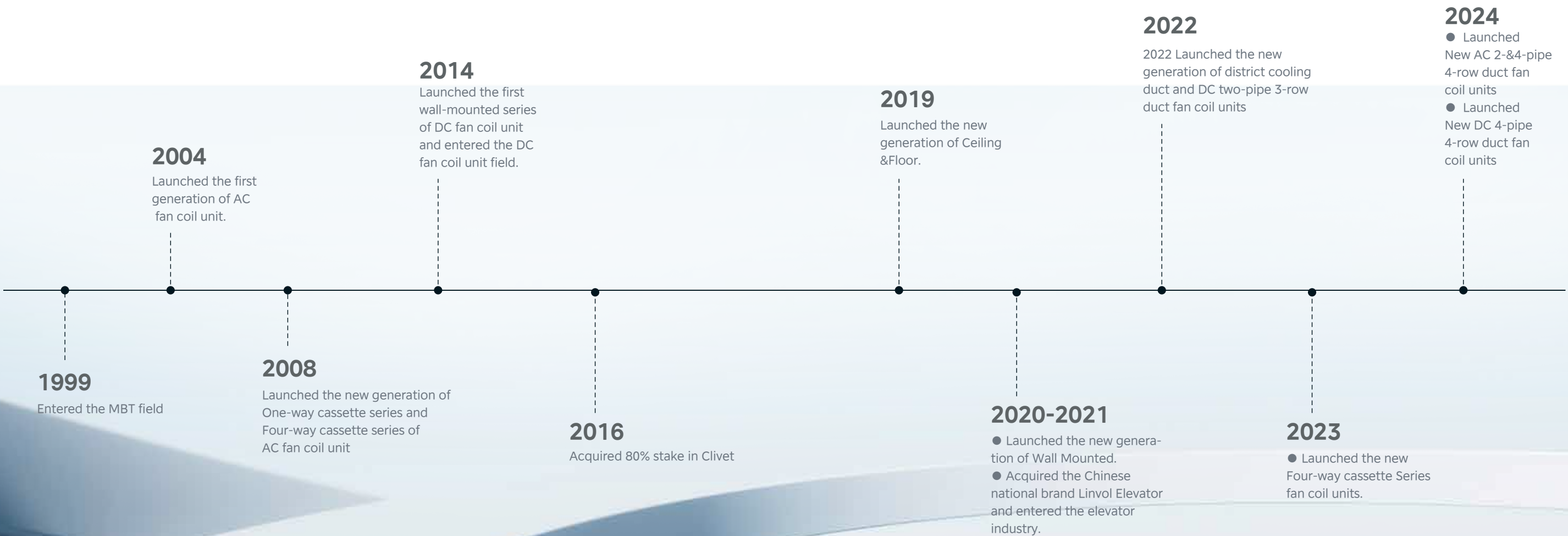
All products can be visualized and digitalized throughout entire process.



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



MIDEA LARGE TONNAGE CHILLER HISTORY



INTERNATIONAL SERVICE MANAGEMENT

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

🔍 > <https://ics.midea.com> 🗣️ 📷



My order

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

Document inquiry and download

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

Technical inquiry & FAQ

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

Troubleshooting

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

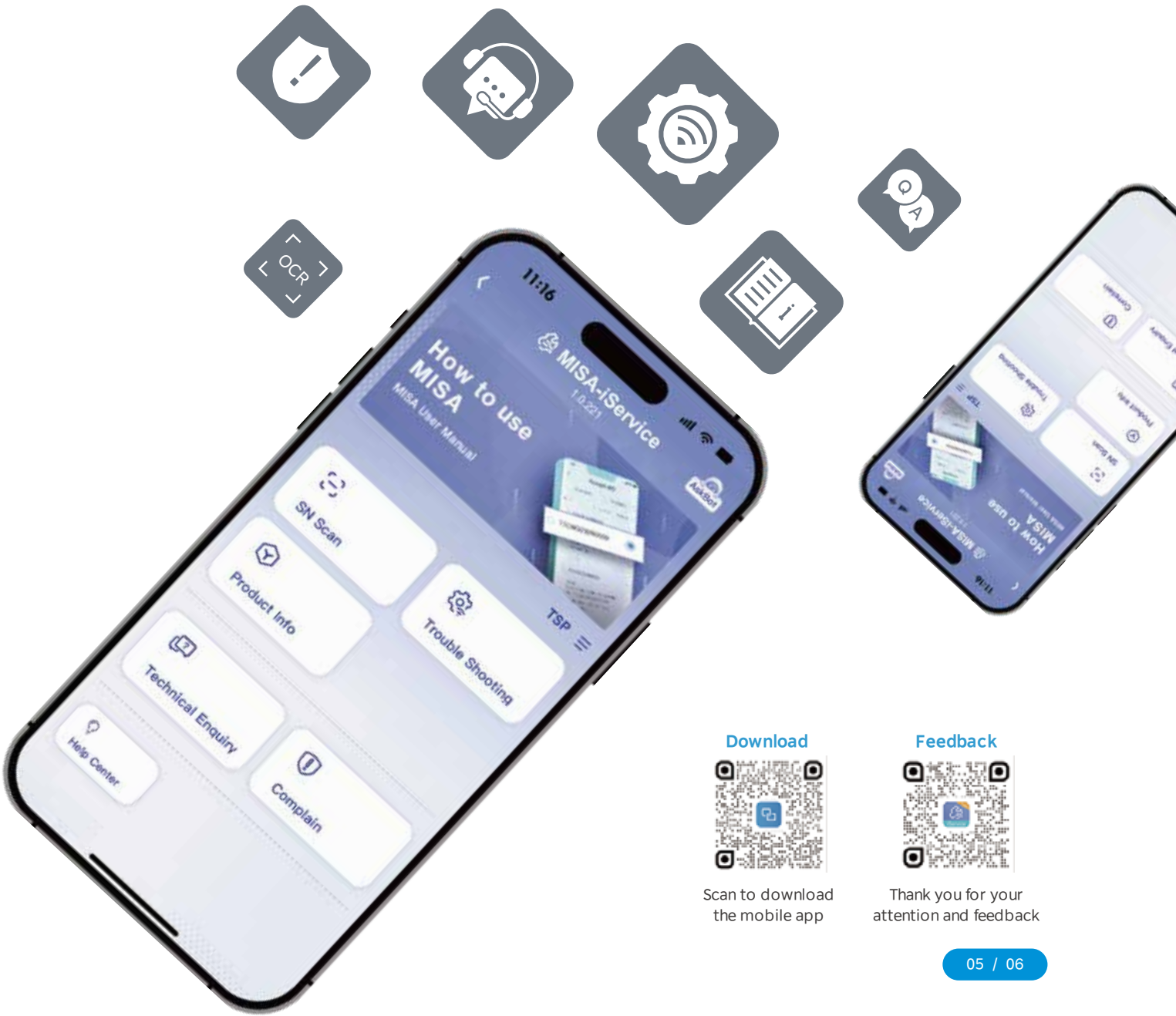
Complain

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

MOBILE INTELLIGENCE SERVICE APP

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

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GLOBAL BULK WAREHOUSE LAYOUT OVERVIEW

Available Spare Parts centers 30

Europe (10):

Italy/Germany/France/UK/Spain/Poland/Hungary/Greece/Turkey/Romania

Asia-Africa (10):

China/Russia/Georgia/UAE/Egypt/Uzbekistan/India/South Africa/Iraq/Qatar

Latin America (5):

Mexico/Puerto Rico/Venezuela/Brazil/Australia

South-East Asia (5):

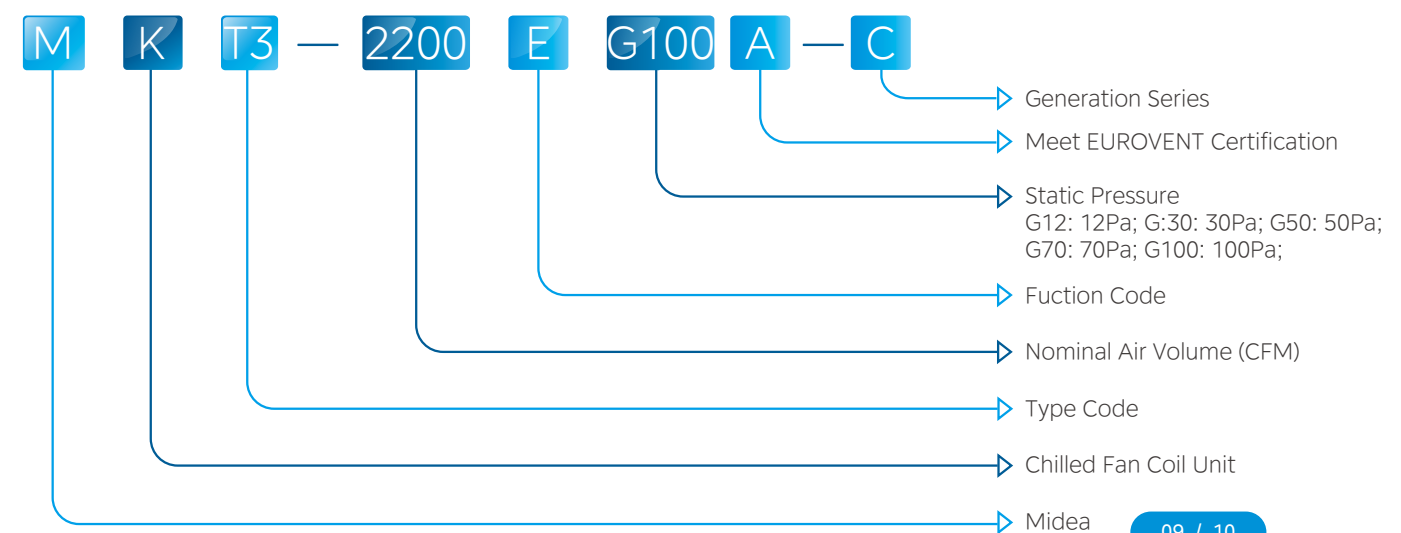
Vietnam/Thailand/Malaysia/Indonesia/Philippines





AC Fan Coil Units

Nomenclature



Product Lineup

Model		150	200	250	300	350	400	450	500	600	700	750
2-Pipe FCUs	1-way cassette				●							
	4-way cassette									●		●
	Compact 4-way cassette				●		●		●			
	Duct		●		●		●		●	●	●	
	High static pressure Duct											
	Wall mounted			●	●		●		●	●		
	2 nd generation Ceiling&floor	●		●		●			●		●	

800	850	900	950	1000	1200	1400	1500	1600	1800	2000	2200
	●		●		●		●				
●				●	●	●			●	●	
●											

Model		100	150	200	250	300	350	400	450	500	600
4-Pipe FCUs	Compact 4-way cassette					●		●		●	
	4-way cassette										●
	Duct			●		●		●		●	●
	2 nd generation Ceiling&floor		●		●		●			●	

700	750	800	850	900	950	1000	1200	1400	1500
	●		●		●		●		●
●		●				●	●	●	
●		●							

AC Series Functions

Functions		
Control Customization	Follow me	With the follow me function, the indoor unit responds to the temperature measured by the temperature sensor built-in the wireless remote controller.
	Anti cold air	Prevent the unit from cold supply air when starting in winter.
	Auto-restart	The unit restarts automatically with the previous settings after power failure.
	Forced fan running	After reaching the set temperature, the valve body closes and the fan operates according to the set logic.
	Heat	Only electric auxiliary heating.
	Temperature compensation	Heating mode: $T2=T1+\Delta T$; Cooling mode: $T2=T1-\Delta T$ T2: Indoor Temperature, T1: Setting Temperature, ΔT : Temperature Compensation
	XYE Port	Communicate with central controllers or BMS.
	PQE Port	Communicate with Modbus.
	CCM18/CCM08/CCM15/BMS/IMM	Central controllers and BMS.
	0-10V output control	By outputting a 0-10 V level, the opening of the valve body is controlled to meet different energy requirements.
Structure Customization	0-10V input control	By inputting a 0-10 V level to PCB, the fan motor speed is controlled to meet different energy requirements.
	Right/Left piping connection	Left and right hand piping connections are optional, flexible installation.
	Electric auxiliary heating	Increase heating capacity with additional electric heater.
	Extended drainage pan	Drainage pan accessory.
	Auxiliary drainage pan	

One-way Cassette	Compact Four-way Cassette	Four-way Cassette	Wall Mounted	2nd Generation Ceiling & Floor	Medium Static Pressure Duct	High Static Pressure Duct
○ (KJR-29B)	○ (KJR-29B)	○ (KJR-29B)	○ (KJR-29B)	×	×	×
●	●	●	●	×	×	×
●	●	●	●	×	×	×
○	✓	✓	✓	×	×	×
×	✓	✓	✓	×	×	×
○	✓	✓	✓	×	×	×
○ (NIM-01)	●	●	●	○ (FCU-kit)	○ (FCU-kit)	○ (FCU-kit)
×	○	○	○	×	×	×
○	●	●	●	○ (FCU-kit)	○ (FCU-kit)	○ (FCU-kit)
×	○	○	○	×	×	×
×	×	×	×	×	×	×
×	×	×	×	●	●	●
×	○	○	○	×	○	○
×	×	×	×	×	○	×
×	○	○	×	○	○	×

● equipped as standard; ○ customization option; × without this function; ✓ switch setting

One-way Cassette



Model: 300 CFM



RM05
Standard



KJR-75A
Optional

Features

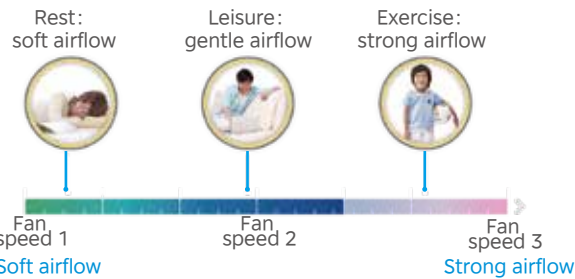
- The Central controllers can be connected through a customized Network Module (MD-NIM01).
- Remote on/off function.
- Optional wired controller (KJR-75A).
- Compact design with 153mm ultra-slim profile.
- Standard built-in drain pump with 750mm pump head.

The compact size of our one-way cassettes makes them ideal for narrow spaces such as aisles, small offices, elevators and other applications.



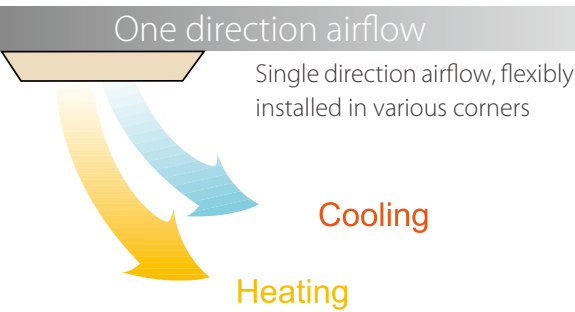
Multiple Fan Speeds

3 fan speed options provide customized comfort to suit a range of indoor conditions.



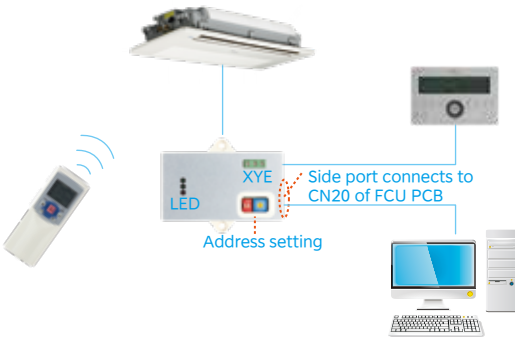
One Direction AirFlow

One direction airflow guarantees quick cooling, flexible installation positioning.



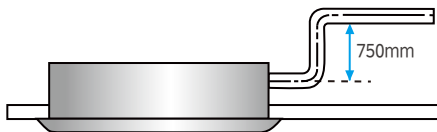
Control solutions

The fan coil units can be connected to Midea central controllers or BMS through the customized network module MD-NIM01.



High-lift Pump

Standard built-in drain pump with 750mm pump head.



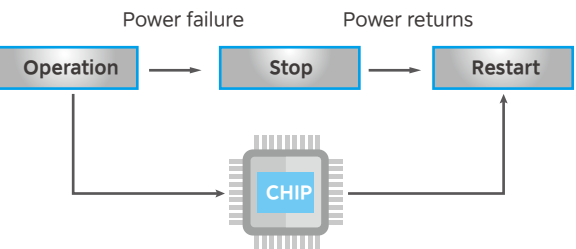
Ultra-slim, 153mm profile

Compact design with a low 153mm profile, ideal for narrow ceiling cavities and small spaces such as lobbies and small meeting rooms.



Auto restart

In the event of a sudden power failure during operation, unit restarts automatically and the unit will operate based on the previous setting (operating mode, temperature setting and fan speed).



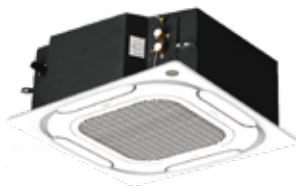
Specifications

One-way Cassette

Model			MKC-300R-BA	
Power supply		V/Ph/Hz	220-240/1/50	
Air flow		H/M/L	m3/h	472/360/297
		H/M/L	CFM	278/212/175
Cooling	Capacity	H/M/L	kW	2.55/1.96/1.63
	Water flow rate	H/M/L	m3/h	0.46/0.35/0.29
	Water pressure drop	H/M/L	kPa	14.34/8.73/6.30
	Power input	H/M/L	W	45/42/41
Heating	Capacity	H/M/L	kW	3.1/2.62/2.26
	Water flow rate	H/M/L	m3/h	0.56/0.47/0.41
	Water pressure drop	H/M/L	kPa	17.99/13.16/9.90
	Power input	H/M/L	W	37/34/33
Sound power level		H/M/L	dB(A)	58/53/49
Current Input		H	A	0.15
Sound pressure level		H/M/L	dB(A)	36/34/32
Fan motor	Type	Low noise 3-speed fan motor		
	Quantity	1		
Fan	Type	Cross fan		
	Quantity	1		
Coil	Row	2		
	Max. Working pressure	MPa	1.6	
	Diameter	mm	Φ7	
Panel	Dimensions	W×H×D	mm	1180x25x465
	Packing	W×H×D	mm	1232x107x517
	Net weight		kg	3.5
	Gross weight		kg	5.2
Body	Dimensions	W×H×D	mm	1054x155x428
	Net weight	*/A	kg	12.8/13.1
	Packing	W×H×D	mm	1155x245x490
	Gross weight	*/A	kg	16.6/17.1
Pipe connection	Water inlet/outlet pipe		inch	G1/2
	Drain pipe		mm	ODΦ25

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB.
3. Noise is tested in a reverberation chamber test room.

Four-way Cassette



Model: 600/750/850/950/1200/1500 CFM



R05
Standard



KJR-29B
Optional

Features

- Standard 4-way air supply panel with optional 360° air supply panel.
- Built-in PCB-regulated drain pump with a high lift capacity of 750mm.
- Remote controller with LED display(standard) with optional wired controller.
- Protective grill for safe maintenance.
- Optional extended drainage pan for ceiling protection.
- Compatible with 0-10V output function(requires customization).
- Available for 2/4 pipe systems.
- Auxiliary electric heater (AEH) availability option (for 2-Pipe 4-Way Cassette).

360° airflow for quick, uniform airflow distribution for wide-angle cooling and heating. Ideal for standard ceilings.



Features

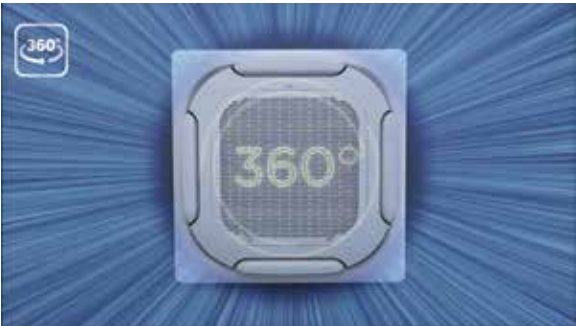
Stylish Panel with Large Airflow Outlet

Our 4-way cassettes include a standard 4-way air supply panel with optional 360° panel.



NEW 360° panel

Innovative round air-flow path design ensures uniform air flow and temperature distribution.



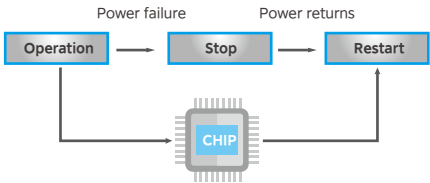
Individual louver control

All four louvers can be independently controlled, letting you create a highly-customized airflow pattern to accommodate unique room conditions.



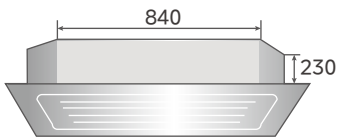
Auto restart

In the event of a power failure during operation, the unit restarts automatically and reverts to the previous settings (operating mode, temperature setting and fan speed).



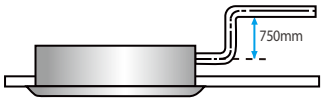
Compact, low-profile design

A low profile height of just 230mm (models 600/750) and 300mm (models 850/1500) easily accommodates installation in standard ceiling cavities.



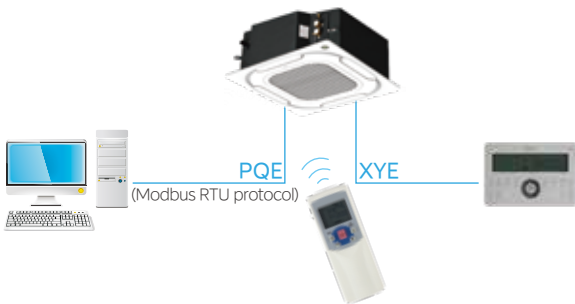
High-lift Drain Pump

A drain pump with a 750mm pump head is fitted as standard, simplifying installation of the drain piping.



Control solutions

The fan coil units can be connected to Midea central controllers through the customized XYE port, and can also be connected to Modbus gateway through the customized PQE port with Modbus RTU protocol.



Specifications

2-Pipe 4-Way Cassette

Model		MKA-600RA	MKA-750RA	MKA-850RA
Power supply		V/ph/Hz		220-240/1/50
Air flow (H/M/L)		m³/h		1241/977/810
		CFM		843/647/556
Cooling	Capacity (H/M/L)	kW		5.58/4.87/4.09
	Water flow rate (H/M/L)	m³/h		1/0.88/0.74
	Water pressure drop (H/M/L)	kPa		30.00/20.11/14.96
Heating	Capacity (H/M/L)	kW		6.67/5.9/5.03
	Water flow rate (H/M/L)	m³/h		1.21/1.07/0.91
	Water pressure drop (H/M/L)	kPa		37.20/23.43/18.04
Power input (H/M/L)		W		140/121/108
Electric heater (AEH)		W		2100
Sound pressure level (H/M/L)		dB(A)		46/42/37
Sound Power level (H/M/L)		dB(A)		58/54/48
Fan motor	Type	Low noise 3-speed fan motor		
	Quantity	1		
Fan	Type	Centrifugal, forward-curved blades		
	Quantity	1		
Coil	Row	2		2
	Max. working pressure	MPa		1.6
	Diameter	mm		Φ7
Panel	Net dimensions (W×H×D)	mm		950×45×950
	Packing size (W×H×D)	mm		1035×90×1035
	Net weight	kg		6
Body	Gross weight	kg		9
	Net dimensions (W×H×D)	mm		840×230×840
	Packing size (W×H×D)	mm		900×260×900
Pipe connections	Net weight (non-AEH/with-AEH)	kg		25/27
	Gross weight (non-AEH/with-AEH)	kg		28/32
	Water inlet/outlet pipe	inch		RC3/4
Drain pipe	mm	OD Φ32		OD Φ32

Model		MKA-950RA	MKA-1200RA	MKA-1500RA
Power supply		V/ph/Hz		220-240/1/50
Air flow (H/M/L)		m³/h		1562/1183/1013
		CFM		1606/1276/1059
Cooling	Capacity (H/M/L)	kW		994/779/642
	Water flow rate (H/M/L)	m³/h		9.68/6.77/7.05
	Water pressure drop (H/M/L)	kPa		1.74/1.22/1.27
Heating	Capacity (H/M/L)	kW		40.00/27.20/25.00
	Water flow rate (H/M/L)	m³/h		10.96/8.9/7.84
	Water pressure drop (H/M/L)	kPa		50.00/35.00/25.00
Power input (H/M/L)		W		190/160/130
Electric heater (AEH)		W		2850
Sound pressure level (H/M/L)		dB(A)		48/44/39
Sound Power level (H/M/L)		dB(A)		72/64/60
Fan motor	Type	Low noise 3-speed fan motor		
	Quantity	1		
Fan	Type	Centrifugal, forward-curved blades		
	Quantity	1		
Coil	Row	2		3
	Max. working pressure	MPa		1.6
	Diameter	mm		Φ7
Panel	Net dimensions (W×H×D)	mm		950×45×950
	Packing size (W×H×D)	mm		1035×90×1035
	Net weight	kg		6
Body	Gross weight	kg		9
	Net dimensions (W×H×D)	mm		840×300×840
	Packing size (W×H×D)	mm		900×330×900
Pipe connections	Net weight (non-AEH/with-AEH)	kg		30.5/33
	Gross weight (non-AEH/with-AEH)	kg		36.2/39
	Water inlet/outlet pipe	inch		RC3/4
Drain pipe	mm	OD Φ32		OD Φ32

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB.
3. Noise is tested in a reverberation chamber test room.
4. Electric heater is optional.

Specifications

4-Pipe 4-Way Cassette

Model			MKA-600FA	MKA-750FA	MKA-850FA
Power supply		V/ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	1123/749/587	1249/853/671	1304/1041/934
		CFM	661/441/345	735/502/395	767/612/549
Cooling	Capacity (H/M/L)	kW	4.14/3.63/2.97	4.43/3.72/3.07	4.73/3.97/3.61
	Water flow rate (H/M/L)	m³/h	0.74/0.65/0.53	0.8/0.67/0.55	0.85/0.71/0.65
	Water pressure drop (H/M/L)	kPa	20/13/10	20.4/15/15	25/20/15
Heating	Capacity (H/M/L)	kW	5.99/4.56/3.77	6.14/4.64/3.93	6.21/5.2/4.8
	Water flow rate (H/M/L)	m³/h	0.55/0.42/0.35	0.56/0.43/0.36	0.57/0.48/0.44
	Water pressure drop (H/M/L)	kPa	25.00/20.00/16.00	40.00/25.00/20.00	44.98/35.00/28.10
Power input (H/M/L)		W	133/89/68	180/95/72	187/161/144
Sound pressure level (H/M/L)		dB(A)	42/32/26	43/34/28	46/36/30
Sound Power level (H/M/L)		dB(A)	56/45/43	63/51/45	64/52/51
Fan motor	Type	Low noise 3-speed fan motor			
	Quantity		1	1	1
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity		1	1	1
Coil	Row		2	2	2
	Max. working pressure	MPa	1.6	1.6	1.6
Panel	Diameter	mm	Φ7	Φ7	Φ7
	Net dimensions (W×H×D)	mm	950×45×950	950×45×950	950×45×950
	Packing size (W×H×D)	mm	1035×90×1035	1035×90×1035	1035×90×1035
	Net weight	kg	6	6	6
Body	Gross weight	kg	9	9	9
	Net dimensions (W×H×D)	mm	840×300×840	840×300×840	840×300×840
	Packing size (W×H×D)	mm	900×330×900	900×330×900	900×330×900
	Net weight	kg	29.1	35	29.1
Pipe connections	Gross weight	kg	34.6	41	34.6
	Water inlet/outlet pipe	inch	Cold water: RC3/4; Hot water: RC1/2		
	Drain pipe	mm	ODΦ32	ODΦ32	ODΦ32

Model			MKA-950FA	MKA-1200FA	MKA-1500FA
Power supply		V/ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	1339/1112/1001	1618/1359/1053	1681/1457/1117
		CFM	787/654/589	952/800/620	989/857/657
Cooling	Capacity (H/M/L)	kW	4.96/4.25/3.88	7.33/6.36/5.48	8.86/7.29/6.37
	Water flow rate (H/M/L)	m³/h	0.89/0.76/0.7	1.32/1.14/0.99	1.6/1.31/1.15
	Water pressure drop (H/M/L)	kPa	35/20/15	40/35/30	45.2/35/29.5
Heating	Capacity (H/M/L)	kW	6.5/5.34/4.96	8.76/7.76/6.98	10.34/7.91/7.5
	Water flow rate (H/M/L)	m³/h	0.6/0.49/0.46	0.8/0.71/0.64	0.95/0.73/0.69
	Water pressure drop (H/M/L)	kPa	43.91/33.59/29.43	52.91/42.36/36.00	53.40/40.89/33.70
Power input (H/M/L)		W	190/155/141	197/155/130	273/237/190
Sound pressure level (H/M/L)		dB(A)	47/38/32	48/40/34	50/42/36
Sound Power level (H/M/L)		dB(A)	65/56/52	67/59/54	69/59/52
Fan motor	Type	Low noise 3-speed fan motor			
	Quantity		1	1	1
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity		1	1	1
Coil	Row		2	3	3
	Max. working pressure	MPa	1.6	1.6	1.6
Panel	Diameter	mm	Φ7	Φ7	Φ7
	Net dimensions (W×H×D)	mm	950×45×950	950×45×950	950×45×950
	Packing size (W×H×D)	mm	1035×90×1035	1035×90×1035	1035×90×1035
	Net weight	kg	6	6	6
Body	Gross weight	kg	9	9	9
	Net dimensions (W×H×D)	mm	840×300×840	840×300×840	840×300×840
	Packing size (W×H×D)	mm	900×330×900	900×330×900	900×330×900
	Net weight	kg	35	31.4	38
Pipe connections	Gross weight	kg	41	36.8	44
	Water inlet/outlet pipe	inch	Cold water: RC3/4; Hot water: RC1/2		
	Drain pipe	mm	ODΦ32	ODΦ32	ODΦ32

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 65°C, leaving water 55°C, Entering air temperature 20°C DB.
3. Noise is tested in a reverberation chamber test room.

Compact Four-way Cassette



Model: 300/400/500 CFM



R51
Standard



KJR-29B
Optional

Features

- Standard 360° air supply panel.
- Built-in PCB-regulated drain pump with a high lift capacity of 500mm.
- Remote controller with LED display (standard) with optional wired controller.
- Protective grill for safe maintenance.
- Optional extended drainage pan for ceiling protection.
- Compatible with 0-10V output function (requires customization).
- Available for 2/4 pipe systems.
- AEH availability option (for 2-Pipe Compact 4-Way Cassette).

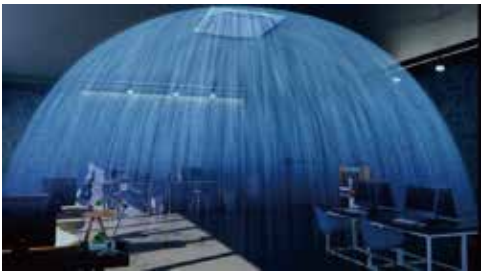
Compact design allows installation in shallow ceilings.



Features

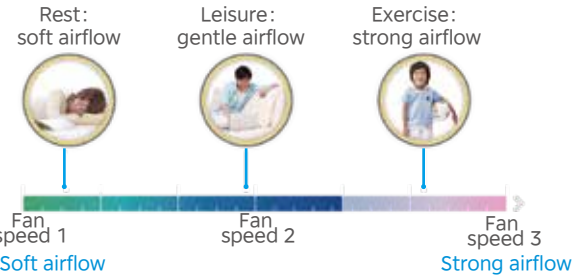
360 ° Airflow

The Compact Four-way Cassette's 360 ° air outlets provide strong airflow circulation to cool or heat every corner of a room and evenly control temperature.



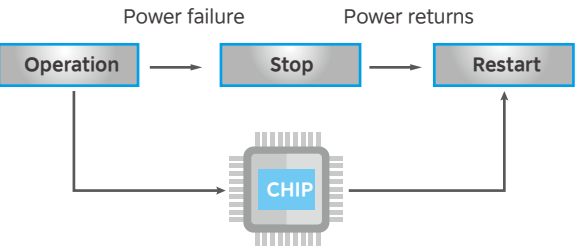
Multiple Fan Speeds

3 fan speed options provide customized comfort to suit a range of indoor conditions.



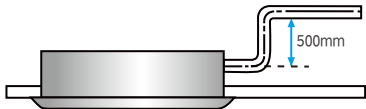
Auto restart

In the event of a power failure during operation, the unit restarts automatically and reverts to the previous settings (operating mode, temperature setting and fan speed).



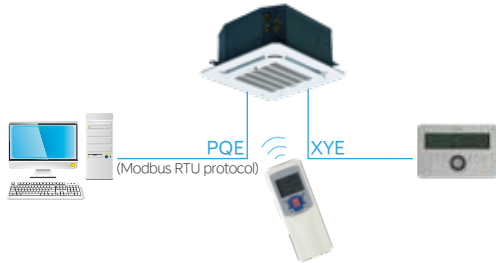
High-lift Drain Pump

A drain pump with a 500mm pump head is fitted as standard, simplifying installation of the drain piping.



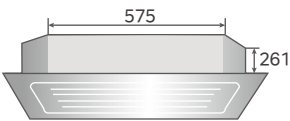
Control solutions

The fan coil units can be connected to Midea centralized controllers through the customized XYE port, also can be connected to Modbus gateway through the customized PQE port with Modbus RTU protocol.

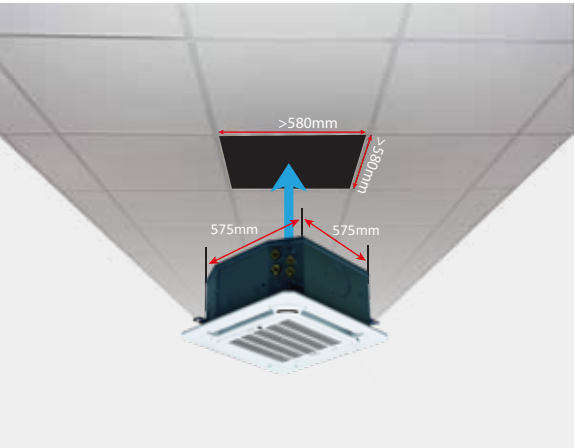


Compact, low-profile design

Our Compact Four-way Cassettes feature an ultra-low height of just 261mm making them ideal for installation in standard ceiling cavities.



A small overall size of 575mm x 575mm lets them easily fit into a standard 585mm ceiling grid.



Specifications

2-Pipe 4-Way Cassette

Model			MKD-300A	MKD-400A	MKD-500A
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	478/375/283	625/499/392	756/535/423
		CFM	281/221/167	368/294/231	445/315/249
Cooling	Capacity (H/M/L)	kW	2.5/2.02/1.61	3.09/2.52/2.08	4.06/3.2/2.52
	Water flow rate(H/M/L)	m3/h	0.45/0.36/0.29	0.56/0.45/0.37	0.73/0.58/0.45
	Water pressure drop(H/M/L)	kPa	15/15/10	15/15/10	20/15/10
Heating	Capacity (H/M/L)	kW	2.92/2.41/1.9	3.59/2.98/2.51	4.57/3.48/2.73
	Water flow rate(H/M/L)	m³/h	0.53/0.44/0.34	0.65/0.54/0.46	0.83/0.63/0.5
	Water pressure drop(H/M/L)	kPa	15.4/15/10	20/15/10	20/15/15
Power input (H/M/L)		W	50/40/32	70/52/40	92/56/41
Auxiliary electric heater (AEH)		W	1000	1000	1000
Sound pressure level(H/M/L)		dB(A)	36/33/28	42/39/32	45/42/34
Sound power level (H/M/L)		dB(A)	54/47/41	59/52/46	63/56/48
Fan motor	Type	Low noise 3-speed fan motor			
	Quantity		1	1	1
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity		1	1	1
Coil	Row		2	2	2
	Max. working pressure	MPa	1.6	1.6	1.6
	Diameter	mm	Φ7	Φ7	Φ7
Panel	Net dimensions (W×H×D)	mm	647×50×647	647×50×647	647×50×647
	Packing size (W×H×D)	mm	715×123×715	715×123×715	715×123×715
	Net weight	kg	2.5	2.5	2.5
	Gross weight	kg	4.5	4.5	4.5
Body	Net dimensions (W×H×D)	mm	575×261×575	575×261×575	575×261×575
	Packing size (W×H×D)	mm	670×290×670	670×290×670	670×290×670
	Net weight	kg	16.5	16.5	16.5
	Gross weight	kg	20	20	20
Pipe connections	Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4
	Drain pipe	mm	ODΦ25	ODΦ25	ODΦ25

4-Pipe Compact 4-Way Cassette

Model			MKD-300SA	MKD-400SA	MKD-500SA
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	493/385/295	608/475/375	724/542/430
		CFM	290/226/174	358/279/221	426/319/253
Cooling	Capacity (H/M/L)	kW	2.18/1.78/1.48	2.39/2.2/1.61	2.59/2.26/1.81
	Water flow rate (H/M/L)	m3/h	0.39/0.32/0.27	0.43/0.4/0.29	0.47/0.41/0.33
	Water pressure drop (H/M/L)	kPa	25/20/20	20/20/13	25/20/15
Heating	Capacity (H/M/L)	kW	2.91/2.42/1.97	3.5/2.91/2.43	3.96/3.17/2.73
	Water flow rate (H/M/L)	m³/h	0.27/0.22/0.18	0.32/0.27/0.22	0.36/0.29/0.25
	Water pressure drop (H/M/L)	kPa	25/20/15	30/25/20	30/30/25
Power input (H/M/L)		W	50/40/32	70/50/35	93/56/41
Sound pressure level (H/M/L)		dB(A)	36/33/28	42/39/32	45/42/34
Sound power level (H/M/L)		dB(A)	54/47/41	59/52/46	63/56/48
Fan motor	Type	Low noise 3-speed fan motor			
	Quantity		1	1	1
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity		1	1	1
Coil	Row		2	2	2
	Max. working pressure	MPa	1.6	1.6	1.6
	Diameter	mm	Φ7	Φ7	Φ7
Panel	Net dimensions (W×H×D)	mm	647×50×647	647×50×647	647×50×647
	Packing size (W×H×D)	mm	715×123×715	715×123×715	715×123×715
	Net weight	kg	2.5	2.5	2.5
	Gross weight	kg	4.5	4.5	4.5
Body	Net dimensions (W×H×D)	mm	575×261×575	575×261×575	575×261×575
	Packing size (W×H×D)	mm	670×290×670	670×290×670	670×290×670
	Net weight	kg	16.5	16.5	16.5
	Gross weight	kg	20	20	20
Pipe connections	Water inlet/outlet pipe	inch	Cold water: G3/4; Hot water: G1/2		
	Drain pipe	mm	ODΦ25	ODΦ25	ODΦ25

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 65°C, leaving water 55°C, Entering air temperature 20°C DB.
3. Heating mode(1): (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C.
4. Noise is tested in a reverberation chamber test room.

Duct series

Features



Model: 200/300/400/500/600/700/800/
1000/1200/1400/1600/1800/2000 CFM



RM05+FCU KIT
Optional
KJRP-86I/MFK-E (Optional)
KJRP-86I/MFKS-E (Optional)
KJRP-86A/BMFKND-E (Optional)

Features

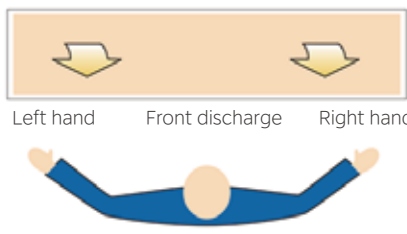
- 3 or 4 row for 2-pipe system and 4 row for 4-pipe system.
- Wide variety of models including standard, A4 and large temperature difference type.
- Washable filter: Iron frame filter is standard, with optional aluminum frame (requires customization).
- Compatible with both rear air returns (standard) and bottom returns (optional).
- Left or right hand piping connections are designed to be easily changed in the field.
- Optional AEH.
- Can be configured without air return box (optional).
- Compatible with V8 controllers.

Slim, compact design with ducted air distribution. Ideal for limited spaces.



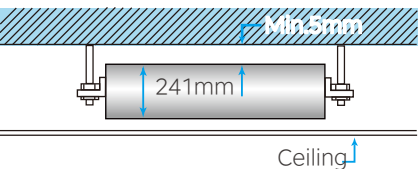
Flexible Installation

Piping can be connected from either the left or right side of the unit, offering greater installation flexibility.



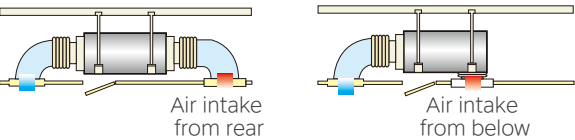
Compact Size

A low, 241mm profile allows for installation in tight spaces.



Flexible Air Inlet Port Installation

The air inlet can be located on either the underside or rear of the unit to accommodate differing installation scenarios.

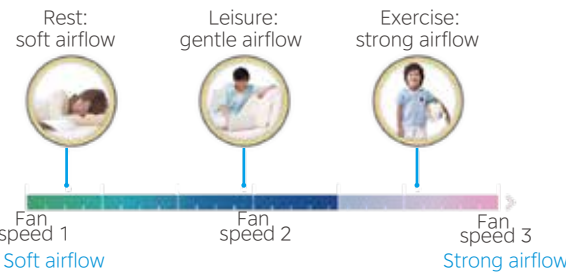


An optional extended water pan protects the ceiling from excess moisture.



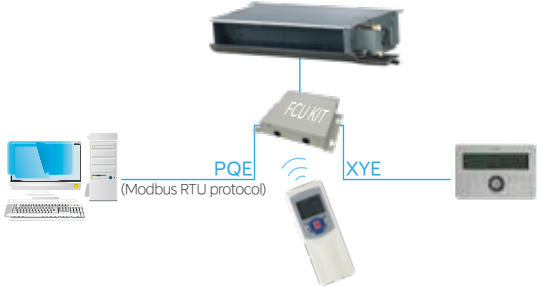
Multiple Fan Speeds

3 fan speed options provide customized comfort to suit a range of indoor conditions.



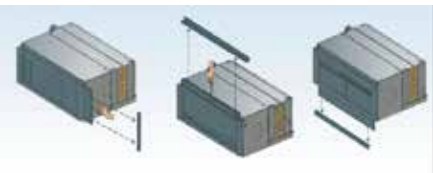
Control solutions

The duct series can be controlled using the wired controller or with a centralized controller or BMS when customized with the FCU KIT.

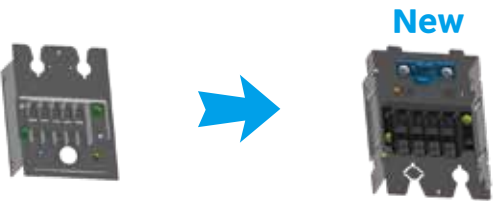


Washable filter

An iron-framed filter is standard. Optional aluminum frame is also available (requires customization). Air outlet flange and multi-direction pull-out filter is available with customization.

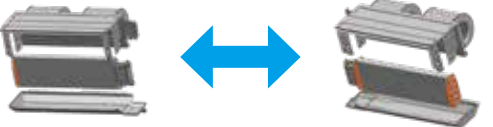


New MKT-C duct



Flexible Installation

Left or right hand connections can be changed on site, including piping and wiring.



Deeper water tray

The high-capacity water tray prevents excess condensation from overflowing in inclined installations, high-humidity areas, and other extreme conditions, greatly enhancing reliability.



Specifications

3-Row Duct

Model name			MKT3-200G12-CL	MKT3-300G12-CL	MKT3-400G12-CL	MKT3-500G12-CL	MKT3-600G12-CL
Power supply		V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)		m³/h	340/257/172	510/384/256	680/516/344	850/643/429	1020/784/523
		CFM	200/151/101	300/226/151	400/303/202	500/379/252	600/461/308
Standard external static pressure		Pa	12	12	12	12	12
Cooling	Capacity (H/M/L)	kW	2.35/2.00/1.50	3.40/2.90/2.21	4.41/3.77/2.90	5.00/4.27/3.36	6.00/5.16/4.06
	Water flow rate (H/M/L)	m³/h	0.40/0.34/0.26	0.58/0.50/0.38	0.76/0.65/0.50	0.86/0.73/0.58	1.03/0.89/0.70
	Water pressure (H/M/L)	kPa	24/20/15	24/19/14	24/21/16	30/23/18	38/28/25
Heating	Capacity (H/M/L)	kW	3.90/3.09/2.15	5.67/4.52/3.18	7.35/5.89/4.19	8.60/6.93/5.03	9.98/8.14/5.96
	Water flow rate (H/M/L)	m³/h	0.66/0.53/0.37	0.96/0.77/0.54	1.25/1.00/0.71	1.46/1.18/0.86	1.70/1.38/1.01
	Water pressure (H/M/L)	kPa	20/16/12	20/16/12	20/17/13	24/19/15	31/23/20
Power input(H/M/L)		W	36/25/23	50/28/23	60/47/39	74/69/53	93/68/56
Auxiliary electric heater(AEH)		W	500	600	1000	1000	1500
Sound pressure level(H/M/L)		dB(A)	35/26.5/23.5	39/27.5/26	41/30.5/24	43/34/28.5	45/36.6/31
Current input(H/M/L)		A	0.16/0.11/0.10	0.23/0.13/0.10	0.27/0.21/0.18	0.34/0.31/0.24	0.42/0.31/0.25
Fan motor	Type	Low noise 3-speed fan motor					
	Quantity		1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity		1	2	2	2	2
Coil	Row		3	3	3	3	3
	MAX. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	7	7	7	7	7
Dimensions (W×H×D)	CB	mm	632×243×482	773×243×482	908×243×482	908×243×482	1003×243×482
Packing size (W×H×D)	CB	mm	698×270×520	843×270×520	978×270×520	978×270×520	1073×270×520
Net weight	CB	kg	12.3	14.7	17.6	17.6	18.8
Gross weight	CB	kg	14.4	16.9	20.2	20.2	21.5
Water inlet/outlet pipe		inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4
Drain pipe		inch	R3/4	R3/4	R3/4	R3/4	R3/4

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room in accordance with GB/T19232 standard when the unit is without accessories and running in dry condition. The background noise is 17.5dB (A);
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. "CC" means that the parameter is tested without air return box; "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left and right unit can be changed in the field, but cooling and heating capacity should be multiplied with correction factot 0.9;
9. The performance data on above sheet was tested under 220V~50Hz;

Specifications

3-Row Duct

Model name			MKT3-700G12-CL	MKT3-800G12-CL	MKT3-1000G12-CL	MKT3-1200G12-CL	MKT3-1400G12-CL
Power supply		V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)		m³/h	1150/866/578	1360/1031/687	1650/1247/831	2040/1544/1029	2380/1785/1190
		CFM	677/510/340	800/607/404	971/734/489	1200/909/606	1400/1051/700
Standard external static pressure		Pa	12	12	12	12	12
Cooling	Capacity (H/M/L)	kW	7.05/6.00/4.68	8.03/6.87/5.40	9.00/7.84/6.17	11.20/9.75/7.67	13.00/11.30/8.90
	Water flow rate (H/M/L)	m³/h	1.21/1.03/0.80	1.38/1.18/0.93	1.55/1.35/1.06	1.93/1.68/1.32	2.24/1.94/1.53
	Water pressure (H/M/L)	kPa	28/22/18	40/31/25	38/30/22	40/32/24	50/39/31
Heating	Capacity (H/M/L)	kW	11.71/9.39/6.81	13.61/10.98/8.02	15.61/12.82/9.36	19.21/15.78/11.53	22.17/18.23/13.37
	Water flow rate (H/M/L)	m³/h	1.99/1.60/1.16	2.31/1.87/1.36	2.65/2.18/1.59	3.27/2.68/1.96	4.62/3.10/2.27
	Water pressure (H/M/L)	kPa	23/18/15	32/25/20	31/24/18	32/26/20	40/32/25
Power input(H/M/L)		W	112/97/80	130/114/95	147/118/94	183/133/112	221/177/140
Auxiliary electric heater(AEH)		W	1500	2000	2000	2500	2500
Sound pressure level(H/M/L)		dB(A)	46/38/30	46/39.1/30	48/40.7/33	50/42.6/33	52/47.1/34
Current input(H/M/L)		A	0.51/0.44/0.36	0.59/30.52/0.43	0.67/0.54/0.43	0.83/0.60/0.51	1.00/0.80/0.64
Fan motor	Type	Low noise 3-speed fan motor					
	Quantity		1	1	1	2	2
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity		2	3	3	4	4
Coil	Row		3	3	3	3	3
	MAX. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	7	7	7	7	7
Dimensions (W×H×D)	CB	mm	1178×243×482	1368×243×482	1368×243×482	1658×243×482	1898×243×482
Packing size (W×H×D)	CB	mm	1248×270×520	1438×270×520	1438×270×520	1728×270×520	1968×270×520
Net weight	CB	kg	21.4	25.5	26	33.8	35.3
Gross weight	CB	kg	24.5	29.1	29.7	39.5	39.8
Water inlet/outlet pipe		inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4
Drain pipe		inch	R3/4	R3/4	R3/4	R3/4	R3/4

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room in accordance with GB/T19232 standard when the unit is without accessories and running in dry condition. The background noise is 17.5dB (A);
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. "CC" means that the parameter is tested without air return box; "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left and right unit can be changed in the field, but cooling and heating capacity should be multiplied with correction factot 0.9;
9. The performance data on above sheet was tested under 220V~50Hz;

Specifications

3-Row Duct

Model name			MKT3-200G30-CL	MKT3-300G30-CL	MKT3-400G30-CL	MKT3-500G30-CL	MKT3-600G30-CL
Power supply		V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)		m³/h	340/257/172	510/384/256	680/516/344	850/643/429	1020/784/523
		CFM	200/151/101	300/226/151	400/303/202	500/379/252	600/461/308
Standard external static pressure		Pa	30	30	30	30	30
Cooling	Capacity (H/M/L)	kW	2.50/2.10/1.56	3.40/2.90/2.21	4.41/3.77/2.90	5.00/4.27/3.36	6.00/5.16/4.06
	Water flow rate (H/M/L)	m³/h	0.43/0.36/0.27	0.58/0.50/0.38	0.76/0.65/0.50	0.86/0.73/0.58	1.03/0.89/0.70
	Water pressure (H/M/L)	kPa	27/24/19	24/19/14	24/21/16	30/23/18	38/28/25
Heating	Capacity (H/M/L)	kW	4.10/3.20/2.20	5.67/4.52/3.18	7.35/5.89/4.19	8.60/6.93/5.03	9.98/8.14/5.96
	Water flow rate (H/M/L)	m³/h	0.70/0.54/0.37	0.96/0.77/0.54	1.25/1.00/0.71	1.46/1.18/0.86	1.70/1.38/1.01
	Water pressure (H/M/L)	kPa	22/20/16	20/16/12	20/17/13	24/19/15	31/23/20
Power input (H/M/L)		W	42/36/29	57/40/32	70/47/40	83/67/56	102/78/64
Auxiliary electric heater (AEH)		W	500	600	1000	1000	1500
Sound pressure level (H/M/L)		dB(A)	37/30/23	40.5/33/26	40.5/34/26	42/36/27	43/37/27
Current input(H/M/L)		A	0.19/0.16/0.13	0.26/0.18/0.15	0.32/0.21/0.18	0.38/0.30/0.25	0.46/0.35/0.29
Fan motor	Type	Low noise 3-speed fan motor					
	Quantity		1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity		1	1	2	2	2
Coil	Row		3	3	3	3	3
	MAX. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	7	7	7	7	7
Dimensions (W×H×D)	CB	mm	632×243×482	773×243×482	908×243×482	908×243×482	1003×243×482
Packing size (W×H×D)	CB	mm	698×270×520	843×270×520	978×270×520	978×270×520	1073×270×520
Net weight	CB	kg	12.3	14.7	17.6	17.6	18.8
Gross weight	CB	kg	14.4	16.9	20.2	20.2	21.5
Water inlet/outlet pipe		inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4
Drain pipe		inch	R3/4	R3/4	R3/4	R3/4	R3/4

Model name			MKT3-700G30-CL	MKT3-800G30-CL	MKT3-1000G30-CL	MKT3-1200G30-CL	MKT3-1400G30-CL
Power supply		V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)		m³/h	1190/896/598	1360/1031/687	1700/1284/856	2040/1544/1029	2380/1785/1190
		CFM	700/528/352	800/607/404	1000/756/504	1200/909/606	1400/1051/700
Standard external static pressure		Pa	30	30	30	30	30
Cooling	Capacity (H/M/L)	kW	7.20/6.13/4.79	8.03/6.87/5.40	9.27/8.08/6.35	11.20/9.75/7.67	13.00/11.30/8.90
	Water flow rate (H/M/L)	m³/h	1.24/1.05/0.82	1.38/1.18/0.93	1.59/1.39/1.09	1.93/1.68/1.32	2.24/1.94/1.53
	Water pressure (H/M/L)	kPa	30/23/20	40/31/25	40/31/23	40/32/24	50/39/31
Heating	Capacity (H/M/L)	kW	12.00/9.66/7.01	13.60/10.98/8.02	16.00/13.16/9.61	19.20/15.78/11.53	22.20/18.23/13.37
	Water flow rate (H/M/L)	m³/h	2.04/1.64/1.19	2.31/1.87/1.36	2.72/2.24/1.63	3.26/2.68/1.96	3.77/3.10/2.27
	Water pressure (H/M/L)	kPa	24/19/16	32/25/20	32/25/19	32/26/20	40/32/25
Power input (H/M/L)		W	121/88/72	135/100/80	169/149/133	206/157/126	245/179/145
Auxiliary electric heater (AEH)		W	1500	2000	2000	2500	2500
Sound pressure level (H/M/L)		dB(A)	46/39/31	44.5/40/33	47/42/35	48/42/35	49.5/43/36
Current input (H/M/L)		A	0.55/0.40/0.33	0.61/0.45/0.36	0.77/0.68/0.60	0.94/0.71/0.57	1.11/0.81/0.66
Fan motor	Type	Low noise 3-speed fan motor					
	Quantity		1	1	1	2	2
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity		2	3	3	4	4
Coil	Row		3	3	3	3	3
	MAX. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	7	7	7	7	7
Dimensions (W×H×D)	CB	mm	1178×243×482	1368×243×482	1368×243×482	1658×243×482	1898×243×482
Packing size (W×H×D)	CB	mm	1248×270×520	1438×270×520	1438×270×520	1728×270×520	1968×270×520
Net weight	CB	kg	21.4	25.5	26	33.8	37.0
Gross weight	CB	kg	24.5	29.1	29.7	39.5	41.5
Water inlet/outlet pipe		inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4
Drain pipe		inch	R3/4	R3/4	R3/4	R3/4	R3/4

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room in accordance with GB/T19232 standard when the unit is without accessories and running in dry condition. The background noise is 17.5dB (A);
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. "CC" means that the parameter is tested without air return box; "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left and righ unit can be changed in the field, but cooling and heating capacity should be multiplied with correction factot 0.9;
9. The performance data on above sheet was tested under 220V~50Hz;

Specifications

3-Row Duct

Model name			MKT3-200G50-CL	MKT3-300G50-CL	MKT3-400G50-CL	MKT3-500G50-CL	MKT3-600G50-CL
Power supply		V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)		m³/h	340/257/172	510/385/257	680/516/344	850/643/429	1020/799/533
		CFM	200/151/101	300/226/151	400/303/202	500/379/252	600/470/313
Standard external static pressure		Pa	50	50	50	50	50
Cooling	Capacity (H/M/L)	kW	2.50/2.10/1.56	3.40/2.90/2.20	4.41/3.77/2.90	5.00/4.27/3.36	6.00/5.19/4.08
	Water flow rate (H/M/L)	m³/h	0.43/0.36/0.27	0.58/0.50/0.38	0.76/0.65/0.50	0.86/0.73/0.58	1.03/0.89/0.70
	Water pressure (H/M/L)	kPa	27/24/19	24/19/14	24/21/16	30/23/18	38/28/25
Heating	Capacity (H/M/L)	kW	4.10/3.20/2.20	5.67/4.52/3.17	7.35/5.89/4.19	8.60/6.93/5.03	9.98/8.19/6.01
	Water flow rate (H/M/L)	m³/h	0.70/0.54/0.37	0.96/0.77/0.54	1.25/1.00/0.71	1.46/1.18/0.86	1.70/1.38/1.01
	Water pressure (H/M/L)	kPa	22/20/16	20/16/12	20/17/13	24/19/15	31/23/20
Power input (H/M/L)		W	48/38/31	64/50/38	81/64/57	97/65/55	114/85/76
Auxiliary electric heater (AEH)		W	500	600	1000	1000	1500
Sound pressure level (H/M/L)		dB(A)	40/32/24	42/34/31	44/37/33	46/40/33	47/42/33
Current input (H/M/L)		A	0.22/0.17/0.14	0.29/0.23/0.17	0.37/0.29/0.26	0.44/0.30/0.25	0.52/0.39/0.35
Fan motor	Type	Low noise 3-speed fan motor					
	Quantity	1		1	1	1	
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	1		2	2	2	
Coil	Row	3		3	3	3	
	MAX. working pressure	MPa	1.6	1.6	1.6	1.6	
	Diameter	mm	7	7	7	7	
Dimensions (W×H×D)	CB	mm	632×243×482	773×243×482	908×243×482	908×243×482	1003×243×482
Packing size (W×H×D)	CB	mm	698×270×520	843×270×520	978×270×520	978×270×520	1073×270×520
Net weight	CB	kg	12.3	14.7	17.6	17.6	18.8
Gross weight	CB	kg	14.4	16.9	20.2	20.2	21.5
Water inlet/outlet pipe		inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4
Drain pipe		inch	R3/4	R3/4	R3/4	R3/4	R3/4

Model name			MKT3-700G50-CL	MKT3-800G50-CL	MKT3-1000G50-CL	MKT3-1200G50-CL	MKT3-1400G50-CL
Power supply		V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)		m³/h	1190/896/598	1360/1031/687	1700/1284/856	2040/1544/1029	2380/1791/1194
		CFM	700/528/352	800/607/404	1000/756/504	1200/909/606	1400/1054/703
Standard external static pressure		Pa	50	50	50	50	50
Cooling	Capacity (H/M/L)	kW	7.20/6.13/4.79	8.03/6.87/5.40	9.27/8.08/6.35	11.20/9.75/7.67	13.00/11.30/8.91
	Water flow rate (H/M/L)	m³/h	1.24/1.05/0.82	1.38/1.18/0.93	1.59/1.39/1.09	1.93/1.68/1.32	2.24/1.94/1.53
	Water pressure (H/M/L)	kPa	30/23/20	40/31/25	40/31/23	40/32/24	50/39/31
Heating	Capacity (H/M/L)	kW	12.00/9.66/7.01	13.60/10.98/8.02	16.00/13.16/9.61	19.20/15.78/11.53	22.16/18.25/13.39
	Water flow rate (H/M/L)	m³/h	2.04/1.64/1.19	2.31/1.87/1.36	2.72/2.24/1.63	3.26/2.68/1.96	3.77/3.10/2.27
	Water pressure (H/M/L)	kPa	24/19/16	32/25/20	32/25/19	32/26/20	40/32/25
Power input (H/M/L)		W	131/110/80	169/122/83	204/141/125	243/173/128	291/259/221
Auxiliary electric heater(AEH)		W	1500	2000	2000	2500	2500
Sound pressure level (H/M/L)		dB(A)	48/43/37	50/39/36	51/45/40	52/46/40	53/49/42.5
Current input (H/M/L)		A	0.60/0.50/0.36	0.77/0.55/0.38	0.93/0.64/0.57	1.10/0.79/0.58	1.32/1.18/1.00
Fan motor	Type	Low noise 3-speed fan motor					
	Quantity		1	1	1	2	2
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity		2	3	3	4	4
Coil	Row		3	3	3	3	3
	MAX. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	7	7	7	7	7
Dimensions (W×H×D)	CB	mm	1178×243×482	1368×243×482	1368×243×482	1658×243×482	1898×243×482
Packing size (W×H×D)	CB	mm	1248×270×520	1438×270×520	1438×270×520	1728×270×520	1968×270×520
Net weight	CB	kg	21.4	25.5	26	33.8	35.3
Gross weight	CB	kg	24.5	29.1	29.7	39.5	39.8
Water inlet/outlet pipe		inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4
Drain pipe		inch	R3/4	R3/4	R3/4	R3/4	R3/4

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room in accordance with GB/T19232 standard when the unit is without accessories and running in dry condition. The background noise is 17.5dB (A);
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. "CC" means that the parameter is tested without air return box; "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left and righ unit can be changed in the field, but cooling and heating capacity should be multiplied with correction factot 0.9;
9. The performance data on above sheet was tested under 220V~50Hz;

Specifications

4-Row Duct

Model		MKT4-200G30-CL	MKT4-300G30-CL	MKT4-400G30-CL	MKT4-500G30-CL	MKT4-600G30-CL
Power supply		V/Ph/Hz		220-240/1/50		
Air flow (H/M/L)		m³/h	330/275/187	510/355/219	680/397/269	850/642/346
		CFM	194/161/110	300/208/128	400/233/158	500/377/203
Standard external static pressure		Pa	30	30	30	30
Cooling	Cooling Capacity (H/M/L)	kW	2.80/2.27/1.69	3.80/2.91/2.06	5.20/3.46/2.61	6.15/5.02/3.18
	Water Pressure Drop (H/M/L)	kPa	35.94/28.03/18.12	43.3/27.4/17.02	38.90/20.20/12.30	52.20/37.70/17.70
	Water flow rate (H/M/L)	m³/h	0.47/0.41/0.30	0.70/0.52/0.37	0.89/0.61/0.46	1.06/0.88/0.57
Heating	Heating Capacity (H/M/L)	kW	4.35/3.38/2.31	5.80/4.32/2.80	7.85/4.93/3.42	9.70/7.32/44.28
	Water Pressure Drop (H/M/L)	kPa	30.57/22.78/15.01	35.54/22.71/14.35	30.20/15.30/9.30	42.30/30.40/14.30
	Water Flow rate (H/M/L)	m³/h	0.50/0.41/0.30	0.70/0.52/0.37	0.90/0.61/0.46	1.06/0.88/0.58
Sound Pressure Level (H/M/L)		dB(A)	38/33/27	40.5/34.5/27.5	41.5/34.5/26	45/42/32.5
Fan Motor	Type	Low noise 3-speed fan motor				
	Quantity	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	1	1	2	2	2
Coil	Row	4	4	4	4	4
	MAX. Working Pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	7	7	7	7
Dimensions (W×H×D)		mm	632×243×482	773×243×482	908×243×482	1003×243×482
Packing (W×H×D)		mm	698×270×520	843×270×520	978×270×520	1073×270×520
Net weight		kg	13.5	16	18.5	20.5
Gross weight		kg	17	19.5	23	25
Water Inlet/Outlet pipe		Inch	RC3/4	RC3/4	RC3/4	RC3/4
Drain pipe		Inch	R3/4	R3/4	R3/4	R3/4

Specifications

4-Row Duct

Model		MKT4-200G50-CL	MKT4-300G50-CL	MKT4-400G50-CL	MKT4-500G50-CL	MKT4-600G50-CL
Power supply		V/Ph/Hz		220-240/1/50		
Air flow		m³/h	320/223/185	480/322/237	650/546/294	740/546/294
		CFM	188/131/108	282/189/139	382/258/150	435/321/173
Standard external static pressure		Pa	50	50	50	50
Cooling	Cooling Capacity (H/M/L)	kW	2.60/2.67/1.50	3.50/2.52/1.94	5.00/3.45/2.17	5.70/4.20/2.49
	Water Pressure Drop (H/M/L)	kPa	30.43/18.45/11.54	34.25/19.26/11.45	34.57/18.79/7.48	44.46/27.2/9.83
	Water flow rate (H/M/L)	m³/h	0.43/0.33/0.26	0.59/0.43/0.33	0.83/0.59/0.37	0.96/0.72/0.43
Heating	Heating Capacity (H/M/L)	kW	4.20/2.67/2.11	5.40/3.45/2.41	7.80/4.93/2.66	9.00/6.06/3.12
	Water Pressure Drop (H/M/L)	kPa	23.78/14.92/11.43	26.7/15.59/9.92	26.85/14.9/6.68	34.63/21.06/8.48
	Water Flow rate (H/M/L)	m³/h	0.43/0.33/0.28	0.59/0.43/0.33	0.83/0.59/0.37	0.96/0.72/0.43
Sound Pressure Level (H/M/L)		dB(A)	39/36/24.5	42/37.5/32.5	43/38.5/33	44/39.5/32
Fan Motor	Type	Low noise 3-speed fan motor				
	Quantity	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	1	1	2	2	2
Coil	Row	4	4	4	4	4
	MAX. Working Pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	7	7	7	7
Dimensions (W×H×D)		mm	632×243×482	773×243×482	908×243×482	908×243×482
Packing (W×H×D)		mm	698×270×520	843×270×520	978×270×520	978×270×520
Net weight		kg	13.5	16	18.5	19
Gross weight		kg	16	18.5	23	23
Water Inlet/Outlet pipe		Inch	RC3/4	RC3/4	RC3/4	RC3/4
Drain pipe		Inch	R3/4	R3/4	R3/4	R3/4

Model		MKT4-700G30-CL	MKT4-800G30-CL	MKT4-1000G30-CL	MKT4-1200G30-CL	MKT4-1400G30-CL
Power supply		V/Ph/Hz		220-240/1/50		
Air flow (H/M/L)		m³/h	1170/669/460	1350/1023/555	1540/1210/825	1830/1356/802
		CFM	689/393/270	795/601/326	906/711/485	1077/797/471
Standard external static pressure		Pa	30	30	30	30
Cooling	Cooling Capacity (H/M/L)	kW	7.65/5.28/3.89	9.40/7.91/4.96	10.25/8.98/6.91	12.65/10.43/7.18
	Water Pressure Drop (H/M/L)	kPa	42.90/22.20/13.20	71.30/51.80/23.20	78.47/64.17/41.94	54.06/40.2/23.55
	Water flow rate (H/M/L)	m³/h	1.33/0.92/0.69	1.64/1.38/0.87	1.82/1.61/1.24	2.20/1.83/1.29
Heating	Heating Capacity (H/M/L)	kW	12.30/8.00/5.68	14.75/12.05/7.08	17.35/13.72/9.94	20.35/15.85/10.10
	Water Pressure Drop (H/M/L)	kPa	32.80/17.10/10.00	55.70/62.00/18.00	63.23/51.63/34.07	44.65/33.18/19.60
	Water Flow rate (H/M/L)	m³/h	1.33/0.93/0.68	1.64/1.38/0.87	1.82/1.61/1.24	2.20/1.83/1.29
Sound Pressure Level (H/M/L)		dB(A)	45.5/38/32	44.5/41.5/34	47.5/44.5/39.5	48/44/35.5
Fan Motor	Type	Low noise 3-speed fan motor				
	Quantity	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	2	3	3	3	4
Coil	Row	4	4	4	4	4
	MAX. Working Pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	7	7	7	7
Dimensions (W×H×D)		mm	1178×243×482	1368×243×482	1368×243×482	1658×243×482
Packing (W×H×D)		mm	2488×270×520	1438×270×520	1438×270×520	1728×270×520
Net weight		kg	22.5	26.5	26.5	35.5
Gross weight		kg	26.5	32	23	41.5
Water Inlet/Outlet pipe		Inch	RC3/4	RC3/4	RC3/4	RC3/4
Drain pipe		Inch	R3/4	R3/4	R3/4	R3/4

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15cWB, rated external static presure. Water fow: same with coling condition;
4. The above sound levels tested in the sem-anechoic room with background level 17.5d8 (A) when the unit is without accessories and running in dry conditiotn;
5. Air fow is tested when the unit is under rated external static pressure without return air box and fiter screen in dry condition and 20°C DB/14.5WB;
6. 30Pa is standard, 50Pa need to be customized;
7. Auxiliary electric heater (AEH) is optional,

Model		MKT4-700G50-CL	MKT4-800G50-CL	MKT4-1000G50-CL	MKT4-1200G50-CL	MKT4-1400G50-CL
Power supply		V/Ph/Hz		220-240/1/50		
Air flow (H/M/L)		m³/h	1120/829/611	1200/940/580	1450/1296/996	1800/1358/792
		CFM	658/488/359	705/553/341	852/762/586	1058/799/466
Standard external static pressure		Pa	50	50	50	50
Cooling	Cooling Capacity (H/M/L)	kW	7.80/5.98/4.66	9.30/7.14/4.73	10.30/9.08/7.33	13.00/10.11/6.42
	Water Pressure Drop (H/M/L)	kPa	41.2/27.26/17.02	63.27/44.29/21.01	70.17/62.04/42.82	56/36.95/16.05
	Water flow rate (H/M/L)	m³/h	1.3/1.03/0.8	1.5/1.22/0.81	1.67/1.56/1.26	2.21/1.73/1.1
Heating	Heating Capacity (H/M/L)	kW	12.5/9.11/6.8	14.90/11.51/7.09	16.50/14.72/11.60	21.00/15.43/9.23
	Water Pressure Drop (H/M/L)	kPa	32.15/21.17/13.66	49.48/34.49/16.79	55.04/48.58/33.38	45.93/30.15/13.63
	Water Flow rate (H/M/L)	m³/h	1.3/1.03/0.8	1.5/1.22/0.81	1.67/1.56/1.26	2.21/1.73/13.63
Sound Pressure Level (H/M/L)		dB(A)	46/42.5/37	47.5/43.5/35	48/46/43.5	49/46/42
Fan Motor	Type	Low noise 3-speed fan motor				
	Quantity	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	2	3	3	3	4
Coil	Row	4	4	4	4	4
	MAX. Working Pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	7	7	7	7
Dimensions (W×H×D)		mm	1178×243×482	1368×243×482	1368×243×482	1658×243×482
Packing (W×H×D)		mm	1288×270×520	1438×270×520	1438×270×520	1728×270×520
Net weight		kg	22.5	27.5	27.5	35.5
Gross weight		kg	26.5	32	23	40.5
Water Inlet/Outlet pipe		Inch	RC3/4	RC3/4	RC3/4	RC3/4
Drain pipe		Inch	R3/4	R3/4	R3/4	R3/4

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15cWB, rated external static presure. Water fow: same with coling condition,
4. The above sound levels tested in the sem-anechoic room with background level 17.5d8 (A) when the unit is without accessories and running in dry conditiotn;
5. Air fow is tested when the unit is under rated external static pressure without return air box and fiter screen in dry condition and 20°C DB/14.5WB;
6. 30Pa is standard, 50Pa need to be customized;
7. Auxiliary electric heater (AEH) is optional,

Specifications

A4 Type Duct

Model			MKT4-800G50-A4A	MKT4-1000G50-A4A	MKT4-1200G50-A4A	MKT4-1400G50-A4A
Power supply		V/Ph/Hz	220-240/1/50			
Air flow		H/M/L m³/h	1922/1342/1500	2137/1527/1364	2311/1851/1666	2480/1900/1700
		H/M/L CFM	1131/789/882	1257/898/802	1359/1089/980	1459/1178/1000
External Static pressure		Pa	50	50	50	50
Cooling	Capacity	H/M/L kW	9.59/8.35/7.97	9.84/7.93/7.54	11.50/10.17/9.55	12.6/10.80/9.70
	Water flow rate	H/M/L m³/h	1.73/1.68/1.61	1.77/1.74/1.69	2.07/1.92/1.8	2.27/1.96/1.85
	Water pressure drop	H/M/L kPa	79.5/73.7/67.5	42.1/39.2/36.4	62/52.5/47.6	42.6/53.00/42.00
	Power input	H/M/L W	208/185/164	224/195/183	455/389/347	469/389/347
Heating	Capacity	H/M/L kW	10.96/8.90/8.34	11.56/9.24/9.39	12.22/11.32/10.69	13.51/11.40/10.72
	Water flow rate	H/M/L m³/h	1.97/1.92/1.8	2.08/2.02/1.95	2.2/2.07/1.94	2.43/2.04/1.92
	Water pressure drop	H/M/L kPa	79.1/76.9/69.2	46.1/44.6/41.5	52/47.8/41.8	77.60/48.80/42.00
	Power input	H/M/L W	208/194/172	224/206/193	455/389/347	469/389/347
Sound power level		H/M/L dB(A)	64/63/62	66/65/64	70/67/65	71/65/63
Sound pressure level		H/M/L dB(A)	48.4/47.9/46.6	49.5/48.1/47.3	50.9/50/48.5	51.7/50/49.5
Fan motor	Type	Low noise 3-speed fan motor				
	Model	YSK105-6SC		YSK150-6SC	YSK230-4SC	YSK230-4SC
	Quantity	1		1	1	1
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	2		2	2	2
Coil	Row	4		4	4	4
	Max. Working pressure	MPa	1.6	1.6	1.6	1.6
	Coil length x height	mm	885x305	885x305	1085x305	1085x305
	Fin spacing	mm	2.2	2.2	2.2	2.2
	Fin type	Hydrophilic aluminum				
	Number of circuits	4		6	8	8
Body	Diameter	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Dimensions	W×H×D mm	1180x342x612	1180x342x612	1369x342x612	1369x342x612
	Packing	W×H×D mm	1310x380x693	1310x380x693	1490x380x693	1490x380x693
	Net weight	kg	39.3	40.8	46.3	46.3
	Gross weight	kg	47	49.6	56.4	56.4
	Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4
Pipe connection	Drain pipe	inch	R3/4	R3/4	R3/4	R3/4

Model			MKT4-1600G50-A4A	MKT4-1800G50-A4A	MKT4-2000G50-A4A
Power supply		V/Ph/Hz	220-240/1/50		
Air flow		H/M/L m³/h	2695/2164/1997	3490/2641/2310	3686/2780/2307
		H/M/L CFM	1585/1273/1175	2053/1554/1359	2174/1635/1357
External Static pressure		Pa	50	50	50
Cooling	Capacity	H/M/L kW	13.16/11.24/10.61	16.51/12.59/11.07	19.15/15.64/13.67
	Water flow rate	H/M/L m³/h	2.37/2.02/1.91	2.97/2.27/1.99	3.45/2.82/2.46
	Water pressure drop	H/M/L kPa	70.9/54.1/49.1	239.6/150.4/117.8	283.3/199.2/159.7
	Power input	H/M/L W	573/391/341	637/416/358	696/444/384
Heating	Capacity	H/M/L kW	14.66/11.46/10.76	17.54/13.21/11.67	20.33/15.69/13.63
	Water flow rate	H/M/L m³/h	2.64/2.06/1.94	3.16/2.38/2.1	3.48/2.83/2.45
	Water pressure drop	H/M/L kPa	65.5/49.8/43.7	241.9/146.1/115.5	283/193.9/151.5
	Power input	H/M/L W	573/391/341	637/416/358	696/444/384
Sound power level		H/M/L dB(A)	73/68/66	72/65/63	74/69/66
Sound pressure level		H/M/L dB(A)	52.9/50.7/50	53.6/51.1/50.2	54.4/52.7/51.6
Fan motor	Type	Low noise 3-speed fan motor			
	Model	YSK230-4SC		YSK360-4SC	YSK360-4SC
	Quantity	1		1	1
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity	2		3	3
Coil	Row	4		4	4
	Max. Working pressure	MPa	1.6	1.6	1.6
	Coil length x height	mm	1085x305	1277x305	1277x305
	Fin spacing	mm	2.2	2.2	2.2
	Fin type	Hydrophilic aluminum			
	Number of circuits	8		8	8
Body	Diameter	mm	Φ9.52	Φ9.52	Φ9.52
	Dimensions	W×H×D mm	1369x342x612	1500x342x612	1500x342x612
	Packing	W×H×D mm	1490x380x693	1620x380x693	1620x380x693
	Net weight	kg	46.3	54.8	54.8
	Gross weight	kg	56.4	64.6	64.6
	Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4
Pipe connection	Drain pipe	inch	R3/4	R3/4	R3/4

Note:
1.H: high fan speed; M: medium fan speed; L: low fan speed.
2.Cooling conditions: Entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB,19°C WB
 Heating conditions: Entering water 45°C, leaving water 40°C,enter air temperature 20°C, the actual static pressure, please refer to the selection software.
3.Noise is tested in semi-anechoic test room.
4. The air flow test on 0Pa(Without connect duct).

Specifications

District Cooling Duct

Model			MKS4-1000G50-A4	MKS4-1200G50-A4	MKS4-1400G50-A4	MKS4-1600G50-A4	MKS4-1800G50-A4	MKS4-2000G50-A4
Power supply		V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)		m³/h	1650/1527/1405	2040/1851/1666	2420/1850/1657	2430/1917/1742	3380/2239/1878	3660/2544/2199
		CFM	970/898/826	1200/1089/980	1424/1088/975	1431/1128/1025	1988/1317/1105	2153/1496/1295
Standard external static pressure		Pa	50	50	50	50	50	50
Cooling	Capacity (H/M/L)	kW	7.57/6.43/5.75	10.11/8.59/7.68	11.5/9.7/8.74	11.74/9.97/8.92	14.74/12.52/11.2	16.1/13.68/12.23
	Water flow rate	m³/h	0.72/0.61/0.55	0.97/0.82/0.73	1.10/0.92/0.84	1.12/0.95/0.85	1.41/1.20/1.07	1.54/1.31/1.17
	Water pressure drop	kPa	16.42/11.87/9.49	21.09/15.24/12.18	25.51/18.00/14.73	27.76/20.06/16.03	38.00/27.46/21.95	56.04/40.49/32.37
Power input (H/M/L)		W	176/141/123	320/256/224	392/314/274	482/386/337	538/430/376	583/466/408
Sound pressure level		dB(A)	49/48/47	51/50/48	52/50/49	53/51/50	54/51/50	54/52/51
Fan motor	Type	Low noise 3-speed fan motor						
	Quantity	1						
Fan	Type	Centrifugal, forward-curved blades						
	Quantity	2	2	2	2	3	3	
Coil	Row	4						
	Max. working pressure	MPa	1.6					
	Diameter	mm	Φ9.52					
Net dimensions (W×H×D)		mm	1180x340x612	1369x340x612	1369x340x612	1369x340x612	1500x340x612	1500x340x612
Packing size (W×H×D)		mm	1310x380x693	1490x380x693	1490x380x693	1490x380x693	1620x380x693	1620x380x693
Net weight		kg	40.8	46.3	46.3	46.3	54.8	54.8
Gross weight		kg	49.6	56.4	56.4	56.4	64.6	64.6
Water inlet/outlet pipe		inch	RC3/4					
Drain pipe		inch	R3/4					

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. The data are test under standard external static pressure.
3. Cooling conditions: entering water 5.5°C, temperature rise 9°C, entering air temperature 27°C DB/19°C WB.
4. Noise is tested in a semi-anechoic test room.
5. The external static pressure test condition is 0 Pa.

Specifications

New District Cooling Duct

Model		MKS3-200G30-CL		MKS3-300G30-CL	MKS3-400G30-CL	MKS3-500G30-CL	MKS3-600G30-CL
Power supply		V/Ph/Hz		220-240/1/50			
Air flow (H/M/L)	0Pa (H/M/L)	m³/h	458/360/286	607/492/357	905/648/469	1044/736/457	1244/951/583
		CFM	269/212/168	357/289/210	532/381/276	614/433/269	732/559/343
	30Pa (H/M/L)	m³/h	389/293/-	546/434/317	771/514/333	923/650/397	1111/830/467
		CFM	229/172/-	321/255/187	454/302/196	543/382/234	654/488/275
	60Pa (H/M/L)	m³/h	318/-/-	454/-/-	623/373/248	736/466/252	964/669/342
		CFM	187/-/-	267/-/-	366/219/145.9	433/274/148.2	567/394/201
Capacity	0Pa (H/M/L)	kW	2.06/1.76/1.46	2.91/2.54/2.01	3.67/3.05/2.40	4.55/3.70/2.64	5.36/4.56/3.25
	30Pa (H/M/L)	kW	1.87/1.54/-	2.68/2.33/1.62	3.26/2.59/1.79	4.12/3.39/2.04	5.04/4.18/2.82
	60Pa (H/M/L)	kW	1.64/-/-	2.41/-/-	2.79/1.94/1.49	3.62/2.68/1.84	4.48/3.52/2.11
	Water pressure drop	0Pa (H/M/L)	kPa	22.3/16.3/9.9	39.1/31.0/19.4	29.1/22.5/15.5	33.2/23.1/13.8
		30Pa (H/M/L)	kPa	19.2/13.0/-	35.3/28.0/16.8	25.6/18.0/9.7	27.7/20.0/12
		60Pa (H/M/L)	kPa	15.3/-/-	29.6/-/-	20.8/11.8/7.1	22.2/13.2/7.9
Water flow rate	0Pa (H/M/L)	m³/h	0.20/0.17/0.11	0.28/0.24/0.19	0.36/0.30/0.23	0.44/0.33/0.25	0.52/0.44/0.31
	30Pa (H/M/L)	m³/h	0.19/0.15/-	0.27/0.23/0.14	0.32/0.30/0.17	0.40/0.33/0.20	0.49/0.41/0.27
	60Pa (H/M/L)	m³/h	0.17/-/-	0.24/-/-	0.28/0.20/0.13	0.36/0.27/0.16	0.44/0.35/0.21
Power input	0Pa (H/M/L)	W	55.0/42.0/30	71.0/57.0/48.0	96.0/78.0/68.0	113/93.6/76.4	137.0/115.2/93.6
	30Pa (H/M/L)	W	51.4/39.0/-	63.0/50.0/43	91.0/73.0/63.0	114.1/85.0/77.5	133.8/107.0/85.4
	60Pa (H/M/L)	W	52.0/-/-	65.0/-/-	85.0/67.0/60	107.6/79.6/68	124.5/96.7/75.1
Auxiliary electric heater (AEH)		W	500	600	1000	1000	1500
Sound pressure level		dB(A)	40.0/36.0/28.0	44.0/38.0/33.0	44.0/39.0/35.0	47.0/42.0/34.0	47.0/42.5/34.0
Fan motor	Type	/ AC motor					
	Quantity	/	1	1	1	1	1
Fan	Type	/ Centrifugal, forward-curved blades					
	Quantity	/	1	1	2	2	2
Coil	Row	/ 3					
	Max. working pressure	MPa	1.6MPa				
	Diameter	mm	7				
Net dimensions (W×H×D)		mm	632x243x514	773x243x514	908x243x514	908x243x514	1003x243x514
Packing size (W×H×D)		mm	698x270x540	843x270x540	978x270x540	978x270x540	1073x270x540
Net weight		kg	13	15.7	18.9	19.1	20.3
Gross weight		kg	14.7	18.1	21	21.2	22.5
Water inlet/outlet pipe		inch	RC3/4				
Drain pipe		inch	ZG3/4				

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions : water inlet 5.5°C, water outlet 14.5°C, entering air temperature 24°C DB/18°C WB, with air return plenum and without filter;
3. Sound pressure level is tested in the semi-anechoic room with background noise is 17.5dB (A), when the unit is without accessories and running in dry condition, at 1m below the vertical center line of the unit with 2m inlet & outlet duct;
4. Air flow is tested under dry condition, 20 °C DB, with air return plenum and without filter;
5. Normal data is tested under 30Pa;
6. Left and right unit can be changed in the field, but cooling should be multiplied with correction factor 0.9;
7. The performance data on above sheet was tested under 220V~50Hz;
8. Auxiliary electric heater (AEH) is optional;
9. All specifications are subject to change by the manufacturer without prior notice.

Specifications

New District Cooling Duct

Model		MKS3-700G30-CL		MKS3-800G30-CL	MKS3-1000G30-CL	MKS3-1200G30-CL	MKS3-1400G30-CL
Power supply		V/Ph/Hz		220-240/1/50			
Air flow (H/M/L)	0Pa (H/M/L)	m³/h	1381/1016/722	1665/1293/808	1762/1571/933	2361/1655/1020	2725/2103/1432
		CFM	812/598/425	979/761/475	1036/924/549	1389/974/600	1603/1237/842
	30Pa (H/M/L)	m³/h	1290/961/680	1459/1120/659	1567/1402/832	2114/1500/877	2477/2000/1349
		CFM	759/565/400	858/659/388	922/825/489	1244/882/516	1457/1176/794
	60Pa (H/M/L)	m³/h	1131/842/564	1199/901/510	1315/1165/680	1795/1248/738	2171/1777/1175
		CFM	665/495/332	705/530/300	774/685/400	1056/734/434	1277/1045/691
Capacity	0Pa (H/M/L)	kW	5.74/4.76/3.81	7.14/6.05/4.26	7.29/6.59/4.38	9.12/7.40/5.16	10.44/8.96/6.90
	30Pa (H/M/L)	kW	5.42/4.53/3.60	6.49/5.53/3.25	6.73/5.95/3.99	8.50/6.87/4.37	9.79/8.58/6.65
	60Pa (H/M/L)	kW	4.99/4.09/3.11	5.66/4.59/2.37	5.47/4.91/3.25	7.55/5.92/2.72	8.89/7.81/5.86
	Water pressure drop	0Pa (H/M/L)	kPa	72.8/51.1/34.3	25.4/19.7/10.6	31.1/28.1/16.7	34.4/22.6/12.5
		30Pa (H/M/L)	kPa	63.3/45.9/30.8	22.0/17.0/6.4	27.1/24.3/14.6	30.6/20.0/9.4
		60Pa (H/M/L)	kPa	55.5/38.8/24.4	17.7/12.5/4.0	17.8/15.8/12.6	24.8/16.1/4.4
Water flow rate	0Pa (H/M/L)	m³/h	0.56/0.46/0.37	0.70/0.59/0.41	0.71/0.65/0.44	0.89/0.71/0.49	1.01/0.87/0.67
	30Pa (H/M/L)	m³/h	0.53/0.44/0.35	0.64/0.54/0.32	0.66/0.61/0.49	0.83/0.67/0.42	0.95/0.84/0.65
	60Pa (H/M/L)	m³/h	0.49/0.40/0.31	0.56/0.46/0.46	0.53/0.50/0.33	0.74/0.58/0.27	0.87/0.77/0.58
Power input	0Pa (H/M/L)	W	160/141.2/121.9	171/162.5/131.4	213/199.1/140.8	259/220.7/186.0	303.0/293.0/263.0
	30Pa (H/M/L)	W	151.3/131.0/112.7	163.5/148.0/120.1	201.1/185.0/129.5	256.4/206.0/172.4	270.6/259.0/237.7
	60Pa (H/M/L)	W	138.1/118.8/99.5	148.0/131.4/105.6	185.0/166.9/142.8	239.6/183.9/153.4	255.0/240.0/217.0
Auxiliary electric heater (AEH)		W	1500	2000	2000	2500	2500
Sound pressure level		dB(A)	48.0/45.0/37.0	47.0/44.0/35.0	50.0/48.0/44.0	50.0/45.0/38.0	50.0/47.0/40
Fan motor	Type	/ AC motor					
	Quantity	/	1	1	1	2	2
Fan	Type	/ Centrifugal, forward-curved blades					
	Quantity	/	2	3	3	4	4
Coil	Row	/ 3					
	Max. working pressure	MPa	1.6MPa				
	Diameter	mm	7				
Net dimensions (W×H×D)		mm	1368x243x514		1368x243x514	1658x243x514	1898x243x514
Packing size (W×H×D)		mm	1438x270x540		1438x270x540	1728x270x540	1968x270x540
Net weight		kg	22.6	27.2	27.2	35.1	39.4
Gross weight		kg	25.3	30.1	30.2	39.7	44.4
Water inlet/outlet pipe		inch	RC3/4				
Drain pipe		inch	ZG3/4				

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions : water inlet 5.5°C, water outlet 14.5°C, entering air temperature 24°C DB/18°C WB, with air return plenum and without filter;
3. Sound pressure level is tested in the semi-anechoic room with background noise is 17.5dB (A), when the unit is without accessories and running in dry condition, at 1m below the vertical center line of the unit with 2m inlet & outlet duct;
4. Air flow is tested under dry condition, 20 °C DB, with air return plenum and without filter;
5. Normal data is tested under 30Pa;
6. Left and right unit can be changed in the field, but cooling should be multiplied with correction factor 0.9;
7. The performance data on above sheet was tested under 220V~50Hz;
8. Auxiliary electric heater (AEH) is optional;
9. All specifications are subject to change by the manufacturer without prior notice.

Specifications

4-Pipe Duct

Model		MKT4-200F30-CL	MKT4-300F30-CL	MKT4-400F30-CL	MKT4-500F30-CL	MKT4-600F30-CL
Power supply		V/Ph/Hz		220-240/1/50		
Air flow		m³/h	330/226/181	510/355/217	680/396/268	850/535/286
		CFM	194/132/106	300/208/127	400/232/157	500/314/168
Standard external static pressure		Pa	30	30	30	30
Cooling	Cooling Capacity (H/M/L)	kW	2.25/1.81/1.44	3.28/2.53/1.75	4.15/2.84/2.10	4.97/3.63/2.26
	Water Pressure Drop (H/M/L)	kPa	23.76/14.65/9.69	21.08/12.67/7.09	23.10/12.30/7.10	29.48/19.90/11.00
	Water flow rate (H/M/L)	m³/h	0.46/0.34/0.26	0.59/0.44/0.32	0.72/0.50/0.37	0.86/0.65/0.41
Heating	Heating Capacity (H/M/L)	kW	2.4/1.92/1.59	3.85/3.18/2.23	4.74/3.71/2.77	5.55/4.57/3.00
	Water Pressure Drop (H/M/L)	kPa	31.80/21.46/14.46	14.55/10.67/5.86	29.80/17.60/10.30	39.16/26.18/14.69
	Water Flow rate (H/M/L)	m³/h	0.22/0.18/0.14	0.33/0.28/0.20	0.42/0.32/0.24	0.52/0.40/0.27
Sound Pressure Level (H/M/L)		dB(A)	38/33/27	40.5/34.5/27.5	41.5/34.5/26	45/42/32.5
Fan Motor	Type	Low noise 3-speed fan motor				
	Quantity		1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity		1	1	2	2
Coil	Row		4	4	4	4
	MAX. Working Pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	7	7	7	7
Dimensions (W×H×D)		mm	632×243×487	773×243×482	908×243×482	1003×243×482
Packing (W×H×D)		mm	698×270×520	843×270×520	978×270×520	1073×270×520
Net weight		kg	14	16	19	20.5
Gross weight		kg	16	19.5	22	24
Water Inlet/Outlet pipe		Inch	RC3/4	RC3/4	RC3/4	RC3/4
Drain pipe		Inch	R3/4	R3/4	R3/4	R3/4

Specifications

4-Pipe Duct

Model		MKT4-200FG50-CL	MKT4-300FG50-CL	MKT4-400FG50-CL	MKT4-500FG50-CL	MKT4-600FG50-CL
Power supply		V/Ph/Hz		220-240/1/50		
Air flow		m³/h	320/223/185	480/322/237	650/546/294	740/546/294
		CFM	188/131/108	282/189/139	382/258/150	435/321/173
Standard external static pressure		Pa	50	50	50	50
Cooling	Cooling Capacity (H/M/L)	kW	2.25/1.63/1.42	3.00/2.26/1.79	4.10/2.94/1.94	4.60/3.60/2.23
	Water Pressure Drop (H/M/L)	kPa	15.57/9.48/7.19	17.77/10.21/6.4	23.5/12.88/5.61	28.86/18.14/7.1
	Water flow rate (H/M/L)	m³/h	0.36/0.28/0.24	0.51/0.39/0.31	0.69/0.51/0.33	0.8/0.62/0.38
Heating	Heating Capacity (H/M/L)	kW	2.40/1.82/1.57	3.80/2.78/2.21	4.70/3.51/2.24	5.00/4.03/2.49
	Water Pressure Drop (H/M/L)	kPa	26.8/17.39/13.44	13.16/8.57/5.76	27.99/17.23/7.87	28.62/19.76/8.57
	Water Flow rate (H/M/L)	m³/h	0.2/0.16/0.14	0.31/0.24/0.19	0.40/0.3/0.19	0.43/0.35/0.21
Sound Pressure Level (H/M/L)		dB(A)	39/36/24.5	42/37.5/32.5	43/38.5/33	44/39.5/32
Fan Motor	Type	Low noise 3-speed fan motor				
	Quantity		1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity		1	1	2	2
Coil	Row		4	4	4	4
	MAX. Working Pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	7	7	7	7
Dimensions (W×H×D)		mm	632×243×487	773×243×482	908×243×482	1003×243×482
Packing (W×H×D)		mm	698×270×520	843×270×520	978×270×520	1073×270×520
Net weight		kg	14	16	19	20.5
Gross weight		kg	16	18.5	22	24
Water Inlet/Outlet pipe		Inch	RC3/4	RC3/4	RC3/4	RC3/4
Drain pipe		Inch	R3/4	R3/4	R3/4	R3/4

Model		MKT4-700FG30-CL	MKT4-800FG30-CL	MKT4-1000FG30-CL	MKT4-1200FG30-CL	MKT4-1400FG30-CL
Power supply		V/Ph/Hz		220-240/1/50		
Air flow		m³/h	1170/681/468	1350/1032/571	1540/1280/783	1830/1299/763
		CFM	689/400/275	795/607/335	906/752/460	1077/764/448
Standard external static pressure		Pa	30	30	30	30
Cooling	Cooling Capacity (H/M/L)	kW	6.4/4.42/3.43	7.32/6.21/4.08	8.4/7.19/5.20	9.85/8.09/5.50
	Water Pressure Drop (H/M/L)	kPa	22.93/11.67/7.51	27.80/20.50/9.80	32.80/25.80/14.40	29.60/21.00/10.80
	Water flow rate (H/M/L)	m³/h	1.16/0.79/0.62	1.29/1.04/0.71	1.38/1.20/0.87	1.70/1.40/0.96
Heating	Heating Capacity (H/M/L)	kW	6.4/4.90/3.90	9.72/8.60/6.08	10.85/9.35/7.06	10.5/8.77/6.35
	Water Pressure Drop (H/M/L)	kPa	42.93/26.08/17.27	47.03/37.11/21.92	52.00/42.10/25.40	25.60/19.00/11.00
	Water Flow rate (H/M/L)	m³/h	0.56/0.42/0.34	0.87/0.75/0.53	0.92/0.80/0.62	0.89/0.75/0.55
Sound Pressure Level (H/M/L)		dB(A)	45.5/38/32	44.5/41.5/34	47.5/44.5/39.5	48/44/35.5
Fan Motor	Type	Low noise 3-speed fan motor				
	Quantity		1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity		2	3	3	4
Coil	Row		4	4	4	4
	MAX. Working Pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	7	7	7	7
Dimensions (W×H×D)		mm	1178×243×482	1368×243×482	1368×243×482	1658×243×482
Packing (W×H×D)		mm	1248×270×520	1438×270×520	1438×270×520	1728×270×520
Net weight		kg	22.5	27.5	27.5	35.5
Gross weight		kg	26	32	32	40.5
Water Inlet/Outlet pipe		Inch	RC3/4	RC3/4	RC3/4	RC3/4
Drain pipe		Inch	R3/4	R3/4	R3/4	R3/4

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 65°C, water outlet 55°C, entering air temperature 20°C DB, rated external static pressure.
4. The above sound level is tested in the semi-anechoic room with background level 17.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB/14.5WB;
6. 30Pa is standard, 50Pa need to be customized;
7. Auxiliary electric heater (AEH) is optional.

Model		MKT4-700FG50-CL	MKT4-800FG50-CL	MKT4-1000FG50-CL	MKT4-1200FG50-CL	MKT4-1400FG50-CL
Power supply		V/Ph/Hz		220-240/1/50		
Air flow		m³/h	1120/829/611	1200/940/580	1450/1296/996	1800/1358/792
		CFM	658/488/359	705/553/341	852/762/586	1058/799/466
Standard external static pressure		Pa	50	50	50	50
Cooling	Cooling Capacity (H/M/L)	kW	6.30/4.88/3.88	7.40/5.77/3.97	8.30/7.45/6.11	9.90/8.13/5.36
	Water Pressure Drop (H/M/L)	kPa	19.24/12.97/0.67	24.86/17.53/8.41	31.72/28.36/19.86	30.97/20.94/9.45
	Water flow rate (H/M/L)	m³/h	1.04/0.84/0.67	1.20/0.99/0.68	1.37/1.28/1.08	1.74/1.4/0.92
Heating	Heating Capacity (H/M/L)	kW	6.30/5.45/4.52	9.60/8.16/5.81	10.00/9.55/8.29	10.50/9.09/6.30
	Water Pressure Drop (H/M/L)	kPa	42.49/32.24/23.22	41.56/32.85/18.07	44.95/44.35/34.59	26.17/19.92/10.52
	Water Flow rate (H/M/L)	m³/h	0.55/0.47/0.39	0.81/0.7/0.5	0.83/0.82/0.71	0.91/0.78/0.54
Sound Pressure Level (H/M/L)		dB(A)	46/42.5/37	47.5/43.5/35	48/46/43.5	49/46/42
Fan Motor	Type	Low noise 3-speed fan motor				
	Quantity		1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity		2	3	3	4
Coil	Row		4	4	4	4
	MAX. Working Pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	7	7	7	7
Dimensions (W×H×D)		mm	1178×243×487	1368×243×487	1368×243×487	1658×243×487
Packing (W×H×D)		mm	1248×270×520	1438×270×520	1438×270×520	1728×270×520
Net weight		kg	22.5	27.5	27.5	35.5
Gross weight		kg	26	32	32	40.5
Water Inlet/Outlet pipe		Inch	RC3/4	RC3/4	RC3/4	RC3/4
Drain pipe		Inch	R3/4	R3/4	R3/4	R3/4

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 65°C, water outlet 55°C, entering air temperature 20°C DB, rated external static pressure.
4. The above sound level is tested in the semi-anechoic room with background level 17.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB/14.5WB;
6. 30Pa is standard, 50Pa need to be customized;
7. Auxiliary electric heater (AEH) is optional.

High Static Pressure Duct

Features



Model: 800/1000/1200/1400/1600/1800/2200CFM



RM05+FCU KIT
Optional



KJRP-86I/MFK-E (Optional)
KJRP-86I/MFKS-E (Optional)
KJRP-86A/BMFKND-E (Optional)

Features

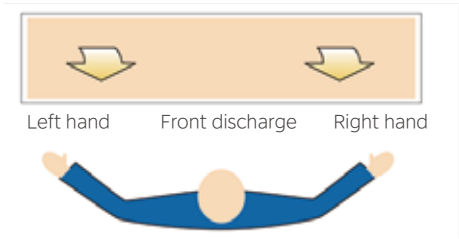
- Large air volume and capacity, high static pressure (Up to 100Pa).
- Air filter designed for easy cleaning and replacement.
- Optional auxiliary electric heater (AEH) is optional.
- Air return flange and air plenum with filter are standard, with rear positioned air return.
- Optional 220V wired controller.
- Standard extended drainage pan for enhanced ceiling protection.
- Four-speed motor with super-high speed setting.
- Pipe connection from left or right.

High external static pressure for long duct runs. Ideal for large spaces.



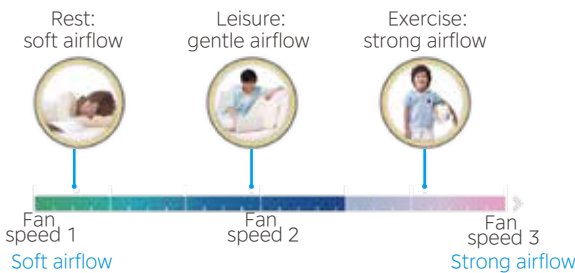
Flexible Installation

Piping can be connected from either the left or right side of the unit, offering greater installation flexibility.



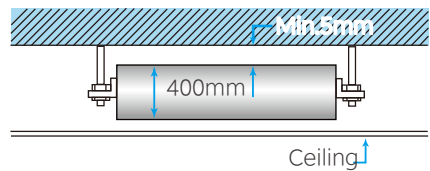
Multiple Fan Speeds

3 fan speed options provide customized comfort to suit a range of indoor conditions.



Compact Size

A low, 400mm height is ideal for installation in standard ceiling cavities.



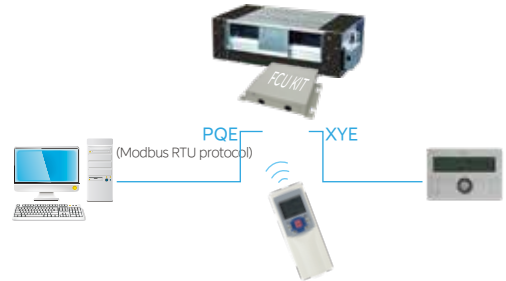
Compact Size

A low, 400mm height is ideal for installation in standard ceiling cavities.



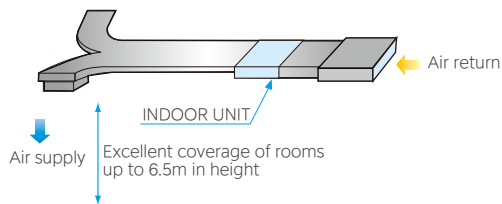
Multiple ways to control

The duct series can be controlled using the wired controller or with a centralized controller or BMS when customized with the FCU KIT.



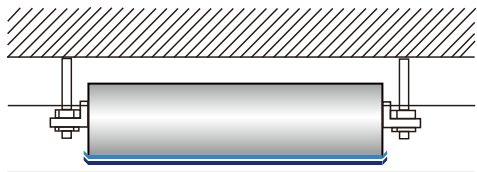
Flexible Duct Design

The High-Static-Pressure duct generates a wide pressure range, from 0Pa to 100Pa, enabling short or long duct runs with high ceiling air supply.



Double-layer Drainage Pan

A double-layer drainage pan provides double protection for ceilings.



Optional Electric Heater

Each model can be customized with different electrical auxiliary heat capacity.



Specifications

High Static Pressure Duct

Model		MKT3H-800G70A MKT3H-800EG70A	MKT3H-1000G70A MKT3H-1000EG70A	MKT3H-1200G70A MKT3H-1200EG70A	MKT3H-1400G70A MKT3H-1400EG70A
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)	m³/h	1464/1453/1408	1507/1491/1397	1601/1557/1500	1659/1590/1501
	CFM	861/855/828	887/877/822	942/916/882	976/935/883
Standard external static pressure		Pa	70	70	70
Cooling	Capacity (H/M/L)	kW	5.4/5.27/5.08	7.75/7.56/6.98	8.03/7.8/7.49
	Water flow rate (H/M/L)	m³/h	0.97/0.95/0.91	1.39/1.36/1.26	1.45/1.4/1.35
	Water pressure drop (H/M/L)	kPa	14.52/11.74/13.20	135.15/33.98/30.82	35.26/33.50/31.35
Heating	Capacity (H/M/L)	kW	8.09/7.82/7.42	9.62/9.28/8.85	10.33/10.02/9.17
	Water flow rate (H/M/L)	m³/h	1.47/1.42/1.35	1.75/1.69/1.61	1.88/1.82/1.67
	Water pressure drop (H/M/L)	kPa	25.52/24.23/22.80	42.76/40.80/36.52	55.50/52.80/48.10
Power input (H/M/L)		W	391/375/348	382/363/343	386/372/355
Auxiliary electric heater (AEH)		W	5000	5000	5000
Sound pressure level (H/M/L)		dB(A)	49/42/35	50/43/36	51/44/37
Sound power level	Inlet	dB(A)	74/73/71	72/71/70	73/71/70
	Outlet	dB(A)	72/71/69	70/70/69	71/70/69
Fan motor	Type	Low noise 3-speed fan motor			
	Quantity	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity	1	1	1	1
Coil	Row	2	3	3	4
	Max. working pressure	MPa	1.6	1.6	1.6
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52
Net dimensions (W×H×D)		mm	946×400×816	946×400×816	946×400×816
Packing size (non-AEH/with-AEH) (W×H×D)		mm	Left connection: 1075×480×857/1075×480×925 Right connection: 1015×480×857/1015×480×925		
Net weight (non-AEH/with-AEH)		kg	50/53	52/55	54/57
Gross weight (non-AEH/with-AEH)		kg	55/58	57/60	59/62
Water inlet/outlet pipe		inch	RC3/4	RC3/4	RC3/4
Drain pipe		inch	ZG5/4	ZG5/4	ZG5/4

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB.
3. Noise is tested in a reverberation chamber test room.
4. The external static pressure test condition is the same as Eurovent conditions (External static pressure is different for each models).
5. Auxiliary electric heater is optional.

Specifications

High Static Pressure Duct

Model		MKT3H-160G100A MKT3H-160EG100A	MKT3H-1800G100A MKT3H-1800EG100A	MKT3H-2200G100A MKT3H-2200EG100A
Power supply		V/Ph/Hz	220-240/1/50	
Air flow (H/M/L)	m³/h	2272/2126/1911	3177/2983/2327	3411/3034/2588
	CFM	1336/1251/1124	1869/1755/1369	2007/1785/1522
Standard external static pressure		Pa	100	100
Cooling	Capacity (H/M/L)	kW	12.99/12.02/11.04	15.25/13.42/12.38
	Water flow rate (H/M/L)	m³/h	2.34/2.16/1.99	2.74/2.42/2.23
	Water pressure drop (H/M/L)	kPa	86.04/73.44/60.72	128.97/112.98/100.13
Heating	Capacity (H/M/L)	kW	14.07/12.91/11.78	18.23/16.84/14.76
	Water flow rate (H/M/L)	m³/h	2.56/2.35/2.14	3.31/3.06/2.68
	Water pressure drop (H/M/L)	kPa	87.84/75.12/63.00	168.00/146.98/127.19
Power input (H/M/L)		W	546/475/415	782/683/606
Auxiliary electric heater (AEH)		W	9500	9500
Sound pressure level (H/M/L)		dB(A)	54/47/40	60/53/46
Sound power level	Inlet	dB(A)	68/67/65	74/72/70
	Outlet	dB(A)	66/65/62	72/70/68
Fan motor	Type	Low noise 3-speed fan motor		
	Quantity	1	1	1
Fan	Type	Centrifugal, forward-curved Blades		
	Quantity	2	2	2
Coil	Row	3	3	3
	Max. working pressure	MPa	1.6	1.6
	Diameter	mm	Φ9.52	Φ9.52
Net dimensions (W×H×D)		mm	1290×400×809	1290×400×809
Packing size (non-AEH/with-AEH) (W×H×D)		mm	Left connection: 1448×460×877/1448×460×950 Right connection: 1383×422×877/1368×460×950	
Net weight (non-AEH/with-AEH)		kg	76/82	76/82
Gross weight (non-AEH/with-AEH)		kg	83/89	83/89
Water inlet/outlet pipe		inch	RC3/4	RC3/4
Drain pipe		inch	ZG5/4	ZG5/4

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB.
3. Noise is tested in a reverberation chamber test room.
4. The external static pressure test condition is the same as Eurovent conditions (External static pressure is different for each models).
5. Auxiliary electric heater is optional.

Wall Mounted Series

Features



Model: 250/300/400/500/600 CFM



R51
Standard



KJR-29B
Optional

Features

- Display shut off (for Type A and P panels using Wireless Remote Controllers RM12F/BGF-E).
- Built-in 3-way electromagnetic valve.
- Included remote controller with optional wired controller.
- Simplified, low-cost installation.
- Easy-to-remove front panel simplifies maintenance and filter changes.
- Multi-directional outlet pipe design (left/right/rear) to meet various room configurations.
- Compatible with 0-10V output function (requires customization).
- Optional auxiliary electric heater (AEH).

Stylish panel, ideal for rooms with no or limited ceiling access.



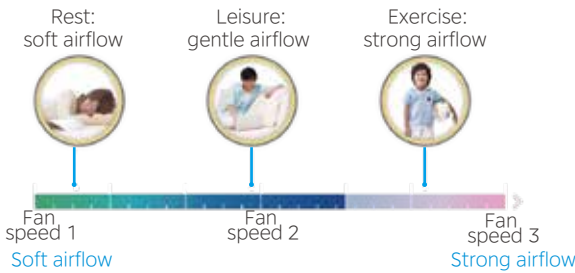
Digital Display On/Off

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



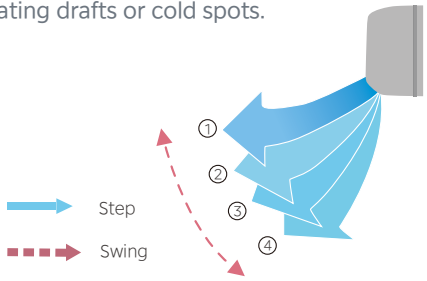
Multiple Fan Speeds

3 fan speed options provide customized comfort to suit a range of indoor conditions.



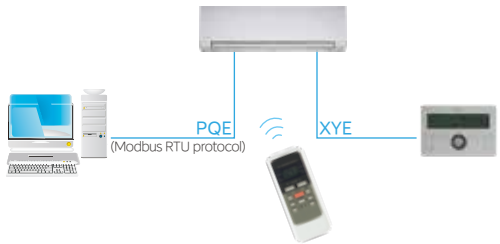
Auto Swing Louver

An Auto Swing Louver optimizes airflow while eliminating drafts or cold spots.



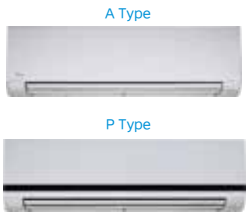
Control solutions

The fan coil units can be connected to Midea centralized controllers through the customized XYE port and can also be connected to a Modbus gateway through the customized PQE port with Modbus RTU protocol.



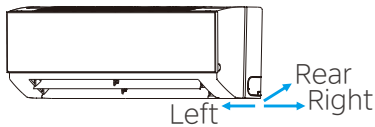
Customizable Panel Choices

Choose from three panel design options (A Type, P Type) to seamlessly match your decor.



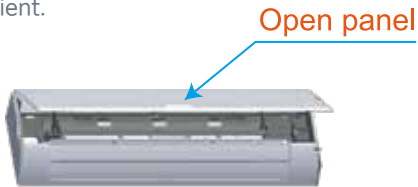
Flexible Outlet Pipe Positioning

Water and drain pipes can be positioned to the left, right or rear, providing enhanced installation flexibility.



Easy Maintenance

A removable front panel makes maintenance easy and convenient.



Easy-to-install Wall Mounting

Wall Mounted units offer easy installation with no need to access the ceiling cavity.



Specifications

Wall Mounted （A Type）

Model			MKG-250-C	MKG-300-C	MKG-400-C	MKG-500-C	MKG-600-C
Power supply		V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)		m³/h	435/396/342	523/426/351	660/534/480	841/723/594	915/836/714
		CFM	256/233/201	308/251/206	388/314/282	495/425/349	538/492/420
Cooling	Capacity (H/M/L)	kW	1.94/1.84/1.68	2.64/2.4/1.99	2.94/2.58/2.34	4.01/3.61/3.1	4.61/4.33/3.84
	Water flow rate (H/M/L)	m³/h	0.35/0.33/0.3	0.47/0.43/0.36	0.53/0.46/0.42	0.72/0.65/0.56	0.83/0.78/0.69
	Water pressure drop (H/M/L)	kPa	31.60/28.60/25.22	37.50/30.00/24.00	57.16/47.57/38.70	47.13/33.50/29.71	51.00/39.49/34.00
Heating	Capacity (H/M/L)	kW	2.34/2.15/1.94	2.9/2.6/2.22	3.46/2.75/2.52	4.39/3.8/3.27	4.55/4.2/3.82
	Water flow rate (H/M/L)	m³/h	0.43/0.39/0.35	0.53/0.47/0.4	0.63/0.5/0.46	0.8/0.69/0.6	0.83/0.76/0.69
	Water pressure drop (H/M/L)	kPa	35.20/34.90/30.00	39.30/31.50/25.00	70.80/55.10/46.20	48.60/40.80/31.70	51.70/43.00/33.00
Power input (H/M/L)		W	35/32/31	47/43/39	54/51/47	60/54/48	72/60/55
Auxiliary electric heater (AEH)		W	750	750	750	900	900
Sound pressure level (H/M/L)		dB(A)	30/24/20	35/29/24	37/31/26	39/33/28	40/34/29
Sound power level		dB(A)	44/42/40	48/43/39	57/51/47	54/50/45	59/55/50
Fan motor	Type	Low noise 3-speed fan motor					
	Quantity		1	1	1	1	1
Fan	Type		Tangential fan	Tangential fan	Tangential fan	Tangential fan	Tangential fan
	Quantity		1	1	1	1	1
Coil	Row		2	2	2	2	2
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7	Φ7	Φ7	Φ7	Φ7
Net dimensions (W×H×D)		mm	915×290×233	915×290×233	915×290×233	1072×315×237	1072×315×237
Packing size (W×H×D)		mm	1020×390×315	1020×390×315	1020×390×315	1180×415×315	1180×415×315
Net weight		kg	12.0	12.0	12.0	14.5	14.5
Gross weight		kg	15.0	15.0	15.0	18.0	18.0
Water inlet/outlet pipe		inch	G1/2	G1/2	G1/2	G3/4	G3/4
Drain pipe		mm	ODΦ20	ODΦ20	ODΦ20	ODΦ20	ODΦ20

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
 Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB.
3. Noise is tested in a reverberation chamber test room.

Specifications

Wall Mounted （P Type）

Model			MKG-250-D	MKG-300-D	MKG-400-D	MKG-500-D	MKG-600-D	
Power supply			V/Ph/Hz		220-240/1/50			
Air flow (H/M/L)			m³/h	435/396/342	523/426/351	660/534/480	841/723/594	915/836/714
			CFM	256/233/201	308/251/206	388/314/282	495/425/349	538/492/420
Cooling	Capacity (H/M/L)	kW	1.94/1.84/1.68	2.64/2.4/1.99	2.94/2.58/2.34	4.01/3.61/3.1	4.61/4.33/3.84	
	Water flow rate (H/M/L)	m³/h	0.35/0.33/0.3	0.47/0.43/0.36	0.53/0.46/0.42	0.72/0.65/0.56	0.83/0.78/0.69	
	Water pressure drop (H/M/L)	kPa	31.60/28.60/25.22	37.50/30.00/24.00	57.16/47.57/38.70	47.13/33.50/29.71	51.00/39.49/34.00	
Heating	Capacity (H/M/L)	kW	2.34/2.15/1.94	2.9/2.6/2.22	3.46/2.75/2.52	4.39/3.8/3.27	4.55/4.2/3.82	
	Water flow rate (H/M/L)	m³/h	0.43/0.39/0.35	0.53/0.47/0.4	0.63/0.5/0.46	0.8/0.69/0.6	0.83/0.76/0.69	
	Water pressure drop (H/M/L)	kPa	35.20/34.90/30.00	39.30/31.50/25.00	70.80/55.10/46.20	48.60/40.80/31.70	51.70/43.00/33.00	
Power input (H/M/L)			W	35/32/31	47/43/39	54/51/47	60/54/48	72/60/55
Auxiliary electric heater (AEH)			W	750	750	750	900	900
Sound pressure level (H/M/L)			dB(A)	30/24/20	35/29/24	37/31/26	39/33/28	40/34/29
Sound power level			dB(A)	44/42/40	48/43/39	57/51/47	54/50/45	59/55/50
Fan motor	Type	Low noise 3-speed fan motor						
	Quantity	1		1	1	1	1	
Fan	Type	Tangential fan		Tangential fan	Tangential fan	Tangential fan	Tangential fan	
	Quantity	1		1	1	1	1	
Coil	Row	2		2	2	2	2	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6	
	Diameter	mm	Φ7	Φ7	Φ7	Φ7	Φ7	
Net dimensions (W×H×D)			mm	915×290×229	915×290×229	915×290×229	1072×315×232	1072×315×232
Packing size (W×H×D)			mm	1020×390×315	1020×390×315	1020×390×315	1180×415×315	1180×415×315
Net weight			kg	12.0	12.0	12.0	14.5	14.5
Gross weight			kg	15.0	15.0	15.0	18.0	18.0
Water inlet/outlet pipe			inch	G1/2	G1/2	G1/2	G3/4	G3/4
Drain pipe			mm	ODΦ20	ODΦ20	ODΦ20	ODΦ20	ODΦ20

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
 Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB.
3. Noise is tested in a reverberation chamber test room.

2nd Generation Ceiling&Floor series

Features



Model: 300 CFM



RM05
Standard



KJR-75A
Optional

Features

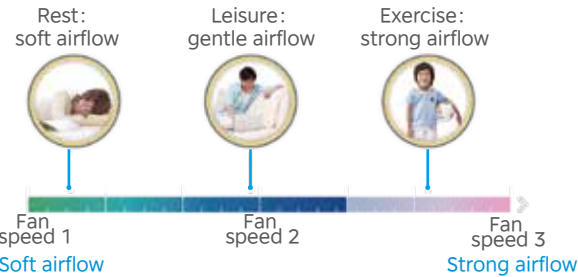
- The Central controllers can be connected through a customized Network Module (MD-NIM01).
- Remote on/off function.
- Optional wired controller (KJR-75A).
- Compact design with 153mm ultra-slim profile
- Standard built-in drain pump with 750mm pump head.

The compact size of our one-way cassettes makes them ideal for narrow spaces such as aisles, small offices, elevators and other applications.



Multiple Fan Speeds

3 fan speed options provide customized comfort to suit a range of indoor conditions.



Versatile Installation Options

The Floor Standing Unit has three appearance options to meet different installation requirements, the H3 unit is designed to be concealed in wall and the H1 and H2 offer a front (H1) or underside (H2) air intake.

Concealed Type
H3 Series



Exposed Type
(air return from bottom)
H2 Series

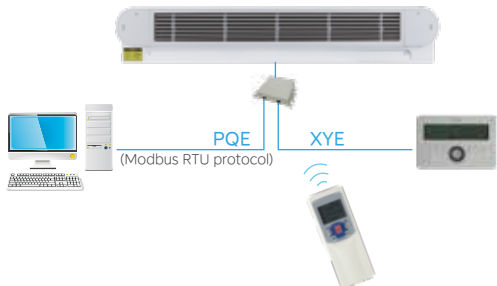


Exposed Type
(air return from side)
H1 Series



Control solutions

The fan coil units can be connected to Midea centralized controllers or BMS using the customized FCU KIT.

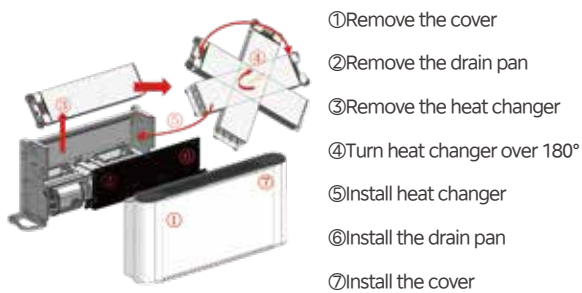


Wired Controller Easy Installation

A dedicated cavity on the front of the unit perfectly accommodates the wired controller (applies to models KJRP-86I/MFK-E and KJRP-86A/BMFNKD-E)



Right/Left connection easy change



Simplified Installation and Maintenance

Ceiling and floor units are exposed, affording easy installation and maintenance. Key components are easily accessible from the bottom of the unit.



Ceiling and Floor Installation Option

Innovative design allows for ceiling or floor installation to suit various interior design requirements.



Specifications

2- Pipe 2nd Generation Ceiling&Floor

Model		MKH1-150-R3	MKH1-150-R4	MKH1-250-R3	MKH1-250-R4	MKH1-350-R3	MKH1-350-R4
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m³/h	245/160/135	245/180/130	380/245/140	380/250/160	580/435/310	580/430/310
	CFM	144/94/79	144/106/76	224/144/82	235/147/94	341/256/182	341/253/182
External static pressure		Pa0					
Cooling	Total Capacity (H/M/L)	kW	1.58/1.17/1.04	2.16/1.78/1.35	2.51/1.92/1.32	2.72/2.02/1.41	3.75/3.10/2.40
	Water flow rate (H/M/L)	m³/h	0.27/0.20/0.18	0.37/0.31/0.23	0.43/0.33/0.23	0.47/0.35/0.24	0.64/0.53/0.41
	Water pressure drop (H/M/L)	kPa	15.1/9.0/7.1	31.9/23.2/14.1	17.1/11.7/5.2	23.9/14.0/7.5	37.3/26.4/16.5
Heating	Capacity (H/M/L)	kW	1.77/1.24/1.08	2.26/1.79/1.36	2.80/2.01/1.38	2.81/2.04/1.43	3.99/3.21/2.41
	Water flow rate (H/M/L)	m³/h	0.30/0.21/0.19	0.39/0.31/0.23	0.48/0.34/0.24	0.48/0.35/0.25	0.68/0.55/0.41
	Water pressure drop (H/M/L)	kPa	15.0/7.9/6.4	31.9/21.5/14.1	16.6/9.8/5.2	22.5/12.6/6.1	34.6/24.2/15.4
Power input (H/M/L)	W	35/17/14	40/24/15	47/26/14	47/26/15	51/32/19	51/32/19
Sound pressure level (H/M/L)	dB(A)	34/23/21	39/34/26	34/25/19	35/26/20	39/32/24	39/32/24
Sound power level	dB(A)	47/36/34	52/47/39	47/38/32	48/39/33	52/45/37	52/45/37
Fan motor	Type	AC fan motor					
	Quantity	1	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	1	1	2	2	2	2
Coil	Row	3	4	3	4	3	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×D)	mm	790×495×211	790×495×211	1020×495×211	1240×495×211	1240×495×211
	Packing size (W×H×D)	mm	895×595×300	895×595×300	1125×595×300	1345×595×300	1345×595×300
	Net weight	kg	16.3	16.7	20.0	20.8	25.4
	Gross weight	kg	21.8	22.7	26.8	26.8	32.4
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
Drain pipe	mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5

Model		MKH1-500-R3	MKH1-500-R4	MKH1-700-R3	MKH1-700-R4	MKH1-800-R3	MKH1-800-R4
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m³/h	780/550/380	780/560/390	1050/750/490	1150/800/520	1100/845/530	1300/910/670
	CFM	459/324/224	459/329/229	618/441/288	618/471/306	647/497/312	618/535/394
External static pressure		Pa0					
Cooling	Total Capacity (H/M/L)	kW	4.59/3.75/2.88	5.21/4/3	5.29/4.43/3.27	6.16/5.29/3.87	6.22/5.4/4.36
	Water flow rate (H/M/L)	m³/h	0.79/0.64/0.49	0.89/0.71/0.55	0.91/0.76/0.56	1.06/0.91/0.66	1.07/0.94/0.75
	Water pressure drop (H/M/L)	kPa	56.1/39.5/25.0	59.9/40.4/26.0	47.5/32.6/18.7	36.8/26.7/14.8	38.4/31.4/19.7
Heating	Capacity (H/M/L)	kW	5.13/3.90/2.96	5.33/4.25/3.23	5.42/4.50/3.35	6.53/5.30/3.92	6.94/6.00/3.97
	Water flow rate (H/M/L)	m³/h	0.88/0.67/0.51	0.91/0.73/0.55	0.93/0.77/0.57	1.12/0.91/0.67	1.19/1.03/0.79
	Water pressure drop (H/M/L)	kPa	56.0/36.8/23.0	59.4/36.8/21.2	51.0/34.0/18.6	38.5/26.2/13.4	40.7/28.8/17.0
Power input (H/M/L)	W	91/54/34	92/54/35	118/98/68	110/93/66	124/93/65	118/81/70
Sound pressure level (H/M/L)	dB(A)	48/39/30	48/39/30	52/43/33	52/43/33	53/48/39	53/48/39
Sound power level	dB(A)	61/52/43	61/52/43	65/57/46	65/57/47	66/61/52	65/61/52
Fan motor	Type	AC fan motor					
	Quantity	1	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	2	2	3	3	3	3
Coil	Row	3	4	3	4	3	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×D)	mm	1240×495×211	1240×495×211	1360×495×211	1360×495×211	1360×591×211
	Packing size (W×H×D)	mm	1345×595×300	1345×595×300	1465×595×300	1465×595×300	1465×695×300
	Net weight	kg	25.5	26.3	27.3	28.5	31.7
	Gross weight	kg	32.0	33.4	34.8	36.0	40.2
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
Drain pipe	mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB/15°C WB.
3. Noise is tested in a reverberation chamber.

Specifications

2- Pipe 2nd Generation Ceiling&Floor

Model		MKH2-150-R3	MKH2-150-R4	MKH2-250-R3	MKH2-250-R4	MKH2-350-R3	MKH2-350-R4
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m³/h	255/165/142	255/192/139	400/273/180	425/284/184	595/447/319	595/450/319
	CFM	150/97/84	150/113/82	235/161/106	250/167/109	350/263/188	350/265/188
External static pressure		Pa0					
Cooling	Total Capacity (H/M/L)	kW	1.65/1.22/1.09	2.25/1.85/1.40	2.65/2.02/1.40	3.05/2.26/1.58	3.85/3.19/2.46
	Water flow rate (H/M/L)	m³/h	0.28/0.21/0.19	0.39/0.32/0.24	0.45/0.35/0.24	0.52/0.39/0.27	0.66/0.55/0.42
	Water pressure drop (H/M/L)	kPa	15.75/9.33/7.37	33.19/22.37/14.64	18.03/11.18/5.48	26.71/15.66/8.42	38.23/27.11/16.96
Heating	Capacity (H/M/L)	kW	1.85/1.29/1.13	2.35/1.87/1.42	3.05/2.24/1.52	3.15/2.28/1.60	4.10/3.30/2.48
	Water flow rate (H/M/L)	m³/h	0.32/0.22/0.19	0.40/0.32/0.24	0.52/0.38/0.26	0.54/0.39/0.28	0.71/0.57/0.43
	Water pressure drop (H/M/L)	kPa	15.13/8.22/6.64	33.19/22.37/14.64	17.56/10.28/5.43	23.31/12.57/6.11	35.52/24.83/14.91
Power input (H/M/L)	W	35/17/14	40/24/15	47/26/14	47/26/14	51/32/19	51/32/19
Sound pressure level (H/M/L)	dB(A)	35/24/21	42/35/27	34/24/18	34/25/19	39/32/23	40/35/31
Sound power level	dB(A)	47/35/34	53/47/39	46/37/31	47/38/32	52/44/36	52/45/37
Fan motor	Type	AC fan motor					
	Quantity	1	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	1	1	2	2	2	2
Coil	Row	3	4	3	4	3	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×D)	mm	790×495×200	790×495×200	1020×495×200	1020×495×200	1240×495×200
	Packing size (W×H×D)	mm	895×595×300	895×595×300	1125×595×300	1125×595×300	1345×595×300
	Net weight	kg	16.3	16.7	20.0	20.8	25.4
	Gross weight	kg	21.8	22.7	26.8	26.8	32.4
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
Drain pipe	mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5

Model		MKH2-500-R3	MKH2-500-R4	MKH2-700-R3	MKH2-700-R4	MKH2-800-R3	MKH2-800-R4
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m³/h	790/560/392	800/574/404	1190/855/555	1150/885/591	1300/1088/782	1300/1132/836
	CFM	465/330/231	471/338/238	700/503/327	677/521/348	766/641/461	766/667/492
External static pressure		Pa0					
Cooling	Total Capacity (H/M/L)	kW	4.65/3.80/2.92	5.35/4.25/3.31	6.00/5.03/3.71	6.75/5.80/4.24	7.35/6.51/5.15
	Water flow rate (H/M/L)	m³/h	0.80/0.65/0.50	0.92/0.73/0.57	1.03/0.86/0.63	1.16/1.00/0.73	1.26/1.12/0.88
	Water pressure drop (H/M/L)	kPa	56.85/40.02/25.31	61.48/41.44/26.62	53.79/36.96/21.16	40.26/29.20/16.15	45.43/37.06/23.29
Heating	Capacity (H/M/L)	kW	5.20/3.95/3.00	5.70/4.36/3.31	6.15/5.10/3.80	7.15/5.81/4.30	8.20/7.09/5.46
	Water flow rate (H/M/L)	m³/h	0.89/0.68/0.52	0.98/0.75/0.57	1.05/0.88/0.65	1.23/1.00/0.74	1.41/1.22/0.94
	Water pressure drop (H/M/L)	kPa	56.68/37.31/23.25	60.89/37.73/21.79	57.85/38.53/21.1	42.16/28.68/14.66	44.60/34.09/19.98
Power input (H/M/L)	W	91/54/34	91/54/35	123/98/68	110/89/64	123/109/83	118/104/82
Sound pressure level (H/M/L)	dB(A)	48/39/31	47/40/31	50/43/33	50/44/33	51/46/36	50/45/37
Sound power level	dB(A)	59/51/43	59/51/43	64/56/45	62/56/46	63/58/50	63/58/50
Fan motor	Type	AC fan motor					
	Quantity	1	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	2	2	3	3	3	3
Coil	Row	3	4	3	4	3	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×D)	mm	1240×495×200	1240×495×200	1360×495×200	1360×495×200	1360×591×200
	Packing size (W×H×D)	mm	1345×595×300	1345×595×300	1465×595×300	1465×595×300	1465×695×300
	Net weight	kg	25.5	26.3	27.3	28.5	31.7
	Gross weight	kg	32.0	33.4	34.8	36.0	40.2
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
Drain pipe	mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB/15°C WB.
3. Noise is tested in a reverberation chamber.

Specifications

2- Pipe 2nd Generation Ceiling&Floor

Model		MKH3-150-R3	MKH3-150-R4	MKH3-250-R3	MKH3-250-R4	MKH3-350-R3	MKH3-350-R4
Power supply		V/Ph/Hz220-240/1/50					
Air flow (H/M/L)	m³/h	255/165/142	255/192/139	400/273/180	425/284/184	595/447/319	595/450/319
	CFM	150/97/84	150/113/82	235/161/106	250/167/109	350/263/188	350/265/188
External static pressure		Pa12					
Cooling	Total Capacity (H/M/L)	kW	1.65/1.22/1.09	2.25/1.85/1.40	2.65/2.02/1.40	3.05/2.26/1.58	3.85/3.19/2.46
	Water flow rate (H/M/L)	m³/h	0.28/0.21/0.19	0.39/0.32/0.24	0.45/0.35/0.24	0.52/0.39/0.27	0.66/0.55/0.42
	Water pressure drop (H/M/L)	kPa	15.75/9.33/7.37	33.19/22.37/14.64	18.03/11.18/5.48	26.71/15.66/8.42	38.23/27.11/16.96
Heating	Capacity (H/M/L)	kW	1.85/1.29/1.13	2.35/1.87/1.42	3.05/2.24/1.52	3.15/2.28/1.60	4.10/3.30/2.48
	Water flow rate (H/M/L)	m³/h	0.32/0.22/0.19	0.40/0.32/0.24	0.52/0.38/0.26	0.54/0.39/0.28	0.71/0.57/0.43
	Water pressure drop (H/M/L)	kPa	15.13/8.22/6.64	33.19/22.37/14.64	17.56/10.28/5.43	23.31/12.57/6.11	35.52/24.83/14.91
Power input (H/M/L)		W	35/17/14	40/24/15	47/26/14	51/32/19	51/32/19
Sound pressure level (H/M/L)		dB(A)	35/24/21	42/35/27	34/24/18	34/25/19	39/32/23
Sound power level		dB(A)	47/35/34	53/47/39	46/37/31	47/38/32	52/44/36
Fan motor	Type	AC fan motor					
	Quantity	1	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	1	1	2	2	2	2
Coil	Row	3	4	3	4	3	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×D)	mm	596×455×200	596×455×200	826×455×200	826×455×200	1046×455×200
	Packing size (W×H×D)	mm	755×555×255	755×555×255	985×555×255	985×555×255	1205×555×255
	Net weight	kg	11.6	12.0	13.9	14.8	18.2
	Gross weight	kg	15.9	16.3	19.4	20.3	24.9
Water inlet/outlet pipe		inch	G3/4	G3/4	G3/4	G3/4	G3/4
Drain pipe		mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5

Model		MKH3-500-R3	MKH3-500-R4	MKH3-700-R3	MKH3-700-R4	MKH3-800-R3	MKH3-800-R4
Power supply		V/Ph/Hz220-240/1/50					
Air flow (H/M/L)	m³/h	790/560/392	800/574/404	1190/855/555	1150/885/591	1300/1088/782	1300/1132/836
	CFM	465/330/231	471/338/238	700/503/327	677/521/348	766/641/461	766/667/492
External static pressure		Pa12					
Cooling	Total Capacity (H/M/L)	kW	4.65/3.80/2.92	5.35/4.25/3.31	6.00/5.03/3.71	6.75/5.80/4.24	7.35/6.51/5.15
	Water flow rate (H/M/L)	m³/h	0.80/0.65/0.50	0.92/0.73/0.57	1.03/0.86/0.64	1.16/1.00/0.73	1.26/1.12/0.88
	Water pressure drop (H/M/L)	kPa	56.85/40.02/25.31	61.48/41.44/26.62	53.79/36.96/21.16	40.26/29.20/16.15	45.43/37.06/23.29
Heating	Capacity (H/M/L)	kW	5.20/3.95/3.00	5.70/4.36/3.31	6.15/5.10/3.80	7.15/5.81/4.30	8.20/7.09/5.46
	Water flow rate (H/M/L)	m³/h	0.89/0.68/0.52	0.98/0.75/0.57	1.05/0.88/0.65	1.23/1.00/0.74	1.41/1.22/0.94
	Water pressure drop (H/M/L)	kPa	56.68/37.31/23.25	60.89/37.73/21.79	57.85/38.53/21.1	42.16/28.68/14.66	44.60/34.09/19.98
Power input (H/M/L)		W	91/54/34	91/54/35	123/98/68	110/89/64	123/109/83
Sound pressure level (H/M/L)		dB(A)	48/39/31	47/40/31	50/43/33	50/44/33	51/46/36
Sound power level		dB(A)	59/51/43	59/51/43	64/56/45	62/56/46	63/58/50
Fan motor	Type	AC fan motor					
	Quantity	1	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	2	2	3	3	3	3
Coil	Row	3	4	3	4	3	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×D)	mm	1046×455×200	1046×455×200	1166×455×200	1166×455×200	1166×455×200
	Packing size (W×H×D)	mm	1205×555×255	1205×555×255	1325×555×255	1325×555×255	1325×650×255
	Net weight	kg	17.9	18.8	20.5	21.7	24.0
	Gross weight	kg	24.6	25.5	27.3	28.5	31.1
Water inlet/outlet pipe		inch	G3/4	G3/4	G3/4	G3/4	G3/4
Drain pipe		mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB/15°C WB.
3. Noise is tested in a reverberation chamber test room.
4. H3 series test with concealed tooling.

Specifications

4-Pipe 2nd Generation Ceiling&Floor

Model		MKH1-150F-R4	MKH1-250F-R4	MKH1-350F-R4	MKH1-500F-R4	MKH1-700F-R4	MKH1-800F-R4
Power supply		V/Ph/Hz220-240/1/50					
Air flow (H/M/L)	m³/h	245/180/130	380/250/160	580/430/310	780/560/390	1050/800/520	1050/910/670
	CFM	144/106/76	224/147/94	341/253/182	459/329/229	618/471/306	618/535/394
External static pressure		Pa0					
Cooling	Total Capacity (H/M/L)	kW	1.87/1.54/1.10	2.58/1.83/1.12	3.99/3.27/2.29	4.92/3.95/3.12	5.84/5.10/3.65
	Water flow rate (H/M/L)	m³/h	0.321/0.26/0.19	0.44/0.31/0.19	0.68/0.56/0.39	0.84/0.68/0.54	1.00/0.87/0.63
	Water pressure drop (H/M/L)	kPa	26.4/19.63/12.54	19.1/11.95/4.99	46.5/33.04/18.22	69.3/47.81/31.95	57.6/48.47/27.23
Heating	Capacity (H/M/L)	kW	1.62/1.35/1.10	2.19/1.52/1.06	2.88/2.44/1.95	3.55/2.97/2.44	4.25/3.74/2.91
	Water flow rate (H/M/L)	m³/h	0.14/0.12/0.10	0.19/0.13/0.09	0.25/0.21/0.17	0.31/0.26/0.21	0.37/0.32/0.25
	Water pressure drop (H/M/L)	kPa	15.0/11.01/7.7	28.6/16.83/8.5	56.7/43.35/28.5	80.0/61.29/41.8	123.45/111.75/64.74
Power input (H/M/L)		W	40/24/15	47/26/15	51/32/19	92/54/35	117/93/66
Sound pressure level (H/M/L)		dB(A)	39/34/26	35/26/20	39/32/24	48/39/30	52/43/34
Sound power level		dB(A)	52/47/39	48/39/33	52/45/37	61/52/43	65/57/47
Fan motor	Type	AC fan motor					
	Quantity	1	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	1	2	2	2	3	3
Coil	Row	4	4	4	4	4	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×D)	mm	790×495×211	1020×495×211	12400×495×211	1240×495×211	1360×495×211
	Packing size (W×H×D)	mm	895×595×300	1125×595×300	1345×595×300	1345×595×300	1465×595×300
	Net weight	kg	17.2	21.3	25.9	26.8	29.0
	Gross weight	kg	23.2	27.3	32.9	33.9	36.5
Water inlet/outlet pipe		inch	Cold water: G3/4; Hot water: G1/2				
Drain pipe		mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5

Model		MKH2-150F-R4	MKH2-250F-R4	MKH2-350F-R4	MKH2-500F-R4	MKH2-700F-R4	MKH2-800F-R4
Power supply		V/Ph/Hz220-240/1/50					
Air flow (H/M/L)	m³/h	255/192/139	425/284/184	595/450/319	800/574/404	1150/885/591	1300/1132/836
	CFM	150/113/82	250/167/109	350/265/188	471/338/238	677/521/348	766/667/492
External static pressure		Pa0					
Cooling	Sensible Capacity(H/M/L)	kW	1.50/1.20/0.78	2.05/1.39/0.84	2.94/2.38/1.60	3.80/2.95/2.25	4.90/4.25/2.95
	Total Capacity (H/M/L)	kW	1.95/1.60/1.15	2.89/2.05/1.25	4.09/3.35/2.35	5.05/4.05/3.20	6.40/5.59/4.00
	Water flow rate (H/M/L)	m³/h	0.33/0.28/0.20	0.50/0.35/0.21	0.70/0.57/0.40	0.87/0.69/0.55	1.10/0.96/0.69
Heating	Water pressure drop (H/M/L)	kPa	27.47/19.63/12.54	21.38/11.95/4.99	47.7/33.04/18.22	71.09/47.81/31.95	63.05/48.47/27.23
	Capacity (H/M/L)	kW	1.69/1.40/1.15	2.45/1.70/1.19	2.95/2.50/2.00	3.64/3.05/2.50	4.65/4.09/3.19
	Water flow rate (H/M/L)	m³/h	0.14/0.12/0.10	0.21/0.15/0.10	0.25/0.21/0.17	0.31/0.26/0.21	0.40/0.35/0.27
Power input (H/M/L)	Water pressure drop (H/M/L)	kPa	15.60/11.01/8.04	31.95/16.83/9.52	58.17/43.35/29.20	82.01/61.29/42.87	135.21/111.75/70.91
	Rated current	A	0.17/0.10/0.07	0.20/0.11/0.06	0.22/0.14/0.08	0.40/0.24/0.15	0.48/0.39/0.28
	Sound pressure level (H/M/L)	dB(A)	42/35/27	34/25/19	40/33/24	47/40/31	50/44/33
Sound power level		dB(A)	53/47/39	47/38/32	52/45/37	59/51/43	62/56/46
Fan motor	Type	AC fan motor					
	Quantity	1	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	1	2	2	2	3	3
Coil	Row	4	4	4	4	4	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×D)	mm	790×495×200	1020×495×200	1240×495×200	1240×495×200	1360×495×200
	Packing size (W×H×D)	mm	895×595×300	1125×595×300	1345×595×300	1345×595×300	1465×595×300
	Net weight	kg	17.2	21.3	25.9	26.8	29.0
	Gross weight	kg	23.2	27.3	32.9	33.9	36.5
Water inlet/outlet pipe		inch	G3/4	G3/4	G3/4	G3/4	G3/4
Drain pipe		mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 65°C, leaving water 55°C, Entering air temperature 20°C DB/15°C WB.
3. Noise is tested in a reverberation chamber test room.

Specifications

4-Pipe 2nd Generation Ceiling&Floor

Model		MKH3-150F-R4	MKH3-250F-R4	MKH3-350F-R4	MKH3-500F-R4	MKH3-700F-R4	MKH3-800F-R4
Power supply		V/Ph/Hz					
Air flow (H/M/L)		m³/h	255/192/139	425/284/184	595/450/319	800/574/404	1150/885/591
		CFM	150/113/82	250/167/109	350/265/188	471/338/238	677/521/348
External static pressure		Pa	12				
Cooling	Sensible Capacity (H/M/L)	kW	1.50/1.20/0.78	2.05/1.39/0.84	2.94/2.38/1.60	3.80/2.95/2.25	4.90/4.25/2.95
	Total Capacity (H/M/L)	kW	1.95/1.60/1.15	2.89/2.05/1.25	4.09/3.35/2.35	5.05/4.05/3.20	6.40/5.59/4.00
	Water flow rate (H/M/L)	m³/h	0.33/0.28/0.20	0.50/0.35/0.21	0.70/0.57/0.40	0.87/0.69/0.55	1.10/0.96/0.69
	Water pressure drop (H/M/L)	kPa	27.47/19.63/12.54	21.38/11.95/4.99	47.7/33.04/18.22	71.09/47.81/31.95	63.05/48.47/27.23
Heating	Capacity (H/M/L)	kW	1.69/1.40/1.15	2.45/1.70/1.19	2.95/2.50/2.00	3.64/3.05/2.50	4.65/4.09/3.19
	Water flow rate (H/M/L)	m³/h	0.14/0.12/0.10	0.21/0.15/0.10	0.25/0.21/0.17	0.31/0.26/0.21	0.40/0.35/0.27
	Water pressure drop (H/M/L)	kPa	15.60/11.01/8.04	31.95/16.83/9.52	58.17/43.35/29.20	82.01/61.29/42.87	135.21/111.75/70.91
Power input (H/M/L)		W	40/24/15	47/26/14	51/32/19	91/54/35	110/89/64
Sound pressure level (H/M/L)		dB(A)	42/35/27	34/25/19	40/33/24	47/40/31	50/44/33
Sound power level (H/M/L)		dB(A)	53/47/39	47/38/32	52/45/37	59/51/43	62/56/46
Rated current		A	0.17/0.10/0.07	0.20/0.11/0.06	0.22/0.14/0.08	0.40/0.24/0.15	0.48/0.39/0.28
Fan motor	Type	AC fan motor					
	Quantity		1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity		1	2	2	2	3
Coil	Row		4	4	4	4	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×D)	mm	596×455×200	826×455×200	1046×455×200	1046×455×200	1166×455×200
	Packing size (W×H×D)	mm	895×595×300	1125×595×300	1345×595×300	1345×595×300	1465×595×300
	Net weight	kg	12.5	15.3	18.7	19.3	22.2
	Gross weight	kg	16.8	20.8	25.4	26.0	29.0
Water inlet/outlet pipe		inch	Cold water: G3/4; Hot water: G1/2				
Drain pipe		mm	ODΦ18.5				

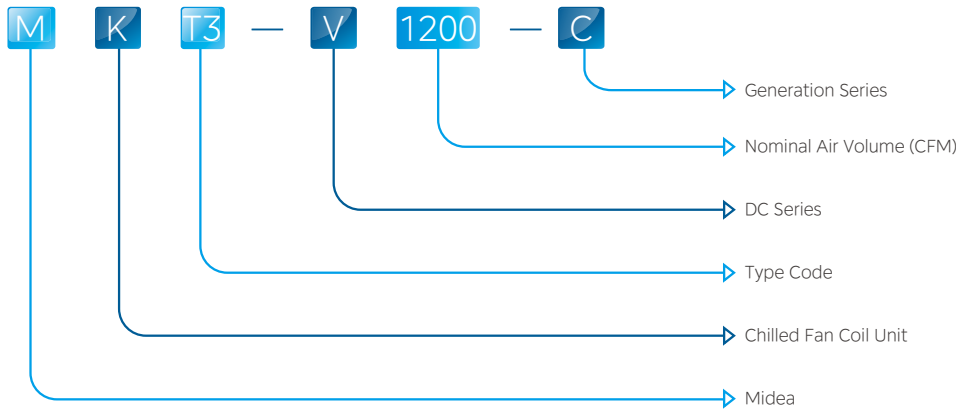
Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 65°C, leaving water 55°C, Entering air temperature 20°C DB/15°C WB.
3. Noise is tested in a reverberation chamber test room.
4. H3 series test with concealed tooling.



DC Fan Coil Units

Midea DC Fan Coil Units feature high efficiency operation combined with low sound levels due to a DC brushless fan motor. The series includes cassette units, ceiling and floor units (with or without cabinets), wall-mounted units and duct units. Air volume ranges from 150CFM to 1500CFM. These highly-versatile products are ideal for hospitals, office buildings, hospitality, airports and various other applications.

Nomenclature



Product Lineup

2-Pipe FCUs

Model		150	200	250	300	350	400	450	500
2-Pipe FCUs	1-way cassette								
	4-way cassette								
	New 4-way cassette								
	Compact 4-way cassette								
	Duct								
	Wall mounted								
	2 nd generation Ceiling&floor								

600	700	750	800	850	900	950	1000	1200	1400	1500

4-Pipe FCUs

Model		150	200	250	300	350	400	500
4-Pipe FCUs	Compact 4-way cassette							
	New 4-way cassette							
	Compact 4-way cassette							
	2 nd generation Ceiling&floor							
	Duct							

600	700	750	800	850	950	1000	1200	1500

Notes:
The standard power supply for all fan coil units is 220V-240V/50Hz; 208-230V/60Hz can be customized for some series fan coil units. For further information, please contact with our salesmen.

DC Series Functions

Functions		
Control Customization	Follow me	With the follow me function, the indoor unit responds to the temperature measured by the temperature sensor built-in the wireless remote controller.
	Anti cold air	Prevent the unit from cold supply air when starting in winter.
	Auto-restart	The unit restarts automatically with the previous settings after power failure.
	Forced fan running	After reaching the set temperature, the valve body closes and the fan operates according to the setting.
	Heat	Only electric auxiliary heating.
	Temperature compensation	Heating mode: $T2=T1+\Delta T$; Cooling mode: $T2=T1-\Delta T$ T2: Indoor Temperature, T1: Setting Temperature, ΔT : Temperature Compensation
	XYE Port	Communicate with central controllers or BMS.
	PQE Port	Communicate with Modbus.
	CCM18/CCM08/CCM15/BMS/IMM	Central controllers and BMS.
	0-10V output control	By outputting a 0-10 V level, the opening of the valve body is controlled to meet different energy requirements.
Structure Customization	0-10V input control	By inputting a 0- 10 V level to PCB, the fan motor speed is controlled to meet different energy requirements.
	Right/Left piping connection	Left and right hand piping connections are optional, flexible installation.
	Electric auxiliary heating	Increase heating capacity with additional electric heater.
	Extended drainage pan	Drainage pan accessory.
	Auxiliary drainage pan	

One-way Cassette	Compact Four-way Cassette	Four-way Cassette	Wall Mounted	2 nd Generation Ceiling & Floor	Duct
○ (KJR-29B)	○ (KJR-29B)	○ (KJR-29B)	○ (KJR-29B)	○ (KJR-29B)	✕
●	●	●	●	●	✕ ○ (MKT-C)
●	●	●	●	●	✕ ● (MKT-C)
✓	○	✓	✓	✓	✕ ● (MKT-C)
✕	✕	✕	✕	✕	✓ ✕ (Wired controller setting, MKT-C)
✓	○	✓	✓	✓	✕
○ (XYE)	○ (XYE)	○ (XYE)	●	○ (XYE)	○ (FCU-kit) ○ (MKT-C)
○	○	○	○	○	✕
○ (XYE)	○ (XYE)	○ (XYE)	●	○ (XYE)	○ (FCU-kit) ○ (XYE, MKT-C)
✕	✕	✕ ○ (New Four-way Cassette)	○	✕	✕ ○ (MKT-C)
○	✕	○	○	○	✕ ○ (MKT-C)
✕	✕	✕	✕	●	●
✕	✕	○	○	✕	✕ ○ (MKT-C)
✕	✕	✕	✕	✕	○
✕	○	○	✕	○	✕ ○ (MKT-C)

● equipped as standard; ○ customization option; ✕ without this function; ✓ switch setting

Fan Coil Unit Advantages

DC Brushless Fan Motor

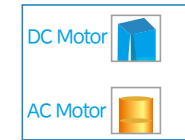
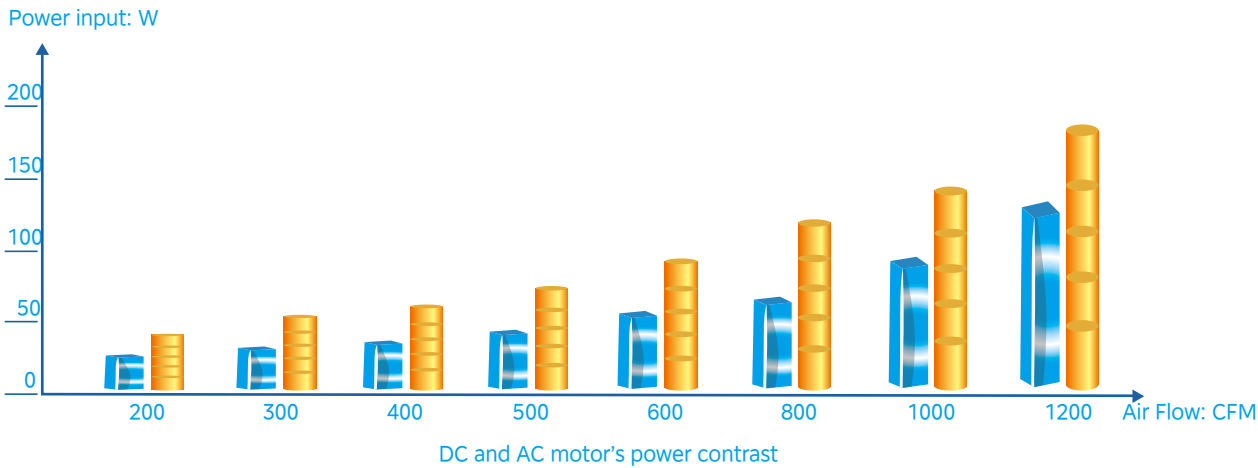
Our DC fan coil units with advanced DC driven technology, feature high energy efficiency, low noise operation and precise temperature control making them an ideal solution for hospitals, office buildings, hotels, airports and various other applications.



DC driven motor

Energy Efficiency, CE Regulatory Compliance

DC-driven fan coil units consume up to 30% less energy than their AC-driven counterparts



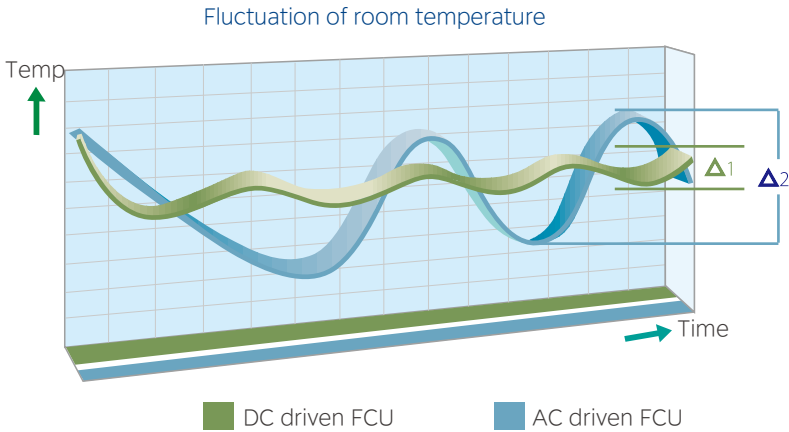
Quiet Operation

DC-driven units are 2-5dB(A) lower than comparable AC motor-driven coil units for a more serene indoor environment.



Consistent Temperature and Humidity Regulation

The DC inverter fan motor instantly adjusts airflow based on thermal load, resulting in reduced temperature fluctuation and a more comfortable living space.



Versatile Product Lineup

Midea DC Fan Coil Units include cassette units, ceiling and floor units (with or without cabinets), wall-mounted units and duct units. Air volume ranges from 150CFM to 1500CFM. These highly-versatile products are ideal for hospitals, office buildings, hospitality, airports and various other applications.



One-way Cassette



Model: 300 CFM



RM05
Standard



KJR-75A
Optional

Features

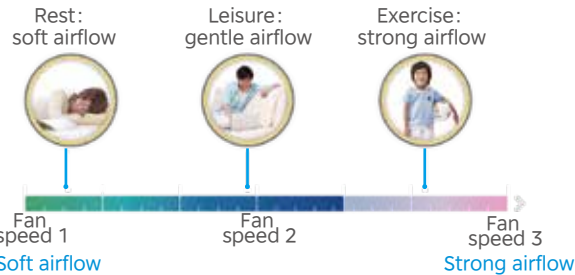
- Auto mode and 7 fan speeds (with 75A wired controller).
- Hysteresis temperature can be set in heating and cooling mode by PCB switch, field adjustable.
- With/without forced fan on can be set by PCB switch, field adjustable.
- Centralized control function connectivity via XYE port (requires customization).
- Remote on/off function capability.
- Gateway(Modbus) can be connectivity via PQE port(requires customization).
- Optional wired controller (KJR-75A).
- Compatible with 0-10V input function (requires customization).

Compact one-way cassettes are ideal for narrow spaces such as hallways, small offices and elevators.



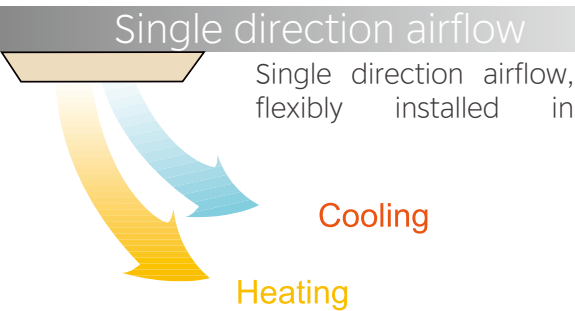
Multiple Fan Speeds

DC series fans include 3 fan speed options, providing customized comfort to suit a range of indoor conditions.



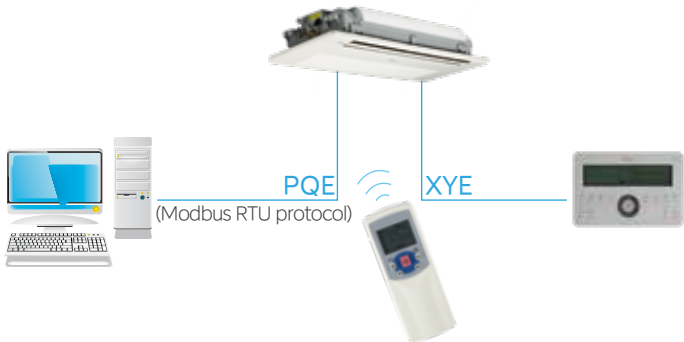
Single Direction AirFlow

Single direction airflow enables quick, targeted cooling while allowing for flexible installation positioning.



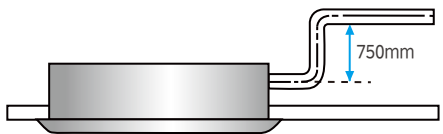
Control solutions

The fan coil units can be connected to Midea central controllers or BMS through the customized network module MD-NIM01.



High-lift Pump

Standard built-in drain pump with 750mm pump head.



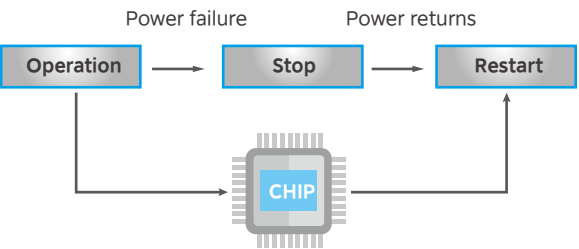
Ultra-slim, 153mm profile

Compact design with a low 153mm profile, ideal for narrow ceiling cavities and small spaces such as lobbies and small meeting rooms.



Auto restart

In the event of a sudden power failure during operation, unit restarts automatically and the unit will operate based on the previous setting (operating mode, temperature setting and fan speed).



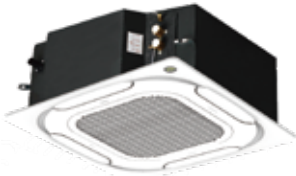
Specifications

One-way Cassette

Model			MKC-V300R-B	MKC-V400R-B	MKC-V600R-B
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	510/432/330	630/509/428	1000/786/583
		CFM	300/254/194	371/299/252	588/462/343
Cooling	Capacity (H/M/L)	kW	2.65/2.23/1.68	3.78/3.43/2.90	5.20/4.36/3.58
	Water flow rate (H/M/L)	m³/h	0.49/0.42/0.33	0.6/0.52/0.45	0.87/0.7/0.55
	Water pressure drop (H/M/L)	kPa	8.63/6.26/3.69	23.85/18.07/14.8	38.22/28.95/19.41
	Power input (H/M/L)	W	22/18/14	25/19/17	38/27/19
Heating	Capacity (H/M/L)	kW	3.15/2.83/2.29	4/3.32/2.73	5.75/4.68/3.6
	Water flow rate (H/M/L)	m3/h	0.5/0.42/0.32	0.59/0.49/0.42	0.86/0.67/0.48
	Water pressure drop (H/M/L)	kPa	13.49/9.95/6.84	23.62/20.33/15.89	45.56/32.26/18.92
	Power input (H/M/L)	W	16/11/8	25/12/10	31/20/12
Sound pressure level (H/M/L)		dB(A)	44.3/40.6/33.5	36.6/32.6/30.4	44.6/38.6/33.1
Sound power level (H/M/L)		dB(A)	54/50/43	48/43/40	56/50/44
Fan motor	Type		DC motor	DC motor	DC motor
	Quantity		1	1	1
Fan	Type		Centrifugal, forward-curved Blades		
	Quantity		1	1	1
Coil	Row		2	2	2
	Max. working pressure	MPa	1.6	1.6	1.6
	Diameter	mm	Φ7	Φ7	Φ7
Panel	Net dimensions (W×H×D)	mm	1180x25x465	1350x25x505	1350x25x505
	Packing size (W×H×D)	mm	1232x107x517	1410x95x560	1410x95x560
	Net weight	kg	3.5	4	4
	Gross weight	kg	5.2	5.4	5.4
Body	Net dimensions (W×H×D)	mm	1054x153x428	1275x189x450	1275x189x450
	Packing size (W×H×D)	mm	1155x245x490	1400×295×505	1400×295×505
	Net weight	kg	12.5	17.5	17.5
	Gross weight	kg	16.5	23.5	23.5
Pipe connections	Water inlet/outlet pipe	inch	G1/2	G1/2	G1/2
	Drain pipe	mm	ODΦ25	ODΦ25	ODΦ25

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB/15°C WB.
3. Noise is tested in semi-anechoic test room.

Four-way Cassette



Model: 600/750/850/950/1200/1500 CFM



KJR-29B
Wired controller



CCM30
Central controller



Model(New): 600/700/800/1000/1200 CFM



WDC3-86S
Wired controller



R05
Remote controller



RM12F1
Remote controller
Notes: For New Four-way Cassette

Features

4-Way Cassette	New 4-Way Cassette
4-way air supply panel as standard, new 360°air supply panel is optional	360°air supply panel is standard
Optional for NEW 360°panel	Individual louver control
R05; KJR-29B; CCM30	Compatible with V8 controllers (RM12F1; KJR-86S)
Air supply for 3 m high ceilings	Air supply for 4.5 m high ceilings
/	Human Detect Sensor (optional) / sterilization module, medium and high-efficiency filtration, etc. (optional)*
Built-in PCB and drain pump with 1200mm pump head	
Optional extended drainage pan for enhanced ceiling protection	
Compatible with 0-10V input function (optional).	
Available for 2/4 pipe system	

*If you need more information, please contact us.

360° airflow for wide-angle, evenly-distributed cooling and heating. Ideal for standard ceilings. ideal for standard ceilings.



Features

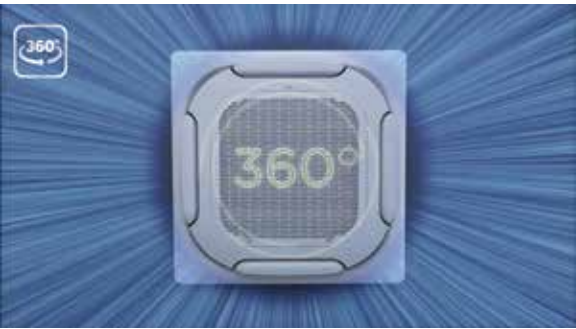
Stylish Panel with Large Airflow Outlet

4-way cassettes feature a standard 4-way air supply panel with an optional 360° panel.



NEW 360° panel

A newly-designed round air discharge ensures uniform, evenly-distributed airflow and temperature.



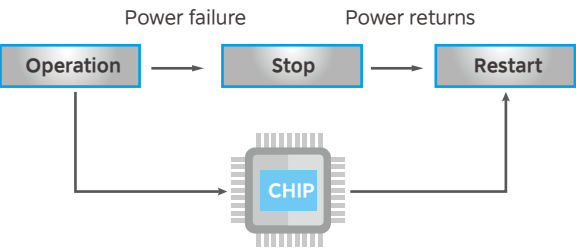
Individual Louver Control

All four louvers can be independently controlled and adjusted for more customized airflow.



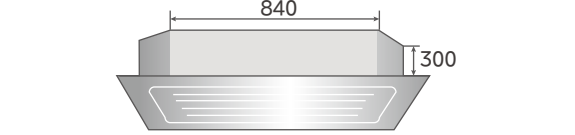
Auto restart

In the event of a sudden power failure during operation, unit restarts automatically and the unit will operate based on the previous setting (operating mode, temperature setting and fan speed).



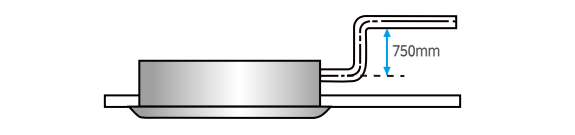
Compact, low-profile design

A low profile height of 300mm easily accommodates installation in standard ceiling cavities.



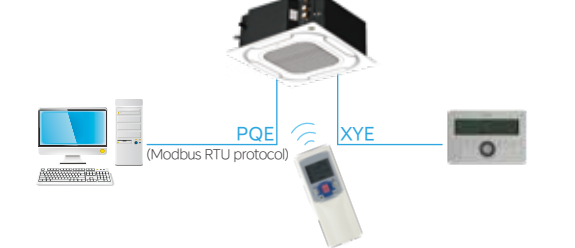
High-lift Drain Pump

A drain pump with a 750mm(1200mm for New 4-Way Cassette) pump head is fitted as standard, simplifying installation of the drain piping.



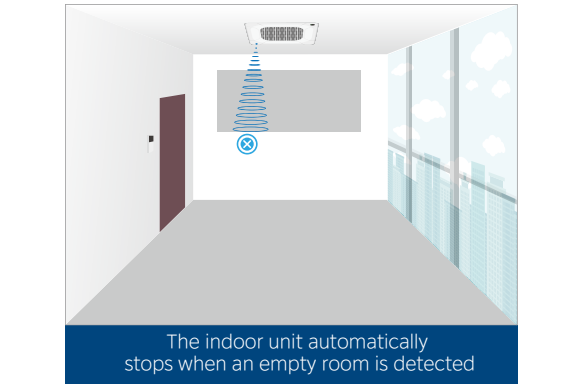
Control solutions

The fan coil units can be connected to Midea central controllers through the customized XYE port, also can be connected to Modbus gateway through the customized PQE port with Modbus RTU protocol.



Human Detect Sensor (optional for New 4-Way Cassette)

The indoor unit automatically stops when detecting absence.



Specifications

2-Pipe 4-Way Cassette

Model		MKA-V600R	MKA-V750R	MKA-V850R
Power supply		220-240V/1/50		
Air flow (H/M/L)		m³/h	1229/1020/810	1451/1146/1012
		CFM	722/600/476	853/674/595
Cooling¹	Capacity (H/M/L)	kW	6.12/5.45/4.6	7.52/6.46/5.89
	Water flow rate (H/M/L)	m³/h	1.10/0.96/0.81	1.37/1.18/1.07
	Water pressure drop (H/M/L)	kPa	26.0/21.3/12.4	20.1/15.3/12.6
	Power input (H/M/L)	W	49/31/20	68/37/30
Heating²	Capacity (H/M/L)	kW	6.27/5.88/5.43	7.88/7.48/6.76
	Water flow rate (H/M/L)	m³/h	1.39/1.20/1.00	1.66/1.39/1.25
	Water pressure drop (H/M/L)	kPa	30/22.7/16.3	26.7/18.8/15.6
	Power input (H/M/L)	W	49/32/21	66/37/28
Heating³	Capacity (H/M/L)	kW	8.62/7.49/6.27	10.37/8.72/7.88
	Water flow rate (H/M/L)	m³/h	1.10/0.96/0.81	1.37/1.18/1.07
	Water pressure drop (H/M/L)	kPa	19.1/14.8/10.6	18.2/13.6/11.1
	Power input (H/M/L)	W	49/31/19	67/37/28
Sound pressure level (H/M/L)		dB(A)	44/40/34	45/40/37
Sound power level (H/M/L)		dB(A)	55/51/45	57/52/49
Fan motor	Type	DC Motor		
	Quantity	1		
Fan	Type	Centrifugal, forward-curved Blades		
	Quantity	1		
Coil	Row	2		
	Max. Working pressure	MPa	1.6	1.6
Panel	Diameter	mm	Φ7	Φ7
	Net dimensions (W×H×D)	mm	950×45×950	950×45×950
Panel	Packing size (W×H×D)	mm	1035×90×1035	1035×90×1035
	Net weight	kg	6	6
Body	Gross weight	kg	9	9
	Net dimensions (W×H×D)	mm	840×230×840	840×300×840
Body	Packing size (W×H×D)	mm	900×237×900	900×330×900
	Net weight	kg	23	27
Pipe connections	Gross weight	kg	28	33
	Water inlet/outlet pipe	inch	RC3/4	RC3/4
	Drain pipe	mm	ODΦ32	ODΦ32

Model		MKA-V950R	MKA-V1200R	MKA-V1500R
Power supply		220-240V/1/50		
Air flow (H/M/L)		m³/h	1530/1224/1101	1871/1415/1198
		CFM	900/720/647	1100/832/704
Cooling¹	Capacity (H/M/L)	kW	7.84/6.84/6.35	11.19/8.67/7.48
	Water flow rate (H/M/L)	m³/h	1.43/1.24/1.13	1.96/1.53/1.28
	Water pressure drop (H/M/L)	kPa	22.3/18.1/16.3	36.6/22.7/16.4
	Power input (H/M/L)	W	85/59/45	137/68/48
Heating²	Capacity (H/M/L)	kW	8.49/8.00/7.35	11.86/9.48/8.25
	Water flow rate (H/M/L)	m³/h	1.71/1.45/1.33	2.35/1.86/1.59
	Water pressure drop (H/M/L)	kPa	28.8/24/20.7	49.2/31.2/23.3
	Power input (H/M/L)	W	76/43/33	130/60/41
Heating³	Capacity (H/M/L)	kW	10.86/9.24/8.49	14.92/10.64/9.13
	Water flow rate (H/M/L)	m³/h	1.43/1.24/1.13	1.96/1.53/1.28
	Water pressure drop (H/M/L)	kPa	19.9/15.2/12.6	34.3/21.3/15
	Power input (H/M/L)	W	76/42/33	127/58/39
Sound pressure level (H/M/L)		dB(A)	46/42/39	49/43/39
Sound power level (H/M/L)		dB(A)	58/54/51	61/55/51
Fan motor	Type	DC Motor		
	Quantity	1		
Fan	Type	Centrifugal, forward-curved Blades		
	Quantity	1		
Coil	Row	2		
	Max. Working pressure	MPa	1.6	1.6
Panel	Diameter	mm	Φ7	Φ7
	Net dimensions (W×H×D)	mm	950×45×950	950×45×950
Panel	Packing size (W×H×D)	mm	1035×90×1035	1035×90×1035
	Net weight	kg	6	6
Body	Gross weight	kg	9	9
	Net dimensions (W×H×D)	mm	840×300×840	840×300×840
Body	Packing size (W×H×D)	mm	900×330×900	900×330×900
	Net weight	kg	27	29.5
Pipe connections	Gross weight	kg	33	34.5
	Water inlet/outlet pipe	inch	RC3/4	RC3/4
	Drain pipe	mm	ODΦ32	ODΦ32

Notes:
H: High fan speed; M: Medium fan speed; L: Low fan speed.
1: Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/19°C WB, entering/leaving water temperature 7°C /12°C.
2: Heating mode(1): (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C.
3: Heating mode(2): (2-pipe coil): entering air temperature 20°C DB, enter water teperature/water flow 50°C/*(same water flow as in standard rating condition in cooling)
4: Noise is tested in a semi-anechoic test room.

Specifications

New 2-Pipe 4-Way Cassette

Model			MKA-V600-CA	MKA-V700-CA	MKA-V800-CA
Power supply		V/Ph/Hz	220-240/1/50		
Air flow		m³/h	1020/950/880/780/700/620/490	1190/1090/990/900/790/680/560	1360/1280/1180/1040/920/800/650
		CFM	600/558/517/458/411/364/288	700/641/582/529/464/400/329	800/752/694/611/541/470/382
Cooling	Capacity	kW	5.50/5.25/5.00/4.55/4.00/3.20/2.70	6.50/6.10/5.70/5.10/4.80/4.40/3.75	7.50/7.00/6.50/6.00/5.50/4.90/4.30
	Water flow rate	m³/h	1.04/0.97/0.90/0.81/0.71/0.58/0.49	1.20/1.08/0.99/0.90/0.82/0.76/0.70	1.33/1.23/1.13/1.06/0.96/0.85/0.77
	Water pressure drop	kPa	45/35/32/30/25/20/18	30/28/25/20/18/16/14	35/32/29/25/20/18/14
	Power input	W	40/35/30/25/20/15/12	45/35/30/25/20/15/12	60/50/40/30/25/20/15
Heating	Capacity	kW	6.50/6.20/5.90/5.25/4.85/4.30/3.55	7.50/7.20/6.60/6.10/5.50/5.00/4.10	8.50/7.90/7.20/6.60/5.90/5.40/4.70
	Water flow rate	m³/h	1.18/1.09/1.04/0.94/0.84/0.75/0.64	1.35/1.28/1.19/1.07/0.97/0.88/0.81	1.48/1.39/1.28/1.17/1.03/0.93/0.83
	Water pressure drop	kPa	45/35/32/30/25/20/18	30/28/25/20/18/16/14	35/32/29/25/20/18/14
	Power input	W	40/35/30/25/20/15/12	45/35/30/25/20/15/12	60/50/40/30/25/20/15
Sound pressure level		dB(A)	39.8/37.5/35.2/32.3/29.2/25.9/22.3	37.4/34.6/31.8/28.9/25.9/23.5/20.7	41.4/38.7/35.8/32.5/29.1/25.9/23.1
Sound power level		dB(A)	51.5/49.1/46.5/43.6/40.4/36.9/33.6	50.9/48.4/45.6/42.8/39.9/39.1/36.7	52.7/50.2/47.4/44.5/41.2/37.4/35.35
Rated current		A	0.4/0.4/0.3/0.3/0.3/0.3	0.4/0.4/0.3/0.3/0.3/0.3	0.5/0.3/0.4/0.3/0.3/0.3
Fan motor	Type		DC motor		
	Number		1		
Fan	Type		Centrifugal, forward-curved Blades		
	Number		1		
Coil	Row		2		
	Max. Working pressure	MPa	1.6		
Panel	Diameter	mm	7		
	Net dimensions (W×H×D)	mm	950*77*950	950*77*950	950*77*950
Panel	Packing size (W×H×D)	mm	1020*90*1020	1020*90*1020	1020*90*1020
	Net weight	kg	5.8	5.8	5.8
	Gross weight	kg	7.6	7.6	7.6
	Net dimensions (W×H×D)	mm	840*204*840	840*288*840	840*288*840
Body	Packing size (W×H×D)	mm	940*250*940	940*335*940	940*335*940
	Net weight	kg	19.3	23.6	23.6
	Gross weight	kg	22.3	26.2	26.2
Pipe connections	Water inlet/outlet pipe	mm	RC3/4		
	Drain pipe	mm	Φ25		

Model			MKA-V1000-CA	MKA-V1200-CA
Power supply		V/Ph/Hz	220-240/1/50	
Air flow		m³/h	1700/1600/1450/1250/1150/1000/810	1950/1850/1650/1450/1300/1150/950
		CFM	1000/941/852/735/676/588/476	1147/1088/970/852/764/676/558
Cooling	Capacity	kW	8.50/8.20/7.65/6.95/6.40/5.80/4.85	10.50/10.00/9.50/8.90/8.00/7.10/6.20
	Water flow rate	m³/h	1.56/1.46/1.35/1.22/1.12/1.01/0.86	2.02/1.89/1.76/1.64/1.50/1.32/1.16
	Water pressure drop	kPa	45/40/35/30/25/20/18	45/40/35/30/25/20/17
	Power input	W	100/80/60/50/40/30/20	200/150/110/80/60/40/30
Heating	Capacity	kW	9.50/9.35/8.75/8.10/7.40/6.60/5.80	12.00/11.20/10.50/9.95/9.00/8.00/6.90
	Water flow rate	m³/h	1.73/1.66/1.57/1.44/1.30/1.16/1.02	2.23/2.08/1.89/1.72/1.56/1.38/1.20
	Water pressure drop	kPa	45/40/35/30/25/20/18	45/40/35/30/25/20/17
	Power input	W	100/80/60/50/40/30/20	200/150/110/80/60/40/30
Sound pressure level		dB(A)	46.8/44.5/41.6/38.4/34.8/30.8/26.8	51.5/49.3/46.9/44.2/40.7/36.7/32.0
Sound power level		dB(A)	59.1/56.8/54.1/51.1/47.7/43.9/40.3	63.5/61.2/58.6/55.7/52.4/48.5/44.1
Rated current		A	0.8/0.7/0.5/0.4/0.3/0.3	1.4/1.1/0.8/0.7/0.5/0.4/0.4
Fan motor	Type		DC motor	
	Number		1	
Fan	Type		Centrifugal, forward-curved Blades	
	Number		1	
Coil	Row		2	3
	Max. Working pressure	MPa	1.6	1.6
Panel	Diameter	mm	7	7
	Net dimensions (W×H×D)	mm	950*77*950	950*77*950
Panel	Packing size (W×H×D)	mm	1020*90*1020	1020*90*1020
	Net weight	kg	5.8	5.8
	Gross weight	kg	7.6	7.6
	Net dimensions (W×H×D)	mm	840*288*840	840*288*840
Body	Packing size (W×H×D)	mm	940*335*940	940*335*940
	Net weight	kg	23.6	25.9
	Gross weight	kg	26.2	28.3
Pipe connections	Water inlet/outlet pipe	mm	RC3/4	
	Drain pipe	mm	Φ25	

Notes:
1.Cooling mode: entering air temperature 27°C DB/19°C WB, entering/leaving water temperature 7°C /12°C.
2.Heating mode: entering air temperature 20°C DB, entering/leaving water temperature 45/40°C.
3.Sound power levels are measured 1m around the unit in a semi-anechoic chamber. During in-situ operation. Sound pressure levels are measured 1m below and right of the unit in a semi-anechoic chamber.

Specifications

4-Pipe 4-Way Cassette

Model			MKA-V600FA	MKA-V750FA	MKA-V850FA
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	1184/997/783	1278/1057/855	1328/1052/927
		CFM	696/586/461	752/622/503	781/619/545
Cooling ¹	Capacity (H/M/L)	kW	4.952/4.380/3.640	5.178/4.560/3.880	5.129/4.410/4.060
	Water flow rate (H/M/L)	m³/h	0.9/0.8/0.67	0.94/0.83/0.71	0.93/0.81/0.75
	Water pressure drop (H/M/L)	kPa	14.8/11.5/8.1	15.9/12.4/9	16/14.2/10.4
	Power input (H/M/L)	W	62/44/30	72/50/35	80/49/40
Heating ²	Capacity (H/M/L)	kW	6.148/5.430/4.610	6.519/5.790/4.940	6.684/5.750/5.280
	Water flow rate (H/M/L)	m³/h	0.58/0.52/0.45	0.61/0.55/0.47	0.62/0.54/0.50
	Water pressure drop (H/M/L)	kPa	25.3/20.5/14.5	32/25.7/19.1	32.6/24.7/21.2
	Power input (H/M/L)	W	56/36/21	67/42/25	75/41/31
Heating ³	Capacity (H/M/L)	kW	7.13/6.22/5.27	7.56/6.53/5.60	7.75/6.58/6.03
	Water flow rate (H/M/L)	m³/h	0.64/0.58/0.50	0.68/0.61/0.53	0.71/0.61/0.57
	Water pressure drop (H/M/L)	kPa	36.7/29.7/21.0	46.4/37.3/27.7	47.27/35.82/30.74
	Power input (H/M/L)	W	55/36/21	68/43/25	76/42/31
Sound pressure level (H/M/L)		dB(A)	42/37/31	44/39/33	45/39/36
Sound power level (H/M/L)		dB(A)	54/49/43	56/51/45	57/51/48
Rated current		A	0.48	0.6	0.72
Fan motor	Type		7	DC motor	
	Quantity		1	1	1
Fan	Type		Centrifugal, forward-curved Blades		
	Quantity		1	1	1
Coil	Row		2	2	2
	Max. working pressure	MPa	1.6	1.6	1.6
Panel	Diameter	mm	Φ7	Φ7	Φ7
	Net dimensions (W×H×D)	mm	950×45×950	950×45×950	950×45×950
Panel	Packing size (W×H×D)	mm	1035×90×1035	1035×90×1035	1035×90×1035
	Net weight	kg	6	6	6
	Gross weight	kg	9	9	9
	Net dimensions (W×H×D)	mm	840×300×840	840×300×840	840×300×840
Body	Packing size (W×H×D)	mm	900×330×900	900×330×900	900×330×900
	Net weight	kg	27.5	27.5	27.5
	Gross weight	kg	33.5	33.5	33.5
Pipe connections	Water inlet/outlet pipe	inch	Cold water: RC3/4; Hot water: RC1/2		
	Drain pipe	mm	ODΦ32	ODΦ32	ODΦ32

Model			MKA-V950FA	MKA-V1200FA	MKA-V1500FA
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	1403/1115/1001	1642/1421/1285	1708/1297/1096
		CFM	825/656/589	966/836/756	1005/763/645
Cooling ¹	Capacity (H/M/L)	kW	5.306/4.590/4.280	7.984/7.250/6.700	8.038/6.620/5.840
	Water flow rate (H/M/L)	m³/h	0.96/0.84/0.78	1.42/1.29/1.2	1.43/1.19/1.05
	Water pressure drop (H/M/L)	kPa	16.4/12.6/10.9	33.9/30/24	33/22.6/17.7
	Power input (H/M/L)	W	90/54/43	121/83/66	139/70/49
Heating ²	Capacity (H/M/L)	kW	6.736/5.830/5.440	9.746/8.960/8.420	9.930/8.330/7.510
	Water flow rate (H/M/L)	m³/h	0.63/0.55/0.52	0.89/0.82/0.77	0.90/0.76/0.69
	Water pressure drop (H/M/L)	kPa	34/26.6/23.5	42.4/36.6/32.6	48.7/32.5/27
	Power input (H/M/L)	W	84/46/35	118/79/61	125/64/42
Heating ³	Capacity (H/M/L)	kW	7.82/6.65/6.20	11.31/11.40/8.53	11.52/9.60/8.68
	Water flow rate (H/M/L)	m³/h	0.71/0.62/0.58	1.0/0.92/0.87	1.02/0.87/0.79
	Water pressure drop (H/M/L)	kPa	49.3/38.6/34.8	61.5/43.1/47.3	70.6/47.1/39.2
	Power input (H/M/L)	W	84/45/35	118/79/61	125/64/42
Sound pressure level (H/M/L)		dB(A)			
Sound power level (H/M/L)		dB(A)	58/53/50	60/56/54	61/55/50
Rated current		A	0.72	1.08	1.32
Fan motor	Type		DC motor	DC motor	DC motor
	Quantity		1	1	1
Fan	Type		Centrifugal, forward-curved Blades		
	Quantity		1	1	1
Coil	Row		2	3	3
	Max. working pressure	MPa	1.6	1.6	1.6
Panel	Diameter	mm	Φ7	Φ7	Φ7
	Net dimensions (W×H×D)	mm	950×45×950	950×45×950	950×45×950
Panel	Packing size (W×H×D)	mm	1035×90×1035	1035×90×1035	1035×90×1035
	Net weight	kg	6	6	6
	Gross weight	kg	9	9	9
	Net dimensions (W×H×D)	mm	840×300×840	840×300×840	840×300×840
Body	Packing size (W×H×D)	mm	900×330×900	900×330×900	900×330×900
	Net weight	kg	27.5	30	30
	Gross weight	kg	32.4	35	35
Pipe connections	Water inlet/outlet pipe	inch	Cold water: RC3/4; Hot water: RC1/2		
	Drain pipe	mm	ODΦ32	ODΦ32	ODΦ32

Notes:
H: High fan speed; M: Medium fan speed; L: Low fan speed.
1: Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/1 9°C WB, entering/leaving water temperature 7°C /12°C.
2: Heating mode(1): (4-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 65/55°C.
3: Heating mode(2): (4-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 70/60°C.
4.Sound pressure level is tested in a semi-anechoic test room.
5.Sound power level is tested in a reverberation chamber test room.

Specifications

New 4-Pipe 4-Way Cassette

Model			MKA-V600F-CA		MKA-V700F-CA		MKA-V800F-CA		
Power supply		V/Ph/Hz			220-240/1/50				
Air flow		m³/h	1020/930/870/800/720/620/520		1190/1080/950/880/790/680/560		1360/1250/1120/1000/900/800/660		
		CFM	600/547/511/470/423/364/305		700/635/558/517/464/400/329		800/735/658/588/529/470/388		
Cooling	Capacity	kW	4.70/4.40/4.00/3.70/3.40/3.00/2.65		5.00/4.70/4.40/4.15/3.90/3.55/3.00		5.50/5.20/4.90/4.60/4.20/3.80/3.40		
	Water flow rate	m³/h	0.88/0.82/0.74/0.65/0.60/0.53/0.46		0.90/0.88/0.83/0.77/0.74/0.67/0.63		1.02/0.98/0.92/0.86/0.76/0.69/0.62		
	Water pressure drop	kPa	30/28/26/25/22/16/14		35/32/30/27/25/20/15		40/35/30/28/22/18/17		
	Power input	W	40/30/25/20/15/12/10		45/35/30/25/20/15/13		60/50/40/30/25/20/15		
Heating	Capacity	kW	7.30/6.90/6.40/6.00/5.30/4.40/3.80		7.00/7.00/6.70/6.40/6.30/5.50/4.65		7.50/7.10/6.70/6.35/5.95/5.50/5.20		
	Water flow rate	m³/h	0.68/0.63/0.59/0.55/0.50/0.41/0.33		0.71/0.68/0.64/0.61/0.57/0.51/0.41		0.79/0.74/0.69/0.63/0.59/0.53/0.46		
	Water pressure drop	kPa	30/28/26/25/22/16/14		35/32/30/27/25/20/15		40/35/30/28/22/18/17		
	Power input	W	40/30/25/20/15/12/10		45/35/30/25/20/15/13		60/50/40/30/25/20/15		
Sound pressure level		dB(A)	34.2/31.5/29.0/26.3/24.1/21.8/20.6		37.4/34.5/31.6/28.4/25.6/23.2/21.0		41.2/38.6/35.7/32.2/28.9/25.6/22.8		
Sound power level		dB(A)	46.8/44.1/41.4/38.4/35.4/32.4/30.3		49.7/47.1/44.2/41.2/37.9/35.0/31.8		53.5/50.9/48.0/44.9/41.6/38.0/35.1		
Rated current		A	0.4/0.4/0.3/0.3/0.3/0.3/0.3		0.4/0.4/0.4/0.3/0.3/0.3/0.3		0.5/0.4/0.4/0.3/0.3/0.3/0.3		
Fan motor	Type	DC motor							
	Number	1							
Fan	Type	Centrifugal, forward-curved Blades							
	Number	1							
Coil	Row	2							
	Max. Working pressure	MPa	1.6						
	Diameter	mm	7						
Panel	Net dimensions (W×H×D)	mm	950*77*950		950*77*950		950*77*950		
	Packing size (W×H×D)	mm	1020*90*1020		1020*90*1020		1020*90*1020		
	Net weight	kg	5.8		5.8		5.8		
	Gross weight	kg	7.6		7.6		7.6		
Body	Net dimensions (W×H×D)	mm	840*288*840		840*288*840		840*288*840		
	Packing size (W×H×D)	mm	940*335*940		940*335*940		940*335*940		
	Net weight	kg	23.9		23.9		23.9		
	Gross weight	kg	26.4		26.4		26.4		
Pipe connections	Water inlet/outlet pipe	mm	RC3/4-RC1/2						
	Drain pipe	mm	Φ25						

Model		MKA-V1000F-CA		MKA-V1200F-CA	
Power supply		V/Ph/Hz		220-240/1/50	
Air flow		m³/h	1703/1259/807	2042/1507/966	
		CFM	1000/741/475	1200/886/568	
Cooling	Capacity	kW	9.01/7.16/5.12	10.03/8.13/5.98	
	Water flow rate	m³/h	1.6/1.25/0.89	1.8/1.42/1.04	
	Water pressure drop	kPa	38.95/24.65/13.18	47.72/30.75/17.05	
	Power input	W	110/48/19	186/76/27	
Heating	Capacity	kW	9.42/7.88/6.04	10.79/9.04/7.04	
	Water flow rate	m³/h	0.82/0.7/0.53	0.94/0.79/0.61	
	Water pressure drop	kPa	43.59/32.29/19.22	48.84/35.28/21.82	
	Power input	W	109/47/18	186/74/25	
Sound pressure level		dB(A)	46.9/38.8/27.5	51.3/43.6/31.8	
Sound power level		dB(A)	60.1/52.2/41.2	64.4/56.7/45.8	
Rated current		A	1/0.5/0.3	1.6/0.8/0.4	
Fan motor	Type	DC motor			
	Number	1			
Fan	Type	Centrifugal, forward-curved Blades			
	Number	1			
Coil	Row	3			
	Max. Working pressure	MPa	1.6		
Panel	Diameter	mm	7		
	Net dimensions (W×H×D)	mm	950*77*950		950*77*950
	Packing size (W×H×D)	mm	1020*90*1020		1020*90*1020
	Net weight	kg	5.8		5.8
Body	Gross weight	kg	7.6		7.6
	Net dimensions (W×H×D)	mm	840*288*840		840*288*840
	Packing size (W×H×D)	mm	940*335*940		940*335*940
	Net weight	kg	26.2		26.2
Pipe connections	Gross weight	kg	28.6		28.6
	Water inlet/outlet pipe	mm	RC3/4-RC1/2		
	Drain pipe	mm	Φ25		

Notes:
1.Cooling mode: entering air temperature 27°C DB/19°C WB, entering/leaving water temperature 7°C /12°C.
2. Heating mode: entering air temperature 20°C DB, entering/leaving water temperature 65/55°C.
3.Sound power levels are measured 1m around the unit in a semi-anechoic chamber. During in-situ operation. Sound pressure levels are measured 1m below and right of the unit in a semi-anechoic chamber.

Compact Four-way Cassette



Model: 300/400/500 CFM



R05
Standard



KJR-29B
Optional

Features

- Standard 360° air supply panel.
- Built-in PCB and drain pump with 500mm pump head.
- Remote controller with LED display is standard, wired controller is optional.
- Safety grill for safety maintenance.
- Optional extended drainage pan enhanced ceiling protection.
- Available for 2/4 pipe system.

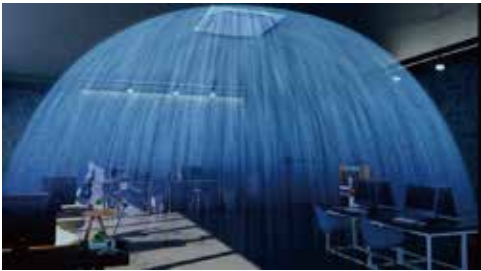
Compact design allows installation in shallow ceilings.



Features

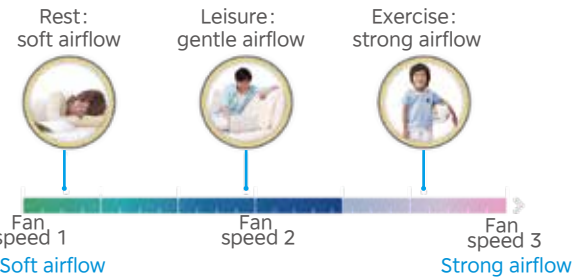
360 ° Airflow

The Compact Four-way Cassette's 360 ° air outlets provide strong airflow circulation to cool or heat every corner of a room and evenly control temperature.



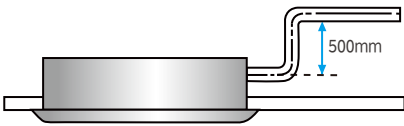
Multiple Fan Speeds

3 fan speed options provide customized comfort to suit a range of indoor conditions.



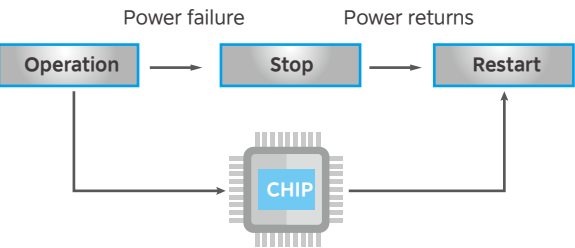
High-lift Drain Pump

A drain pump with a 500mm pump head is fitted as standard, simplifying installation of the drain piping.



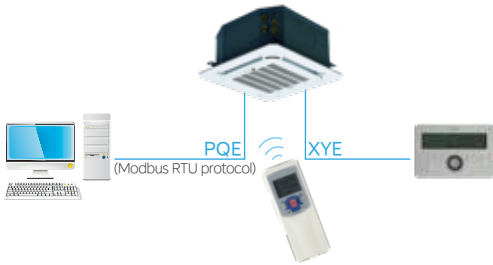
Auto restart

In the event of a power failure during operation, the unit restarts automatically and reverts to the previous settings (operating mode, temperature setting and fan speed).



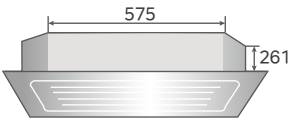
Control solutions

The fan coil units can be connected to Midea centralized controllers through the customized XYE port, also can be connected to Modbus gateway through the customized PQE port with Modbus RTU protocol.

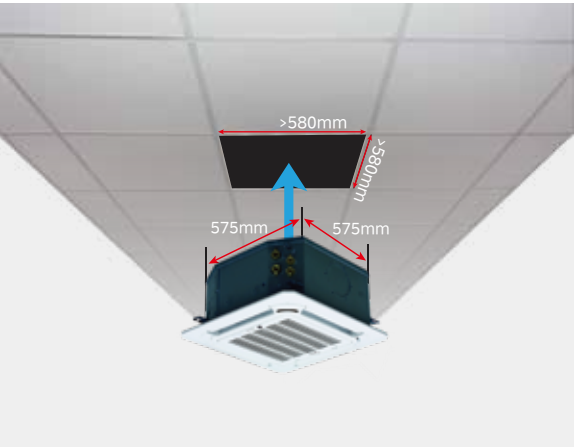


Compact design

300-500 series models feature an ultra-low height of just 261mm making our Compact 4-way Cassettes ideal for installation in standard ceiling cavities.



575mm x 575mm dimensions mean our Compact 4-way Cassette easily fits in a standard 585mm ceiling grid.



Specifications

2-Pipe Compact 4-Way Cassette / 4-Pipe Compact 4-Way Cassette

Model			MKD-V300	MKD-V400	MKD-V500
Power supply			V/Ph/Hz		
Air flow (H/M/L)			m³/h	535/429/322	719/477/381
			CFM	315/252/189	423/281/224
Cooling¹	Capacity (H/M/L)	kW	2.98/2.53/2	3.96/3.26/2.76	4.2/3.48/3.01
	Water flow rate(H/M/L)	m³/h	0.53/0.45/0.35	0.7/0.58/0.51	0.75/0.61/0.54
	Water pressure drop(H/M/L)	kPa	10/7/5	11.50/8.20/6.50	12.30/8.60/7.40
	Power input(H/M/L)	W	22.7/9/5	37/15/9	43/28/21
Heating²	Capacity (H/M/L)	kW	2.61/2.31/2.24	4.08/3.34/2.73	4.95/3.99/3.26
	Water flow rate(H/M/L)	m³/h	0.64/0.54/0.42	0.83/0.67/0.56	0.87/0.70/0.58
	Water pressure drop(H/M/L)	kPa	12.1/8.5/5.3	12.68/8.6/6	9.4/8.23/6.1
	Power input(H/M/L)	W	15/9/5	28/16/10	33/18/11
Heating³	Capacity (H/M/L)	kW	4.01/3.35/2.61	4.78/3.84/3.16	5.76/4.69/3.84
	Water flow rate(H/M/L)	m³/h	0.53/0.45/0.35	0.7/0.58/0.51	0.75/0.61/0.54
	Water pressure drop(H/M/L)	kPa	8.2/6/3.8	12.68/6.4/4.92	11.41/6.5/5.41
	Power input(H/M/L)	W	14/9/5	28/16/10	33/18/11
Sound pressure level			(H/M/L)	dB(A)	39/33/27
Sound power level			(H/M/L)	dB(A)	51/45/39
Fan motor			Type	DC Motor	DC Motor
			Quantity	1	1
Fan			Type	Centrifugal, forward-curved Blades	
			Quantity	1	1
Coil	Row		2	2	2
	Max. working pressure	MPa	1.6	1.6	1.6
	Diameter	mm	Φ7	Φ7	Φ7
Panel	Net dimensions (W×H×D)	mm	647×50×647	647×50×647	647×50×647
	Packing size (W×H×D)	mm	715×123×715	715×123×715	715×123×715
	Net weight	kg	2.5	2.5	2.5
	Gross weight	kg	4.5	4.5	4.5
Body	Net dimensions (W×H×D)	mm	575×261×575	575×261×575	575×261×575
	Packing size (W×H×D)	mm	675×320×675	675×320×675	675×320×675
	Net weight	kg	15.5	15.5	15.5
	Gross weight	kg	20.5	20.5	20.5
Pipe connections	Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4
	Drain pipe	mm	ODΦ25	ODΦ25	ODΦ25

Model			MKD-V300FA	MKD-V400FA	MKD-V500FA
Power supply			V/Ph/Hz		
Air flow (H/M/L)			m³/h	493/395/295	669/523/415
			CFM	290/232/173	394/308/244
Cooling¹	Capacity (H/M/L)	kW	2.161/1.860/1.490	2.777/2.380/2.050	3.100/2.70/2.30
	Water flow rate(H/M/L)	m³/h	0.42/0.37/0.3	0.53/0.46/0.4	0.56/0.49/0.43
	Water pressure drop(H/M/L)	kPa	17.4/13.5/9.3	13.15/9.4/7	16.8/13.1/10.3
	Power input(H/M/L)	W	24/18/14	38/35/30	42/27/20
Heating²	Capacity (H/M/L)	kW	3.131/2.630/2.080	3.711/3.140/2.650	3.942/3.300/2.830
	Water flow rate(H/M/L)	m³/h	0.32/0.28/0.23	0.37/0.32/0.28	0.42/0.36/0.32
	Water pressure drop(H/M/L)	kPa	23.5/17.1/11.3	24.1/17.9/13.1	26.8/19.2/14.5
	Power input(H/M/L)	W	17/10/6	32/18/11	35/18/11
Heating³	Capacity (H/M/L)	kW	3.63/2.99/2.36	4.30/3.58/3.02	4.57/3.79/3.22
	Water flow rate(H/M/L)	m³/h	0.36/0.31/0.25	0.41/0.36/0.31	0.47/0.40/0.36
	Water pressure drop(H/M/L)	kPa	34.1/24.8/16.4	34.9/26.0/19.0	38.9/27.8/21.0
	Power input(H/M/L)	W	17/10/6	31/18/11	35/19/11
Sound pressure level			(H/M/L)	dB(A)	44/39/31
Sound power level			(H/M/L)	dB(A)	56/51/43
Rated current			A	0.24	0.36
Fan motor			Type	DC motor	DC motor
			Quantity	1	1
Fan			Type	Centrifugal, forward-curved Blades	
			Quantity	1	1
Coil	Row		2	2	2
	Max. working pressure	MPa	1.6	1.6	1.6
	Diameter	mm	Φ7	Φ7	Φ7
Panel	Net dimensions (W×H×D)	mm	647×50×647	647×50×647	647×50×647
	Packing size (W×H×D)	mm	715×123×715	715×123×715	715×123×715
	Net weight	kg	2.5	2.5	2.5
	Gross weight	kg	4.5	4.5	4.5
Body	Net dimensions (W×H×D)	mm	575×261×575	575×261×575	575×261×575
	Packing size (W×H×D)	mm	675×320×675	675×320×675	675×320×675
	Net weight	kg	16.7	16.7	16.7
	Gross weight	kg	22.7	22.7	22.7
Pipe connections	Water inlet/outlet pipe	inch	Cold water: G3/4; Hot water: G1/2		
	Drain pipe	mm	ODΦ25	ODΦ25	ODΦ25

Notes:
H: High fan speed; M: Medium fan speed; L: Low fan speed.
1. Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/1 9°C WB, entering/leaving water temperature 7°C /12°C.
2. Heating mode(1): (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C.
3. Heating mode(2): (2-pipe coil): entering air temperature 20°C DB, enter water teperature/water flow 50°C/* (same water flow as in standard rating condition in cooling)
4. Heating mode(1): (4-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 65/55°C.
5. Heating mode(2): (4-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 70/60°C.
6. Sound pressure level is tested in a semi-anechoic test room.
7. Sound power level is tested in a reverberation chamber test room.

Duct series

Features



Model: 200/300/400/500/600/
700/800/1000/1200/1400CFM



Remote control need a
display box assembly



WDC3-86S
Optional, only for
MKT-V-C series

Features

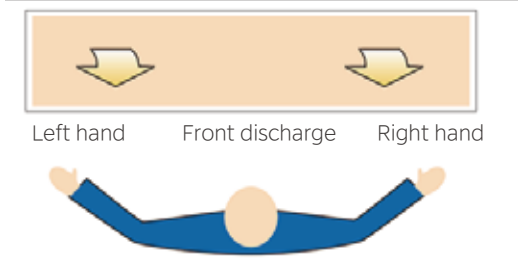
- 3 row for 2-pipe system; 4 row for 4-pipe system
- Adjustable static pressure (12/30/50Pa) using PCB dial. MKT-V-C series adjustable using wired controller.
- Washable filter: Iron frame filter is standard with optional aluminum frame (requires customization).
- Compatible with both rear air returns (standard) and bottom returns (optional).
- Left or right hand piping connections designed to be set at the factory.

Slim, compact design for limited space with duct distribution to the indoor space.



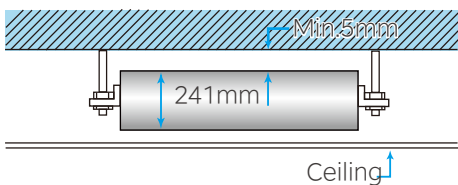
Flexible Installation

Left and right hand piping connections are optional, flexible installation.



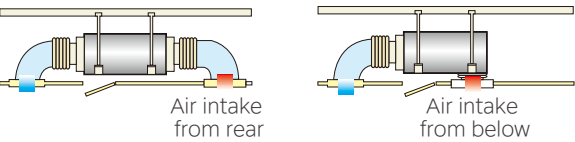
Compact Size

Ultra-low 261mm profile is ideal for installation in standard ceiling cavities.



Flexible Air Inlet Port Installation

The air inlet can be located on either the underside or rear of the unit to accommodate differing installation scenarios.

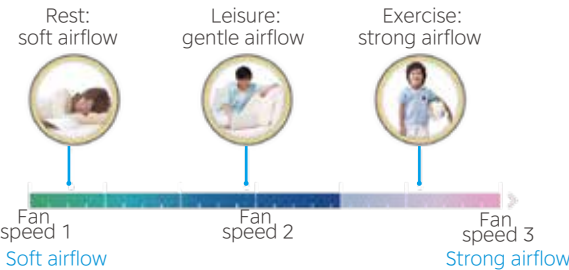


An optional extended water pan protects the ceiling from excess moisture.



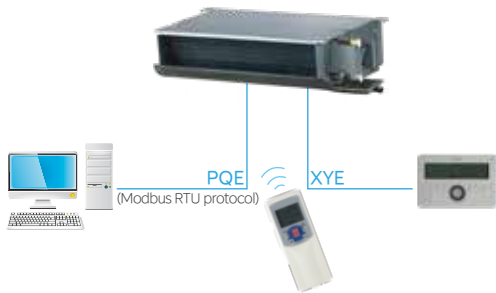
Multiple Fan Speeds

7 indoor fan speed options for MKT-C series and 3 indoor fan speed options for MKT series to meet the needs of different indoor conditions.



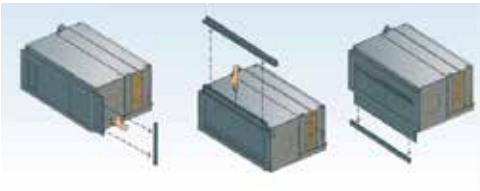
Control solutions

The MKT duct series can be controlled using the wired controller or with a centralized controller or BMS.



Washable filter

An iron-framed filter is standard. Optional aluminum frame is also available (requires customization). Air outlet flange and multi-direction pull-out filter is available with customization.



Specifications

2-pipe 3-row

Model			MKT3-V200G12-CL	MKT3-V300G12-CL	MKT3-V400G12-CL	MKT3-V500G12-CL	MKT3-V600G12-CL
Power supply		V/Ph/Hz	220-240V/1/50				
Air flow (H/M/L)		m³/h	374/301/228	550/421/307	734/584/436	800/622/456	1022/810/552
		CFM	220/177/134	324/248/181	432/344/256	471/366/268	601/476/325
Standard external static pressure		Pa	12Pa (default); 30/50Pa a can be set through dial switch on the PCB or by wired controller				
Cooling	Capacity (H/M/L)	kW	2.45/2.05/1.59	3.35/2.89/2.21	4.25/3.69/2.88	4.55/3.92/2.97	5.85/4.88/3.66
	Water flow rate (H/M/L)	m³/h	17.0/13.7/10.94	23.0/17.6/10.6	19.0/14.7/9.4	23.00/18.96/12.11	34.0/26.5/16.9
	Water pressure drop (H/M/L)	kPa	0.41/0.35/0.28	0.59/0.49/0.37	0.76/0.63/0.49	0.80/0.67/0.54	1.00/0.84/0.65
Heating	Capacity (H/M/L)	kW	2.68/2.24/1.83	3.95/3.25/2.51	5.00/4.31/3.36	5.50/4.38/3.20	6.90/5.66/4.21
	Water pressure drop (H/M/L)	kPa	17.00/13.10/11.86	25.0/18.1/11.2	21.0/15.9/9.9	25.00/19.93/11.95	38.0/28.7/18.6
	Water flow rate (H/M/L)	m³/h	0.45/0.38/0.33	0.67/0.55/0.42	0.89/0.74/0.57	0.92/0.76/0.59	1.16/0.96/0.75
Power input (H/M/L)		W	17.0/12.0/9.0	23.0/15.0/10.0	34.0/22.0/13.0	37.0/26.0/14.0	64.0/36.0/19.0
Auxiliary electric heater (AEH)		W	500	600	1000	1000	1500
Sound pressure level		dB(A)	39/33/25	37/31/22.5	43/37.5/30	45/39/31	49.5/43.5/34
Fan motor	Type	DC motor					
	Quantity	1					
Fan	Type	Centrifugal, forward-curved blades					
	Quantity	1	2	2	2	2	
Coil	Row	3					
	Max. working pressure	MPa	1.6MPa				
	Diameter	mm	7				
Net dimensions (W×H×D)		mm	632×243×482	773×243×482	908×243×482	908×243×482	1003×243×482
Packing size (W×H×D)		mm	698×270×520	843×270×520	978×270×520	978×270×520	1073×270×520
Net weight		kg	14	17.2	19.2	19.2	21.7
Gross weight		kg	16	19.5	22.2	22.2	24.5
Water inlet/outlet pipe		inch	RC3/4				
Drain pipe		inch	ZG3/4				

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions : water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19°C WB, with air return plenum and filter 0Pa;
3. Heating conditions : water inlet 45°C, water outlet 40°C, entering air temperature 20°C DB, with air return plenum and filter 0Pa;
4. Sound pressure level is tested in the semi-anechoic room with background noise is 17.5dB (A), when the unit is without accessories and running in dry condition, at 1m below & 1m front the vertical center line of the unit with 1m outlet duct;
5. Air flow is tested under dry condition, 20 °C DB, with air return plenum and filter;
6. Left and right unit can be changed in the field, but cooling should be multiplied with correction factor 0.9;
7. The performance data on above sheet was tested under 220V~50Hz;
8. Auxiliary electric heater (AEH) is optional;
9. All specifications are subject to change by the manufacturer without prior notice.
10.According to Eurovent certification requirements, the airflow, cooling, and heating tests are all conducted at 0 Pa conditions.

Specifications

2-pipe 3-row

Model			MKT3-V700G12-CL	MKT3-V800G12-CL	MKT3-V1000G12-CL	MKT3-V1200G12-CL	MKT3-V1400G12-CL
Power supply		V/Ph/Hz	220-240V/1/50				
Air flow (H/M/L)		m³/h	1190/1015/806	1400/1082/816	1650/1201/746	1750/1222/912	2250/1952/1675
		CFM	700/597/474	824/636/480	971/706/439	1029/719/537	1324/1148/985
Standard external static pressure		Pa	12Pa (default); 30/50Pa a can be set through dial switch on the PCB or by wired controller				
Cooling	Capacity (H/M/L)	kW	6.50/6.04/5.09	8.02/6.65/5.37	9.05/7.10/4.97	10.08/7.25/6.02	11.11/10.58/9.77
	Water flow rate (H/M/L)	m³/h	22.0/19.0/15.6	32.00/26.06/18.05	32.00/22.01/11.71	27.0/20.7/14.0	33.00/29.29/25.92
	Water pressure drop (H/M/L)	kPa	1.19/1.05/0.91	1.36/1.17/0.94	1.58/1.26/0.88	1.69/1.44/1.16	2.02/1.84/1.71
Heating	Capacity (H/M/L)	kW	7.60/6.96/5.81	9.40/7.36/5.82	11.00/8.02/5.41	11.83/8.32/6.78	12.67/11.98/10.59
	Water pressure drop (H/M/L)	kPa	25.0/21.1/16.2	41.00/25.33/16.36	33.00/21.55/10.90	26.00/20.12/13.30	34.00/30.41/25.26
	Water flow rate (H/M/L)	m³/h	1.38/1.22/1.05	1.53/1.26/0.98	1.78/1.36/0.92	1.94/1.64/1.30	2.23/2.04/1.84
Power input (H/M/L)		W	75.0/52.0/33.0	75.0/43.0/23.0	119.0/54.0/19.0	119.0/54.0/29.0	119.0/90.0/64.0
Auxiliary electric heater (AEH)		W	1500	2000	2000	2500	2500
Sound pressure level		dB(A)	51/45/40	49.5/43/36	54.5/46/34	49.5/42.5/33.5	53/50/46.5
Fan motor	Type	DC motor					
	Quantity	1					
Fan	Type	Centrifugal, forward-curved blades					
	Quantity	2	3	3	4	4	
Coil	Row	3					
	Max. working pressure	MPa	1.6MPa				
	Diameter	mm	7				
Net dimensions (W×H×D)		mm	1178×243×482	1368×243×482	1368×243×482	1658×243×482	1898×243×482
Packing size (W×H×D)		mm	1248×270×520	1438×270×520	1438×270×520	1728×270×520	1968×270×520
Net weight		kg	23.5	27.7	27.7	33.8	37
Gross weight		kg	26.8	30.7	30.7	38.3	41.5
Water inlet/outlet pipe		inch	RC3/4				
Drain pipe		inch	ZG3/4				

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions : water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19°C WB, with air return plenum and filter 0Pa;
3. Heating conditions : water inlet 45°C, water outlet 40°C, entering air temperature 20°C DB, with air return plenum and filter 0Pa;
4. Sound pressure level is tested in the semi-anechoic room with background noise is 17.5dB (A), when the unit is without accessories and running in dry condition, at 1m below & 1m front the vertical center line of the unit with 1m outlet duct;
5. Air flow is tested under dry condition, 20 °C DB, with air return plenum and filter;
6. Left and right unit can be changed in the field, but cooling should be multiplied with correction factor 0.9;
7. The performance data on above sheet was tested under 220V~50Hz;
8. Auxiliary electric heater (AEH) is optional;
9. All specifications are subject to change by the manufacturer without prior notice.
10.According to Eurovent certification requirements, the airflow, cooling, and heating tests are all conducted at 0 Pa conditions.

Specifications

4-pipe 4-row

Model			MKT4-V200FG12-CL	MKT4-V300FG12-CL	MKT4-V400FG12-CL	MKT4-V500FG12-CL	MKT4-V600FG12-CL
Power Supply	V/Ph/Hz		230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
	m³/h		450/313/179	620/558/502	760/696/628	940/785/636	1050/894/741
Air Flow		CFM	264/184/105	364/328/295	447/409/369	552/461/374	617/525/435
Standard External Static Pressure		Pa	The factory default 12Pa,30/50Pa can adjust in the field				
Cooling	Cooling Capacity (H/M/L)	kW	2.70/2.04/1.30	3.50/3.23/2.92	4.30/3.99/3.71	4.90/4.30/3.68	5.80/5.17/4.50
	Water Pressure Drop (H/M/L)	kPa	34.02/23.12/14.82	30.29/26.78/23.80	21.14/18.70/16.50	28.20/22.54/17.1	40.32/32.90/25.74
	Water flow rate (H/M/L)	m³/h	0.49/0.36/0.23	0.62/0.56/0.51	0.74/0.69/0.64	0.84/0.73/0.63	0.99/0.88/0.76
Heating	Heating Capacity (H/M/L)	kW	2.70/2.21/1.50	4.30/4.04/3.78	5.40/5.22/4.93	6.10/5.58/4.98	6.70/6.17/5.53
	Water Pressure Drop (H/M/L)	kPa	43.71/32.11/20.66	24.72/23.10/21.65	31.82/28.91/26.11	37.80/32.10/26.14	49.14/42.24/35.14
	Water flow rate (H/M/L)	m³/h	0.24/0.19/0.13	0.37/0.35/0.33	0.476/0.459/0.433	0.53/0.49/0.43	0.57/0.52/0.47
Power Input(Cooling)		W	25/13/7	28/22/17	38/31/26	59/40/26	66/44/29
Power Input(Heating)		W	27/13/6	31/25/19	42/34/28	64/43/28	70/47/30
Current(Cooling)		A	0.2/0.1/0.1	0.4/0.3/0.3	0.3/0.3/0.2	0.4/0.3/0.2	0.5/0.3/0.2
Current(Heating)		A	0.3/0.2/0.2	0.4/0.3/0.3	0.3/0.3/0.3	0.5/0.3/0.2	0.5/0.4/0.3
Sound Pressure Level(H/M/L)		dB(A)	37/27.5/20.5	37/34.5/32	40.5/38.5/36.5	45/40.5/37.5	45/41.5/37.5
Fan Motor	Type	/	DC Motor				
	Quantity	/	1				
Fan	Type	/	Centrifugal, forward-curved blades				
	Quantity	/	1	2	2	2	2
	Row	/	/	/	/	/	/
Coil	Max Working Pressure	Mpa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7	Φ7	Φ7	Φ7	Φ7
Body	Dimension(W*H*D)	mm	632x243x482	773x243x482	908x243x482	908x243x482	1003x243x482
	Packing(W*H*D)	mm	698*270*520	843*270*520	978*270*520	978*270*520	1073*270*520
	NetWeight	Kg	13.5	16	19	19	20.5
	GrossWeight	Kg	16	19.5	22	22	24
Water Inlet/Outlet Pipe		Inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4
Drain Pipe		Inch	ZG3/4	ZG3/4	ZG3/4	ZG3/4	ZG3/4

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19°C WB, with air return plenum and filter, 0Pa;
3. Heating conditions (H speed): water inlet 65°C, water outlet 55°C, entering air temperature 20°C DB, with air return plenum and filter, 0Pa;
4. The above sound level is tested in the semi-anechoic room with background level 17.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB/14.5WB;
6. All specifications are subject to change by the manufacturer without prior notice.
7. According to Eurovent certification requirements, the airflow, cooling, and heating tests are all conducted at 0 Pa conditions.

Specifications

4-pipe 4-row

Model			MKT4-V700FG12-CL	MKT4-V800FG12-CL	MKT4-V1000FG12-CL	MKT4-V1200FG12-CL	MKT4-V1400FG12-CL
Power Supply	V/Ph/Hz		230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
	m³/h		1250/1068/890	1400/1209/1025	1560/1359/1161	1800/1521/1234	2380/1942/1501
Air Flow		CFM	735/628/523	823/711/602	917/799/682	1058/894/725	1400/1142/882
Standard External Static Pressure		Pa	The factory default 12Pa,30/50Pa can adjust in the field				
Cooling	Cooling Capacity (H/M/L)	kW	6.70/6.03/5.24	7.60/6.85/6.09	8.20/7.49/6.72	9.70/8.62/7.42	12.20/10.50/8.62
	Water Pressure Drop (H/M/L)	kPa	27.11/22.01/17.20	31.60/27.71/24.2	35.20/31.59/27.64	31.08/26.50/21.97	46.30/37.08/28.19
	Water flow rate (H/M/L)	m³/h	1.13/1.01/0.87	1.32/1.2/1.07	1.43/1.32/1.19	1.68/1.49/1.28	2.16/1.85/1.51
Heating	Heating Capacity (H/M/L)	kW	6.70/6.18/5.58	10.10/9.34/8.50	10.60/9.92/9.07	10.70/9.72/8.66	13.40/12.10/10.46
	Water Pressure Drop (H/M/L)	kPa	47.92/41.42/34.72	52.34/46.15/40.35	56.42/49.68/44.56	30.86/27.11/23.5	45.42/39.1/32.07
	Water flow rate (H/M/L)	m³/h	0.56/0.52/0.47	0.89/0.82/0.75	0.94/0.86/0.8	0.93/0.84/0.75	1.16/1.05/0.91
Power Input(Cooling)		W	80/53/34	75/53/36	101/71.48	94/62/39	146/86/47
Power Input(Heating)		W	86/57/36	84/59/40	114/78/52	105/69/43	165/98/53
Current(Cooling)		A	0.6/0.4/0.3	0.6/0.5/0.4	0.8/0.6/0.4	0.7/0.5/0.4	1/0.6/0.4
Current(Heating)		A	0.6/0.4/0.3	0.6/0.5/0.4	0.8/0.6/0.5	0.8/0.5/0.4	1.1/0.7/0.4
Sound Pressure Level(H/M/L)		dB(A)	43.5/39.5/35.5	43.5/40.5/37	47/44/40.5	45/41.5/36.5	49.5/44.5/39
Fan Motor	Type	/	DC Motor				
	Quantity	/	1				
Fan	Type	/	Centrifugal, forward-curved blades				
	Quantity	/	2	3	3	4	4
	Row	/	/	/	/	/	/
Coil	Max Working Pressure	Mpa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7	Φ7	Φ7	Φ7	Φ7
Body	Dimension(W*H*D)	mm	1178x243x482	1368x243x482	1368x243x482	1658x243x482	1898x243x482
	Packing(W*H*D)	mm	1248*270*520	1438*270*520	1438*270*520	1728*270*520	1968*270*520
	NetWeight	Kg	22.5	27.5	27.5	35.5	39
	GrossWeight	Kg	26	32	32	40.5	44.5
Water Inlet/Outlet Pipe		Inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4
Drain Pipe		Inch	ZG3/4	ZG3/4	ZG3/4	ZG3/4	ZG3/4

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19°C WB, with air return plenum and filter, 0Pa;
3. Heating conditions (H speed): water inlet 65°C, water outlet 55°C, entering air temperature 20°C DB, with air return plenum and filter, 0Pa;
4. The above sound level is tested in the semi-anechoic room with background level 17.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB/14.5WB;
6. All specifications are subject to change by the manufacturer without prior notice.
7. According to Eurovent certification requirements, the airflow, cooling, and heating tests are all conducted at 0 Pa conditions.

Wall Mounted Series

Features



Model: 250/300/400/500/600 CFM



R50
Standard



KJR-29B
Optional

Features

- Display shut off (for Type A and P panels using Wireless Remote Controllers RM12F/BGF-E).
- Built-in 3-way electromagnetic valve.
- Included remote controller with optional wired controller.
- Simplified, low-cost installation.
- The panel can be easily removed, simple maintenance and easy to change filter.
- Multi-directional outlet pipe design (left/right/rear) to meet various room configurations.
- Compatible with 0-10V input/output function(requires customization).

Stylish panel, ideal for rooms with no or limited ceiling access.



Digital Display On/Off

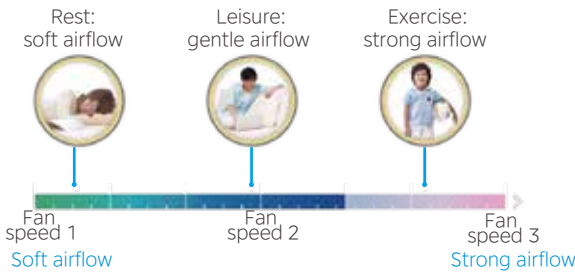
Indoor unit displays can be shut off at night, creating a better environment for rest.



RM12F/BGF-E RM12F/BGF-E is optional

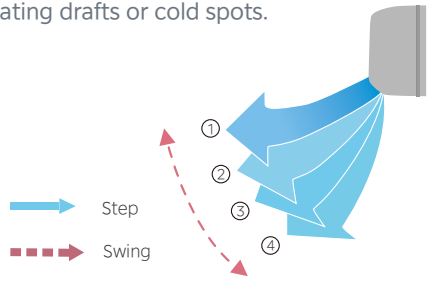
Multiple Fan Speeds

3 fan speed options provide customized comfort to suit a range of indoor conditions.



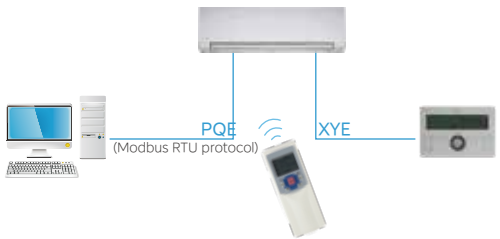
Auto Swing Louver

An Auto Swing Louver optimizes airflow while eliminating drafts or cold spots.



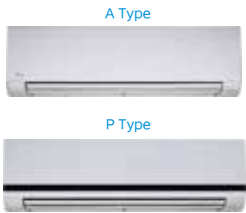
Control solutions

The fan coil units can be connected to Midea centralized controllers through the customized XYE port and can also can be connected to a Modbus gateway through the customized PQE port with Modbus RTU protocol.



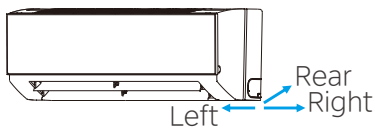
Customizable Panel Choices

Choose from three panel design options (A Type, P Type) to seamlessly match your decor.



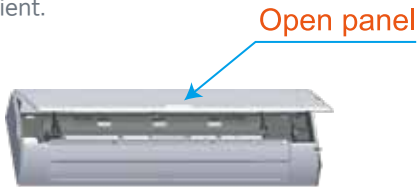
Flexible Outlet Pipe Positioning

Water and drain pipes can be positioned to the left, right or rear, providing enhanced installation flexibility.



Easy Maintenance

A removable front panel makes maintenance easy and convenient.



Easy-to-install Wall Mounting

Wall Mounted units offer easy installation with no need to access the ceiling cavity.



Specifications

Wall Mounted (A Type) / Wall Mounted (P Type)

Model		MKG-V250C	MKG-V300C	MKG-V400C	MKG-V500C	MKG-V600C	
Power supply		V/Ph/Hz		220-240/1/50			
Air flow (H/M/L)		m³/h	492/454/400	585/485/413	825/689/590	755/653/552	979/849/717
		CFM	289/267/235	344/285/242	485/405/347	445/385/325	575/499/421
Cooling¹	Capacity (H/M/L)	kW	2.7/2.59/2.39	2.91/2.54/2.19	3.81/3.3/2.88	3.96/3.52/3.08	4.87/4.26/3.79
	Water flow rate (H/M/L)	m³/h	0.48/0.46/0.42	0.51/0.45/0.38	0.67/0.57/0.51	0.77/0.68/0.61	0.85/0.72/0.65
	Water pressure drop (H/M/L)	kPa	31.6/28.6/25.4	37.2/29.7/23.4	56.8/41.2/33.00	41.2/33.5/27.1	50.7/39.5/33.7
	Power input (H/M/L)	W	13/11/10	15/11/9	34/22/15	26/18/13	38/26/18
Heating²	Capacity (H/M/L)	kW	2.94/2.02/1.86	3.23/2.77/2.42	4.3/3.65/3.09	4.84/3.81/3.26	5.26/4.1/3.5
	Water flow rate (H/M/L)	m³/h	0.51/0.49/0.46	0.56/0.49/0.42	0.73/0.64/0.56	0.84/0.73/0.64	0.89/0.80/0.68
	Water pressure drop (H/M/L)	kPa	37.5/34.9/30.2	40.6/31.5/25.1	61.9/47.5/35.7	43.7/33.8/26.3	51.7/42.8/33.00
	Power input t(H/M/L)	W	12/11/9	14/10/8	31/20/14	22/16/12	33/23/16
Heating³	Capacity (H/M/L)	kW	3.29/3.03/2.63	3.76/3.22/2.77	5.08/4.33/3.77	5.68/4.94/4.24	6.31/5.57/4.77
	Water flow rate (H/M/L)	m³/h	0.48/0.46/0.42	0.51/0.45/0.38	0.67/0.57/0.51	0.77/0.68/0.61	0.85/0.72/0.65
	Water pressure drop (H/M/L)	kPa	32.70/30.3/26.5	34.10/27.00/21.00	51.9/37.9/30.3	36.8/29.7/24	47.12/36.3/30.3
	Power input (H/M/L)	W	12/10/8	14/10/8	31/20/14	23/16/12	33/23/16
Sound pressure level (H/M/L)		dB(A)	32/30/27	32/27/23	45/39/35	38/34/30	44/40/35
Sound power level (H/M/L)		dB(A)	44/42/39	44/39/35	57/51/47	50/46/42	56/52/47
Rated current		A	0.16	0.19	0.28	0.32	0.39
Fan motor	Type	DC Motor	DC Motor	DC Motor	DC Motor	DC Motor	DC Motor
	Quantity	1	1	1	1	1	1
Fan	Type	Tangential fan	Tangential fan	Tangential fan	Tangential fan	Tangential fan	Tangential fan
	Quantity	1	1	1	1	1	1
Coil		2	2	2	2	2	2
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	φ7	φ7	φ7	φ7	φ7
Net dimensions (W×H×D)		mm	915×290×237	915×290×237	915×290×237	1072×315×237	1072×315×237
Packing size (W×H×D)		mm	1020×390×315	1020×390×315	1020×390×315	1180×415×315	1180×415×315
Net weight		kg	11.5	11.5	11.5	14.0	14.0
Gross weight		kg	14.5	14.5	14.5	17.5	17.5
Water inlet/outlet pipe		inch	G1/2	G1/2	G1/2	G3/4	G3/4
Drain pipe		mm	ODφ20	ODφ20	ODφ20	ODφ20	ODφ20

Model		MKG-V250D	MKG-V300D	MKG-V400D	MKG-V500D	MKG-V600D	
Power supply		V/Ph/Hz			220-240/1/50		
Air flow (H/M/L)		m³/h	492/454/400	585/485/413	825/689/590	755/653/552	979/849/717
		CFM	289/267/235	344/285/242	485/405/347	445/385/325	575/499/421
Cooling¹	Capacity (H/M/L)	kW	2.7/2.59/2.39	2.91/2.54/2.19	3.81/3.32/2.88	3.96/3.52/3.08	4.87/4.26/3.79
	Water flow rate (H/M/L)	m³/h	0.48/0.46/0.42	0.51/0.45/0.38	0.67/0.57/0.51	0.77/0.68/0.61	0.85/0.72/0.65
	Water pressure drop (H/M/L)	kPa	31.6/28.6/25.4	37.2/29.7/23.4	56.8/41.2/33.00	41.2/33.5/27.1	50.7/39.5/33.7
	Power input (H/M/L)	W	13/11/10	15/11/9	34/22/15	26/18/13	38/26/18
	Capacity (H/M/L)	kW	2.94/2.02/1.86	3.23/2.77/2.42	4.3/3.65/3.09	4.84/3.81/3.26	5.26/4.1/3.5
Heating²	Water flow rate (H/M/L)	m³/h	0.51/0.49/0.46	0.56/0.49/0.42	0.73/0.64/0.56	0.84/0.73/0.64	0.89/0.80/0.68
	Water pressure drop (H/M/L)	kPa	37.5/34.9/30.2	40.6/31.5/25.1	61.9/47.5/35.7	43.7/33.8/26.3	51.7/42.8/33.00
	Power input (H/M/L)	W	12/11/9	14/10/8	31/20/14	22/16/12	33/23/16
	Capacity (H/M/L)	kW	3.29/3.03/2.63	3.76/3.22/2.77	5.08/4.33/3.77	5.68/4.94/4.24	6.31/5.57/4.77
Heating³	Water flow rate (H/M/L)	m³/h	0.48/0.46/0.42	0.51/0.45/0.38	0.67/0.57/0.51	0.77/0.68/0.61	0.85/0.72/0.65
	Water pressure drop (H/M/L)	kPa	32.70/30.3/26.5	34.10/27.00/21.00	51.9/37.9/30.3	36.8/29.7/24	47.12/36.3/30.3
	Power input (H/M/L)	W	12/10/8	14/10/8	31/20/14	23/16/12	33/23/16
	Sound pressure level (H/M/L)	dB(A)	32/30/27	32/27/23	45/39/35	38/34/30	44/40/35
Sound power level (H/M/L)		dB(A)	44/42/39	44/39/35	57/51/47	50/46/42	56/52/47
Rated current		A	0.16	0.19	0.28	0.32	0.39
Fan motor	Type	DC Motor		DC Motor	DC Motor	DC Motor	DC Motor
	Quantity	1		1	1	1	1
Fan	Type	Tangential fan		Tangential fan	Tangential fan	Tangential fan	Tangential fan
	Quantity	1		1	1	1	1
Coil		2		2	2	2	2
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
Diameter		mm	φ7	φ7	φ7	φ7	φ7
Net dimensions (W×H×D)		mm	915×290×237	915×290×237	915×290×237	1072×315×237	1072×315×237
Packing size (W×H×D)		mm	1020×390×315	1020×390×315	1020×390×315	1180×415×315	1180×415×315
Net weight		kg	11.5	11.5	11.5	14.0	14.0
Gross weight		kg	14.5	14.5	14.5	17.5	17.5
Water inlet/outlet pipe		inch	G1/2	G1/2	G1/2	G3/4	G3/4
Drain pipe		mm	ODφ20	ODφ20	ODφ20	ODφ20	ODφ20

Notes:
Based on Eurovent conditions:
H: High fan speed; M: Medium fan speed; L: Low fan speed.
1 :Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/1 9°C WB, entering/leaving water temperature 7°C /12°C, high fan speed.
2 :Heating mode (1): (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C, high fan speed.
3 :Heating mode (2): (2-pipe coil): entering air temperature 20°C DB, enter water teperature/water flow 50°C/*(same water flow as in standard rating condition in cooling)

2nd Generation Ceiling&Floor series



Features

- 3- or 4-row coil options for entire series.
- 2- and 4-pipe options for entire series.
- Ultra-thin 200mm profile.
- Hysteresis temperature can be set in heating and cooling mode by PCB switch, field adjustable.
- With/without forced fan on can be set by PCB switch, field adjustable.
- Customizable XYE port (centralized) and PQE port (Modbus).
- Compatible with 0-10V input/output function(customized).
- Can be installed as floor-standing, horizontal or concealed (floor-standing requires optional footings).
- Auto mode and 7 fan speeds (using 75A wired controller).

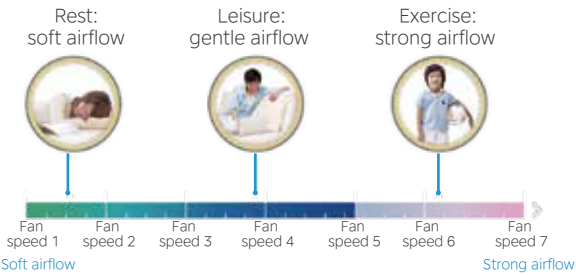
Floor standing unit with multi casing options can be installed quickly and easily in new or existing facilities in a variety of applications.



Features

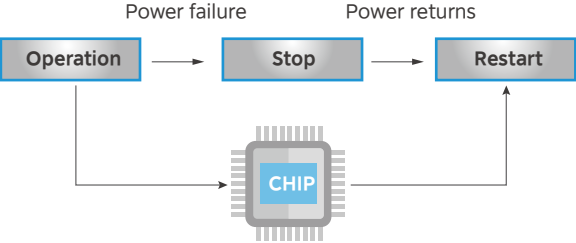
NEW 360° panel

A newly-designed round air discharge ensures uniform, evenly-distributed airflow and temperature.



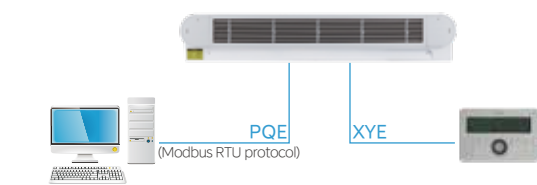
Auto restart

In the event of a sudden power failure during operation, unit restarts automatically and the unit will operate based on the previous setting (operating mode, temperature setting and fan speed).



Control solutions

The fan coil units can be connected to Midea centralized controllers through the customized XYE port and can also can be connected to a Modbus gateway through the customized PQE port with Modbus RTU protocol.



Versatile Installation Options

The Floor Standing Unit has three appearance options to meet different installation requirements, the H3 unit is designed to be concealed in wall and the H1 and H2 offer a front (H1) or underside (H2) air intake.



Simplified of Installation and Maintenance

A drain pump with a 750mm(1200mm for New 4-Way Cassette) pump head is fitted as standard, simplifying installation of the drain piping.



Ceiling and Floor Installation Option

Innovative design allows for ceiling or floor installation to suit various interior design requirements.



Specifications

2- Pipe 2nd Generation Ceiling&Floor

Model		MKH1-V150-R3	MKH1-V150-R4	MKH1-V250-R3	MKH1-V250-R4	MKH1-V350-R3	MKH1-V350-R4
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m³/h	245/160/135	245/180/130	380/245/140	380/240/110	580/435/310	580/430/300
	CFM	144/94/79	144/106/76	224/144/82	224/141/65	341/256/182	341/253/176
External static pressure	Pa	0					
Cooling	Total Capacity (H/M/L)	kW	1.44/1.01/0.88	1.87/1.59/1.16	2.23/1.84/1.13	2.55/1.90/1.26	3.41/2.81/2.16
	Water flow rate (H/M/L)	m³/h	0.25/0.17/0.15	0.32/0.27/0.2	0.38/0.32/0.19	0.44/0.33/0.22	0.58/0.48/0.37
	Water pressure drop (H/M/L)	kPa	13.4/7.9/6.0	26.1/20.1/11.8	12.7/9.5/4.4	23.2/13.5/6.6	33.4/24.0/15.0
Heating	Capacity (H/M/L)	kW	1.50/1.02/0.88	1.97/1.68/1.20	2.47/2.00/1.27	2.63/1.92/1.27	3.70/3.02/2.29
	Water flow rate (H/M/L)	m³/h	0.26/0.17/0.15	0.34/0.29/0.21	0.42/0.34/0.22	0.45/0.33/0.22	0.63/0.52/0.39
	Water pressure drop (H/M/L)	kPa	14.5/7.3/5.6	24.0/18.8/9.9	13.6/9.8/4.3	21.8/12.2/5.9	34.2/23.8/14.5
Power input (H/M/L)	W	19/15/10	20/16/11	20/13/10	21/12/8	27/18/11	30/18/12
Sound pressure level (H/M/L)	dB(A)	34/23/21	39/33/26	30/22/14	33/26/17	39/32/24	39/32/24
Sound power level	dB(A)	47/36/34	52/46/39	43/35/27	46/38/30	52/45/37	52/45/37
Fan motor	Type	Low noise DC fan motor					
	Quantity	1	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	1	1	2	2	2	2
Coil	Row	3	4	3	4	3	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×D)	mm	790×495×211	790×495×211	1020×495×211	1020×495×211	1240×495×211
	Packing size (W×H×D)	mm	895×595×300	895×595×300	1125×595×300	1125×595×300	1345×595×300
	Net weight	kg	18.0	18.5	21.5	22.0	25.5
	Gross weight	kg	23.5	24.0	27.5	28.0	32.5
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
Drain pipe	mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5

Model		MKH1-V500-R3	MKH1-V500-R4	MKH1-V700-R3	MKH1-V700-R4	MKH1-V800-R3	MKH1-V800-R4
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m³/h	780/550/380	780/560/390	1050/750/420	1050/770/460	1150/850/570	1150/860/600
	CFM	459/324/224	459/329/229	618/441/247	618/453/271	676/500/335	676/506/353
External static pressure	Pa	0					
Cooling	Total Capacity (H/M/L)	kW	4.25/3.43/2.67	4.73/3.82/2.85	4.94/3.94/2.77	5.60/4.58/3.19	6.21/5.17/3.86
	Water flow rate (H/M/L)	m³/h	0.73/0.59/0.46	0.81/0.65/0.49	0.85/0.68/0.47	0.96/0.79/0.55	1.06/0.89/0.66
	Water pressure drop (H/M/L)	kPa	53.5/35.8/24.1	53.0/35.9/21.2	44.7/29.5/15.6	28.9/19.2/10.1	37.3/28.5/16.4
Heating	Capacity (H/M/L)	kW	4.64/3.65/2.77	5.12/3.98/2.96	5.29/4.20/2.96	6.22/4.95/3.37	6.80/5.46/3.98
	Water flow rate (H/M/L)	m³/h	0.80/0.63/0.47	0.88/0.68/0.51	0.91/0.72/0.51	1.07/0.85/0.58	1.17/0.94/0.68
	Water pressure drop (H/M/L)	kPa	53.6/36.4/22.0	52.0/35.6/20.0	49.0/33.2/17.0	33.2/22.5/11.0	39.7/27.0/15.4
Power input (H/M/L)	W	50/26/15	52/28/15	98/45/18	99/50/20	105/50/24	105/50/23
Sound pressure level (H/M/L)	dB(A)	46/39/30	46/39/30	52/43/32	52/42/33	53/46/36	53/46/36
Sound power level	dB(A)	59/52/43	59/52/43	65/57/45	65/56/46	66/59/49	65/59/49
Fan motor	Type	Low noise DC fan motor					
	Quantity	1	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	2	2	3	3	3	3
Coil	Row	3	4	3	4	3	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×D)	mm	1240×495×211	1240×495×211	1360×495×211	1360×495×211	1360×495×211
	Packing size (W×H×D)	mm	1345×595×300	1345×595×300	1465×595×300	1465×595×300	1465×595×300
	Net weight	kg	25.5	26.5	28.5	29.5	32.5
	Gross weight	kg	32.5	33.5	36.0	37.0	41.0
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
Drain pipe	mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB/15°C WB.
3. Noise is tested in a reverberation chamber test room.

Specifications

2- Pipe 2nd Generation Ceiling&Floor

Model		MKH2-V150-R3	MKH2-V150-R4	MKH2-V250-R3	MKH2-V250-R4	MKH2-V350-R3	MKH2-V350-R4	
Power supply		V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)		m³/h	255/170/150	255/210/150	400/315/190	425/300/190	595/470/340	595/450/310
		CFM	150/100/88	150/124/88	235/185/112	250/176/112	350/276/200	350/265/182
External static pressure		Pa	0					
Cooling	Total Capacity (H/M/L)	kW	1.50/1.06/0.92	1.95/1.66/1.21	2.35/1.94/1.19	2.85/2.13/1.41	3.50/2.89/2.22	3.90/3.20/2.43
	Water flow rate (H/M/L)	m³/h	0.26/0.18/0.16	0.33/0.28/0.21	0.40/0.34/0.21	0.49/0.37/0.24	0.60/0.50/0.38	0.67/0.55/0.42
	Water pressure drop (H/M/L)	kPa	13.94/8.21/6.16	27.2/20.88/12.2	13.33/9.98/4.59	26.01/15.06/7.41	34.08/24.63/15.39	37.4/25.91/15.37
Heating	Capacity (H/M/L)	kW	1.57/1.07/0.92	2.05/1.75/1.25	2.60/2.11/1.34	2.95/2.15/1.42	3.80/3.10/2.35	4.00/3.22/2.39
	Water flow rate (H/M/L)	m³/h	0.27/0.19/0.16	0.35/0.30/0.22	0.45/0.37/0.23	0.51/0.37/0.24	0.65/0.53/0.40	0.70/0.56/0.43
	Water pressure drop (H/M/L)	kPa	15.1/7.63/5.84	25.34/19.65/10.25	14.31/10.33/4.5	24.38/13.65/6.64	35.13/24.41/14.82	36.52/25.34/14.22
Power input (H/M/L)		W	15/9/8	20/14/9	17/12/7	20/11/8	26/16/10	29/17/12
Sound pressure level (H/M/L)		dB(A)	34/24/21	39/33/25	29/24/18	32/23/19	38/32/23	40/34/30
Sound power level		dB(A)	47/36/34	52/46/38	43/37/29	46/37/29	52/44/36	52/45/36
Fan motor	Type	Low noise DC fan motor						
	Quantity	1	1	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades						
	Quantity	1	1	2	2	2	2	
Coil	Row	3	4	3	4	3	4	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×D)	mm	790×495×200	790×495×200	1020×495×200	1020×495×200	1240×495×200	1240×495×200
	Packing size (W×H×D)	mm	895×595×300	895×595×300	1125×595×300	1125×595×300	1345×595×300	1345×595×300
	Net weight	kg	18.0	18.5	21.5	22.0	25.5	26.5
	Gross weight	kg	23.5	24.0	27.5	28.0	32.5	33.5
Water inlet/outlet pipe		inch	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
Drain pipe		mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5

Model		MKH2-V500-R3	MKH2-V500-R4	MKH2-V700-R3	MKH2-V700-R4	MKH2-V800-R3	MKH2-V800-R4	
Power supply		V/Ph/Hz		220-240/1/50				
Air flow (H/M/L)		m³/h	790/580/410	800/600/420	1190/855/505	1190/875/530	1360/1015/685	1300/980/680
		CFM	488/359/253	471/353/247	700/503/297	700/515/312	800/597/403	765/576/400
External static pressure		Pa	0					
Cooling	Total Capacity (H/M/L)	kW	4.30/3.48/2.71	4.85/3.92/2.93	5.60/4.47/3.14	6.35/5.19/3.62	7.35/6.12/4.57	8.25/6.65/4.84
	Water flow rate (H/M/L)	m³/h	0.74/0.60/0.47	0.83/0.67/0.51	0.96/0.77/0.54	1.09/0.90/0.63	1.27/1.05/0.79	1.43/1.14/0.83
	Water pressure drop (H/M/L)	kPa	54.33/36.81/21.77	54.33/36.81/21.77	50.67/33.38/17.73	32.77/21.75/11.43	44.12/33.7/19.41	71.43/46.17/25.39
Heating	Capacity (H/M/L)	kW	4.70/3.70/2.81	5.25/4.09/3.04	6.00/4.77/3.36	7.05/5.61/3.83	8.05/6.46/4.71	8.7/6.81/4.85
	Water flow rate (H/M/L)	m³/h	0.81/0.64/0.48	0.91/0.71/0.53	1.04/0.83/0.59	1.22/0.98/0.67	1.39/1.12/0.82	1.51/1.18/0.83
	Water pressure drop (H/M/L)	kPa	53.44/36.54/20.47	53.44/36.54/20.47	55.49/37.66/19.27	37.61/25.47/12.5	46.88/31.9/18.16	62.61/41.06/21.68
Power input (H/M/L)		W	50/25/14	52/27/14	96/43/18	93/46/19	113/51/22	102/52/22
Sound pressure level (H/M/L)		dB(A)	46/38/30	45/39/30	50/42/31	50/43/31	51/44/33	50/43/33
Sound power level		dB(A)	59/51/43	59/51/43	64/56/45	62/56/46	63/58/49	63/57/47
Fan motor	Type	Low noise DC fan motor						
	Quantity	1	1	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades						
	Quantity	2	2	3	3	3	3	3
Coil	Row	3	4	3	4	3	4	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×D)	mm	1240×495×200	1240×495×200	1360×495×200	1360×495×200	1360×591×200	1360×591×200
	Packing size (W×H×D)	mm	1345×595×300	1345×595×300	1465×595×300	1465×595×300	1465×695×300	1465×695×300
	Net weight	kg	25.5	26.5	28.5	29.5	32.5	34.5
	Gross weight	kg	32.5	33.5	36.0	37.0	41.0	42.5
Water inlet/outlet pipe		inch	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
Drain pipe		mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB/15°C WB.
3. Noise is tested in a reverberation chamber test room.

Specifications

2- Pipe 2nd Generation Ceiling&Floor

Model		MKH3-V150-R3	MKH3-V150-R4	MKH3-V250-R3	MKH3-V250-R4	MKH3-V350-R3	MKH3-V350-R4	
Power supply		V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)		m³/h	255/170/150	255/210/150	400/315/190	425/300/190	595/470/340	595/450/310
		CFM	150/100/88	150/124/88	235/185/112	250/176/112	350/276/200	350/265/182
External static pressure		Pa	12					
Cooling	Total Capacity (H/M/L)	kW	1.50/1.06/0.92	1.95/1.66/1.21	2.35/1.94/1.19	2.85/2.13/1.41	3.50/2.89/2.22	3.90/3.20/2.43
	Water flow rate (H/M/L)	m³/h	0.26/0.18/0.16	0.33/0.28/0.21	0.40/0.34/0.21	0.49/0.37/0.24	0.60/0.50/0.38	0.67/0.55/0.42
	Water pressure drop (H/M/L)	kPa	13.94/8.21/6.16	27.2/20.88/12.2	13.33/9.98/4.59	26.01/15.06/7.41	34.08/24.63/15.39	37.4/25.91/15.37
Heating	Capacity (H/M/L)	kW	1.57/1.07/0.92	2.05/1.75/1.25	2.60/2.11/1.34	2.95/2.15/1.42	3.80/3.10/2.35	4.00/3.22/2.50
	Water flow rate (H/M/L)	m³/h	0.27/0.19/0.16	0.35/0.30/0.22	0.45/0.37/0.23	0.51/0.37/0.24	0.65/0.53/0.40	0.70/0.56/0.43
	Water pressure drop (H/M/L)	kPa	15.1/7.63/5.84	25.34/19.65/10.25	14.31/10.33/4.5	24.38/13.65/6.64	35.13/24.41/14.82	36.52/25.34/14.22
Power input (H/M/L)		W	15/9/8	20/14/9	17/12/7	19/11/8	27/16/10	28/17/12
Sound pressure level (H/M/L)		dB(A)	34/24/21	39/33/25	29/24/18	32/23/19	38/32/23	40/34/30
Sound power level		dB(A)	47/36/34	52/46/38	43/37/29	46/37/29	52/44/36	52/45/36
Fan motor	Type	Low noise DC fan motor						
	Quantity	1	1	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades						
	Quantity	1	1	2	2	2	2	
Coil	Row	3	4	3	4	3	4	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×D)	mm	628×455×200	628×455×200	858×455×200	858×455×200	1078×455×200	1078×455×200
	Packing size (W×H×D)	mm	755×555×255	755×555×255	985×555×255	985×555×255	1205×555×255	1205×555×255
	Net weight	kg	11.8	12.1	13.9	14.8	17.3	18.2
	Gross weight	kg	16.1	16.4	19.4	20.3	24.0	24.9
Water inlet/outlet pipe		inch	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
Drain pipe		mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5

Model		MKH3-V500-R3	MKH3-V500-R4	MKH3-V700-R3	MKH3-V700-R4	MKH3-V800-R3	MKH3-V800-R4	
Power supply		V/Ph/Hz		220-240/1/50				
Air flow (H/M/L)		m³/h	790/580/410	790/600/420	1190/855/505	1190/875/530	1360/1015/685	1360/980/680
		CFM	488/359/253	471/353/247	700/503/297	700/515/312	800/597/403	765/576/400
External static pressure		Pa	12					
Cooling	Total Capacity (H/M/L)	kW	4.30/3.48/2.71	4.85/3.92/2.93	5.60/4.47/3.14	6.35/5.19/3.62	7.35/6.12/4.57	8.25/6.65/4.84
	Water flow rate (H/M/L)	m³/h	0.74/0.60/0.47	0.83/0.67/0.51	0.96/0.77/0.54	1.09/0.90/0.63	1.27/1.05/0.79	1.43/1.14/0.83
	Water pressure drop (H/M/L)	kPa	54.22/36.22/22.78	54.33/36.81/21.77	50.67/33.38/17.73	32.77/21.75/11.43	44.12/33.7/19.41	71.43/46.17/25.39
Heating	Capacity (H/M/L)	kW	4.70/3.70/2.81	5.25/4.09/3.04	6.00/4.77/3.36	7.05/5.61/3.83	8.05/6.46/4.71	8.70/6.81/4.85
	Water flow rate (H/M/L)	m³/h	0.81/0.64/0.48	0.91/0.71/0.53	1.04/0.83/0.59	1.22/0.98/0.67	1.39/1.12/0.82	1.51/1.18/0.83
	Water pressure drop (H/M/L)	kPa	54.29/36.87/22.32	53.44/36.54/20.47	55.49/37.66/19.27	37.61/25.47/12.5	46.88/31.9/18.16	62.61/41.06/21.68
Power input (H/M/L)		W	50/25/14	50/27/14	100/43/18	97/47/19	113/53/22	112/49/22
Sound pressure level (H/M/L)		dB(A)	46/38/30	45/39/30	50/42/31	50/43/31	51/44/33	50/43/33
Sound power level		dB(A)	59/51/43	59/51/43	64/56/45	62/56/46	63/58/49	63/57/47
Fan motor	Type	Low noise DC fan motor						
	Quantity	1	1	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades						
	Quantity	2	2	3	3	3	3	
Coil	Row	3	4	3	4	3	4	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6	
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94	
Body	Net dimensions(W×H×D)	mm	1078×455×200	1078×455×200	1198×455×200	1198×455×200	1198×551×200	1198×551×200
	Packing size (W×H×D)	mm	1205×555×255	1205×555×255	1325×555×255	1325×555×255	1325×650×255	1325×650×255
	Net weight	kg	17.3	18.2	19.6	20.8	23.1	24.3
	Gross weight	kg	24.0	24.9	26.4	27.6	30.2	31.4
Water inlet/outlet pipe		inch	G3/4	G3/4	G3/4	G3/4	G3/4	
Drain pipe		mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	

Notes:
1

Specifications

4- Pipe 2nd Generation Ceiling&Floor

Model		MKH1-V150F-R4	MKH1-V150F-R4	MKH1-V350F-R4	MKH1-V500F-R4	MKH1-V700F-R4	MKH1-V800F-R4
Power supply		V/Ph/Hz220-240/1/50					
Air flow (H/M/L)		m³/h	245/180/130	380/240/110	580/430/300	780/560/390	1050/770/460
		CFM	144/106/76	224/141/65	341/253/176	459/329/229	618/453/271
External static pressure		Pa	0				
Cooling	Total Capacity (H/M/L)	kW	1.63/1.38/0.91	2.41/1.73/0.99	3.70/3.10/2.26	4.49/3.66/2.76	5.34/4.41/3.02
	Water flow rate (H/M/L)	m³/h	0.28/0.24/0.16	0.41/0.30/0.17	0.63/0.53/0.38	0.77/0.63/0.47	0.92/0.76/0.52
	Water pressure drop (H/M/L)	kPa	17.5/13.74/7.5	15.2/9.73/3.51	38.2/28.35/16.91	54.8/39.04/23.84	47.4/36.96/19.07
Heating	Capacity (H/M/L)	kW	1.35/1.18/0.91	2.06/1.45/1.02	2.81/2.43/1.95	3.27/2.81/2.30	4.06/3.48/2.66
	Water flow rate (H/M/L)	m³/h	0.12/0.10/0.08	0.18/0.13/0.09	0.24/0.21/0.17	0.28/0.24/0.20	0.35/0.3/0.23
	Water pressure drop (H/M/L)	kPa	10.3/8.5/5.3	25.2/18.45/8.5	54.0/43/28.5	67.8/54.65/37.3	116.76/104.19/56.23
Power input (H/M/L)		W	20/16/11	21/12/8	30/18/12	52/28/15	99/50/20
Sound pressure level (H/M/L)		dB(A)	39/33/26	33/26/17	39/32/24	46/39/30	52/42/33
Sound power level		dB(A)	52/46/39	46/38/30	52/45/37	59/52/43	65/56/46
Fan motor	Type	Low noise DC fan motor					
	Quantity		1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity		1	2	2	3	3
Coil	Row		4	4	4	4	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×D)	mm	790×495×211	1020×495×211	1240×495×211	1240×495×211	1360×495×211
	Packing size (W×H×D)	mm	895×595×300	1125×595×300	1345×595×300	1345×595×300	1465×595×300
	Net weight	kg	19.0	22.5	27.0	27.0	35.0
	Gross weight	kg	24.5	28.5	34.0	34.0	43.0
Water inlet/outlet pipe		inch	Cold water: G3/4; Hot water: G1/2				
Drain pipe		mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5

Model		MKH2-V500-R3	MKH2-V500-R4	MKH2-V700-R3	MKH2-V700-R4	MKH2-V800-R3	MKH2-V800-R4
Power supply		V/Ph/Hz220-240/1/50					
Air flow (H/M/L)		m³/h	255/206/134	425/280/158	595/461/324	800/595/417	1190/887/564
		CFM	150/121/79	250/165/93	350/271/191	471/350/245	700/522/332
External static pressure		Pa	0				
Cooling	Sensible Capacity (H/M/L)	kW	1.30/1.07/0.64	1.90/1.30/0.70	2.80/2.30/1.61	3.50/2.75/2.01	4.80/3.88/2.53
	Capacity (H/M/L)	kW	1.70/1.44/0.95	2.70/1.94/1.10	3.80/3.18/2.32	4.60/3.75/2.83	6.05/5.00/3.43
	Water flow rate	m³/h	0.29/0.25/0.16	0.46/0.33/0.19	0.65/0.55/0.40	0.79/0.64/0.49	1.04/0.86/0.59
Heating	Water pressure drop	kPa	18.16/13.74/7.50	16.97/9.73/3.51	39.17/28.35/16.91	56.18/39.04/23.84	53.66/36.96/19.07
	Capacity (H/M/L)	kW	1.40/1.23/0.95	2.30/1.78/1.22	2.88/2.49/2.00	3.35/2.88/2.36	4.60/3.95/3.02
	Water flow rate (H/M/L)	m³/h	0.12/0.11/0.08	0.20/0.15/0.10	0.25/0.21/0.17	0.29/0.25/0.20	0.39/0.34/0.26
Power input (H/M/L)	Water pressure drop (H/M/L)	kPa	10.74/8.50/5.49	28.16/18.45/10.08	55.37/43.00/29.20	69.57/54.65/38.21	132.32/104.19/63.73
		W	20/14/9	20/11/8	29/17/11	52/28/15	92/46/19
		dB(A)	39/33/25	32/23/19	40/34/30	45/39/30	50/43/31
Sound pressure level (H/M/L)		dB(A)	52/46/38	46/37/29	52/45/36	59/52/43	63/58/46
Sound power level		dB(A)	52/46/38	46/37/29	52/45/36	59/52/43	64/57/47
Rated current		A	0.21	0.22	0.28	0.51	0.87
Fan motor	Type	Low noise DC fan motor					
	Quantity		1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity		1	2	2	3	3
Coil	Row		4	4	4	4	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×D)	mm	790×495×200	1020×495×200	1240×495×200	1240×495×200	1360×495×200
	Packing size (W×H×D)	mm	895×595×300	1125×595×300	1345×595×300	1345×595×300	1465×595×300
	Net weight	kg	19.0	22.5	27.0	27.0	30.0
	Gross weight	kg	24.5	28.5	34.0	34.0	37.5
Water inlet/outlet pipe		inch	Cold water: G3/4; Hot water: G1/2				
Drain pipe		mm	ODΦ18.5				

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB/15°C WB.
3. Noise is tested in a reverberation chamber test room.

Specifications

4- Pipe 2nd Generation Ceiling&Floor

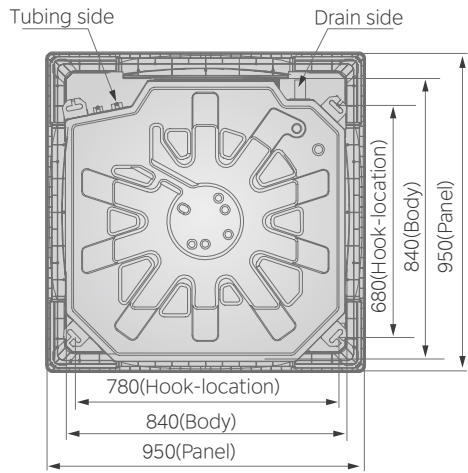
Model		MKH3-V150F-R4	MKH3-V250F-R4	MKH3-V350F-R4	MKH3-V500F-R4	MKH3-V700F-R4	MKH3-V800F-R4
Power supply		V/Ph/Hz220-240/1/50					
Air flow (H/M/L)		m³/h	255/206/134	425/280/158	595/461/324	800/595/417	1190/887/564
		CFM	150/121/79	250/165/93	350/271/191	471/350/245	700/522/332
External static pressure		Pa	12				
Cooling	Sensible Capacity(H/M/L)	kW	1.30/1.07/0.64	1.90/1.30/0.70	2.80/2.30/1.61	3.50/2.75/2.01	4.80/3.88/2.53
	Capacity (H/M/L)	kW	1.70/1.44/0.95	2.70/1.94/1.10	3.80/3.18/2.32	4.60/3.75/2.83	6.05/5.00/3.43
	Water flow rate	m³/h	0.29/0.25/0.16	0.46/0.33/0.19	0.65/0.55/0.40	0.79/0.64/0.49	1.04/0.86/0.59
Heating	Water pressure drop	kPa	18.16/13.74/7.50	16.97/9.73/3.51	39.17/28.35/16.91	56.18/39.04/23.84	53.66/36.96/19.07
	Capacity (H/M/L)	kW	1.40/1.23/0.95	2.30/1.78/1.22	2.88/2.49/2.00	3.35/2.88/2.36	4.60/3.95/3.02
	Water flow rate	m³/h	0.12/0.11/0.08	0.20/0.15/0.10	0.25/0.21/0.17	0.29/0.25/0.20	0.39/0.34/0.26
Power input (H/M/L)	Water pressure drop	kPa	10.74/8.50/5.49	28.16/18.45/10.08	55.37/43.00/29.20	69.57/54.65/38.21	132.32/104.19/63.73
		W	20/14/9	20/11/8	29/17/11	52/28/15	92/46/19
		dB(A)	39/33/25	32/23/19	40/34/30	45/39/30	50/43/31
Sound pressure level (H/M/L)		dB(A)	52/46/38	46/37/29	52/45/36	59/51/43	62/56/46
Sound power level		dB(A)	52/46/38	46/37/29	52/45/36	59/51/43	63/57/47
Rated current		A	0.21	0.22	0.28	0.51	0.79
Fan motor	Type	Low noise DC fan motor					
	Quantity		1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity		1	2	2	3	3
Coil	Row		4	4	4	4	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×C)	mm	628×455×200	858×455×200	1078×455×200	1078×455×200	1198×455×200
	Packing size (W×H×D)	mm	895×595×300	1125×595×300	1345×595×300	1345×595×300	1465×595×300
	Net weight	kg	12.6	15.3	18.7	18.7	21.3
	Gross weight	kg	16.9	20.8	25.4	25.4	28.1
Water inlet/outlet pipe		inch	Cold water: G3/4; Hot water: G1/2				
Drain pipe		mm	ODΦ18.5				

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 65°C, leaving water 55°C, Entering air temperature 20°C DB/15°C WB.
3. Noise is tested in a reverberation chamber test room.
4. H3 series test with concealed tooling.

Dimensions

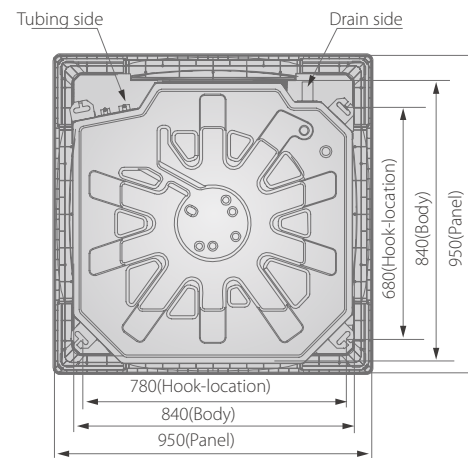
4-way cassette

2-pipe 4-way cassette
Dimensions (unit:mm)

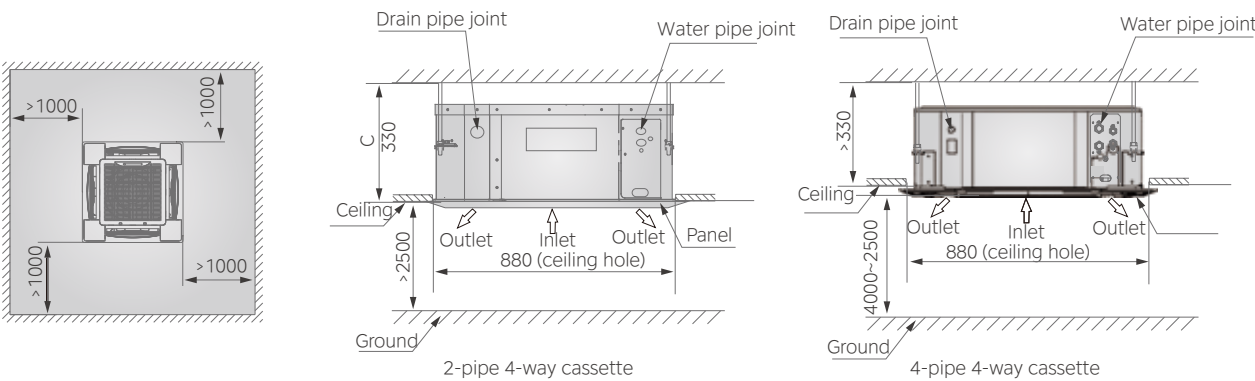


Model	Size	A	B	C	D
MKA-600RA MKA-750RA		230	170	135	185
MKA-950RA MKA-1200RA MAK-1500RA		300	190	145	195

4-Pipe 4-way cassette
Dimensions (unit:mm)

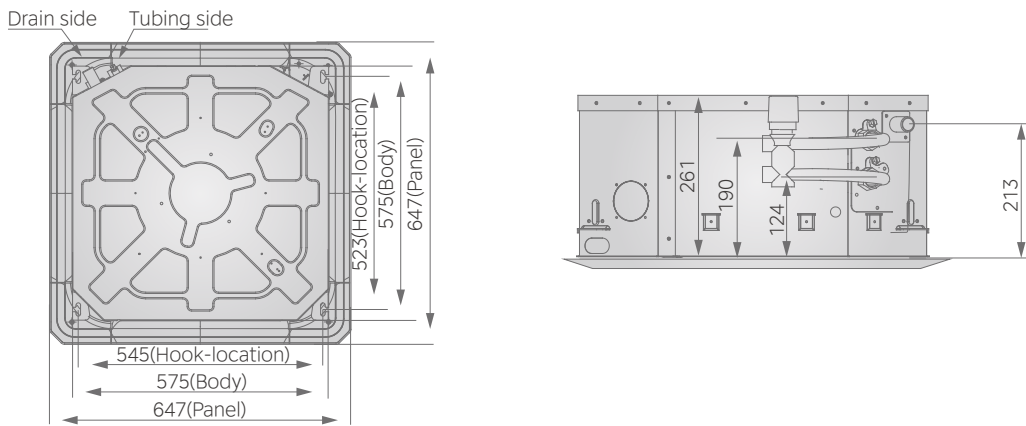


Service Spaces (unit:mm)

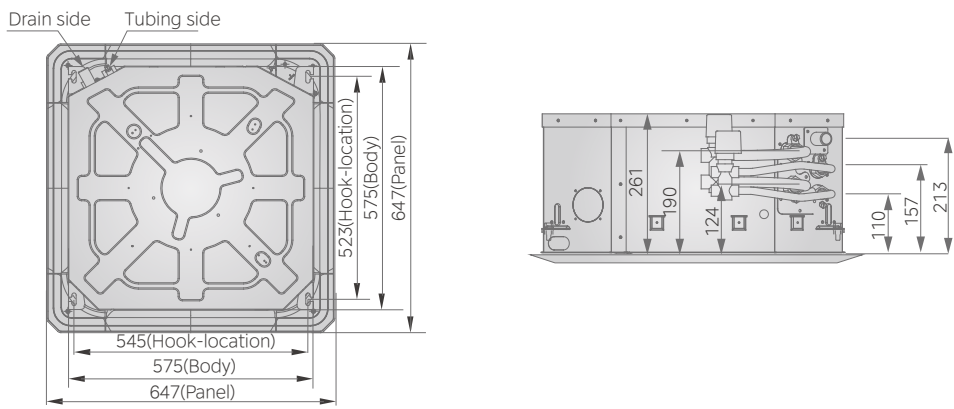


Compact 4-way cassette

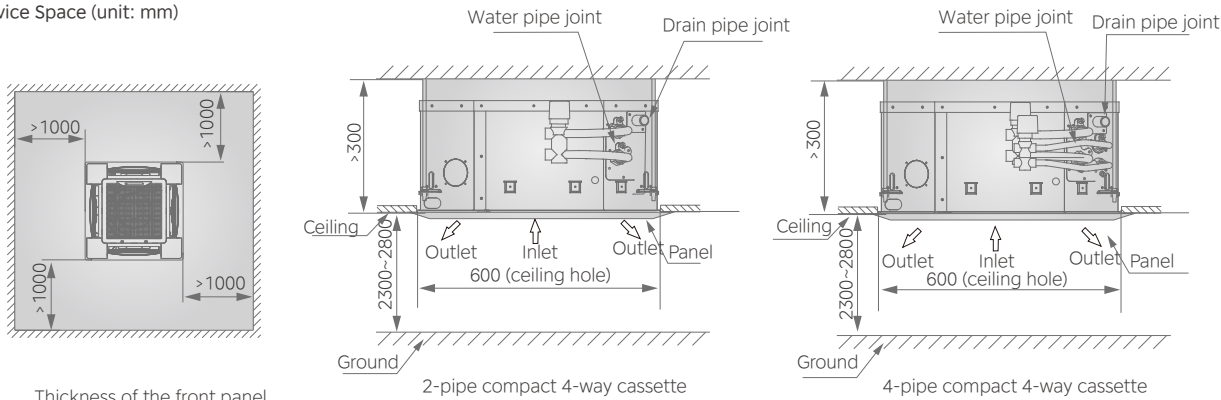
2-pipe compact 4-way cassette
Dimensions (unit: mm)



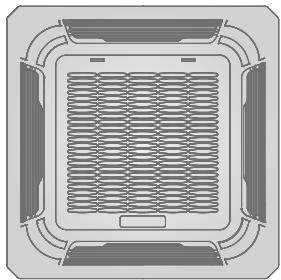
4-pipe compact 4-way cassette
Dimensions (unit: mm)



Service Space (unit: mm)



Thickness of the front panel

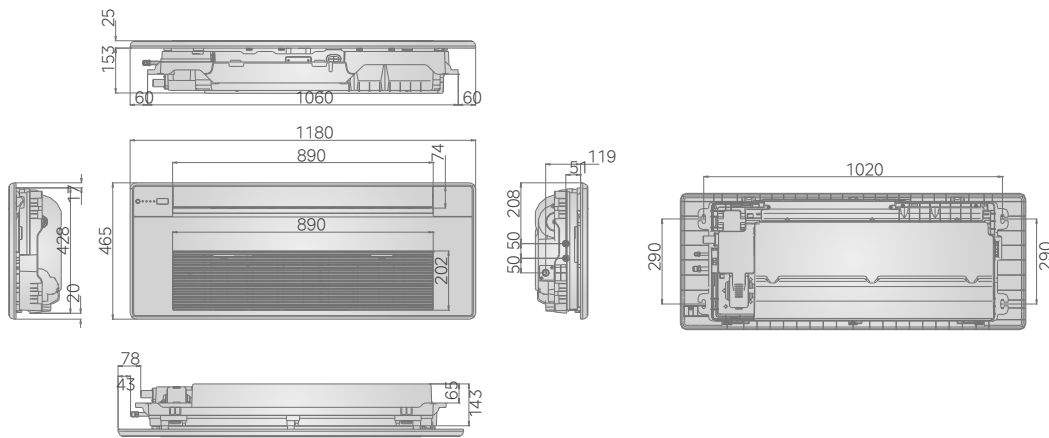


Type	H (mm)
4-way cassette	45
Compact 4-way cassette	50

Dimensions

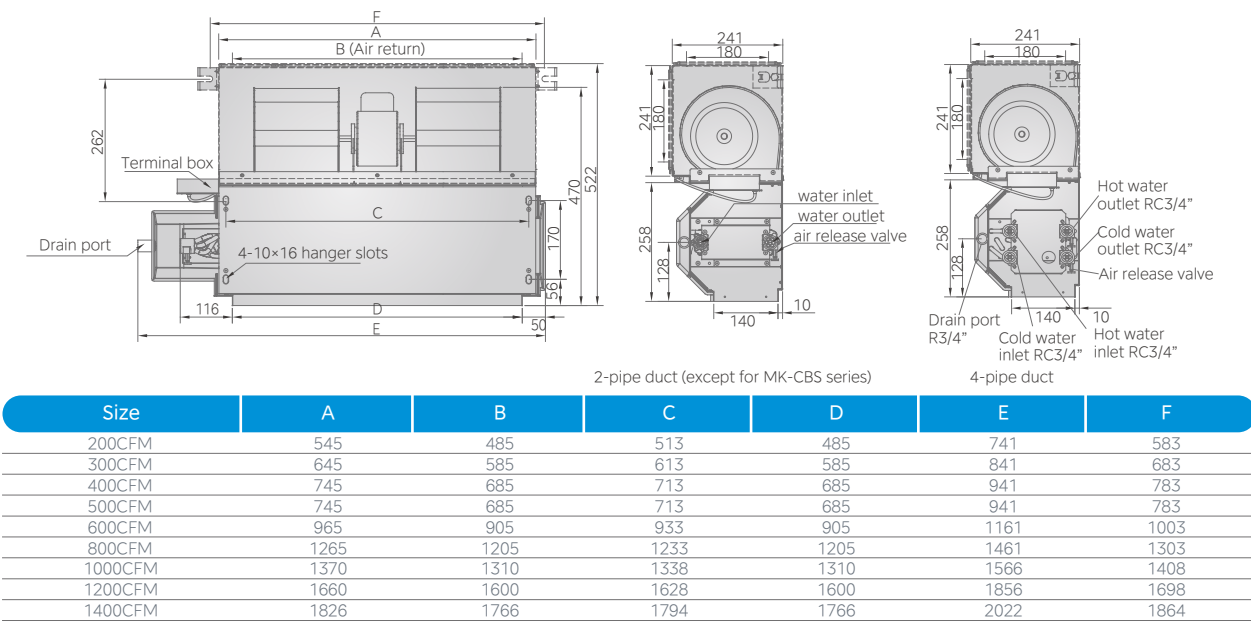
1-way cassette

Dimensions (unit: mm)
MKC-300R-BA



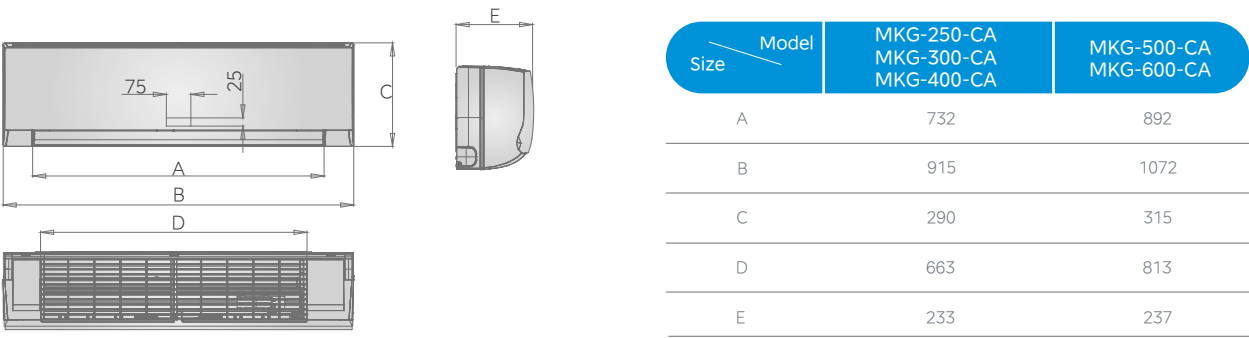
Duct

Dimensions (unit: mm)



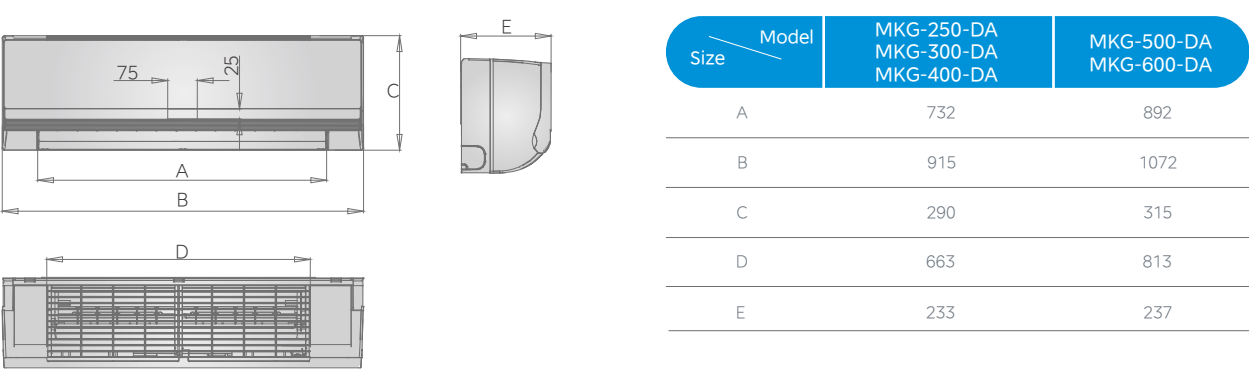
Wall mounted - A type

Dimensions (unit: mm)



Wall mounted - P type

Dimensions (unit: mm)



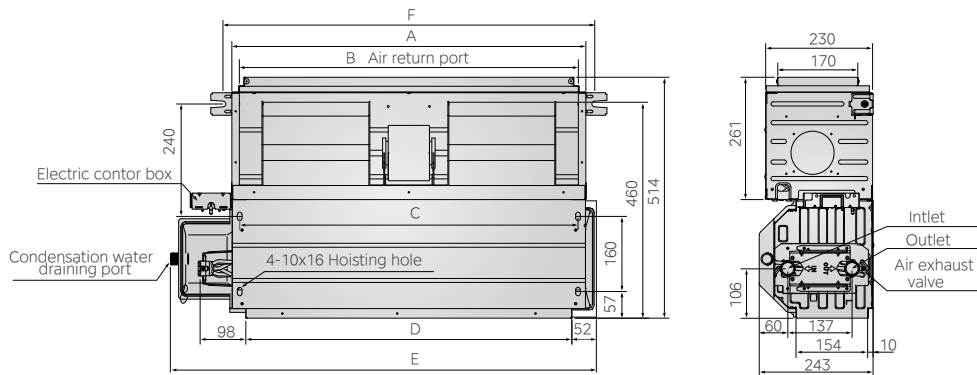
Notes:
This figure is for reference only, actual product may differ.
The dotted line in the figure is the dimension for air return plenum.
Units with air return plenum is standard, units without air return plenum can be customized.

Size	Model	MKT3-800/1000G50-A4A MKT4-800/1000G50-A4A	MKT4-1200/1400/ 1500/1600G50-A4A	MKT4-1800/ 2000G50-A4A
A		960	1085	1277
B		900	1135	1327
C		910	1112	1308
D		885	1085	1277
E		1180	1369	1500
F		150	160	160
G		195	195	195
H		335	335	335
I		612	612	612
J		342	342	342
K		231	231	231
L		230	230	230
M		340	340	340

Dimensions

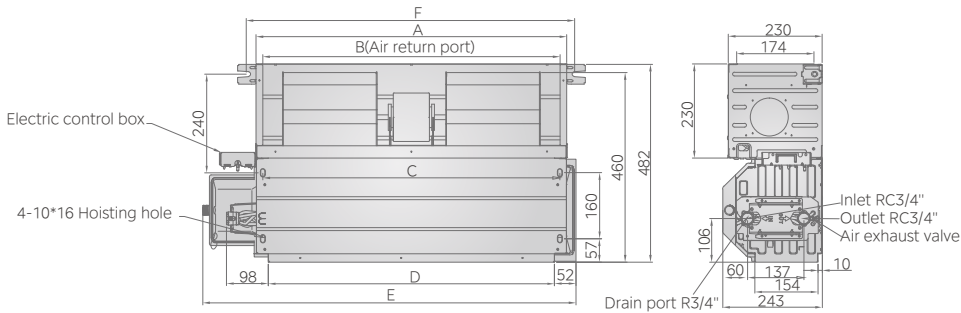
Duct

MKS3(C) series



Size \ Model	200	300	400/500	600	700	800/1000	1200	1400
A	475	620	755	850	1025	1215	1505	1745
B	443	588	723	818	993	1183	1473	1713
C	442	587	722	817	992	1182	1472	1712
D	415	560	695	790	965	1155	1445	1685
E	632	773	908	1003	1178	1368	1658	1898
F	513	658	793	888	1063	1253	1543	1783

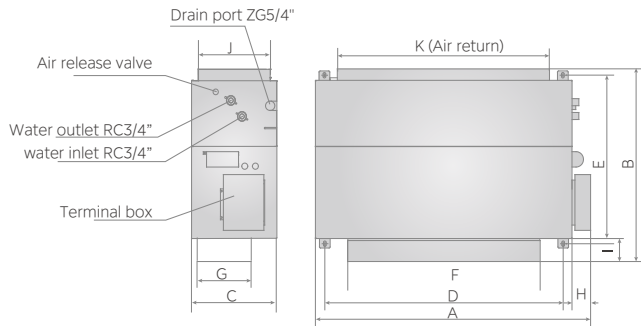
MKT3(C) series



Size \ Model	200-Model	300-Model	400-Model 500-Model	600-Model	700-Model	800-Model 1000-Model	1200-Model	1400-Model
A	475	620	755	850	1025	1215	1505	1745
B	443	588	723	818	993	1183	1473	1713
C	442	587	722	817	992	1182	1472	1712
D	415	560	695	790	965	1155	1445	1685
E	632	773	908	1003	1178	1368	1658	1898
F	513	658	793	888	1063	1253	1543	1783

High static pressure duct

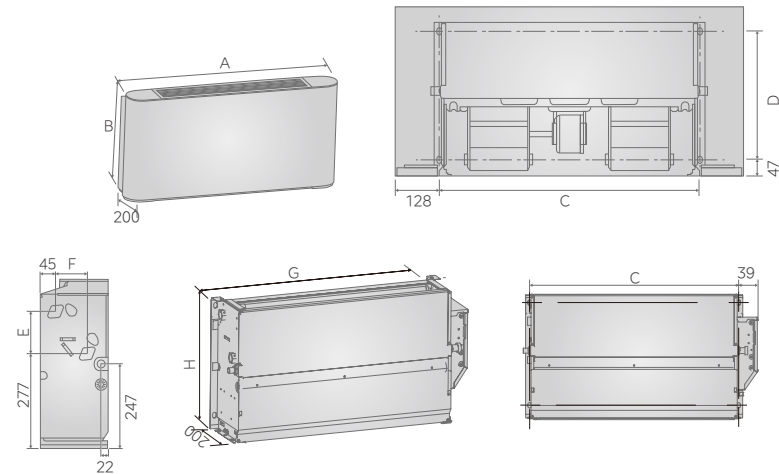
Dimensions (unit: mm)



Model	MKT3H-800G70A MKT3H-1000G70A MKT3H-1200G70A MKT3H-1400G70A	MKT3H-800EG70A MKT3H-1000EG70A MKT3H-1200EG70A MKT3H-1400EG70A	MKT3H-1600G100A MKT3H-1800G100A MKT3H-2200G100A	MKT3H-1600EG100A MKT3H-1800EG100A MKT3H-2200EG100A
A	946	946	1290	1290
B	816	876	809	874
C	400	400	400	400
D	778	778	1118	1118
E	767	767	765	765
F	306	306	900	900
G	219	219	249	249
H	88	88	88	88
I	37	97	39	104
J	338	338	320	320
K	512	512	995	995

2nd generation Ceiling&Floor

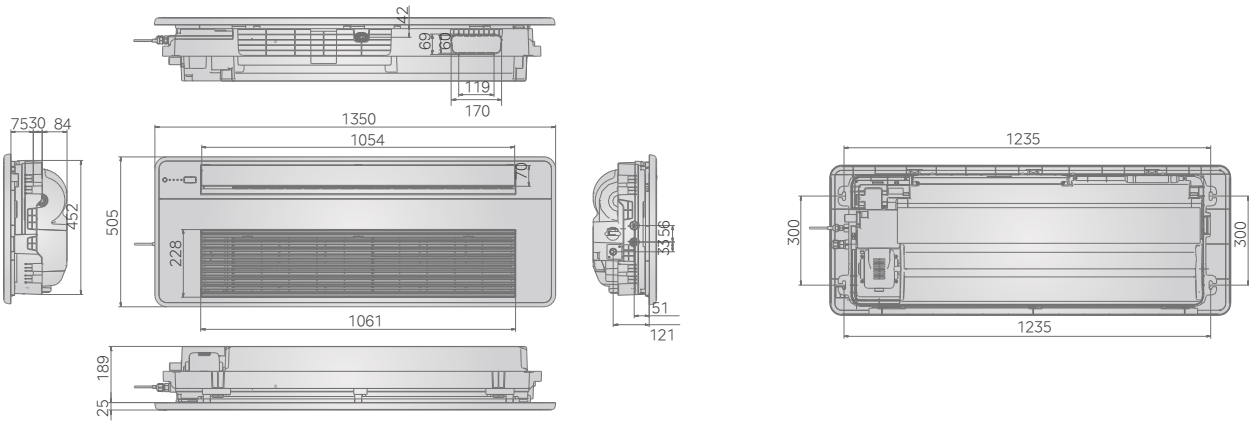
Dimensions (unit: mm)



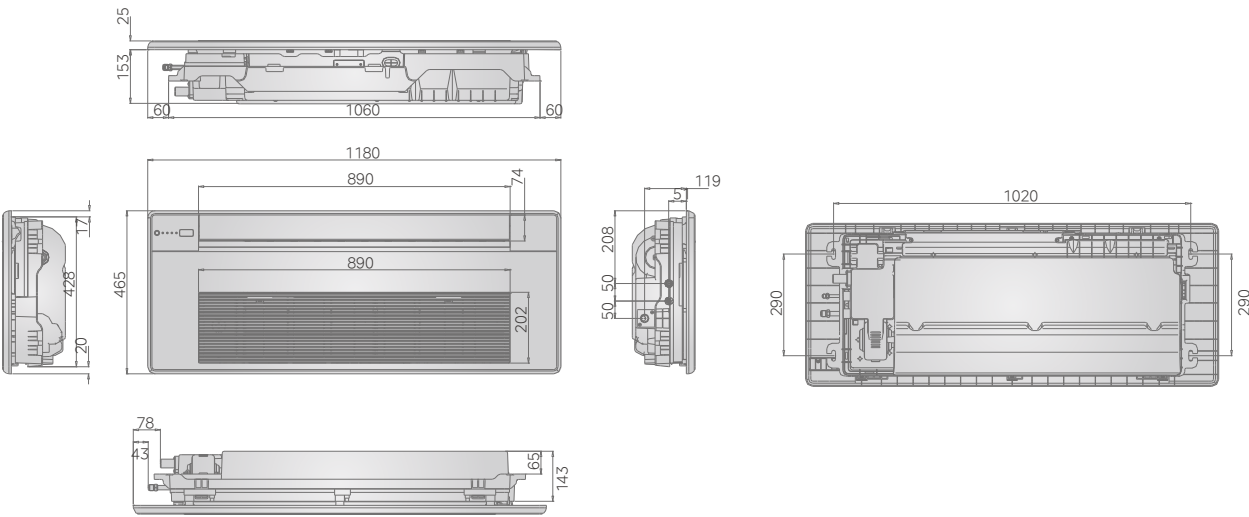
Model	150	250	350	500	700	800
A(mm)	790	1020	1240	1240	1360	1360
B(mm)	495	495	495	495	495	591
C(mm)	534	764	984	984	1104	1104
D(mm)	375	375	375	375	375	319
E(mm)	123	123	123	123	123	219
F(mm)	93	93	93	93	93	102
G(mm)	596	826	1046	1046	1166	1166
H(mm)	455	455	455	455	455	551

Dimensions

1-way cassette



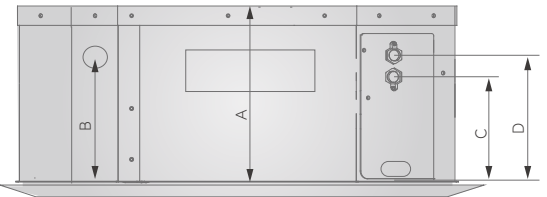
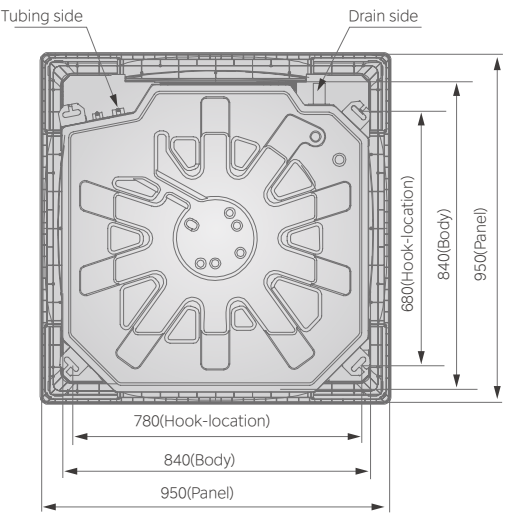
MKC-V400R-B
MKC-V600R-B



MKC-V300R-B

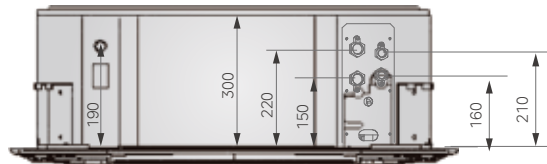
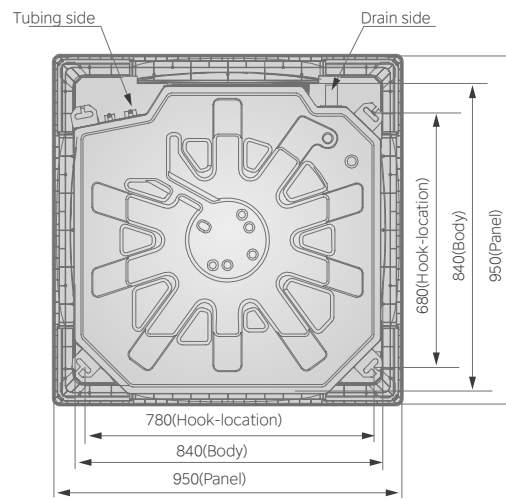
4-way cassette

2-pipe 4-way cassette
Dimensions (unit:mm)

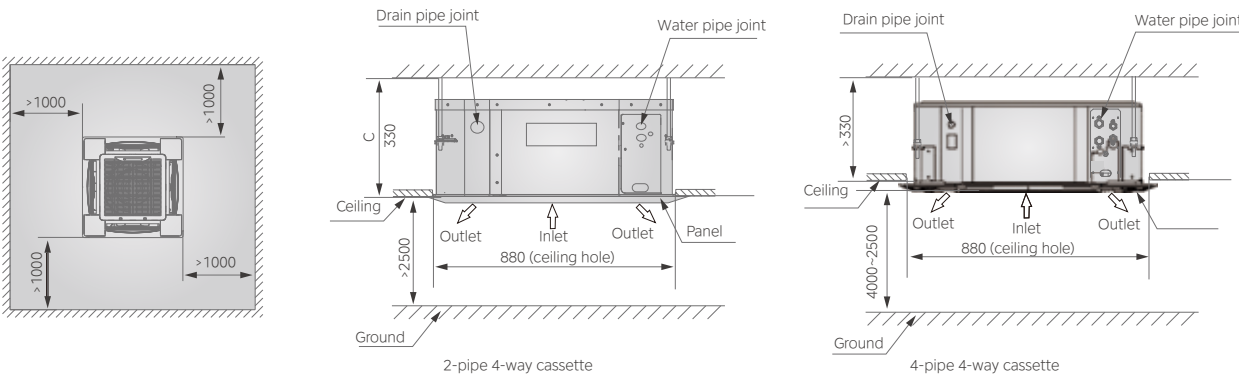


Model	Size	A	B	C	D
MKA-V600R MKA-V750R		230	170	135	185
MKA-V850R MKA-V950R MKA-V1200R MAK-V1500R		300	190	145	195

4-Pipe 4-way cassette
Dimensions (unit:mm)

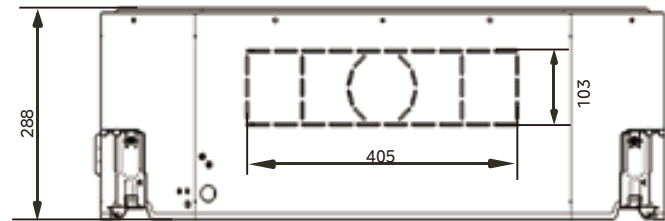
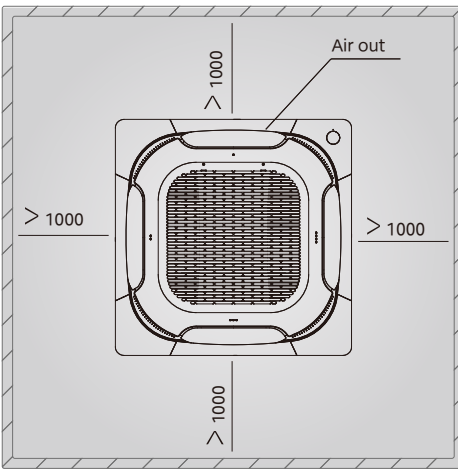
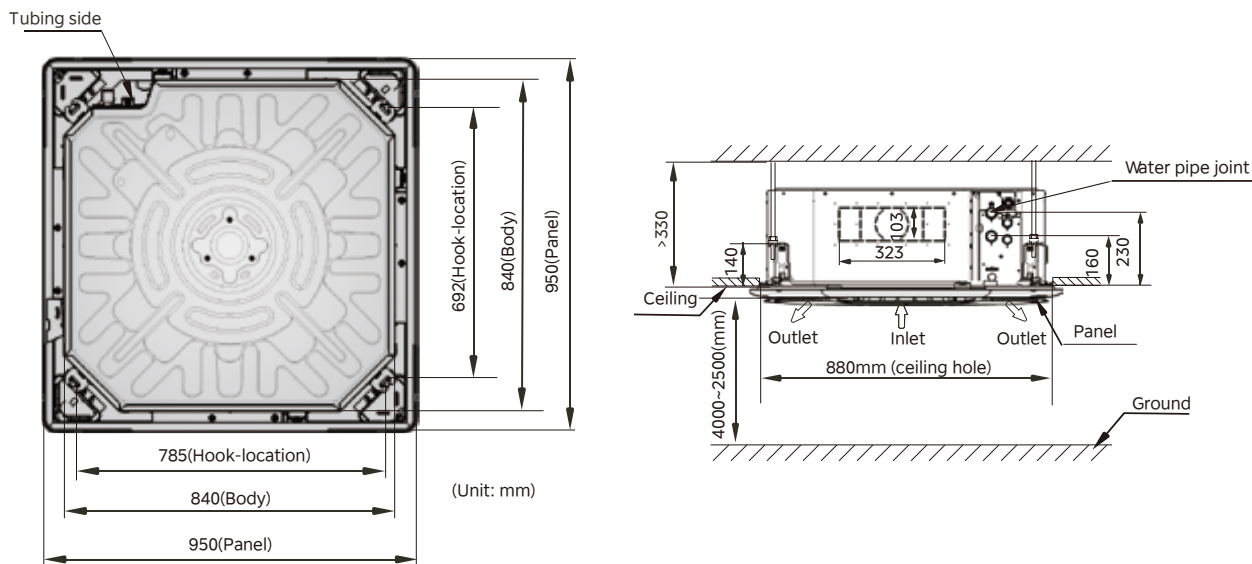


Service Spaces (unit:mm)

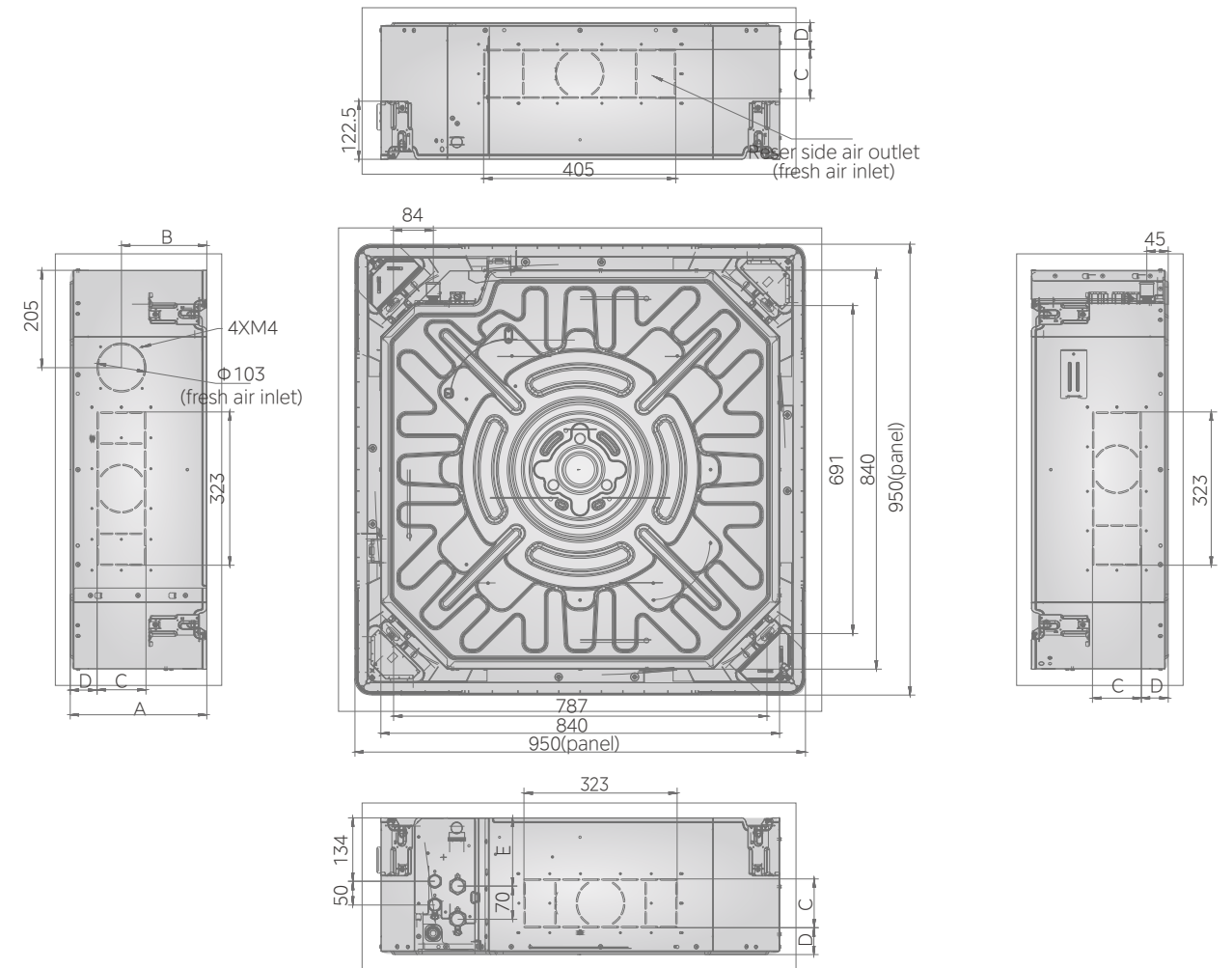


Dimensions

New 4-way cassette



New 4-way cassette

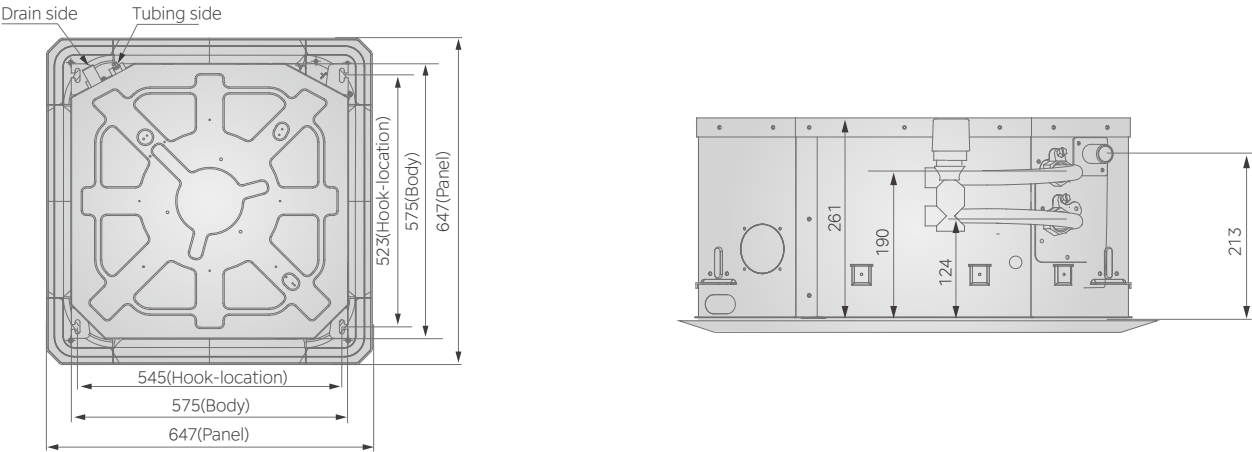


Model	Size(mm)				
	A	B	C	D	E
06CA	204	141	63	41.5	69
07CA-12CA 06FCA-12FCA	288	90	103	56.5	144

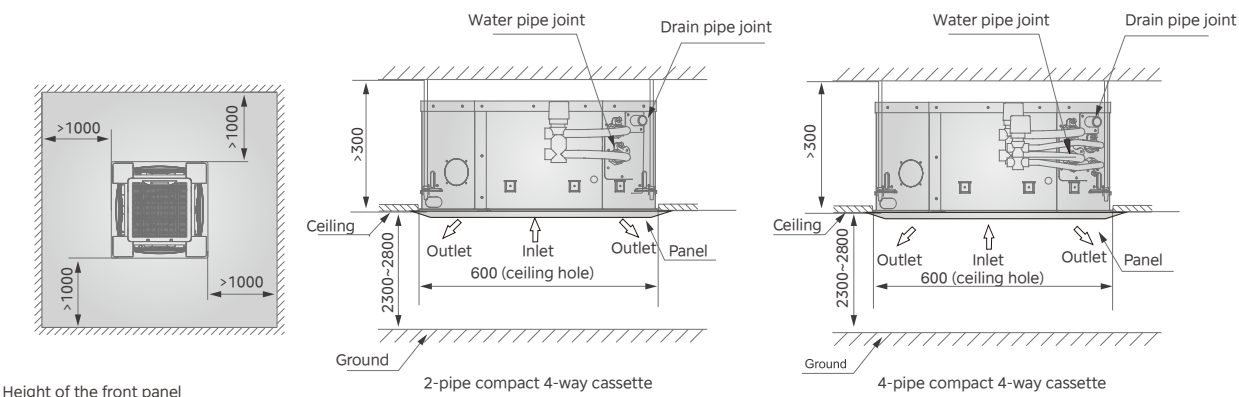
Dimensions

Compact 4-way cassette

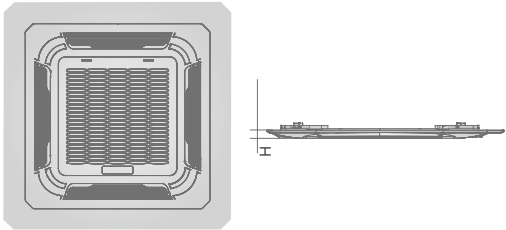
2-pipe compact 4-way cassette
Dimensions (unit: mm)



Service Spaces (unit: mm)

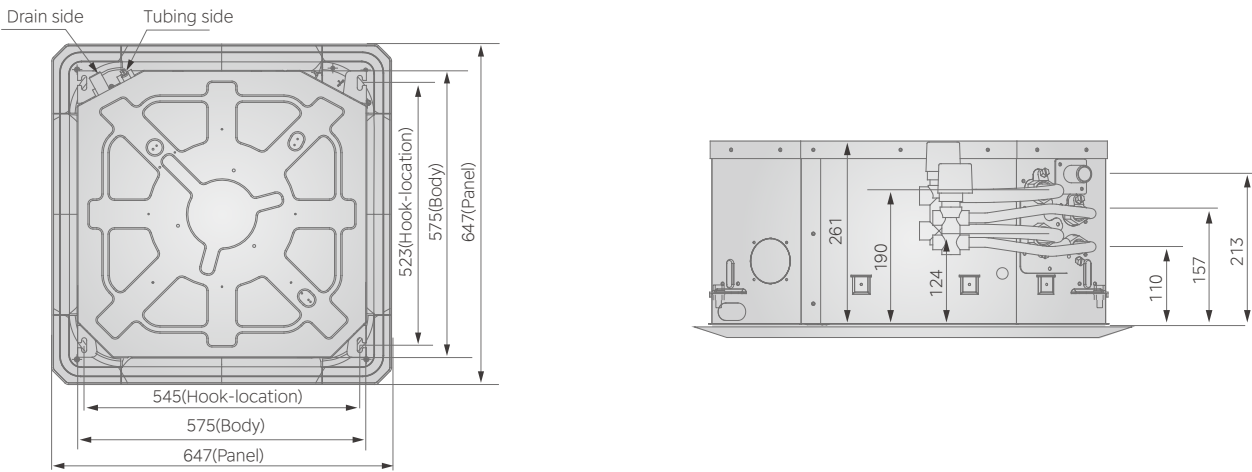


Height of the front panel



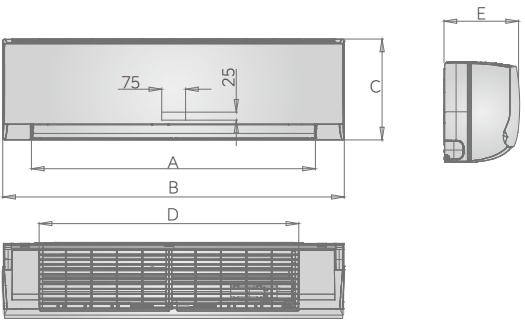
Type	H (mm)
4-way cassette	45
Compact 4-way cassette	50

2-pipe compact 4-way cassette
Dimensions (unit: mm)



Wall mounted - A type

Dimensions (unit: mm)

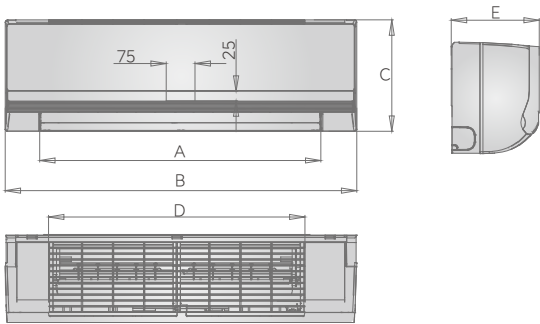


Size	Model	MKG-V250C MKG-V300C MKG-V400C	MKG-V500C MKG-V600C
A		732	892
B		915	1072
C		290	315
D		663	813
E		233	237

Dimensions

Wall mounted - P type

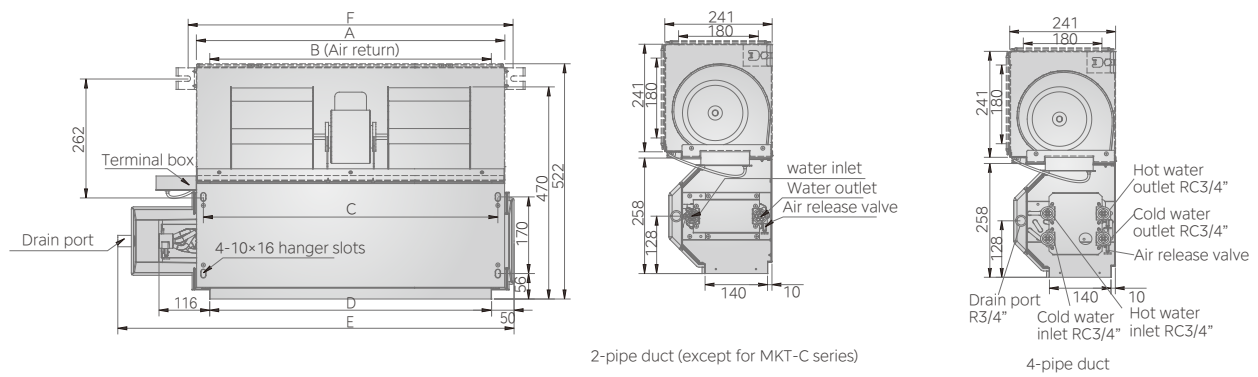
Dimensions (unit: mm)



Model Size	MKG-V250D MKG-V300D MKG-V400D	MKG-V500D MKG-V600D
A	732	892
B	915	1072
C	290	315
D	663	813
E	233	237

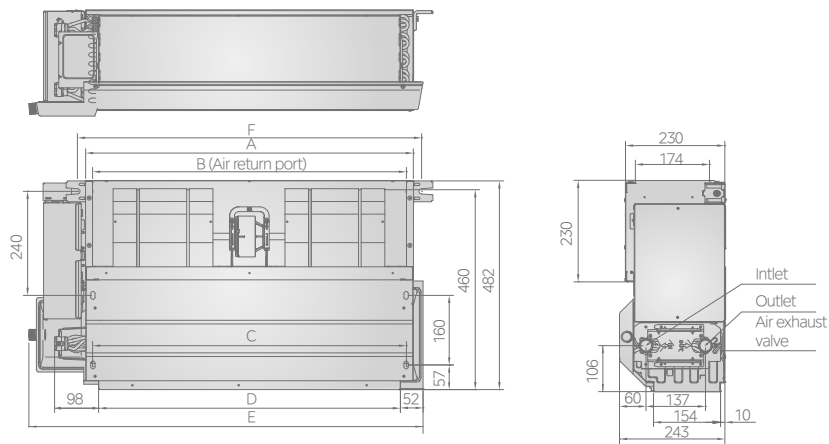
Duct

Dimensions (unit: mm)



Size	A	B	C	D	E	F
200CFM	545	485	513	485	741	583
300CFM	645	585	613	585	841	683
400CFM	745	685	713	685	941	783
500CFM	745	685	713	685	941	783
600CFM	965	905	933	905	1161	1003
800CFM	1265	1205	1233	1205	1461	1303
1000CFM	1370	1310	1338	1310	1566	1408
1200CFM	1660	1600	1628	1600	1856	1698

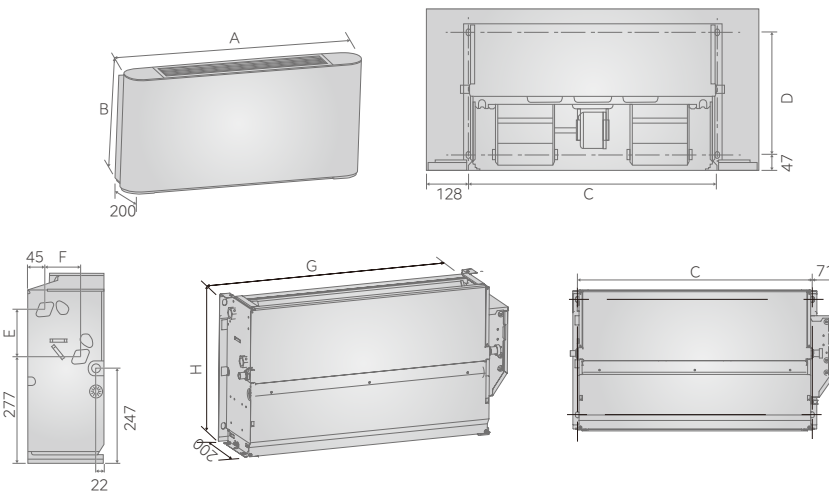
MKT-C series



Model Size	200-Model	300-Model	400-Model 500-Model	600-Model	700-Model	800-Model 1000-Model	1200-Model	1400-Model
A	475	620	755	850	1025	1215	1505	1745
B	443	588	723	818	993	1183	1473	1713
C	442	587	722	817	992	1182	1472	1712
D	415	560	695	790	965	1155	1445	1685
E	632	773	908	1003	1178	1368	1658	1898
F	513	658	793	888	1063	1253	1543	1783

2nd generation Ceiling&Floor

Dimensions (unit: mm)



Model	150	250	350	500	700	800
A(mm)	790	1020	1240	1240	1360	1360
B(mm)	495	495	495	495	495	591
C(mm)	534	764	984	984	1104	1104
D(mm)	375	375	375	375	375	319
E(mm)	123	123	123	123	123	219
F(mm)	93	93	93	93	93	102
G(mm)	628	858	1078	1078	1198	1198
H(mm)	455	455	455	455	455	551

CONTROL SOLUTIONS

Midea provides a variety of control options

Embedded wall-mounted units come standard with remote controllers and all series include at least one type of controller. All units can connect to BMS systems with some customization.

- ▶ Control Devices
- ▶ Accessories
- ▶ Application of Central Control & BMS Control
- ▶ AC Selection Software
- ▶ DC Selection Software



FCU-KIT Functions

Functions		FCUKZ-01	FCUKZ-02	FCUKZ-03-B	FCUKZ-04-B
Control Customization	Follow me	With the follow me function, the indoor unit responds to the temperature measured by the temperature sensor built-in the wireless remote controller.			
	Anti cold air	Prevents the discharge of cold air during initial start up in the winter.			
	Auto-restart	The unit restarts automatically after a power failure and reverts to the previous settings.			
	Forced fan running	After reaching the set temperature, the valve body closes and the fan operates according to the setting.			
	Heat	Only electric auxiliary heating.			
	Temperature compensation	Heating mode: $T2=T1+\Delta T$; Cooling mode: $T2=T1-\Delta T$ T2: Indoor Temperature, T1: Setting Temperature, ΔT : Temperature Compensation			
	XYE Port	Communicate with central controllers or BMS.			
	PQE Port	Communicate with Modbus.			
	CCM18/CCM08/CCM15/BMS/IMM	Central controllers and BMS.			
	0-10V output control	By outputting a 0-10 V level, the opening of the valve body is controlled to meet different energy requirements.			
	0-10V input control	By inputting a 0- 10 V level to PCB, the fan motor speed is controlled to meet different energy requirements.			
	Display board	-			

● equipped as standard; ○ customization option; ✕ without this function; ✓ switch setting

Control Devices

Wireless Remote Controllers

Model	Appearance	Function Descriptions	Applicable FCUs
R05/BGE		- LCD display screen - Mode control	4-way Cassette (standard) 1-way Cassette (standard)
R51/E		- Fan speeds control - Time setting / Temp. setting / Swing setting	Compact 4-way cassette (standard) Wall-mounted (standard)
RM12F		- Display panel (Digital Tube) off - Individual louver control	Wall-mounted (standard) 4-way Cassette (standard) New 4-way Cassette (optional) New Duct series (optional)*
RM12		Customized on the basis of RM12F	New 4-way Cassette (optional) 4-way Cassette (optional) 1-way Cassette (optional) 4-way Compact Cassette (optional) Wall-mounted (optional) New Duct series (optional)*

* DC New Duct series need to add a Display box; AC New Duct series need CE-FCUKZ-03-B or CE-FCUKZ-04-B

Wired Controllers

Model	Appearance	Function Descriptions	Applicable FCUs
KJR-18B/E		- Mechanical thermostat - Mode control - Fan speeds control - Temp. setting	AC Ceiling& Floor and Duct without electric heater (optional)
KJR-29B		- Receiving remote signal - Mode control - Fan speeds control - Temp. setting	AC Cassette / Wall-mounted (optional) DC Cassette / Wall-mounted (optional)
KJR-75A/BK		- LED display screen - Mode control - Seven speed fan control - Temp. setting	DC 2nd generation Ceiling&Floor(optional) DC one-way cassette (optional)
KJRP-86I/MFK-E		- LCD display screen - Mode control - Fan speeds control - Timer / Temp. setting - ECO setting/reminder	AC Ceiling& Floor and AC&DC Duct without electric heater (optional)
KJRP-86A/BMFNKD-E		- LCD display screen with backlight - Mode/Electric heater control - Fan speeds control - Timer / Temp. setting - ECO setting/reminder - Compatible with Modbus	AC Ceiling& Floor and AC&DC Duct (optional)
WDC3-86S		- Bi-directional Communication - Buzzer Sound On/Off - Group Control - Main or Secondary Controller Setting 2 Permission Levels - Humidity Setting	MKT-C series DC duct (optional) New 4-way Cassette (optional)

Centralized Controllers

Model	Appearance	Function Descriptions	Applicable FCUs
CCM09		- Weekly schedule function - Large LCD display screen - Max. of 64 FCUs can be controlled by a CCM09 - Mode control / fan speed control - Time setting / temp. setting / swing setting	All FCUs except MKT-C series DC duct (AC 1-way cassette FCUs need adding NIM01 module, non-PCB FCUs need adding PC board control kit)
CCM30		- Touch-style keys - Large LCD display screen - Max. of 64 FCUs can be controlled by a CCM30 - Mode control / fan speed control - Time setting / temp. setting / swing setting	All FCUs (AC 1-way cassette FCUs need adding NIM01 module, non-PCB FCUs need adding PC board control kit)

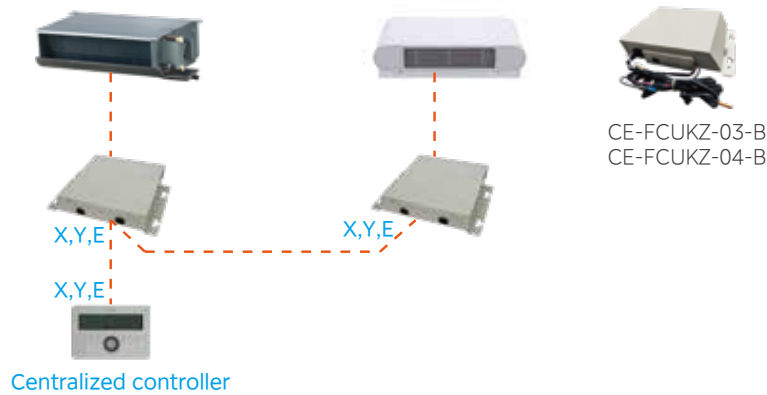
Accessories

PC Board Control Kit for FCU

- Available for all non-PCB FCUs.
- Flexibility installation: can be attached to the unit, mounted on a wall or hung under a ceiling.
- External installation making maintenance more convenient.
- Functions: three fan speeds control, Water pump control, Long-distance ON/OFF control, ALARM function, electric heater control.
- Operating status can be displayed by wired controller lamp indicator.
- Centralized control function.
- BMS control function through Modbus protocol.



Centralized control



Note: The ceiling&floor of AC and duct series of AC and DC need PCB kit to connect Centralized controller.

Model			CE-FCUKZ-01	CE-FCUKZ-02
Applicable appliance			2-pipe FCUs	4-pipe FCUs
Power supply		V-Ph-Hz	220~240-1-50/60	
Operation range	Room temp.	°C	17-30	
	Inlet water temp.	°C	3-75	
Temp. controlling precision		°C	±1	
Net dimension	W×H×D	mm	310x76x290	
Packing size	W×H×D	mm	384x174x359	
Net weight		kg	2.5	
Gross weight		kg	4.6	

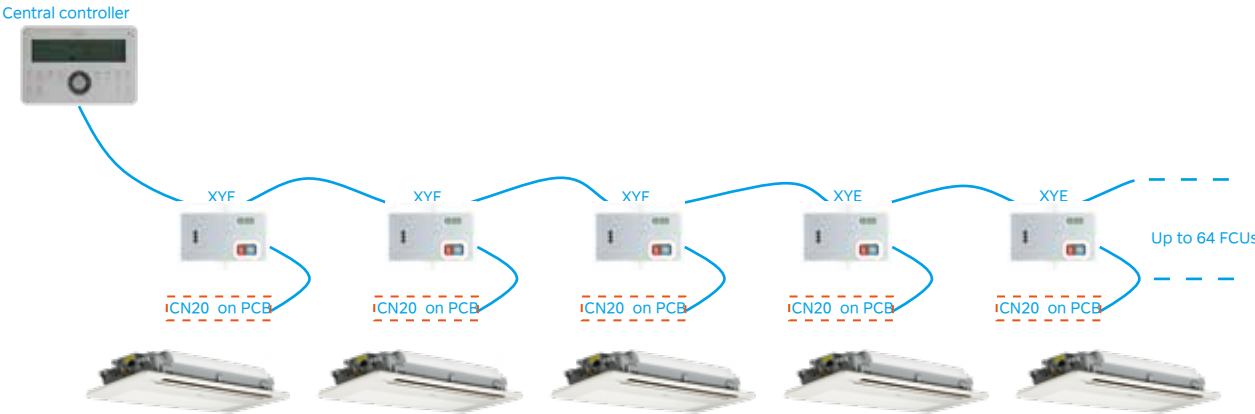
Model			CE-FCUKZ-03-B	CE-FCUKZ-04-B
Applicable appliance			2-pipe FCUs	4-pipe FCUs
Power supply		V-Ph-Hz	220~240-1-50/60	
Operation range	Room temp.	°C	17-30	
	Inlet water temp.	°C	3-75	
Temp. controlling precision		°C	±1	
Net dimension	W×H×D	mm	308x80x244	
Packing size	W×H×D	mm	517x140x319	
Net weight		kg	2.3	
Gross weight		kg	3.6	

Network Module

- Achieve centralized control through XYE connection.
- Only available for one way Cassette of AC.
- Address setting should be same as connecting FCU.
- There LEDs display: operation indicator lamp, communication indicator lamp and malfunction indicator lamp.



Central wiring



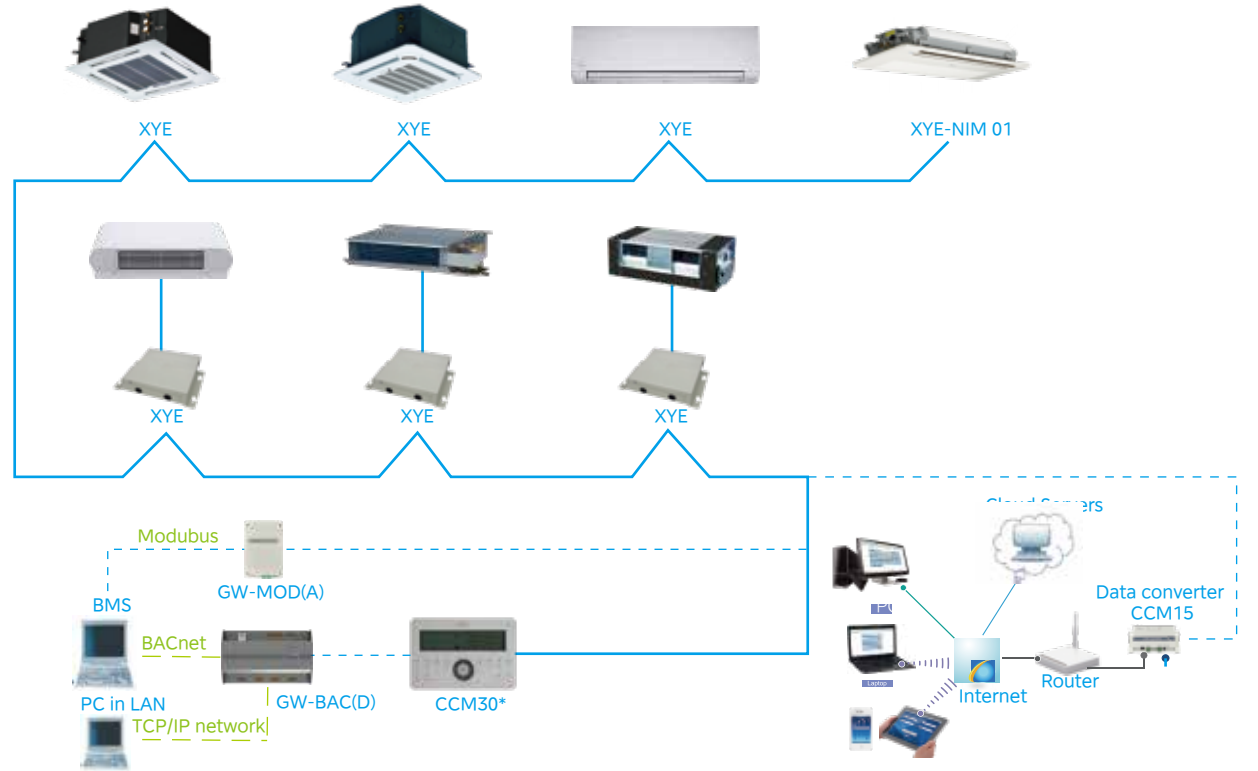
Central wiring



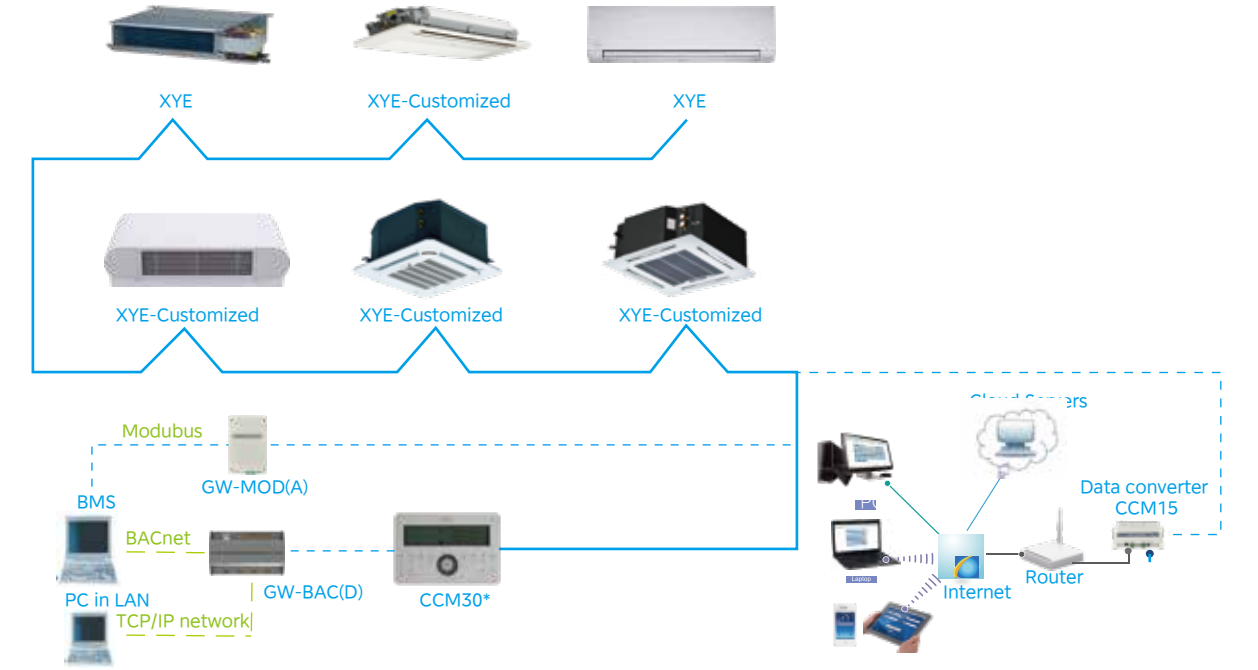
DN(mm)	Inner Screw Thread	Applicable Appliance
15	1/2"	For 4-pipe cassette and ceiling&floor (for hot water).
20	3/4"	For 2-pipe FCU, 4-pipe duct, 4-pipe cassette and ceiling&floor (for cold water).

Note:
The valve kit includes valve, actuator and connecting pipe. For different model of units, the models of valve kit are difference.

AC Series



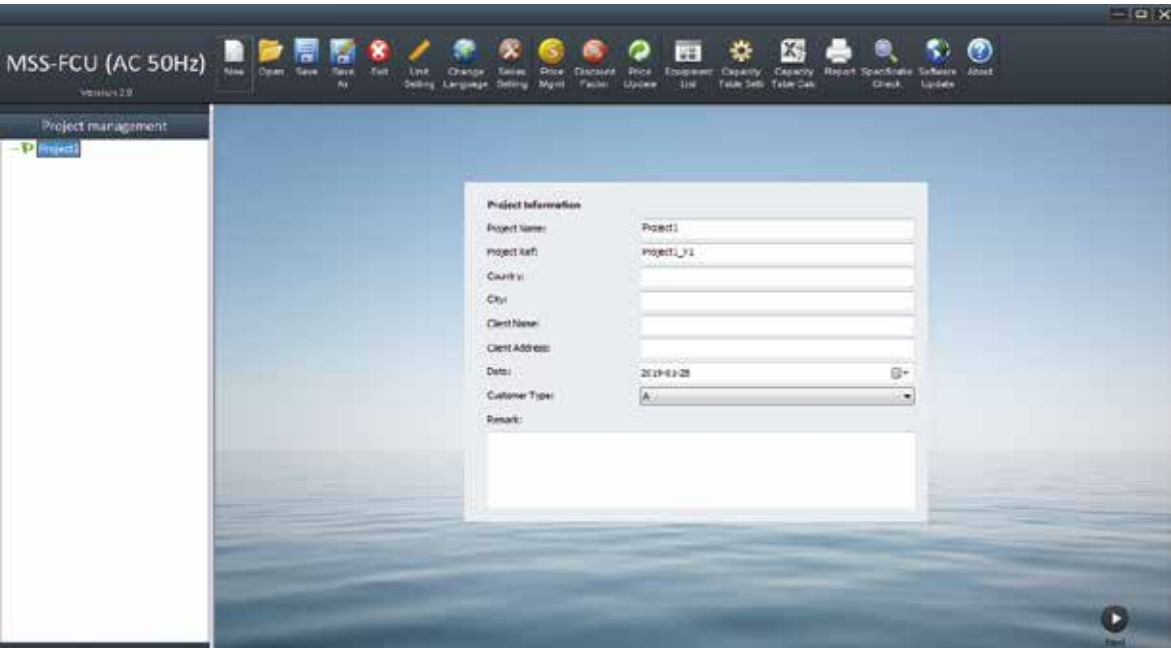
DC Series



*Note: When connecting to BMS through the BACnet protocol gateway, a customized version of CCM30 is required.

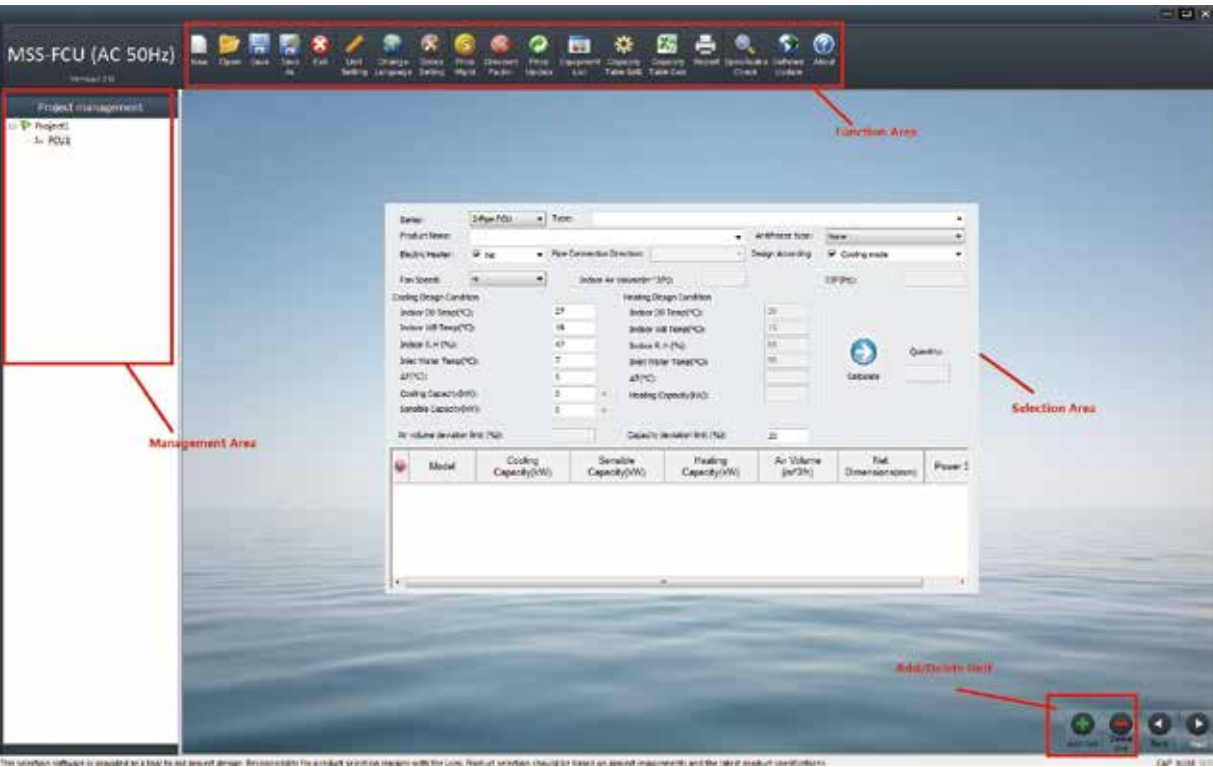
Selection Software

Features

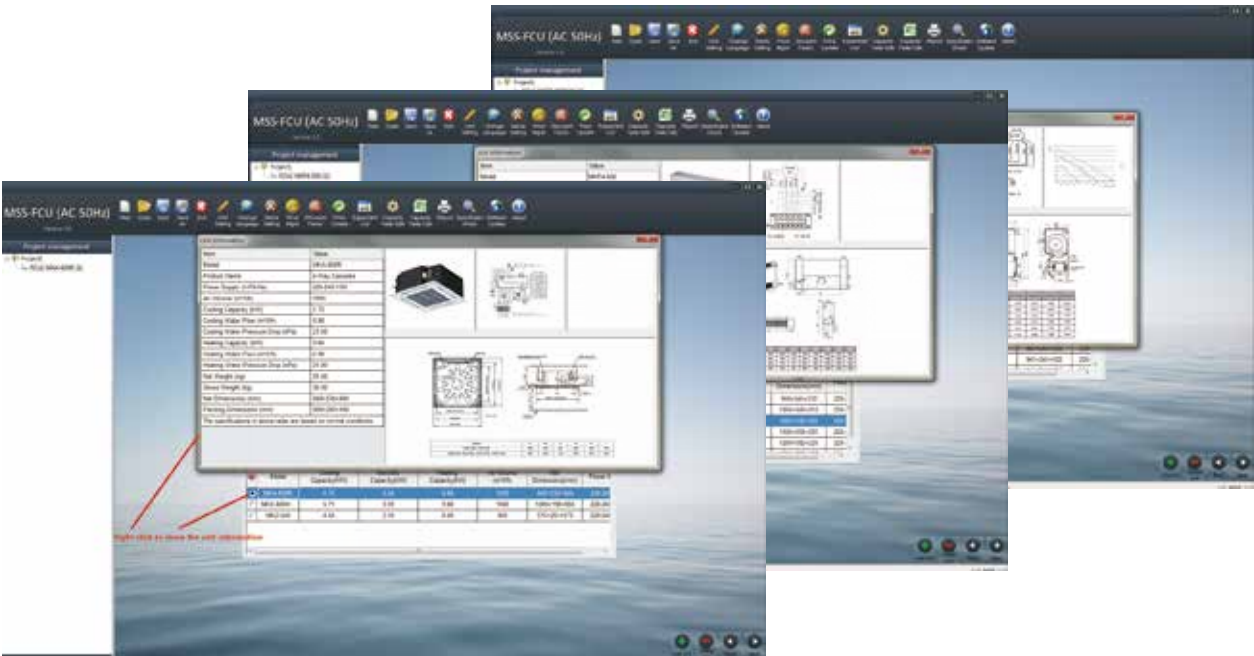


- Select by entering air and water conditions as well as fan speed.
- Easy to operate interface and visual display.
- Powerful project management function.

Main Interface



Selection Interface



Report Data Interface

MSS-FCU (AC 50Hz)

Print Table Max Table
Excel
Copy to
Close

Project management
Project
MSS-FCU (AC 50Hz)

		Indoor temperature (°C)																			
		21.0				23.0				25.0				27.0				29.0			
Indoor Temp (°C)	Outdoor Temp (°C)	TD	SC	WB	WBPO	TD	SC	WB	WBPO	TD	SC	WB	WBPO	TD	SC	WB	WBPO				
15.0	3.72	2.78	1.87	20.29	-	-	-	-	-	-	-	-	-	-	-	-	-				
17.0	4.66	3.16	1.34	49.75	4.64	9.34	1.13	40.27	4.42	3.13	1.32	48.84	4.42	3.12	48.42	4.58	3.11				
19.0	5.66	3.56	1.62	70.18	5.64	9.37	1.12	59.64	5.43	3.59	1.87	69.51	5.42	3.58	1.43	68.24	5.59				
21.0	6.56	3.96	1.71	78.81	6.56	9.39	1.71	78.23	6.36	3.99	1.71	77.86	6.34	3.99	1.79	77.48	6.52				
23.0	7.46	4.36	1.80	87.44	7.46	9.41	1.70	87.41	7.23	4.36	1.70	86.84	7.23	4.35	1.79	86.46	7.44				
25.0	8.36	4.76	1.89	96.07	8.36	9.43	1.69	96.04	8.19	4.76	1.69	95.47	8.19	4.75	1.78	95.09	8.32				
27.0	9.26	5.16	1.98	104.70	9.26	9.45	1.68	104.67	9.01	5.16	1.68	104.10	9.01	5.15	1.77	103.72	9.20				
29.0	10.16	5.56	2.07	113.33	10.16	9.47	1.67	113.30	9.77	5.56	1.67	112.73	9.77	5.55	1.76	112.35	10.08				
15.0	3.72	2.78	1.87	20.29	-	-	-	-	-	-	-	-	-	-	-	-	-				
17.0	4.66	3.16	1.34	49.75	4.64	9.34	1.13	40.27	4.42	3.13	1.32	48.84	4.42	3.12	48.42	4.58	3.11				
19.0	5.66	3.56	1.62	70.18	5.64	9.37	1.12	59.64	5.43	3.59	1.87	69.51	5.42	3.58	1.43	68.24	5.59				
21.0	6.56	3.96	1.71	78.81	6.56	9.39	1.71	78.23	6.36	3.99	1.71	77.86	6.34	3.99	1.79	77.48	6.52				
23.0	7.46	4.36	1.80	87.44	7.46	9.41	1.70	87.41	7.23	4.36	1.70	86.84	7.23	4.35	1.79	86.46	7.44				
25.0	8.36	4.76	1.89	96.07	8.36	9.43	1.69	96.04	8.19	4.76	1.69	95.47	8.19	4.75	1.78	95.09	8.32				
27.0	9.26	5.16	1.98	104.70	9.26	9.45	1.68	104.67	9.01	5.16	1.68	104.10	9.01	5.15	1.77	103.72	9.20				
29.0	10.16	5.56	2.07	113.33	10.16	9.47	1.67	113.30	9.77	5.56	1.67	112.73	9.77	5.55	1.76	112.35	10.08				
15.0	3.72	2.78	1.87	20.29	-	-	-	-	-	-	-	-	-	-	-	-	-				
17.0	4.66	3.16	1.34	49.75	4.64	9.34	1.13	40.27	4.42	3.13	1.32	48.84	4.42	3.12	48.42	4.58	3.11				
19.0	5.66	3.56	1.62	70.18	5.64	9.37	1.12	59.64	5.43	3.59	1.87	69.51	5.42	3.58	1.43	68.24	5.59				
21.0	6.56	3.96	1.71	78.81	6.56	9.39	1.71	78.23	6.36	3.99	1.71	77.86	6.34	3.99	1.79	77.48	6.52				
23.0	7.46	4.36	1.80	87.44	7.46	9.41	1.70	87.41	7.23	4.36	1.70	86.84	7.23	4.35	1.79	86.46	7.44				
25.0	8.36	4.76	1.89	96.07	8.36	9.43	1.69	96.04	8.19	4.76	1.69	95.47	8.19	4.75	1.78	95.09	8.32				
27.0	9.26	5.16	1.98	104.70	9.26	9.45	1.68	104.67	9.01	5.16	1.68	104.10	9.01	5.15	1.77	103.72	9.20				
29.0	10.16	5.56	2.07	113.33	10.16	9.47	1.67	113.30	9.77	5.56	1.67	112.73	9.77	5.55	1.76	112.35	10.08				
15.0	3.72	2.78	1.87	20.29	-	-	-	-	-	-	-	-	-	-	-	-	-				
17.0	4.66	3.16	1.34	49.75	4.64	9.34	1.13	40.27	4.42	3.13	1.32	48.84	4.42	3.12	48.42	4.58	3.11				
19.0	5.66	3.56	1.62	70.18	5.64	9.37	1.12	59.64	5.43	3.59	1.87	69.51	5.42	3.58	1.43	68.24	5.59				
21.0	6.56	3.96	1.71	78.81	6.56	9.39	1.71	78.23	6.36	3.99	1.71	77.86	6.34	3.99	1.79	77.48	6.52				
23.0	7.46	4.36	1.80	87.44	7.46	9.41	1.70	87.41	7.23	4.36	1.70	86.84	7.23	4.35	1.79	86.46	7.44				
25.0	8.36	4.76	1.89	96.07	8.36	9.43	1.69	96.04	8.19	4.76	1.69	95.47	8.19	4.75	1.78	95.09	8.32				
27.0	9.26	5.16	1.98	104.70	9.26	9.45	1.68	104.67	9.01	5.16	1.68	104.10	9.01	5.15	1.77	103.72	9.20				
29.0	10.16	5.56	2.07	113.33	10.16	9.47	1.67	113.30	9.77	5.56	1.67	112.73	9.77	5.55	1.76	112.35	10.08				

This software is provided as a design tool only. It is not intended for use in the design of any system. The user is responsible for the design and construction of the system.

Reference Projects

2018 Russia World Cup Stadiums, Nizhny Novgorod Stadium

City: Nizhny Novgorod
Product: Water-cooled Screw Chiller; Fan Coil Units



2018 Russia World Cup Stadiums, Volgograd Arena

City: Novgorod
Product: Water-cooled Screw Chiller; Fan Coil Units



The 27th Southeast Asian Games Stadium

Country: Myanmar
City: Nay Pyi Taw
Outdoor Units: Water-cooled screw chiller
Indoor Units: MAHU
Total Capacity: 4,100 RT



Beijing New International Airport

Country: China
City: Beijing
Outdoor Units: Centrifugal chiller
Indoor Units: FCU & MAHU
Total Capacity: 10, 000 RT



Hilton Hotel in Foshan(Five Star)

Country:	China
City:	Foshan
Outdoor Units:	Centrifugal chiller & Water-cooled screw chiller
Indoor Units:	FCU & AHU
Total Capacity:	4, 500 RT



Major Platinum Cineplex Laos

Country:	Laos
City:	Vientiane
Outdoor Units:	Centrifugal chiller & Water-cooled screw chiller
Indoor Units:	FCU & AHU
Total Capacity:	2, 500 RT



Top Glove in Malaysia

Country:	Malaysia
City:	Klang
Outdoor Units:	Water-cooled screw chiller
Indoor Units:	FCU & AHU
Total Capacity:	3, 400 RT



The Prime Minister Office Building

Country:	Tajikistan
City:	Dushanbe
Outdoor Units:	Water-cooled screw chiller
Indoor Units:	FCU & AHU
Total Capacity:	2, 880 RT

