

DISCOVER
easyCOMFORT

Midea Group
Midea Building Technologies Division

C-FCU2T202501

Add.: Midea Headquarters Building, 6 Midea Avenue, Shunde, Foshan, Guangdong, China
Postal code: 528311

mbt.midea.com/global www.midea-group.com ics.midea.com

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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.

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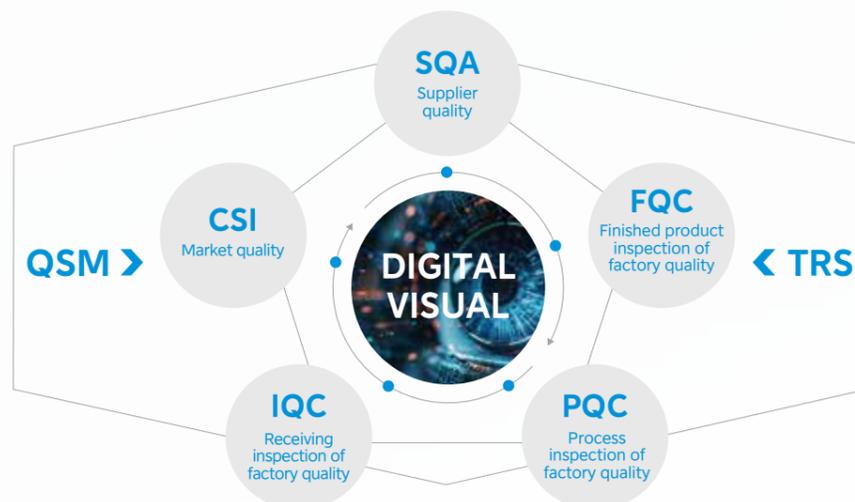
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4 global manufacturing locations assure timely delivery with less sensitivity to supply chain interruption.



MIDEA LARGE TONNAGE CHILLER HISTORY



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

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

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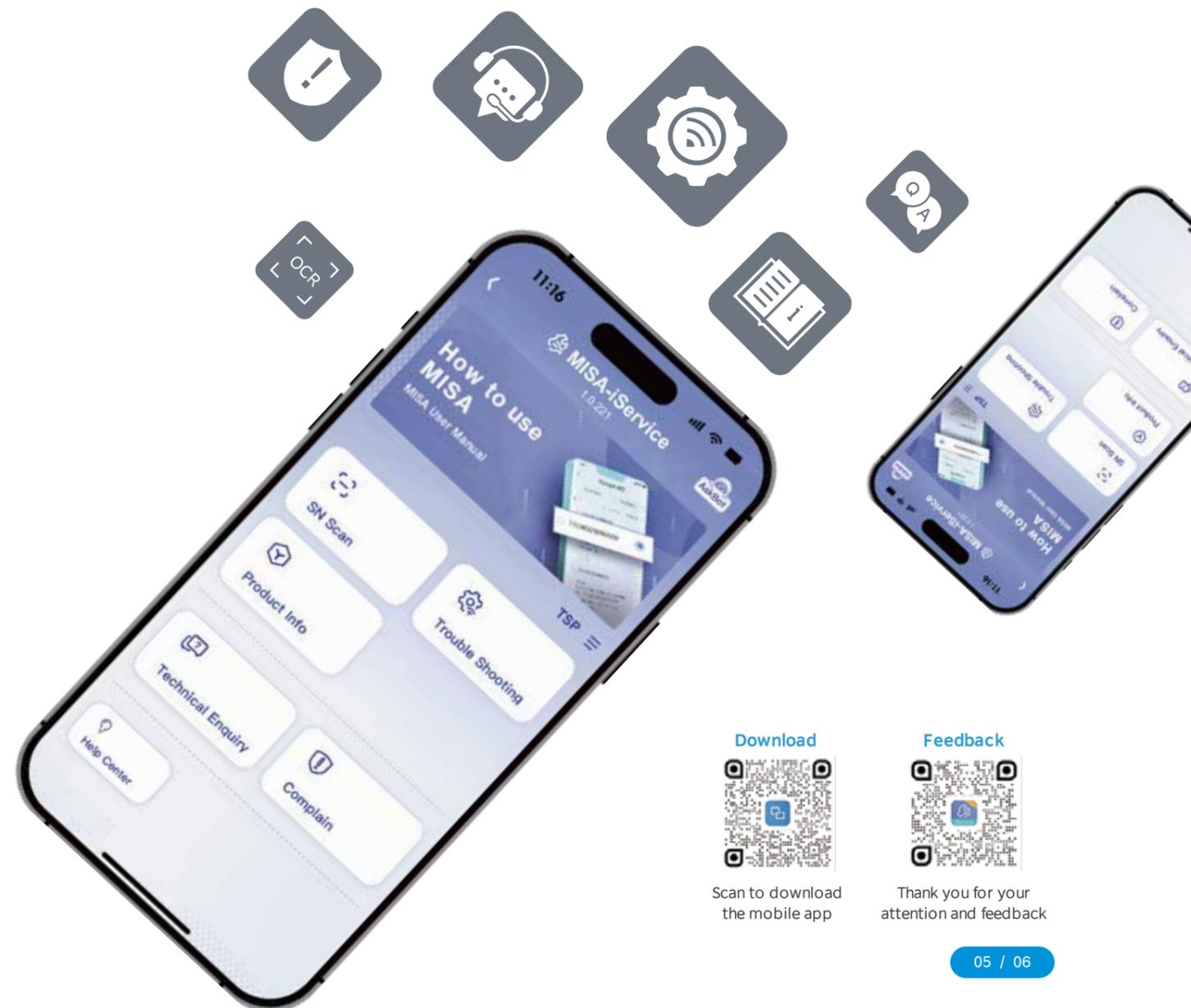
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GLOBAL BULK WAREHOUSE LAYOUT OVERVIEW



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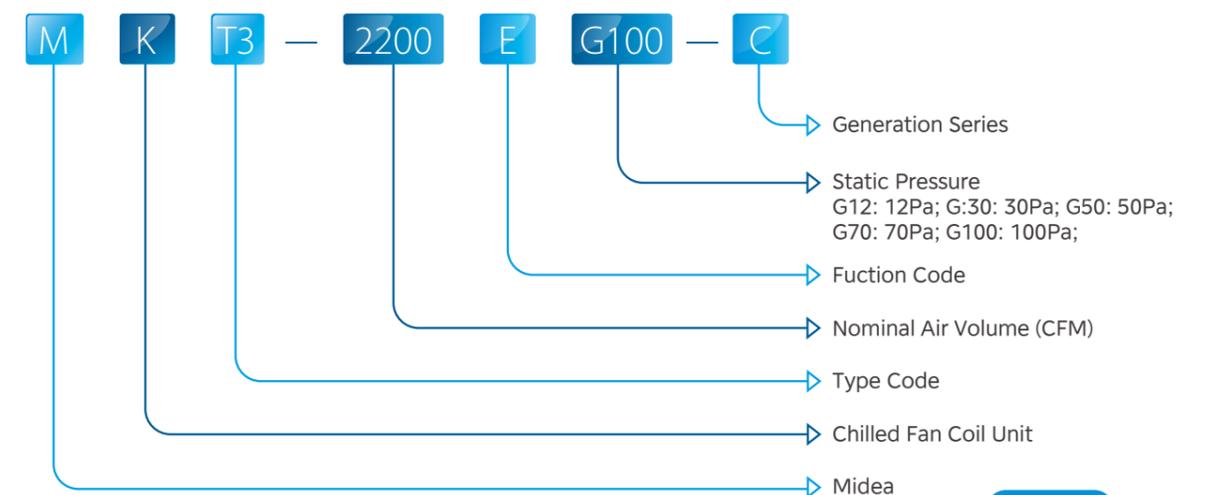
Introduction

Midea fan coil units are available in several types including ceiling-exposed, ceiling-concealed, wall-mounted, and floor-standing. With air volume ranging from 150 CFM to 2,200 CFM (255 m³/h to 3,740 m³/h), these units offer versatile solutions suitable for hospitals, office buildings, hotels, airports, and many other applications.



AC Fan Coil Units

Nomenclature



Product Lineup

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

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

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

| Model | 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: $T_2 = T_1 + \Delta T$; Cooling mode: $T_2 = T_1 - \Delta T$ 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

FEATURES



Model: 300/400 CFM



RM05
Standard



KJR-75A
Optional

Features

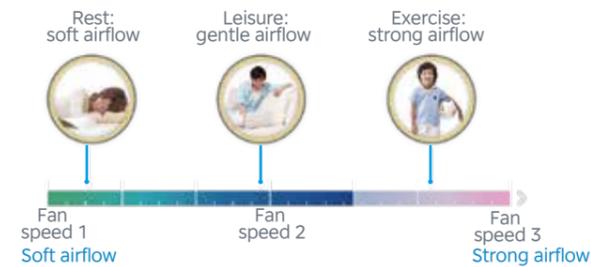
- The Central controllers can be connected through a customized Network Module (MD-NIM01).
- Remote on/off function.
- Optional wired controller (KJR-75A).
- Compact design with 153mm ultra-slim profile
Standard built-in drain pump with 750mm pump head.

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



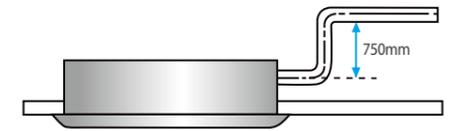
Multiple Fan Speeds

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



High-lift Pump

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



Minimum 153 mm thickness

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.



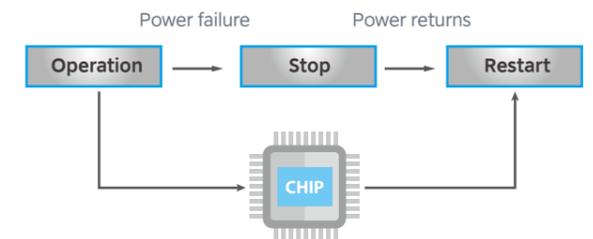
One Direction AirFlow

One direction airflow guarantees quick cooling, flexible installation positioning.



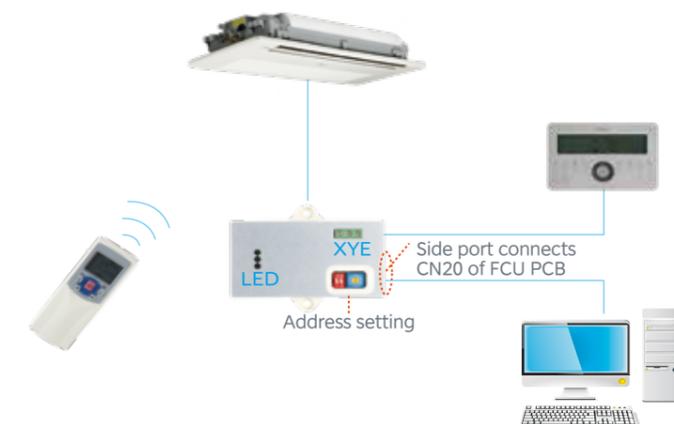
Auto restart

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 central controllers or BMS through the customized network module MD-NIM01.



Specifications

One-way Cassette

| Model | | MKC-300R-B | MKC-400R-B | |
|------------------------------|---------------------------------|------------------------------------|------------------|-------------------|
| Power supply | V/Ph/Hz | 220-240/1/50 | | |
| Air flow (H/M/L) | m³/h | 510/450/400 | 630/560/500 | |
| | CFM | 300/270/240 | 370/330/300 | |
| Cooling | Capacity (H/M/L) | kW | 3.04/2.79/2.56 | 3.79/3.58/3.38 |
| | Water flow rate | m³/h | 0.52/0.48/0.44 | 0.65/0.62/0.58 |
| | Water pressure drop | kPa | 14.00/11.85/9.88 | 20.00/17.67/15.84 |
| Heating | Capacity (H/M/L) | kW | 5.13/4.69/4.04 | 6.41/5.86/5.11 |
| | Water flow rate | m³/h | 0.52/0.48/0.44 | 0.65/0.62/0.58 |
| | Water pressure drop | kPa | 14.00/11.85/9.88 | 20.00/17.67/15.84 |
| Power input (H/M/L) | W | 32/22/15 | 40/30/25 | |
| Sound pressure level (H/M/L) | dB(A) | 36/34/32 | 37/35/34 | |
| Fan motor | Type | Low noise 3-speed fan motor | | |
| | Quantity | 1 | 1 | |
| Fan | Type | Centrifugal, forward-curved Blades | | |
| | Quantity | 1 | 1 | |
| | Row | 2 | 2 | |
| Coil | Max. working pressure | MPa | 1.6 | 1.6 |
| | Diameter | mm | Φ7 | Φ7 |
| Panel | Net dimensions (W×H×D) | mm | 1180x25x465 | 1180x25x465 |
| | Packing size (W×H×D) | mm | 1232x107x517 | 1232x107x517 |
| | Net weight | kg | 3.5 | 3.5 |
| | Gross weight | kg | 5.2 | 5.2 |
| Body | Net dimensions (W×H×D) | mm | 1054x153x428 | 1054x153x428 |
| | Packing size (W×H×D) | mm | 1155x245x490 | 1155x245x490 |
| | Net weight (non-AEH/with-AEH) | kg | 12.8/13.1 | 12.8/13.1 |
| | Gross weight (non-AEH/with-AEH) | kg | 16.6/17.1 | 16.6/17.1 |
| Pipe connections | Water inlet/outlet pipe | inch | G1/2 | G1/2 |
| | Drain pipe | mm | 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 a semi-anechoic test room.
 4. Auxiliary electric heater (AEH) is optional.

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.

4-way panel



360° panel



NEW 360° panel



NEW 360° panel

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



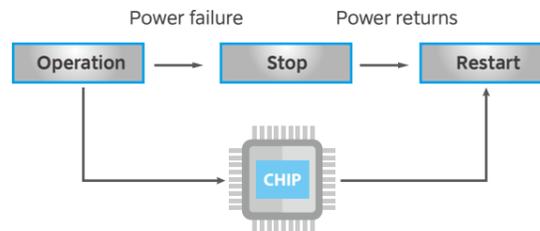
Individual louver control

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



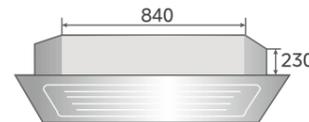
Auto restart

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).



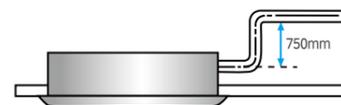
Compact, low-profile design

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-600R | MKA-750R | MKA-850R | |
|---------------------------------|---------------------------------|------------------------------------|----------------|-----------------|-----------------|
| Power supply | V/ph/Hz | | 220-240/1/50 | | |
| Air flow (H/M/L) | m³/h | 1000/850/720 | 1250/1060/900 | 1400/1190/1010 | |
| | CFM | 590/500/420 | 740/620/530 | 820/700/590 | |
| Cooling | Capacity (H/M/L) | kW | 5.7/4.73/3.96 | 7.27/6.46/5.71 | |
| | Water flow rate | m³/h | 1.03/0.88/0.76 | 1.20/0.96/0.80 | 1.28/1.15/1.02 |
| | Water pressure drop | kPa | 24.3/18.2/13.9 | 30.0/20.1/15.00 | 24.4/20.2/16.0 |
| Heating | Capacity (H/M/L) | kW | 9.66/7.72/6.27 | 11.55/9.24/7.51 | 12.42/9.93/8.07 |
| | Water flow rate | m³/h | 1.20/1.02/0.85 | 1.95/1.55/1.23 | 1.43/1.28/1.10 |
| | Water pressure drop | kPa | 29.5/21.7/15.6 | 37.2/23.4/18.4 | 28.3/22.8/17.2 |
| Power input (H/M/L) | W | 125/84/74 | 130/102/93 | 150/124/106 | |
| Auxiliary electric heater (AEH) | W | 2100 | 2100 | 2850 | |
| Sound pressure level (H/M/L) | dB(A) | 45/41/36 | 46/42/37 | 47/43/38 | |
| 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 | |
| | 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 |
| Body | Net weight | kg | 6 | 6 | 6 |
| | Gross weight | kg | 9 | 9 | 9 |
| | Net dimensions (W×H×D) | mm | 840×230×840 | 840×230×840 | 840×300×840 |
| Pipe connections | Packing size (W×H×D) | mm | 900×260×900 | 900×260×900 | 900×330×900 |
| | Net weight (non-AEH/with-AEH) | kg | 25/27 | 25/27 | 30.5/33 |
| | Gross weight (non-AEH/with-AEH) | kg | 30/32 | 28/32 | 36.2/39 |
| Water inlet/outlet pipe | inch | RC3/4 | RC3/4 | RC3/4 | |
| | mm | ODΦ32 | ODΦ32 | ODΦ32 | |

| Model | | MKA-950R | MKA-1200R | MKA-1500R | |
|---------------------------------|---------------------------------|------------------------------------|-------------------|-------------------|-------------------|
| Power supply | V/ph/Hz | | 220-240/1/50 | | |
| Air flow (H/M/L) | m³/h | 1600/1360/1150 | 2000/1700/1440 | 2550/2170/1840 | |
| | CFM | 940/800/680 | 1180/1000/850 | 1500/1280/1080 | |
| Cooling | Capacity (H/M/L) | kW | 8.22/7.39/6.54 | 10.39/9.25/8.2 | 12.9/11.51/10.21 |
| | Water flow rate | m³/h | 1.41/1.27/1.12 | 1.80/1.60/1.40 | 2.20/1.90/1.80 |
| | Water pressure drop | kPa | 27.14/21.98/18.05 | 22.00/17.00/14.10 | 40.00/27.20/25.00 |
| Heating | Capacity (H/M/L) | kW | 13.85/11.08/9 | 17.58/14.06/11.42 | 17.6/14.08/11.44 |
| | Water flow rate | m³/h | 2.35/1.80/1.53 | 2.97/2.35/1.94 | 2.90/2.38/1.90 |
| | Water pressure drop | kPa | 31.65/26.19/22.08 | 28.1/20.7/17.4 | 50.0/35.0/25.0 |
| Power input (H/M/L) | W | 155/131/106 | 190/127/109 | 190/136/109 | |
| Auxiliary electric heater (AEH) | W | 2850 | 2850 | / | |
| Sound pressure level (H/M/L) | dB(A) | 48/44/39 | 49/45/40 | 50/46/41 | |
| 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 | 3 | |
| | Max. working pressure | MPa | 1.6 | 1.6 | 1.6 |
| Panel | Diameter | mm | 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 |
| Body | 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 |
| Pipe connections | Packing size (W×H×D) | mm | 900×330×900 | 900×330×900 | 900×330×900 |
| | Net weight (non-AEH/with-AEH) | kg | 30.5/33 | 28.8/33 | 31.8 |
| | Gross weight (non-AEH/with-AEH) | kg | 36.2/39 | 34.3/39 | 36 |
| Water inlet/outlet pipe | inch | RC3/4 | RC3/4 | RC3/4 | |
| | 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 50°C, the same water flow as the cooling conditions, Entering air temperature 20°C DB.
3. Noise is tested in a semi-anechoic test room.
4. Auxiliary electric heater (AEH) is optional.

Specifications

4-Pipe 4-Way Cassette

| Model | | MKA-600F | MKA-750F | MKA-850F |
|------------------------------|-------------------------|------------------------------------|-------------------------------------|-------------------|
| Power supply | V/Ph/Hz | | 220-240/1/50 | |
| Air flow (H/M/L) | m³/h | 1150/800/690 | 1460/1020/880 | 1480/1040/890 |
| | CFM | 680/470/410 | 860/600/510 | 870/610/520 |
| Cooling | Capacity (H/M/L) | kW 5.1/4.08/3.76 | 5.93/4.41/3.94 | 6.17/5.13/4.59 |
| | Water flow rate | m³/h 0.87/0.64/0.53 | 0.97/0.69/0.57 | 1.06/0.90/0.79 |
| | Water pressure drop | kPa 15.92/9/6.41 | 18.79/10.11/7.22 | 20.4/15.0/12.5 |
| Heating | Capacity (H/M/L) | kW 6.67/5.87/5.07 | 7.87/6.85/5.9 | 8.06/6.93/6.05 |
| | Water flow rate | m³/h 0.52/0.4/0.34 | 0.6/0.44/0.38 | 0.7/0.6/0.55 |
| | Water pressure drop | kPa 24.56/14.60/10.61 | 33.96/18.52/13.99 | 44.98/35.00/28.10 |
| Power input (H/M/L) | W | 170/120/85 | 188/135/90 | 198/140/100 |
| Sound pressure level (H/M/L) | dB(A) | 42/32/26 | 44/34/28 | 46/36/30 |
| Fan motor | Type | Low noise 3-speed fan motor | | |
| | Quantity | 1 | 1 | 1 |
| Fan | Type | Centrifugal, forward-curved Blades | | |
| | Quantity | 1 | 1 | 1 |
| | Row | 2 | 2 | 2 |
| Coil | Max. working pressure | MPa 1.6 | 1.6 | 1.6 |
| | Diameter | mm ϕ 7 | ϕ 7 | ϕ 7 |
| | 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 |
| Body | 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 | OD ϕ 32 | OD ϕ 32 |

| Model | | MKA-950F | MKA-1200F | MKA-1500F |
|------------------------------|-------------------------|------------------------------------|-------------------------------------|-------------------|
| Power supply | V/Ph/Hz | | 220-240/1/50 | |
| Air flow (H/M/L) | m³/h | 1720/1200/1030 | 1860/1300/1110 | 2100/1470/1260 |
| | CFM | 1010/700/610 | 1090/760/650 | 1230/860/740 |
| Cooling | Capacity (H/M/L) | kW 6.7/5.48/4.85 | 9.28/7.45/6.5 | 10.58/7.45/6.5 |
| | Water flow rate | m³/h 1.15/0.95/0.83 | 1.60/1.30/1.10 | 2.10/1.90/1.60 |
| | Water pressure drop | kPa 35.0/20.0/15.0 | 40.0/35.0/30.0 | 43.31/38.03/32.44 |
| Heating | Capacity (H/M/L) | kW 8.67/7.63/6.59 | 11.65/10.49/8.85 | 12.62/11.36/9.47 |
| | Water flow rate | m³/h 0.75/0.67/0.60 | 1.00/0.92/0.80 | 1.50/0.99/0.86 |
| | Water pressure drop | kPa 43.91/33.59/29.43 | 52.91/42.36/36.00 | 56.13/46.89/38.90 |
| Power input (H/M/L) | W | 205/145/105 | 197/135/103 | 234/165/115 |
| Sound pressure level (H/M/L) | dB(A) | 47/38/32 | 48/40/34 | 50/42/36 |
| Fan motor | Type | Low noise 3-speed fan motor | | |
| | Quantity | 1 | 1 | 1 |
| Fan | Type | Centrifugal, forward-curved Blades | | |
| | Quantity | 1 | 1 | 1 |
| | Row | 2 | 3 | 3 |
| Coil | Max. working pressure | MPa 1.6 | 1.6 | 1.6 |
| | Diameter | mm ϕ 7 | ϕ 7 | ϕ 7 |
| | 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 |
| Body | 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 | OD ϕ 32 | OD ϕ 32 |

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 70°C, leaving water 60°C, Entering air temperature 20°C DB.
 3. Noise is tested in a semi-anechoic 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).

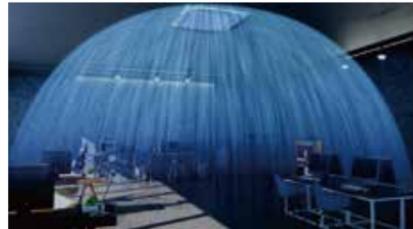
Compact design allows installation in shallow ceilings.



FEATURES

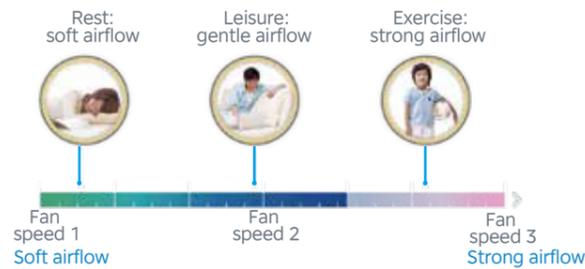
360° Airflow

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



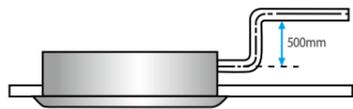
Multiple Fan Speeds

The AC Series comes with 3 fan speed option to meet the needs of different indoor conditions.



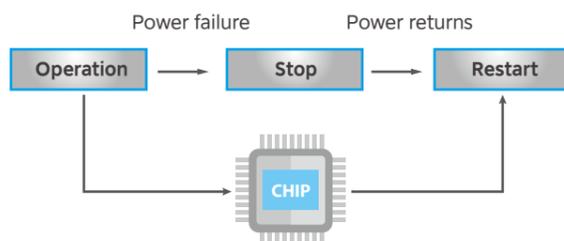
High-lift Drain Pump

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



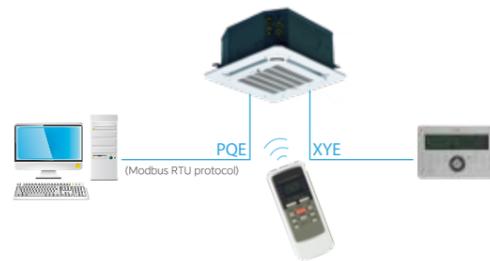
Auto restart

In the event of a 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 central controllers through the customized XYE port, also can be connected to Modbus gateway through the customized PQE port with Modbus RTU protocol.

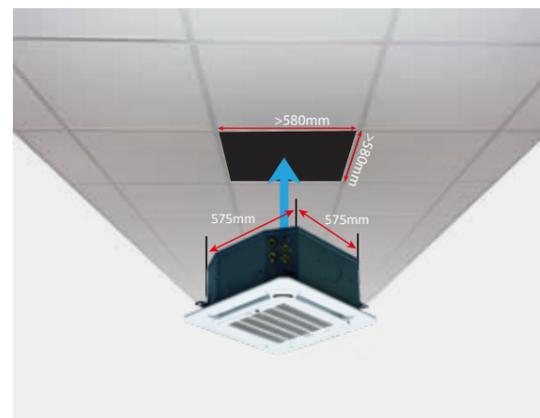


Compact design

The height of models 300 to 500 is just 261mm, making the Compact Four-way Cassette ideal for standard ceilings.



Compact Four-way Cassette body dimension is only 575 mm x 575 mm which can easily fits into less to 585 mm ceiling grid.



Specifications

2-Pipe Compact 4-Way Cassette

| Model | | MKD-300 | MKD-400 | MKD-500 | |
|---------------------------------|-------------------------|------------------------------------|-----------------|-------------------|-----------------|
| Power supply | V/Ph/Hz | 220-240/1/50 | | | |
| Air flow (H/M/L) | m³/h | 510/440/360 | 680/580/480 | 850/730/600 | |
| | CFM | 300/260/210 | 400/340/280 | 500/430/350 | |
| Cooling | Capacity (H/M/L) | kW | 3.7/3.18/2.16 | 4.5/3.6/3.06 | |
| | Water flow rate | m³/h | 0.52/0.42/0.34 | 0.63/0.54/0.45 | 0.77/0.61/0.53 |
| | Water pressure drop | kPa | 10.70/9.11/7.15 | 20.00/15.00/10.00 | 12.56/8.37/6.57 |
| Heating | Capacity (H/M/L) | kW | 4/3.5/3.08 | 5.1/4.3/3.83 | 6/4.76/4.07 |
| | Water flow rate | m³/h | 0.68/0.60/0.52 | 0.82/0.70/0.65 | 1.00/0.80/0.69 |
| | Water pressure drop | kPa | 15.4/15.0/10.0 | 22.0/17.0/15.2 | 26.0/22.0/19.0 |
| Power input (H/M/L) | W | 50/40/30 | 70/50/40 | 95/53/42 | |
| 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 | |
| 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 | |
| | Diameter | mm | Φ7 | Φ7 | |
| Panel | Net dimensions (W×H×D) | mm | 647×50×647 | 647×50×647 | |
| | Packing size (W×H×D) | mm | 715×123×715 | 715×123×715 | |
| | Net weight | kg | 2.6 | 2.6 | |
| Body | Gross weight | kg | 4.7 | 4.7 | |
| | Net dimensions (W×H×D) | mm | 575×261×575 | 575×261×575 | |
| | Packing size (W×H×D) | mm | 670×290×670 | 670×290×670 | |
| Pipe connections | Net weight | kg | 16.5 | 16.5 | |
| | Gross weight | kg | 20 | 20 | |
| | Water inlet/outlet pipe | inch | G3/4 | G3/4 | |
| | Drain pipe | mm | ODΦ25 | ODΦ25 | |

4-Pipe Compact 4-Way Cassette

| Model | | MKD-300S | MKD-400S | MKD-500S | |
|------------------------------|-------------------------|------------------------------------|-----------------------------------|-------------------|-------------------|
| Power supply | V/Ph/Hz | 220-240/1/50 | | | |
| Air flow (H/M/L) | m³/h | 510/440/360 | 680/580/480 | 850/730/600 | |
| | CFM | 300/260/210 | 400/340/280 | 500/430/350 | |
| Cooling | Capacity (H/M/L) | kW | 2.9/2.55/2.04 | 3.5/2.87/2.15 | |
| | Water flow rate | m³/h | 0.43/0.38/0.30 | 0.50/0.44/0.35 | 0.60/0.49/0.37 |
| | Water pressure drop | kPa | 22.00/17.04/10.90 | 16.00/12.39/7.84 | 24.00/16.14/9.05 |
| Heating | Capacity (H/M/L) | kW | 3.7/3.29/2.92 | 4.6/3.82/3.4 | 5.1/4.03/3.52 |
| | Water flow rate | m³/h | 0.32/0.28/0.25 | 0.40/0.33/0.29 | 0.44/0.35/0.29 |
| | Water pressure drop | kPa | 17.00/13.47/10.61 | 23.00/16.23/12.59 | 27.00/16.85/12.12 |
| Power input (H/M/L) | W | 50/40/30 | 70/50/40 | 95/65/50 | |
| Sound pressure level (H/M/L) | dB(A) | 36/33/28 | 42/39/32 | 45/42/34 | |
| 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 | |
| | Diameter | mm | Φ7 | Φ7 | |
| Panel | Net dimensions (W×H×D) | mm | 647×50×647 | 647×50×647 | |
| | Packing size (W×H×D) | mm | 715×123×715 | 715×123×715 | |
| | Net weight | kg | 2.6 | 2.6 | |
| Body | Gross weight | kg | 4.7 | 4.7 | |
| | Net dimensions (W×H×D) | mm | 575×261×575 | 575×261×575 | |
| | Packing size (W×H×D) | mm | 670×290×670 | 670×290×670 | |
| Pipe connections | Net weight | kg | 16.5 | 16.5 | |
| | Gross weight | kg | 20 | 20 | |
| | Water inlet/outlet pipe | inch | Cold water: G3/4; Hot water: G1/2 | | |
| | Drain pipe | mm | 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 70°C, leaving water 60°C, Entering air temperature 20°C DB.
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.



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



RM05+FCU KIT
Optional

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

Features

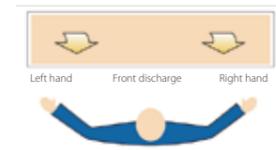
- 3 or 4 row for 2-pipe system and 3 row for 4-pipe system.
- Wide variety of models including standard, A4 and large temperature difference type.
- Washable filter: Iron frame filter is standard, with optional aluminum frame (requires customization).
- Compatible with both rear air returns (standard) 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.



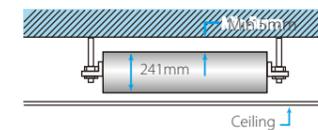
Flexible Installation

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



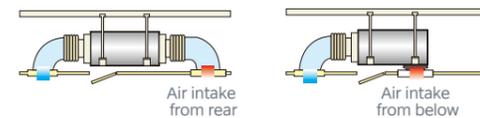
Compact Size

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.



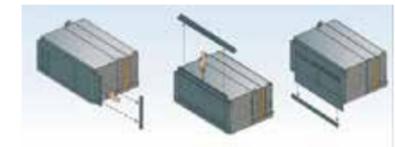
Control solutions

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.



MKT3-C 3-row duct and district cooling duct



Flexible Installation

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



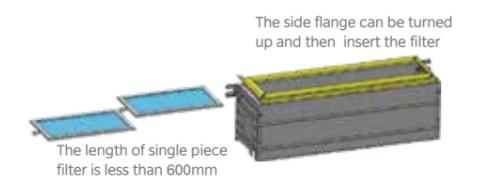
Deeper water tray

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



Easy to Pull Filter (District Cooling Duct)

Guide rail can be pulled left and right and the length of single piece filter is less than 600mm, so it is easy to take out the filter and convenient to maintain the unit. Up and down pull guide rail can be customized.



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 | |
| 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 | |
| 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 | |
| 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 | |
| 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 factor 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 | |
| Current input (H/M/L) | A | 0.51/0.44/0.36 | 0.59/0.52/0.43 | 0.67/0.54/0.43 | 0.83/0.60/0.51 | 1.00/0.80/0.64 | |
| 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 | |
| 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 | |
| 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 factor 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 | |
| | 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 |
| Cooling | 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 |
| | 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 |
| Heating | 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 | |
| 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 | |
| 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 | |
| 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 | |
| | Row | 3 | 3 | 3 | 3 | 3 | |
| Coil | 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 | 18.8 | |
| Gross weight | CB | kg | 14.4 | 16.9 | 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 | |
| | 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 |
| Cooling | 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 |
| | 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 | 22.16/18.23/13.37 |
| Heating | 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 | |
| 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 | |
| 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 | |
| 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 | |
| | Row | 3 | 3 | 3 | 3 | 3 | |
| Coil | MAX. working pressure | MPa | 1.6 | 1.6 | 1.6 | 1.6 | |
| | Diameter | mm | 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 | |
| Gross weight | CB | kg | 24.5 | 29.1 | 29.7 | 39.5 | |
| 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 factor 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 | |
| | 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 |
| Cooling | 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 |
| | 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 |
| Heating | 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 | |
| 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 | |
| Sound pressure level (H/M/L) | dB(A) | 40/32/24 | 42/34/31 | 44/37/33 | 46/40/33 | 47/42/33 | |
| 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 | |
| | Row | 3 | 3 | 3 | 3 | 3 | |
| Coil | 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 | 18.8 | |
| Gross weight | CB | kg | 14.4 | 16.9 | 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 | |
| | 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 |
| Cooling | 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 |
| | 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 |
| Heating | 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 | |
| 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 | |
| Sound pressure level (H/M/L) | dB(A) | 48/43/37 | 50/39/36 | 51/45/40 | 52/46/40 | 53/49/42.5 | |
| 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 | |
| | Row | 3 | 3 | 3 | 3 | 3 | |
| Coil | MAX. working pressure | MPa | 1.6 | 1.6 | 1.6 | 1.6 | |
| | Diameter | mm | 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 | |
| Gross weight | CB | kg | 24.5 | 29.1 | 29.7 | 39.5 | |
| 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 factor 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 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
| Air flow (H/M/L) | m³/h | 330/275/187 | 510/355/219 | 680/397/269 | 850/642/346 | 1020/729/412 |
| | CFM | 194/161/110 | 300/208/128 | 400/233/158 | 500/377/203 | 600/428/242 |
| Standard external static pressure | Pa | 30 | 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 | 7.00/5.59/3.75 |
| | 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 | 74.90/52.20/26.10 |
| | 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 | 1.20/0.98/0.66 |
| 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 | 9.70/7.32/4.42 | 11.30/8.61/5.27 |
| | 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 | 63.50/44.10/22.00 |
| | 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 | 1.20/0.98/0.66 |
| 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 | 45/41/32 |
| Fan motor | Type | / Low noise 3-speed fan motor | | | | |
| Fan | 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 | 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 | 13.5 | 16 | 18.5 | 19 | 20.5 |
| Gross weight | kg | 17 | 19.5 | 23 | 23 | 25 |
| 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 | | MKT4-700G30-CL | MKT4-800G30-CL | MKT4-1000G30-CL | MKT4-1200G30-CL | MKT4-1400G30-CL |
|-----------------------------------|---------------------------------|--------------------------------------|-------------------|-------------------|-------------------|-------------------|
| Power supply | V/Ph/Hz | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
| Air flow (H/M/L) | m³/h | 1170/669/460 | 1350/1023/555 | 1540/1210/825 | 1830/1356/802 | 2300/1679/966 |
| | CFM | 689/393/270 | 795/601/326 | 906/711/485 | 1077/797/471 | 1354/987/568 |
| Standard external static pressure | Pa | 30 | 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 | 15.85/12.96/8.86 |
| | 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 | 88.94/64.2/35.27 |
| | 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 | 2.78/2/28/1/57 |
| 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 | 25.15/19.55/12.24 |
| | Water pressure (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 | 74.93/53.67/28.75 |
| | 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 | 2.78/2.28/1.57 |
| 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 | 49.5/44.5/36 |
| Fan motor | Type | / Low noise 3-speed fan motor | | | | |
| Fan | Quantity | 1 | 1 | 1 | 2 | 4 |
| 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 | 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 | 22.5 | 26.5 | 26.5 | 35.5 | 38 |
| Gross weight | kg | 26.5 | 32 | 32 | 41.5 | 43 |
| 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 WB, rated external static pressure. Water flow: same with cooling condition;
 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.

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 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
| Air flow (H/M/L) | m³/h | 320/223/185 | 480/322/237 | 650/546/294 | 740/546/294 | 900/622/331 |
| | CFM | 188/131/108 | 282/189/139 | 382/258/150 | 435/321/173 | 529/366/195 |
| Standard external static pressure | Pa | 50 | 50 | 50 | 50 | 50 |
| Cooling | Cooling Capacity (H/M/L) kW | 2.60/1.90/1.50 | 3.50/2.52/1.94 | 5.00/3.45/2.17 | 5.70/4.20/2.49 | 6.70/4.61/2.82 |
| | 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 | 66.69/36.3/14.29 |
| | 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 | 1.12/0.79/0.48 |
| 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 | 10.50/6.76/3.43 |
| | Water pressure (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 | 56.32/30.42/11.92 |
| | 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 | 1.12/0.79/0.46 |
| 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 | 45/41.5/33 |
| Fan motor | Type | / Low noise 3-speed fan motor | | | | |
| Fan | 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 | 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 | 13.5 | 16 | 18.5 | 19 | 20.5 |
| Gross weight | kg | 16 | 18.5 | 23 | 23 | 25 |
| 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 | | MKT4-700G50-CL | MKT4-800G50-CL | MKT4-1000G50-CL | MKT4-1200G50-CL | MKT4-1400G50-CL |
|-----------------------------------|---------------------------------|--------------------------------------|-------------------|-------------------|-------------------|-------------------|
| Power supply | V/Ph/Hz | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
| Air flow (H/M/L) | m³/h | 1120/829/611 | 1200/940/580 | 1450/1296/996 | 1800/1358/792 | 2100/1728/1254 |
| | CFM | 658/488/359 | 705/553/341 | 852/762/586 | 1058/799/466 | 1235/1016/738 |
| Standard external static pressure | Pa | 50 | 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 | 15.40/12.88/9.86 |
| | 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 | 85.14/61.3/38.59 |
| | 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 | 2.67/2.21/1.69 |
| 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 | 24.80/19.65/14.62 |
| | Water pressure (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 | 71.31/51.13/32.01 |
| | 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 | 2.21/1.73/1.363 | 2.67/2.21/1.69 |
| Sound pressure level (H/M/L) | dB(A) | 46/42.5/37 | 47.5/43.5/35 | 48/46/43.5 | 49/46/42 | 50/47/42.5 |
| Fan motor | Type | / Low noise 3-speed fan motor | | | | |
| Fan | Quantity | 1 | 1 | 1 | 2 | 4 |
| 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 | 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 | 22.5 | 27.5 | 27.5 | 35.5 | 39 |
| Gross weight | kg | 26.5 | 32 | 32 | 40.5 | 44.5 |
| 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 WB, rated external static pressure. Water flow: same with cooling condition;
 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.

Specifications

A4 Type Duct

| Model | | MKT4-800G50-A4 | MKT4-1000G50-A4 | MKT4-1200G50-A4 | |
|-----------------------------------|-----------------------|------------------------------------|-----------------|-------------------|------------------|
| Power supply | V/Ph/Hz | 220-240/1/50 | | | |
| Air flow (H/M/L) | m³/h | 1400/1342/1200 | 1650/1527/1405 | 2040/1851/1666 | |
| | CFM | 856/790/706 | 970/900/827 | 1206/1090/981 | |
| Standard external static pressure | Pa | 50 | | | |
| Cooling | Capacity (H/M/L) | kW | 7.92/7.56/7.09 | 8.15/7.93/7.54 | 10.8/10.17/9.55 |
| | Water flow rate | m³/h | 1.36/1.30/1.22 | 1.40/1.36/1.29 | 1.80/1.70/1.60 |
| | Water pressure drop | kPa | 79.5/73.7/67.5 | 42.1/39.2/36.4 | 62.0/52.6/47.6 |
| Heating | Capacity (H/M/L) | kW | 10.42/9.89/9.12 | 11.25/10.72/10.06 | 14.3/13.23/12.22 |
| | Water flow rate | m³/h | 1.70/1.60/1.50 | 1.90/1.80/1.70 | 2.40/2.20/2.00 |
| | Water pressure drop | kPa | 79.1/76.9/69.2 | 46.1/44.6/41.5 | 52.0/47.8/41.8 |
| Power input (H/M/L) | W | 144/124/105 | 176/146/128 | 320/284/250 | |
| Sound pressure level | dB(A) | 48.4/47.9/46.6 | 49.5/48.1/47.3 | 50.9/50/48.5 | |
| Fan motor | Type | Low noise 3-speed fan motor | | | |
| | Quantity | 1 | 1 | 1 | |
| Fan | Type | Centrifugal, forward-curved Blades | | | |
| | Quantity | 2 | 2 | 2 | |
| | Row | 4 | 4 | 4 | |
| Coil | Max. working pressure | MPa | 1.6 | | |
| | Diameter | mm | Φ9.52 | Φ9.52 | Φ9.52 |
| Net dimensions (W×H×D) | mm | 1180x342x612 | 1180x342x612 | 1369x342x612 | |
| Packing size (W×H×D) | mm | 1310x380x693 | 1310x380x693 | 1490x380x693 | |
| Net weight | kg | 39.3 | 40.8 | 46.3 | |
| Gross weight | kg | 47 | 49.6 | 56.4 | |
| Water inlet/outlet pipe | inch | RC3/4 | RC3/4 | RC3/4 | |
| Drain pipe | inch | R3/4 | R3/4 | R3/4 | |

| Model | | MKT4-1400G50-A4 | MKT4-1600G50-A4 | MKT4-1800G50-A4 | MKT4-2000G50-A4 | |
|-----------------------------------|-----------------------|------------------------------------|-------------------|------------------|-------------------|-------------------|
| Power supply | V/Ph/Hz | 220-240/1/50 | | | | |
| Air flow (H/M/L) | m³/h | 2420/1851/1666 | 2430/1917/1742 | 3380/2239/1878 | 3670/2544/2199 | |
| | CFM | 1427/1090/981 | 1431/1128/1025 | 1990/1318/1105 | 2160/1497/1294 | |
| Standard external static pressure | Pa | 50 | | | | |
| Cooling | Capacity (H/M/L) | kW | 12.14/10.17/9.55 | 12.19/10.54/9.87 | 16.16/12.35/11.01 | 17.34/13.75/12.44 |
| | Water flow rate | m³/h | 2.00/1.70/1.60 | 2.10/1.80/1.70 | 2.70/2.20/1.90 | 2.90/2.40/2.10 |
| | Water pressure drop | kPa | 65.5/52.6/47.6 | 70.9/54.1/49.1 | 239.6/150.4/117.8 | 283.3/119.2/159.7 |
| Heating | Capacity (H/M/L) | kW | 16.08/13.23/12.22 | 16.55/13.83/12.9 | 21.7/15.79/13.91 | 23.4/17.92/16.08 |
| | Water flow rate | m³/h | 2.70/2.20/2.00 | 2.72/2.30/2.10 | 3.50/2.70/2.40 | 3.90/3.00/2.70 |
| | Water pressure drop | kPa | 57.6/49.8/42.1 | 65.5/49.8/43.7 | 241.9/146.1/115.5 | 283.0/193.9/151.5 |
| Power input (H/M/L) | W | 392/284/250 | 482/338/296 | 538/358/308 | 583/387/334 | |
| Sound pressure level | dB(A) | 51.7/50/49.5 | 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 | | | | |
| | Quantity | 1 | 1 | 1 | 1 | |
| Fan | Type | Centrifugal, forward-curved Blades | | | | |
| | Quantity | 2 | 2 | 3 | 3 | |
| | Row | 4 | 4 | 4 | 4 | |
| Coil | Max. working pressure | MPa | 1.6 | | | |
| | Diameter | mm | Φ9.52 | Φ9.52 | Φ9.52 | Φ9.52 |
| Net dimensions (W×H×D) | mm | 1369x342x612 | 1369x342x612 | 1500x342x612 | 1500x342x612 | |
| Packing size (W×H×D) | mm | 1490x380x693 | 1490x380x693 | 1620x380x693 | 1620x380x693 | |
| Net weight | kg | 46.3 | 46.3 | 54.8 | 54.8 | |
| Gross weight | kg | 56.4 | 56.4 | 64.6 | 64.6 | |
| 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. The data is the performance in relevant standard external static pressure.
 3. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB, Heating conditions: Entering water 50°C, the same water flow as the cooling conditions, Entering air temperature 20°C DB.
 4. Noise is tested in a semi-anechoic test room.

Specifications

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 |
| Capacity | 60Pa (H/M/L) | m³/h | 229/172/- | 321/255/187 | 454/302/196 | 543/382/234 | 654/488/275 |
| | | CFM | 318/- | 454/- | 623/373/248 | 736/466/252 | 964/669/342 |
| | 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 |
| Cooling | 30Pa (H/M/L) | kPa | 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) | kPa | 1.64/- | 2.41/- | 2.79/1.94/1.49 | 3.62/2.68/1.84 | 4.48/3.52/2.11 |
| | 0Pa (H/M/L) | m³/h | 22.3/16.3/9.9 | 39.1/31.0/19.4 | 29.1/22.5/15.5 | 33.2/23.1/13.8 | 51.5/37.8/21.1 |
| Water pressure drop | 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 | 45.8/33.0/16.6 |
| | 60Pa (H/M/L) | kPa | 15.3/- | 29.6/- | 20.8/11.8/7.1 | 22.2/13.2/7.9 | 37.4/25.4/10.2 |
| | 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 |
| Water flow rate | 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 |
| | 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 | 137/115.2/93.6 |
| Power input | 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 | |
| Fan | Type | Centrifugal, forward-curved blades | | | | | |
| | Quantity | / | 1 | 1 | 2 | 2 | |
| | Row | / | 1 | 1 | 2 | 2 | |
| Coil | 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 | | | | | |

| Model | | MKS3-700G30-CL | MKS3-800G30-CL | MKS3-1000G30-CL | MKS3-1200G30-CL | MKS3-1400G30-CL | |
|-------------------------|---------------------------------|------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Power supply | V/Ph/Hz | 220-240V/1/50 | | | | | |
| Air flow (H/M/L) | 0Pa (H/M/L) | m³/h | 1381/1016/722 | 1665/1293/808 | 1762/1517/933 | 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 |
| Capacity | 60Pa (H/M/L) | m³/h | 759/565/400 | 858/659/388 | 922/825/489 | 1244/882/516 | 1457/1176/794 |
| | | CFM | 1131/842/564 | 1199/901/510 | 1315/1165/680 | 1795/1248/738 | 2171/1777/1175 |
| | 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 |
| Cooling | 30Pa (H/M/L) | kPa | 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) | kPa | 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 |
| | 0Pa (H/M/L) | m³/h | 72.8/51.1/34.3 | 25.4/19.7/10.6 | 31.1/28.1/16.7 | 34.4/22.6/12.5 | 32.9/25.5/17.4 |
| Water pressure drop | 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 | 29.9/24.0/16.8 |
| | 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 | 25.8/20.8/14.2 |
| | 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 |
| Water flow rate | 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 |
| | 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 |
| Power input | 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 | 2 | 2 | |
| Fan | Type | Centrifugal, forward-curved blades | | | | | |
| | Quantity | / | 2 | 3 | 3 | 4 | |
| | Row | / | 2 | 3 | 3 | 4 | |
| Coil | Max. working pressure | MPa | 1.6MPa | | | | |
| | Diameter | mm | 7 | | | | |
| Net dimensions (W×H×D) | mm | 1178x243x514 | 1368x243x514 | 1368x243x514 | 1658x243x514 | 1898x243x514 | |
| Packing size (W×H×D) | mm | 1248x270x540 | 1438x270x540 | 1438x270x540 | 1728x270x540 | 1968x270x540 | |
| Net weight | kg | 22.2 | 27.2 | 35.1 | 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 | | MKT4-200FG30-CL | MKT4-300FG30-CL | MKT4-400FG30-CL | MKT4-500FG30-CL | MKT4-600FG30-CL |
|-----------------------------------|---------------------------------|-------------------|------------------|-------------------|-------------------|-------------------|
| Power supply | V/Ph/Hz | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
| Air flow (H/M/L) | m³/h | 330/226/181 | 510/355/217 | 680/396/268 | 850/535/286 | 1020/705/405 |
| | CFM | 194/132/106 | 300/208/127 | 400/232/157 | 500/314/168 | 600/414/238 |
| Standard external static pressure | Pa | 30 | 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 | 5.6/4.42/2.95 |
| | 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 | 37.70/26.40/13.40 |
| | 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 | 0.95/0.76/0.51 |
| 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 | 6.2/5.39/3.78 |
| | 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 | 47.80/33.9/19.20 |
| | 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 | 0.57/0.47/0.34 |
| 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 | 45/41/32 |
| Fan motor | Type | / | | | | |
| | Quantity | / | | | | |
| Fan | Type | / | | | | |
| | Quantity | / | | | | |
| Coil | Row | / | | | | |
| | MAX. working pressure | / | | | | |
| | Diameter | / | | | | |
| Dimensions(W×H×D) | mm | 632×243×487 | 773×243×487 | 908×243×487 | 908×243×487 | 1003×243×487 |
| 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 | 16 | 19 | 19 | 20.5 |
| Gross weight | kg | 16 | 18.5 | 22 | 22 | 24 |
| 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 | | MKT4-700FG30-CL | MKT4-800FG30-CL | MKT4-1000FG30-CL | MKT4-1200FG30-CL | MKT4-1400FG30-CL |
|-----------------------------------|---------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Power supply | V/Ph/Hz | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
| Air flow (H/M/L) | m³/h | 1170/681/468 | 1350/1032/571 | 1540/1280/783 | 1830/1299/763 | 2300/1437/839 |
| | CFM | 689/400/275 | 795/607/335 | 906/752/460 | 1077/764/448 | 1354/987/568 |
| Standard external static pressure | Pa | 30 | 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 | 11.9/8.71/5.83 |
| | 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 | 49.00/29.40/14.60 |
| | 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 | 1.99/1.47/0.98 |
| 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 | 12.85/9.96/7.13 |
| | Water pressure (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 | 37.20/24.30/13.80 |
| | 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 | 1.07/0.85/0.61 |
| 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 | 49.5/44.5/36 |
| Fan motor | Type | / | | | | |
| | Quantity | / | | | | |
| Fan | Type | / | | | | |
| | Quantity | / | | | | |
| Coil | Row | / | | | | |
| | MAX. working pressure | / | | | | |
| | Diameter | / | | | | |
| Dimensions(W×H×D) | mm | 1178×243×487 | 1368×243×487 | 1368×243×487 | 1658×243×487 | 1898×243×487 |
| Packing size(W×H×D) | mm | 1248×270×520 | 1438×270×520 | 1438×270×520 | 1728×270×520 | 1968×270×520 |
| Net weight | kg | 22.5 | 27.5 | 27.5 | 35.5 | 39 |
| Gross weight | kg | 26 | 32 | 32 | 40.5 | 45 |
| 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°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.

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 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
| Air flow (H/M/L) | m³/h | 320/223/185 | 480/322/237 | 650/546/294 | 740/546/294 | 900/622/331 |
| | CFM | 188/131/108 | 282/189/139 | 382/258/150 | 435/321/173 | 529/366/195 |
| Standard external static pressure | Pa | 50 | 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 | 5.40/4.02/2.48 |
| | 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 | 39.1/22.51/8.69 |
| | 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 | 0.95/0.69/0.43 |
| 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 | 6.40/5.07/3.18 |
| | Water pressure (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 | 48.39/31.07/13.81 |
| | Water flow rate (H/M/L) m³/h | 0.2/0.16/0.14 | 0.31/0.24/0.19 | 0.4/0.3/0.19 | 0.43/0.35/0.21 | 0.56/0.44/0.27 |
| 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 | 45/41.5/33 |
| Fan motor | Type | / | | | | |
| | Quantity | / | | | | |
| Fan | Type | / | | | | |
| | Quantity | / | | | | |
| Coil | Row | / | | | | |
| | MAX. working pressure | / | | | | |
| | Diameter | / | | | | |
| Dimensions(W×H×D) | mm | 632×243×487 | 773×243×487 | 908×243×487 | 908×243×487 | 1003×243×487 |
| 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 | 16 | 19 | 19 | 20.5 |
| Gross weight | kg | 16 | 18.5 | 22 | 22 | 25 |
| 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 | | MKT4-700FG50-CL | MKT4-800FG50-CL | MKT4-1000FG50-CL | MKT4-1200FG50-CL | MKT4-1400FG50-CL |
|-----------------------------------|---------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Power supply | V/Ph/Hz | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
| Air flow (H/M/L) | m³/h | 1120/829/611 | 1200/940/580 | 1450/1296/996 | 1800/1358/792 | 2100/1728/1254 |
| | CFM | 658/488/359 | 705/553/341 | 852/762/586 | 1058/799/466 | 1235/1016/738 |
| Standard external static pressure | Pa | 50 | 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 | 11.60/9.81/7.71 |
| | 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 | 49.64/36.87/24 |
| | Water flow rate (H/M/L) m³/h | 1.04/0.84/0.67 | 1.20/0.99/0.68 | 1.37/1.28/1.05 | 1.74/1.4/0.92 | 2/1.68/1.33 |
| 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 | 12.70/11.43/9.44 |
| | Water pressure (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 | 40.73/33.64/24.06 |
| | Water flow rate (H/M/L) m³/h | 0.55/0.47/0.39 | 0.81/0.70/0.5 | 0.83/0.82/0.71 | 0.91/0.78/0.54 | 1.10/0.98/0.81 |
| Sound pressure level (H/M/L) | dB(A) | 46/42.5/37 | 47.5/43.5/35 | 48/46/43.5 | 49/46/42 | 50/47/42.5 |
| Fan motor | Type | / | | | | |
| | Quantity | / | | | | |
| Fan | Type | / | | | | |
| | Quantity | / | | | | |
| Coil | Row | / | | | | |
| | MAX. working pressure | / | | | | |
| | Diameter | / | | | | |
| Dimensions(W×H×D) | mm | 1178×243×487 | 1368×243×487 | 1368×243×487 | 1658×243×487 | 1898×243×487 |
| Packing size(W×H×D) | mm | 1248×270×520 | 1438×270×520 | 1438×270×520 | 1728×270×520 | 1968×270×520 |
| Net weight | kg | 22.5 | 27.5 | 27.5 | 35.5 | 39 |
| Gross weight | 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 | 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°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

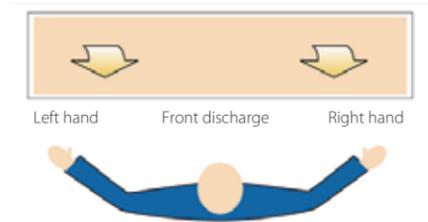
- Large air volume and capacity, high static pressure (Up to 100Pa).
- Air filter designed for easy cleaning and replacement.
- Optional auxiliary electric heater (AEH) is optional.
- Air return flange and air plenum with filter are standard, with rear positioned air return.
- Optional 220V wired controller.
- 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.



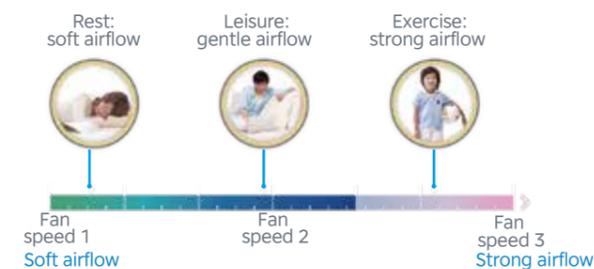
Flexible Installation

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



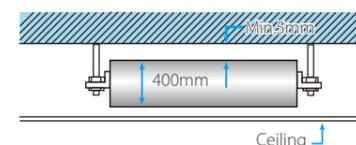
Multiple Fan Speeds

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.



Easy-to-clean and replace air filter

Loosening a single screw on the supply side lets you easily pull out the air filter for cleaning or replacement.



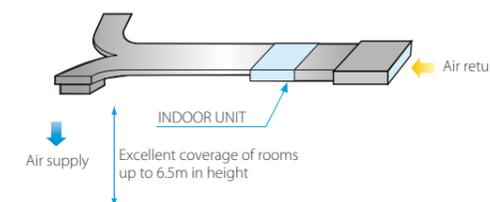
Multiple ways to control

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



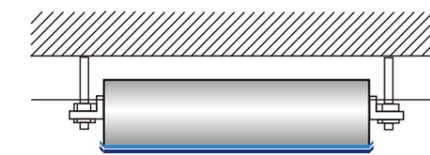
Flexible Duct Design

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-800G70 MKT3H-800EG70 | MKT3H-1000G70 MKT3H-1000EG70 | MKT3H-1200G70 MKT3H-1200EG70 | MKT3H-1400G70 MKT3H-1400EG70 |
|-----------------------------------|-----------------------|--|---------------------------------|---------------------------------|---------------------------------|
| Power supply | V/Ph/Hz | 220-240/1/50 | | | |
| Air flow (H/M/L) | m³/h | 1360/1220/1090 | 1700/1530/1380 | 2040/1880/1610 | 2380/2120/1860 |
| | CFM | 800/720/640 | 1000/900/810 | 1200/1105/950 | 1400/1250/1095 |
| Standard external static pressure | Pa | 70 | 70 | 70 | 70 |
| Cooling | Capacity (H/M/L) | kW 6.6/6.37/6.12 8.8/8.19/7.57 10/9.44/8.53 12/11.47/10.24 | | | |
| | Water flow rate | m³/h 1.13/1.09/1.05 1.61/1.59/1.51 1.72/1.62/1.52 2.00/1.97/1.76 | | | |
| | Water pressure drop | kPa 14.5/11.7/13.2 35.2/34.0/30.8 35.3/33.5/31.4 52.1/48.1/44.3 | | | |
| Heating | Capacity (H/M/L) | kW 9.7/8.54/7.18 13.2/11.48/9.9 15/12.9/11.25 17.9/15.75/13.6 | | | |
| | Water flow rate | m³/h 1.48/1.44/1.20 2.20/1.95/1.68 2.55/2.19/1.90 3.00/2.60/2.30 | | | |
| | Water pressure drop | kPa 25.5/24.2/22.8 42.8/40.8/36.5 55.5/52.8/48.1 47.3/45.5/41.9 | | | |
| Power input (H/M/L) | W | 320/300/285 | 350/320/300 | 350/320/290 | 350/300/285 |
| Auxiliary electric heater (AEH) | W | 5000 | 5000 | 5000 | 5000 |
| Sound pressure level | dB(A) | 49/42/35 | 50/43/36 | 51/44/37 | 52/45/38 |
| 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 |
| | Row | 2 | 3 | 3 | 4 |
| Coil | Max. working pressure | MPa 1.6 1.6 1.6 1.6 | | | |
| | Diameter | mm Φ9.52 Φ9.52 Φ9.52 Φ9.52 | | | |
| Net dimensions(W×H×D) | mm | 946×400×816 | 946×400×816 | 946×400×816 | 946×400×816 |
| Packing size (non-AEH/with-AEH) | mm | Left connection: 1075×480×857/1075×480×925 | | | |
| Net weight (non-AEH/with-AEH) | kg | 50/53 | 52/55 | 52/55 | 54/57 |
| Gross weight (non-AEH/with-AEH) | kg | 55/58 | 57/60 | 57/60 | 59/62 |
| Water inlet/outlet pipe | inch | RC3/4 | RC3/4 | RC3/4 | RC3/4 |
| Drain pipe | inch | ZG5/4 | ZG5/4 | ZG5/4 | ZG5/4 |

- Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
 2. The data is the performance in relevant standard external static pressure.
 3. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB. Heating conditions: Entering water 50°C, the same water flow as the cooling conditions, Entering air temperature 20°C DB.
 4. Noise is tested in a semi-anechoic test room.
 5. The external static pressure test condition is the same as Eurovent conditions(External static pressure is different for each models.)
 6. Auxiliary electric heater (AEH) is optional.

Specifications

| Model | | MKT3H-1600G100 MKT3H-1600EG100 | MKT3H-1800G100 MKT3H-1800EG100 | MKT3H-2200G100 MKT3H-2200EG100 |
|-----------------------------------|-----------------------|--|-----------------------------------|-----------------------------------|
| Power supply | V/Ph/Hz | 220-240/1/50 | | |
| Air flow (H/M/L) | m³/h | 2720/2450/2170 | 3060/2750/2450 | 3740/3360/2990 |
| | CFM | 1600/1440/1280 | 1800/1620/1440 | 2200/1980/1760 |
| Standard external static pressure | Pa | 100 | 100 | 100 |
| Cooling | Capacity (H/M/L) | kW 14.1/13.03/11.87 15.8/14.6/13.46 19.9/18.58/17.24 | | |
| | Water flow rate | m³/h 2.40/2.24/2.00 2.70/2.50/2.30 3.16/2.90/2.59 | | |
| | Water pressure drop | kPa 86.0/73.4/60.7 129.0/113.0/100.1 147.9/124.2/98.6 | | |
| Heating | Capacity (H/M/L) | kW 21.2/18.23/15.69 23.8/20.94/17.85 30/26.7/22.5 | | |
| | Water flow rate | m³/h 3.60/3.00/2.60 4.00/3.40/3.00 5.00/4.50/3.80 | | |
| | Water pressure drop | kPa 87.8/75.1/63.0 168.0/147.0/127.2 163.7/130.9/102.0 | | |
| Power input (H/M/L) | W | 550/520/500 | 800/680/620 | 950/860/760 |
| Auxiliary electric heater (AEH) | W | 9500 | 9500 | 9500 |
| Sound pressure level | dB(A) | 54/47/40 | 60/53/46 | 61/54/47 |
| Fan motor | Type | Low noise 3-speed fan motor | | |
| | Quantity | 1 | 1 | 1 |
| Fan | Type | Centrifugal, forward-curved Blades | | |
| | Quantity | 2 | 2 | 2 |
| | Row | 3 | 3 | 3 |
| Coil | Max. working pressure | MPa 1.6 1.6 1.6 | | |
| | Diameter | mm Φ9.52 Φ9.52 Φ9.52 | | |
| Net dimensions(W×H×D) | mm | 1290×400×809 | 1290×400×809 | 1290×400×809 |
| Packing size (non-AEH/with-AEH) | mm | Left connection: 1448×460×877/1448×460×950 | | |
| Net weight (non-AEH/with-AEH) | kg | 76/82 | 76/82 | 76/82 |
| Gross weight (non-AEH/with-AEH) | kg | 83/89 | 83/89 | 83/89 |
| 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. The data is the performance in relevant standard external static pressure.
 3. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB. Heating conditions: Entering water 50°C, the same water flow as the cooling conditions, Entering air temperature 20°C DB.
 4. Noise is tested in a semi-anechoic test room.
 5. The external static pressure test condition is the same as Eurovent conditions(External static pressure is different for each models.)
 6. Auxiliary electric heater (AEH) 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.



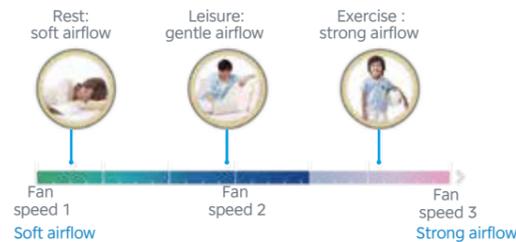
Digital Display On/Off

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



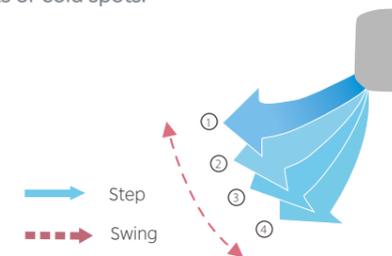
Multiple Fan Speeds

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.



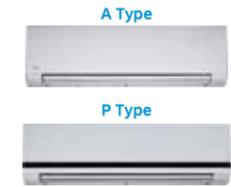
Control solutions

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.



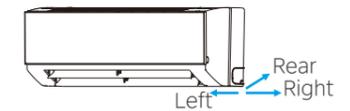
Customizable Panel Choices

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



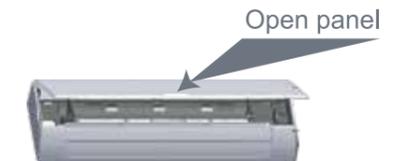
Flexible Outlet Pipe Positioning

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 | 31.6/28.6/25.2 | 37.5/30/24 | 57.2/47.6/38.7 | 47.1/33.5/29.7 | 51/39.5/34 |
| 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 | 37.5/34.9/30 | 40.6/31.5/25 | 61.9/55.1/46.2 | 48.6/40.8/31.7 | 48/43/33 |
| 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 (H/M/L) | 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 | |
| | Row | 2 | 2 | 2 | 2 | 2 | |
| Coil | Max. working pressure | MPa | 1.6 | 1.6 | 1.6 | 1.6 | |
| | Diameter | mm | 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.

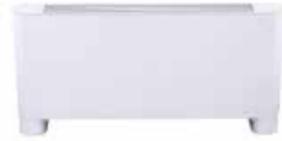
Specifications

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 | 31.6/28.6/25.2 | 37.5/30/24 | 57.2/47.6/38.7 | 47.1/33.5/29.7 | 51/39.5/34 |
| 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 | 37.5/34.9/30 | 40.6/31.5/25 | 61.9/55.1/46.2 | 48.6/40.8/31.7 | 48/43/33 |
| 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 (H/M/L) | 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 | |
| | Row | 2 | 2 | 2 | 2 | 2 | |
| Coil | Max. working pressure | MPa | 1.6 | 1.6 | 1.6 | 1.6 | |
| | Diameter | mm | 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.



Model: 150/250/350/500/700/800 CFM



KJRP-86I/MFK-E (Optional)
KJRP-86A/BMFNKD-E(Optional)

Features

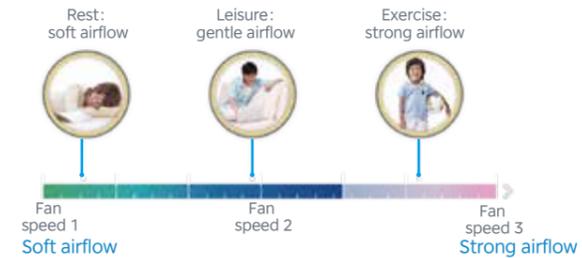
- 3- or 4-row coil options for entire series.
- 2- and 4-pipe options for entire series.
- Ultra-thin 200mm profile.
- Can be installed as floor-standing, horizontal or concealed (floor-standing requires optional footings).
- Wired controller(KJRP-86I/MFK-E or KJRP-86A/BMFNKD-E) can be installed inside the unit.

Floor standing unit with multi casing options can be installed quickly and easily in new or existing facilities in a variety of 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 | Pa | 0 | | | | | | |
| 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 | 4.09/3.29/2.41 |
| | 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 | 0.70/0.56/0.41 |
| | 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 | 40.1/26.4/15.3 |
| 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 | 4.19/3.34/2.45 |
| | 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 | 0.72/0.57/0.42 |
| | 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 | 36.3/25.4/14.5 |
| 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 (H/M/L) | 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 | |
| | Row | 3 | 4 | 3 | 4 | 3 | 4 | |
| Coil | 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 | 1240×495×211 |
| | 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 | 16.3 | 16.7 | 20.0 | 20.8 | 24.0 | 25.4 |
| | Gross weight | kg | 21.8 | 22.7 | 26.8 | 26.8 | 31.0 | 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 | 1050/800/520 | 1100/920/660 | 1050/910/670 | |
| | CFM | 459/324/224 | 459/329/229 | 618/441/288 | 618/471/306 | 647/541/388 | 618/535/394 | |
| External static pressure | Pa | 0 | | | | | | |
| Cooling | Total Capacity (H/M/L) | kW | 4.59/3.75/2.88 | 5.21/4.00/3.00 | 5.29/4.43/3.27 | 6.16/5.29/3.87 | 6.22/5.50/4.36 | 6.66/6.07/4.74 |
| | 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 | 1.14/1.04/0.81 |
| | 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 | 52.3/44.5/28.2 |
| 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 | 6.94/6.00/4.62 | 6.86/6.13/4.76 |
| | 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 | 1.18/1.05/0.82 |
| | 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 | 50.0/38.3/23.3 |
| Power input (H/M/L) | W | 91/54/34 | 92/54/35 | 124/98/68 | 117/93/66 | 118/93/65 | 110/81/70 | |
| 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 (H/M/L) | 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 | |
| | Row | 3 | 4 | 3 | 4 | 3 | 4 | |
| Coil | 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 | 1360×591×211 |
| | 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 | 26.3 | 27.3 | 28.5 | 31.7 | 34.0 |
| | Gross weight | kg | 32.0 | 33.4 | 34.8 | 36.0 | 40.2 | 42.0 |
| 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 | MKH2-150-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 | Pa | 0 | | | | | | |
| 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 | 4.20/3.38/2.48 |
| | 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 | 0.72/0.58/0.43 |
| | 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 | 41.15/27.07/15.71 |
| 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 | 4.30/3.43/2.52 |
| | 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 | 0.74/0.59/0.43 |
| | 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 | 37.20/24.50/13.75 |
| 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 (H/M/L) | 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 | |
| | Row | 3 | 4 | 3 | 4 | 3 | 4 | |
| Coil | 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 | 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 | 16.3 | 16.7 | 20.0 | 20.8 | 24.0 | 25.4 |
| | Gross weight | kg | 21.8 | 22.7 | 26.8 | 26.8 | 31.0 | 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 | Pa | 0 | | | | | | |
| 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 | 8.25/7.52/5.87 |
| | 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 | 1.41/1.29/1.01 |
| | 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 | 64.72/55.03/34.88 |
| 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 | 8.50/7.60/5.90 |
| | 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 | 1.46/1.30/1.02 |
| | 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 | 61.96/47.46/28.84 |
| 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 (H/M/L) | 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 | |
| | Row | 3 | 4 | 3 | 4 | 3 | 4 | |
| Coil | 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 | 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 | 26.3 | 27.3 | 28.5 | 31.7 | 34.0 |
| | Gross weight | kg | 32.0 | 33.4 | 34.8 | 36.0 | 40.2 | 42.0 |
| 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 | | MKH3-150-R3 | MKH3-150-R4 | MKH3-250-R3 | MKH3-250-R4 | MKH3-350-R3 | MKH3-350-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 | Pa | 12 | | | | | | |
| 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 | 4.20/3.38/2.48 |
| | 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 | 0.72/0.58/0.43 |
| | 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 | 41.15/27.07/15.71 |
| 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 | 4.30/3.43/2.52 |
| | 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 | 0.74/0.59/0.43 |
| | 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 | 37.20/24.50/13.75 |
| 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 (H/M/L) | 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 | |
| | Row | 3 | 4 | 3 | 4 | 3 | 4 | |
| Coil | 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 | 1046×455×200 |
| | 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 | 11.6 | 12.0 | 13.9 | 14.8 | 17.3 | 18.2 |
| | Gross weight | kg | 15.9 | 16.3 | 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 | |
| | mm | ODΦ18.5 | 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/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 | Pa | 12 | | | | | | |
| 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 | 8.25/7.52/5.87 |
| | 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 | 1.41/1.29/1.01 |
| | 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 | 64.72/55.03/34.88 |
| 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 | 8.50/7.60/5.90 |
| | 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 | 1.46/1.30/1.02 |
| | 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 | 61.96/47.46/28.84 |
| 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 (H/M/L) | 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 | |
| | Row | 3 | 4 | 3 | 4 | 3 | 4 | |
| Coil | 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 | 1166×455×200 |
| | 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 | 17.9 | 18.8 | 20.5 | 21.7 | 24.0 | 25.2 |
| | Gross weight | kg | 24.6 | 25.5 | 27.3 | 28.5 | 31.1 | 32.3 |
| 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.
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/Hz | 220-240/1/50 | | | | | | |
| 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 | Pa | 0 | | | | | | |
| 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 | 6.18/5.65/4.44 |
| | 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 | 1.06/0.97/0.76 |
| | Water pressure drop (H/M/L) | kPa | 26.4/18.0/11.5 | 19.1/10.7/4.5 | 46.5/32.2/17.8 | 69.3/46.6/31.2 | 57.6/44.3/24.9 | 40.8/35.3/22.8 |
| 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 | 5.90/5.8/5.05 |
| | 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 | 0.51/0.50/0.44 |
| | Water pressure drop (H/M/L) | kPa | 15.0/10.6/7.7 | 28.6/15.1/8.5 | 56.7/42.3/28.5 | 80.0/59.8/41.8 | 123.45/102.03/64.74 | 54.8/53.1/43.3 |
| Power input (H/M/L) | W | 40/24/15 | 47/26/15 | 51/32/19 | 92/54/35 | 117/93/66 | 110/81/70 | |
| Sound pressure level (H/M/L) | dB(A) | 39/34/26 | 35/26/20 | 39/32/24 | 48/39/30 | 52/43/34 | 52/48/39 | |
| Sound power level (H/M/L) | dB(A) | 52/47/39 | 48/39/33 | 52/45/37 | 61/52/43 | 65/57/47 | 65/61/52 | |
| 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 | |
| | Row | 4 | 4 | 4 | 4 | 4 | 4 | |
| Coil | 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 | 1360×591×211 |
| | Packing size (W×H×D) | mm | 895×595×300 | 1125×595×300 | 1345×595×300 | 1345×595×300 | 1465×595×300 | 1465×695×300 |
| | Net weight | kg | 17.2 | 21.3 | 25.9 | 26.8 | 29.0 | 34.5 |
| | Gross weight | kg | 23.2 | 27.3 | 32.9 | 33.9 | 36.5 | 42.5 |
| 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 | 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/Hz | 220-240/1/50 | | | | | | |
| 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 | Pa | 0 | | | | | | |
| 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 | 5.85/5.28/4.05 |
| | 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 | 7.65/7.00/5.50 |
| | 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 | 1.31/1.20/0.94 |
| 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 | 50.47/43.72/28.23 |
| | Capacity (H/M/L) | kW | 1.69/1.40/1.15 | 2.45/1.70/1.19 | 2.95/2.50/2.00 | 3.46/3.05/2.50 | 4.65/4.09/3.19 | 7.30/7.19/6.25 |
| | 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 | 0.63/0.62/0.54 |
| 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 | 67.86/65.78/53.61 | |
| Power input (H/M/L) | W | 40/24/15 | 47/26/14 | 51/32/19 | 91/54/35 | 110/89/64 | 118/104/82 | |
| 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 | 0.51/0.45/0.36 | |
| Sound pressure level (H/M/L) | dB(A) | 42/35/27 | 34/25/19 | 40/33/24 | 47/40/31 | 50/44/33 | 50/45/37 | |
| Sound power level (H/M/L) | dB(A) | 53/47/39 | 47/38/32 | 52/45/37 | 59/51/43 | 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 | 1 | 2 | 2 | 2 | 3 | 3 | |
| | Row | 4 | 4 | 4 | 4 | 4 | 4 | |
| Coil | 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 | 1360×591×200 |
| | Packing size (W×H×D) | mm | 895×595×300 | 1125×595×300 | 1345×595×300 | 1345×595×300 | 1465×595×300 | 1465×695×300 |
| | Net weight | kg | 17.2 | 21.3 | 25.9 | 26.8 | 29.0 | 34.5 |
| | Gross weight | kg | 23.2 | 27.3 | 32.9 | 33.9 | 36.5 | 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 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 220-240/1/50 | | | | | | |
| Air flow (H/M/L) | m ³ /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 | 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 5.85/5.28/4.05 | | | | | |
| | 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 7.65/7.00/5.50 | | | | | |
| | Water flow rate (H/M/L) | m ³ /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 1.31/1.20/0.94 | | | | | |
| | 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 50.47/43.72/28.23 | | | | | |
| Heating | Capacity (H/M/L) | kW 1.69/1.40/1.15 2.45/1.70/1.19 2.95/2.50/2.00 3.46/3.05/2.50 4.65/4.09/3.19 7.30/7.19/6.25 | | | | | |
| | Water flow rate (H/M/L) | m ³ /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 0.63/0.62/0.54 | | | | | |
| | 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 67.86/65.78/53.61 | | | | | |
| Power input (H/M/L) | W 40/24/15 47/26/14 51/32/19 91/54/35 110/89/64 118/104/82 | | | | | | |
| Sound pressure level (H/M/L) | dB(A) 42/35/27 34/25/19 40/33/24 47/40/31 50/44/33 50/45/37 | | | | | | |
| Sound power level (H/M/L) | dB(A) 53/47/39 47/38/32 52/45/37 59/51/43 62/56/46 63/58/50 | | | | | | |
| 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 0.51/0.45/0.36 | | | | | | |
| 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 | | | | | |
| | Row | 4 4 4 4 4 4 | | | | | |
| Coil | 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 596×455×200 826×455×200 1046×455×200 1046×455×200 1166×455×200 1166×455×200 | | | | | |
| | Packing size (W×H×D) | mm 895×595×300 1125×595×300 1345×595×300 1345×595×300 1465×595×300 1465×695×300 | | | | | |
| | Net weight | kg 12.5 15.3 18.7 19.3 22.2 25.7 | | | | | |
| | Gross weight | kg 16.8 20.8 25.4 26.0 29.0 32.8 | | | | | |
| Water inlet/outlet pipe | inch Cold water: G3/4; Hot water: G1/2 | | | | | | |
| Drain pipe | mm ODΦ18.5 | | | | | | |

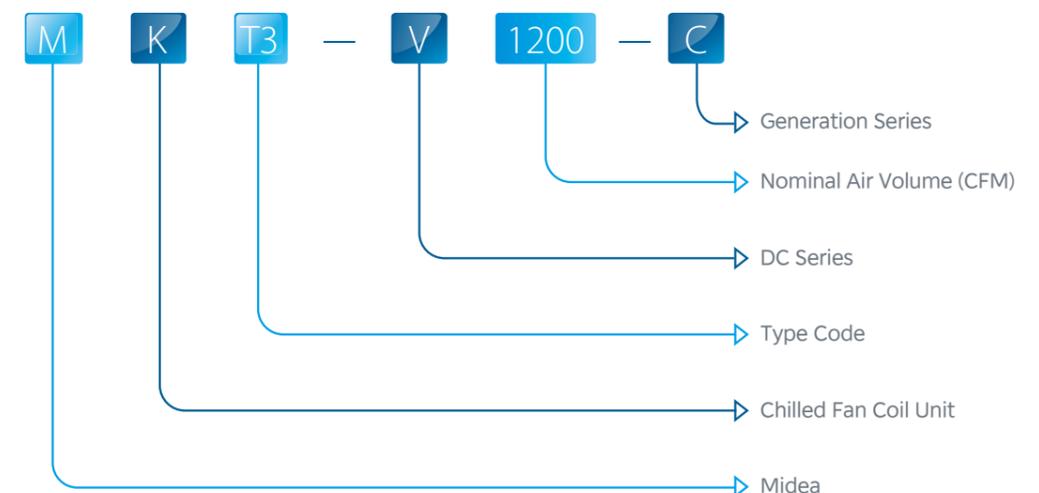
Notes:
 1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
 2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
 Heating conditions: Entering water 65°C, leaving water 55°C, Entering air temperature 20°C DB/15°C WB.
 3. Noise is tested in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



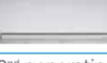
DC Fan Coil Units

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

| Model | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1-way cassette  | | | | ● | | ● | | | ● |
| 4-way cassette  | | | | | | | | | ● |
| New 4-way cassette  | | | | | | | | | ● |
| Compact 4-way cassette  | | | | ● | | ● | | ● | |
| Duct  | | ● | ● | ● | | ● | ● | ● | ● |
| Wall mounted  | | | ● | ● | | ● | | ● | ● |
| 2 nd generation Ceiling&floor  | ● | | ● | | ● | | | ● | |

| Model | 700 | 750 | 800 | 850 | 900 | 950 | 1000 | 1200 | 1400 | 1500 |
|-------|-----|-----|-----|-----|-----|-----|------|------|------|------|
| | | | | | | | | | | |
| | | ● | | ● | | ● | | ● | ● | ● |
| | ● | | ● | | | | ● | ● | | |
| | | | | | | | | | | |
| | ● | | ● | | | | ● | ● | ● | |
| | ● | | ● | | | | | | | |

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

| Model | 500 | 600 | 700 | 750 | 800 | 850 | 950 | 1000 | 1200 | 1500 |
|-------|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | | ● | | ● | | ● | ● | | ● | ● |
| | | ● | ● | | ● | | | ● | ● | |
| | ● | | | | | | | | | |
| | ● | | ● | | ● | | | | | |
| | ● | | | | ● | | | ● | ● | |

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. |
| 0-10V input control | By inputting a 0-10 V level to PCB, the fan motor speed is controlled to meet different energy requirements. | |
| Structure Customization | 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) | ✗ |
| ● | ● | ● | ● | ● | ✗ ○ (MKTa-C) |
| ● | ● | ● | ● | ● | ✗ ● (MKTa-C) |
| ✓ | ○ | ✓ | ✓ | ✓ | ✗ ● (MKTa-C) |
| ✗ | ✗ | ✗ | ✗ | ✗ | ✗ ✓ (Wired controller setting, MKTa-C) |
| ✓ | ○ | ✓ | ✓ | ✓ | ✗ |
| ○ (XYE) | ○ (XYE) | ○ (XYE) | ● | ○ (XYE) | ○ (FCU-kit) ○ (MKTa-C) |
| ○ | ○ | ○ | ○ | ○ | ✗ |
| ○ (XYE) | ○ (XYE) | ○ (XYE) | ● | ○ (XYE) | ○ (FCU-kit) ○ (XYE, MKTa-C) |
| ✗ | ✗ | ✗ ○ (New Four-way Cassette) | ○ | ✗ | ✗ ○ (MKTa-C) |
| ○ | ✗ | ○ | ○ | ○ | ✗ ○ (MKTa-C) |
| ✗ | ✗ | ✗ | ✗ | ● | ● |
| ✗ | ✗ | ○ | ✗ | ✗ | ✗ ○ (MKTa-C) |
| ✗ | ✗ | ✗ | ✗ | ✗ | ○ |
| ✗ | ○ | ○ | ✗ | ○ | ✗ ○ (MKTa-C) |

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

DC MOTOR ADVANTAGES

DC MOTOR ADVANTAGES

DC Brushless Fan Motor

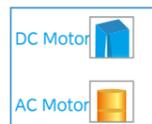
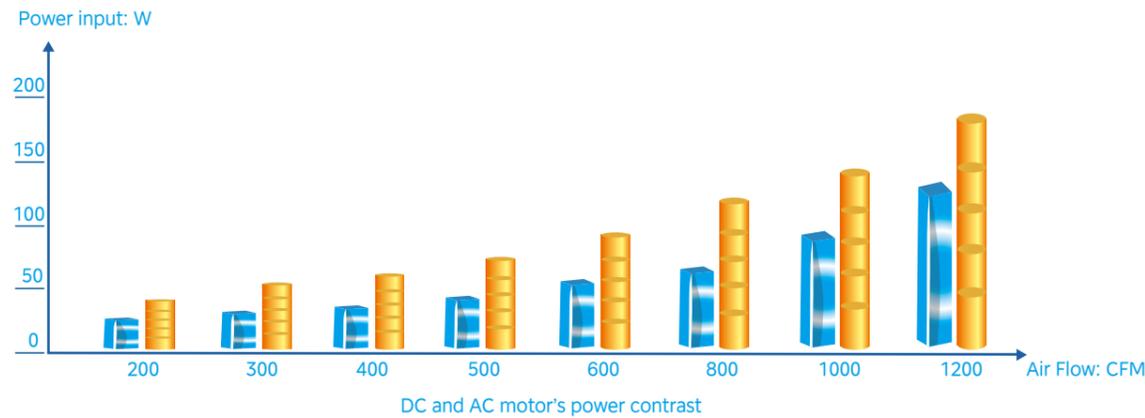
Our DC fan coil units with advanced DC driven technology, feature high energy efficiency, low noise operation and precise temperature control making them an ideal solution for hospitals, office buildings, hotels, airports and various other applications.



DC driven motor

Energy Efficiency, CE Regulatory Compliance

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



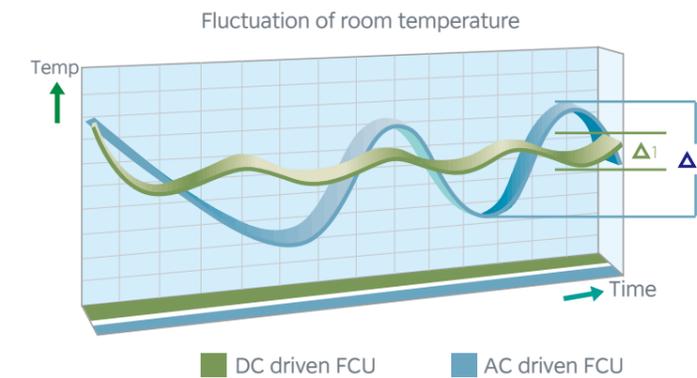
Quiet Operation

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.



Cassette unit



Wall-mounted unit



Duct unit



2nd Generation Ceiling & Floor



1-way cassette



Model: 300/400/600 CFM



RM05
Standard



KJR-75A
Optional

Features

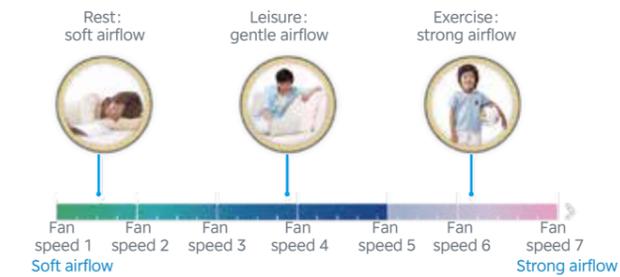
- Auto mode and 7 fan speeds (with 75A wired controller).
- Hysteresis temperature can be set in heating and cooling mode by PCB switch, field adjustable.
- With/without forced fan on can be set by PCB switch, field adjustable.
- Centralized control function connectivity via XYE port (requires customization).
- 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.



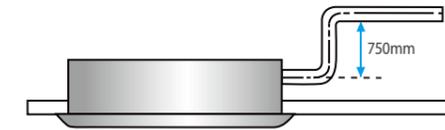
Multiple Fan Speeds

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



High-lift Drain Pump

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



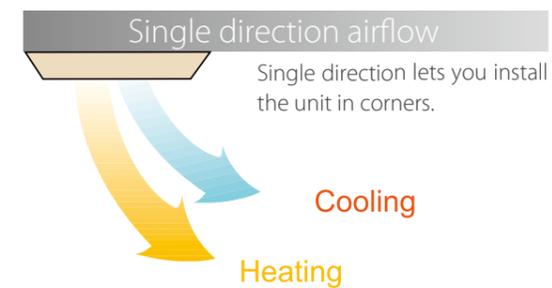
Ultra-slim, 153mm profile

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



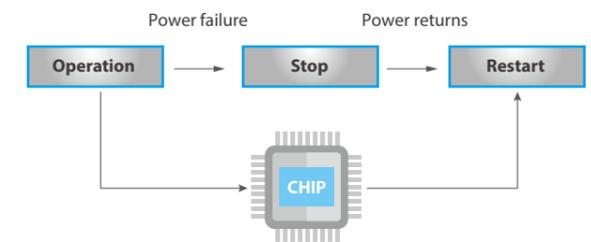
Single Direction AirFlow

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



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

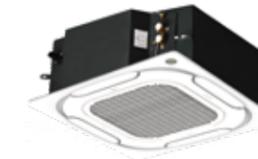


Specifications

| 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 | | | |
| | Quantity | 1 | | | |
| Fan | Type | Centrifugal, forward-curved Blades | | | |
| | Quantity | 1 | | | |
| | Row | 2 | | | |
| Coil | Max. working pressure | MPa 1.6 | | | |
| | Diameter | mm 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 | 1400x295x505 | 1400x295x505 | |
| | 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 | | | |
| | 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/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
Notes: For New Four-way Cassette



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 |
| RO5;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.



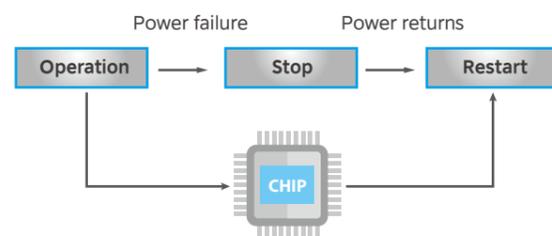
Individual Louver Control

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



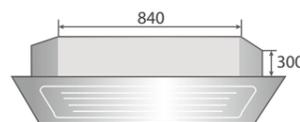
Auto restart

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).



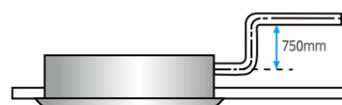
Compact low-profile design

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



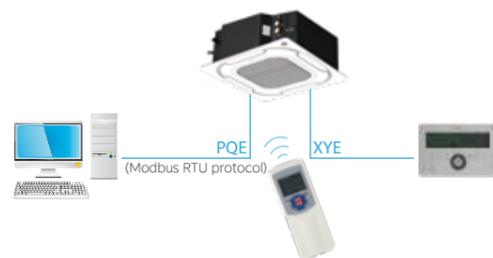
High-lift Drain Pump

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



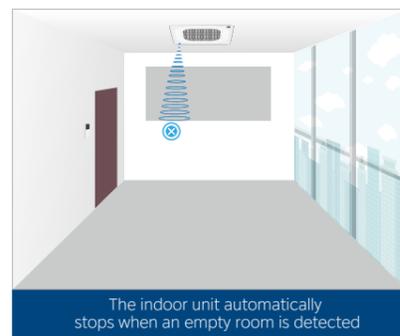
Control solutions

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 | V/Ph/Hz | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
| Air flow (H/M/L) | m³/h | 1175/987/768 | 1229/1020/810 | 1451/1146/1012 |
| | CFM | 691/580/451 | 722/600/476 | 853/674/595 |
| Cooling ¹ | Capacity (H/M/L) | kW 5.93/5.3/4.4 | 6.12/5.45/4.6 | 7.52/6.46/5.89 |
| | Water flow rate (H/M/L) | m³/h 1.06/0.92/0.77 | 1.10/0.96/0.81 | 1.37/1.18/1.07 |
| | Water pressure drop (H/M/L) | kPa 23.8/19.1/13.6 | 26.0/21.3/12.4 | 20.1/15.3/12.6 |
| | Power input (H/M/L) | W 41/30/20 | 49/31/20 | 68/37/30 |
| | Capacity (H/M/L) | kW 6.06/5.72/5.32 | 6.27/5.88/5.43 | 7.88/7.48/6.76 |
| Heating ² | Water flow rate (H/M/L) | m³/h 1.30/1.14/1.13 | 1.39/1.20/1.00 | 1.66/1.39/1.25 |
| | Water pressure drop (H/M/L) | kPa 25.9/20.1/19.9 | 30/22.7/16.3 | 26.7/18.8/15.6 |
| | Power input (H/M/L) | W 42/28/17 | 49/32/21 | 66/37/28 |
| | Capacity (H/M/L) | kW 8.42/7.37/6.06 | 8.62/7.49/6.27 | 10.37/8.72/7.88 |
| | Water flow rate (H/M/L) | m³/h 1.06/0.92/0.77 | 1.10/0.96/0.81 | 1.37/1.18/1.07 |
| Heating ³ | Water pressure drop (H/M/L) | kPa 16.9/12.7/8.6 | 19.1/14.8/10.6 | 18.2/13.6/11.1 |
| | Power input (H/M/L) | W 42/28/20 | 49/31/19 | 67/37/28 |
| | Sound pressure level (H/M/L) | dB(A) 43/39/33 | 44/40/34 | 45/40/37 |
| Sound power level (H/M/L) | dB(A) | 55/51/45 | 56/52/46 | 57/52/49 |
| Fan motor | Type | DC Motor | DC Motor | DC Motor |
| Fan | Quantity | 1 | 1 | 1 |
| | Type | Centrifugal, forward-curved Blades | | |
| Coil | Quantity | 1 | 1 | 1 |
| | 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 |
| | Gross weight | kg 9 | 9 | 9 |
| Body | Net dimensions (W×H×D) | mm 840×230×840 | 840×230×840 | 840×300×840 |
| | Packing size (W×H×D) | mm 900×237×900 | 900×237×900 | 900×330×900 |
| | Net weight | kg 23 | 23.9 | 27 |
| | Gross weight | kg 28 | 28.9 | 33 |
| | Pipe connections | Water inlet/outlet pipe | inch RC3/4 | RC3/4 |
| | Drain pipe | mm ODφ32 | ODφ32 | ODφ32 |

| Model | | MKA-V950R | MKA-V1200R | MKA-V1500R |
|---------------------------|------------------------------|------------------------------------|-----------------|------------------|
| Power supply | V/Ph/Hz | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
| Air flow (H/M/L) | m³/h | 1530/1224/1101 | 1581/1371/1236 | 1871/1415/1198 |
| | CFM | 900/720/647 | 930/806/727 | 1100/832/704 |
| Cooling ¹ | Capacity (H/M/L) | kW 7.84/6.84/6.35 | 7.87/7.12/6.67 | 11.19/8.67/7.48 |
| | Water flow rate (H/M/L) | m³/h 1.43/1.24/1.13 | 1.44/1.28/1.22 | 1.96/1.53/1.28 |
| | Water pressure drop (H/M/L) | kPa 22/17/14.1 | 22.3/18.1/16.3 | 36.6/22.7/16.4 |
| | Power input (H/M/L) | W 75/42/34 | 85/59/45 | 137/68/48 |
| | Capacity (H/M/L) | kW 8.49/8.00/7.35 | 9.16/8.54/7.9 | 11.86/9.48/8.25 |
| Heating ² | Water flow rate (H/M/L) | m³/h 1.71/1.45/1.33 | 1.73/1.57/1.46 | 2.35/1.86/1.59 |
| | Water pressure drop (H/M/L) | kPa 28.1/20.7/17.4 | 28.8/24/20.7 | 49.2/31.2/23.3 |
| | Power input (H/M/L) | W 76/43/33 | 86/59/45 | 130/60/41 |
| | Capacity (H/M/L) | kW 10.86/9.24/8.49 | 10.92/9.84/9.16 | 14.92/10.64/9.13 |
| | Water flow rate (H/M/L) | m³/h 1.43/1.24/1.13 | 1.44/1.28/1.22 | 1.96/1.53/1.28 |
| Heating ³ | Water pressure drop (H/M/L) | kPa 19.9/15.2/12.6 | 20/16.2/14.7 | 34.3/21.3/15 |
| | Power input (H/M/L) | W 76/42/33 | 85/58/45 | 127/58/39 |
| | Sound pressure level (H/M/L) | dB(A) 46/42/39 | 48/44/41 | 49/43/39 |
| Sound power level (H/M/L) | dB(A) | 58/54/51 | 60/56/53 | 61/55/51 |
| Fan motor | Type | DC Motor | DC Motor | DC Motor |
| Fan | Quantity | 1 | 1 | 1 |
| | Type | Centrifugal, forward-curved Blades | | |
| Coil | Quantity | 1 | 1 | 1 |
| | Row | 2 | 2 | 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 |
| | Gross weight | kg 9 | 9 | 9 |
| Body | 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 27 | 27 | 29.5 |
| | Gross weight | kg 33 | 33 | 34.5 |
| | Pipe connections | Water inlet/outlet pipe | inch RC3/4 | RC3/4 |
| | 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/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-C | MKA-V700-C | MKA-V800-C |
|----------------------|------------------------|---|------------------------------------|-------------------------------------|
| 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 | 52.7/50.2/47.1/44.5/41.2/37.4/35.35 |
| Rated current | A | 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 | | |
| | Row | 2 | | |
| Coil | Max. Working pressure | MPa 1.6 | | |
| | Diameter | mm 7 | | |
| | Net dimensions (W×H×D) | mm 950*77*950 | | |
| Panel | Packing size (W×H×D) | mm 1020*90*1020 | | |
| | Net weight | kg 5.8 | | |
| | Gross weight | kg 7.6 | | |
| | Net dimensions (W×H×D) | mm 840*204*840 | | |
| Body | Packing size (W×H×D) | mm 940*250*940 | | |
| | Net weight | kg 19.3 | | |
| | Gross weight | kg 22.3 | | |
| | Pipe connections | Water inlet/outlet pipe | mm RC3/4 | |
| | Drain pipe | mm φ25 | | |

| Model | | MKA-V1000-C | MKA-V1200-C |
|----------------------|------------------------|---|---------------------------------------|
| 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 | |
| Fan motor | Type | DC motor | |
| | Number | 1 | |
| Fan | Type | Centrifugal, forward-curved Blades | |
| | Number | 1 | |
| | Row | 2 | |
| Coil | Max. Working pressure | MPa 1.6 | |
| | Diameter | mm 7 | |
| | Net dimensions (W×H×D) | mm 950*77*950 | |
| Panel | Packing size (W×H×D) | mm 1020*90*1020 | |
| | Net weight | kg 5.8 | |
| | Gross weight | kg 7.6 | |
| | Net dimensions (W×H×D) | mm 840*288*840 | |
| Body | Packing size (W×H×D) | mm 940*335*940 | |
| | Net weight | kg 23.6 | |
| | Gross weight | kg 26.2 | |
| | Pipe connections | Water inlet/outlet pipe | mm RC3/4 |
| | Drain pipe | mm φ25 | |

Notes:

- Cooling mode: entering air temperature 27°C DB/19°C WB, entering/leaving water temperature 7°C /12°C.
- Heating mode: entering air temperature 20°C DB, entering/leaving water temperature 45/40°C.
- 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 | 0.6 | | |
| Fan motor | Type | DC motor | | |
| | Quantity | 1 | | |
| Fan | Type | Centrifugal, forward-curved Blades | | |
| | Quantity | 1 | | |
| | Row | 2 | | |
| Coil | Max. working pressure | MPa 1.6 | | |
| | Diameter | mm φ7 | | |
| | Net dimensions (W×H×D) | mm 950×45×950 | | |
| Panel | Packing size (W×H×D) | mm 1035×90×1035 | | |
| | Net weight | kg 6 | | |
| | Gross weight | kg 9 | | |
| | Net dimensions (W×H×D) | mm 840×300×840 | | |
| Body | Packing size (W×H×D) | mm 900×330×900 | | |
| | Net weight | kg 27.5 | | |
| | Gross weight | kg 33.5 | | |
| | Pipe connections | Water inlet/outlet pipe | inch Cold water: RC3/4; Hot water: RC1/2 | |
| | Drain pipe | mm 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) | 46/41/38 | 48/44/42 | 49/43/38 |
| Sound power level (H/M/L) | dB(A) | 58/53/50 | 60/56/54 | 61/55/50 |
| Rated current | A | 0.72 | | |
| Fan motor | Type | DC motor | | |
| | Quantity | 1 | | |
| Fan | Type | Centrifugal, forward-curved Blades | | |
| | Quantity | 1 | | |
| | Row | 3 | | |
| Coil | Max. working pressure | MPa 1.6 | | |
| | Diameter | mm φ7 | | |
| | Net dimensions (W×H×D) | mm 950×45×950 | | |
| Panel | Packing size (W×H×D) | mm 1035×90×1035 | | |
| | Net weight | kg 6 | | |
| | Gross weight | kg 9 | | |
| | Net dimensions (W×H×D) | mm 840×300×840 | | |
| Body | Packing size (W×H×D) | mm 900×330×900 | | |
| | Net weight | kg 30 | | |
| | Gross weight | kg 35 | | |
| | Pipe connections | Water inlet/outlet pipe | inch Cold water: RC3/4; Hot water: RC1/2 | |
| | Drain pipe | mm 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): (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-C | MKA-V700F-C | MKA-V800F-C | |
|----------------------|-------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| 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 | | | |
| | Row | 2 | | | |
| Coil | Max. Working pressure | MPa | 1.6 | | |
| | 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*288*840 | 840*288*840 | 840*288*840 |
| Body | 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 |
| | Water inlet/outlet pipe | mm | RC3/4-RC1/2 | | |
| Pipe connections | Drain pipe | mm | Φ25 | | |

| Model | | MKA-V1000F-C | MKA-V1200F-C | |
|----------------------|-------------------------|------------------------------------|-------------------|-------------------|
| 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 | | |
| | Row | 3 | | |
| Coil | Max. Working pressure | MPa | 1.6 | |
| | Diameter | mm | 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 | 26.2 | 26.2 |
| | Gross weight | kg | 28.6 | 28.6 |
| | Water inlet/outlet pipe | mm | RC3/4-RC1/2 | |
| Pipe connections | 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.

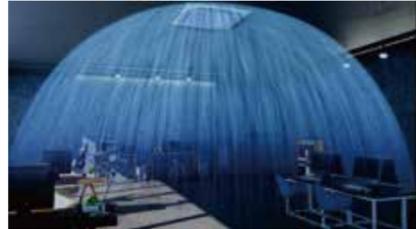
Compact design allows installation in shallow ceilings.



FEATURES

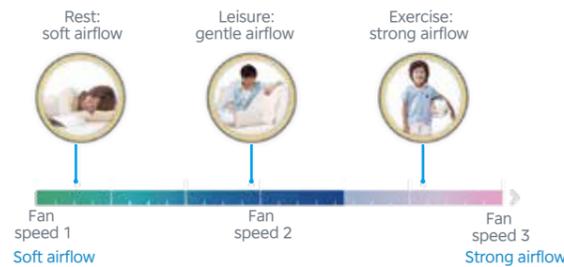
360° Airflow

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.



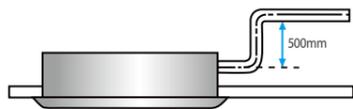
Multiple Fan Speeds

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



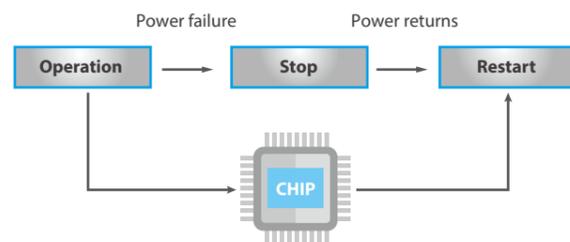
High-lift Drain Pump

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



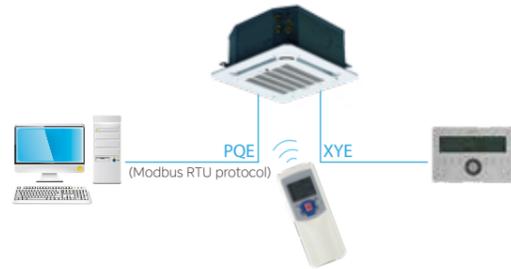
Auto restart

In the event of a 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 central controllers through the customized XYE port, also can be connected to Modbus gateway through the customized PQE port with Modbus RTU protocol.

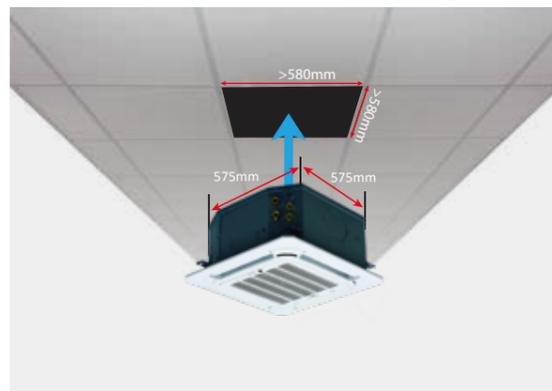


Compact design

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

| Model | | MKD-V300 | MKD-V400 | MKD-V500 |
|----------------------|----------------------------|------------------------------------|----------------|-----------------|
| Power supply | V/Ph/Hz | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
| Air flow (H/M/L) | m³/h | 719/477/381 | 719/477/381 | 781/611/494 |
| | CFM | 315/252/189 | 423/281/224 | 459/359/290 |
| | Capacity (H/M/L) | kW | 3.96/3.26/2.76 | 4.2/3.48/3.01 |
| Cooling ¹ | Water flow rate(H/M/L) | m³/h | 0.53/0.45/0.35 | 0.75/0.61/0.54 |
| | Water pressure drop(H/M/L) | kPa | 10.7/5 | 11.50/8.20/6.50 |
| | Power input(H/M/L) | W | 22.7/9/5 | 37/15/9 |
| | Capacity (H/M/L) | kW | 2.61/2.31/2.24 | 4.08/3.34/2.73 |
| Heating ² | Water flow rate(H/M/L) | m³/h | 0.64/0.54/0.42 | 0.83/0.67/0.56 |
| | Water pressure drop(H/M/L) | kPa | 12.1/8.5/5.3 | 12.68/8.6/6 |
| | Power input(H/M/L) | W | 15/9/5 | 28/16/10 |
| | Capacity (H/M/L) | kW | 4.01/3.35/2.61 | 4.78/3.84/3.16 |
| Heating ³ | Water flow rate(H/M/L) | m³/h | 0.53/0.45/0.35 | 0.7/0.58/0.51 |
| | Water pressure drop(H/M/L) | kPa | 8.2/6/3.8 | 12.68/6.4/4.92 |
| | Power input(H/M/L) | W | 14/9/5 | 28/16/10 |
| Sound pressure level | (H/M/L) | dB(A) | 39/33/27 | 42/36/30 |
| Sound power level | (H/M/L) | dB(A) | 51/45/39 | 54/48/42 |
| Fan motor | Type | DC Motor | DC Motor | DC Motor |
| | Quantity | 1 | 1 | 1 |
| Fan | Type | Centrifugal, forward-curved Blades | | |
| | Quantity | 1 | 1 | 1 |
| | Row | 2 | 2 | 2 |
| Coil | Max. working pressure | MPa | 1.6 | 1.6 |
| | Diameter | mm | Φ7 | Φ7 |
| | Net dimensions (W×H×D) | mm | 647×50×647 | 647×50×647 |
| | Packing size (W×H×D) | mm | 715×123×715 | 715×123×715 |
| Panel | Net weight | kg | 2.5 | 2.5 |
| | Gross weight | kg | 4.5 | 4.5 |
| | Net dimensions (W×H×D) | mm | 575×261×575 | 575×261×575 |
| | Packing size (W×H×D) | mm | 675×320×675 | 675×320×675 |
| Body | Net weight | kg | 15.5 | 15.5 |
| | Gross weight | kg | 20.5 | 20.5 |
| Pipe connections | Water inlet/outlet pipe | inch | G3/4 | G3/4 |
| | Drain pipe | mm | ODΦ25 | ODΦ25 |

4-Pipe Compact 4-Way Cassette

| Model | | MKD-V300FA | MKD-V400FA | MKD-V500FA |
|------------------------------|-----------------------------|------------------------------------|-----------------------------------|-------------------|
| Power supply | V/Ph/Hz | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
| Air flow (H/M/L) | m³/h | 493/395/295 | 669/523/415 | 673/526/425 |
| | CFM | 290/232/173 | 394/308/244 | 396/309/250 |
| | Capacity (H/M/L) | kW | 2.161/1.860/1.490 | 2.777/2.380/2.050 |
| Cooling ¹ | Water flow rate (H/M/L) | m³/h | 0.42/0.37/0.3 | 0.53/0.46/0.4 |
| | Water pressure drop (H/M/L) | kPa | 17.4/13.5/9.3 | 13.15/9.4/7 |
| | Power input (H/M/L) | W | 24/18/14 | 38/35/30 |
| | Capacity (H/M/L) | kW | 3.131/2.630/2.080 | 3.711/3.140/2.650 |
| Heating ² | Water flow rate (H/M/L) | m³/h | 0.32/0.28/0.23 | 0.37/0.32/0.28 |
| | Water pressure drop (H/M/L) | kPa | 23.5/17.1/11.3 | 24.1/17.9/13.1 |
| | Power input (H/M/L) | W | 17/10/6 | 32/18/11 |
| | Capacity (H/M/L) | kW | 3.63/2.99/2.36 | 4.30/3.58/3.02 |
| Heating ³ | Water flow rate (H/M/L) | m³/h | 0.36/0.31/0.25 | 0.41/0.36/0.31 |
| | Water pressure drop (H/M/L) | kPa | 34.1/24.8/16.4 | 34.9/26.0/19.0 |
| | Power input (H/M/L) | W | 17/10/6 | 31/18/11 |
| Sound pressure level (H/M/L) | dB(A) | 39/33/27 | 42/35/30 | 44/39/31 |
| Sound power level (H/M/L) | dB(A) | 51/45/39 | 54/47/42 | 56/51/43 |
| Rated current | A | 0.24 | 0.36 | 0.48 |
| Fan motor | Type | DC motor | DC motor | DC motor |
| | Quantity | 1 | 1 | 1 |
| Fan | Type | Centrifugal, forward-curved Blades | | |
| | Quantity | 1 | 1 | 1 |
| | Row | 2 | 2 | 2 |
| Coil | Max. working pressure | MPa | 1.6 | 1.6 |
| | Diameter | mm | Φ7 | Φ7 |
| | Net dimensions (W×H×D) | mm | 647×50×647 | 647×50×647 |
| | Packing size (W×H×D) | mm | 715×123×715 | 715×123×715 |
| Panel | Net weight | kg | 2.5 | 2.5 |
| | Gross weight | kg | 4.5 | 4.5 |
| | Net dimensions (W×H×D) | mm | 575×261×575 | 575×261×575 |
| | Packing size (W×H×D) | mm | 675×320×675 | 675×320×675 |
| Body | Net weight | kg | 16.7 | 16.7 |
| | Gross weight | kg | 22.7 | 22.7 |
| Pipe connections | Water inlet/outlet pipe | inch | Cold water: G3/4; Hot water: G1/2 | |
| | Drain pipe | mm | ODΦ25 | ODΦ25 |

Notes:

- H: High fan speed; M: Medium fan speed; L: Low fan speed.
- Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/19°C WB, entering/leaving water temperature 7°C /12°C.
- Heating mode(1): (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C.
- 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)
- Heating mode(1): (4-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 65/55°C.
- Heating mode(2): (4-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 70/60°C.
- Sound pressure level is tested in a semi-anechoic test room.
- Sound power level is tested in a reverberation chamber test room.



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



Remote control need a display box assembly



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

Features

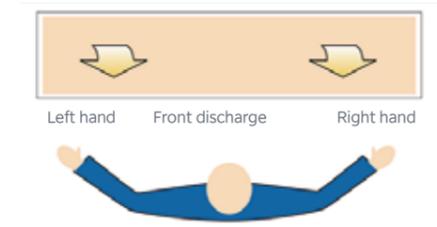
- 3 row for 2-pipe system; 4 row for 4-pipe system.
- Adjustable static pressure (12/30/50Pa) using PCB dial. MKT-C series adjustable using wired controller.
- Washable filter: Iron frame filter is standard with optional aluminum frame (requires customization).
- Compatible with both rear air returns (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.



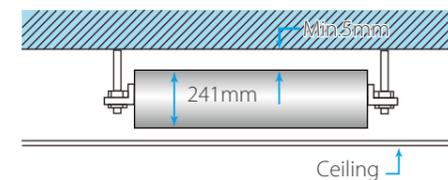
Flexible Installation

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



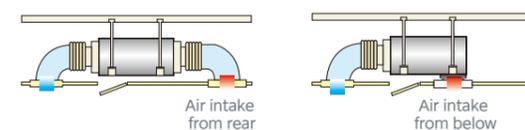
Compact Size

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.

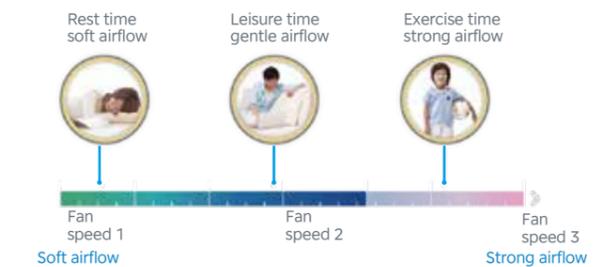


An optional extended water pan protects the ceiling from excess moisture.



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.



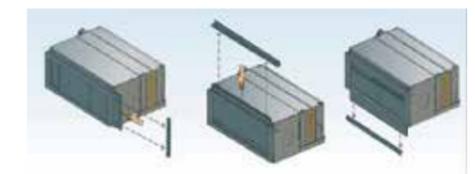
Control solutions

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

DC 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 | 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 | | | | |
| 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 |
| Cooling | Water pressure drop (H/M/L) kPa | 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 flow rate (H/M/L) m³/h | 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 |
| | 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 |
| Heating | 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 |
| | Row | / 3 | | | | |
| Coil | 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;
3. Heating conditions : water inlet 45°C, water outlet 40°C, entering air temperature 20°C DB, with air return plenum and filter;
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

DC 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 | 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 | | | | |
| 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 |
| Cooling | Water pressure drop (H/M/L) kPa | 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 flow rate (H/M/L) m³/h | 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 |
| | 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 |
| Heating | 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 |
| | Row | / 3 | | | | |
| Coil | 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;
3. Heating conditions : water inlet 45°C, water outlet 40°C, entering air temperature 20°C DB, with air return plenum and filter;
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 | |
| Coil | Row | / | / | / | / | / | |
| | Max Working Pressure | Mpa | 1.6 | 1.6 | 1.6 | 1.6 | |
| Body | Diameter | mm | Φ7 | Φ7 | Φ7 | Φ7 | |
| | 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 | |
| Coil | Row | / | / | / | / | / | |
| | Max Working Pressure | Mpa | 1.6 | 1.6 | 1.6 | 1.6 | |
| Body | Diameter | mm | Φ7 | Φ7 | Φ7 | Φ7 | |
| | 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



R05 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

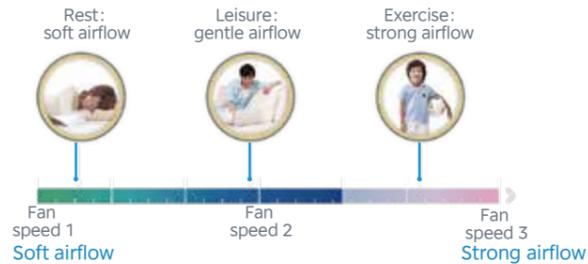
Indoor unit displays can be shut off at night, creating a better environment for rest.



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

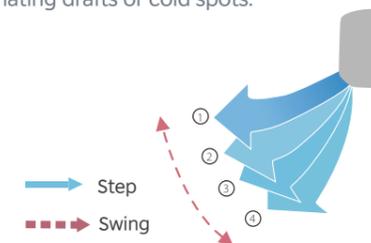
Multiple Fan Speeds

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



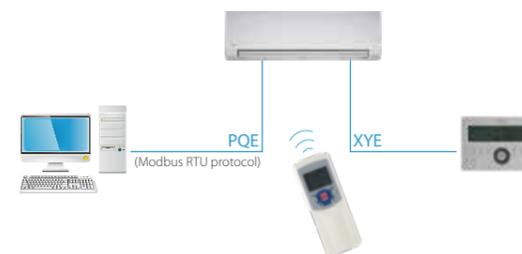
Auto Swing Louver

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 be connected to a Modbus gateway through the customized PQE port with Modbus RTU protocol.



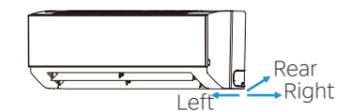
Customizable Panel Choices

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



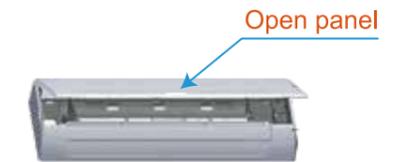
Flexible Outlet Pipe Positioning

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-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 | |
| Cooling ¹ | 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 |
| Heating ² | 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 (H/M/L) | W | 12/11/9 | 14/10/8 | 31/20/14 | 22/16/12 | 33/23/16 |
| Heating ³ | 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 | | | | | |
| | Quantity | 1 | | | | | |
| Fan | Type | Tangential fan | | | | | |
| | Quantity | 1 | | | | | |
| | Row | 2 | | | | | |
| Coil | Max. working pressure | MPa 1.6 | | | | | |
| | Diameter | mm 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 | | | | | |
| Drain pipe | mm | ODφ20 | | | | | |

Wall Mounted (P Type)



| 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 | 862/741/634 | 979/849/717 | |
| | CFM | 289/267/235 | 344/285/242 | 485/405/347 | 507/435/372 | 575/499/421 | |
| Cooling ¹ | Capacity (H/M/L) | kW | 2.7/2.59/2.39 | 2.91/2.54/2.19 | 3.81/3.3/2.88 | 4.47/3.98/3.48 | 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 | 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 |
| Heating ² | 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 |
| | Power input (H/M/L) | W | 12/11/9 | 14/10/8 | 31/20/14 | 22/16/12 | 33/23/16 |
| Heating ³ | 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 | 34.10/27/21 | 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 | | | | | |
| | Quantity | 1 | | | | | |
| Fan | Type | Tangential fan | | | | | |
| | Quantity | 1 | | | | | |
| | Row | 2 | | | | | |
| Coil | Max. working pressure | MPa 1.6 | | | | | |
| | Diameter | mm 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 | | | | | |
| Drain pipe | mm | 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



Model: 150/250/350/500/700/800 CFM



KJR-75A
Optional

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).

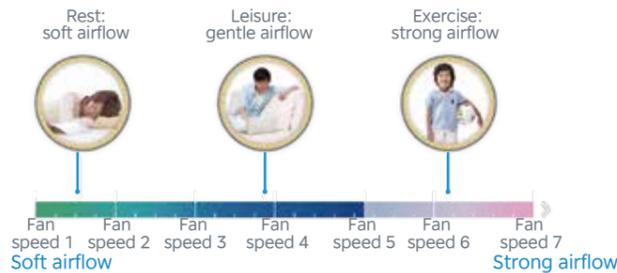
Floor standing unit with multi casing options can be installed quickly and easily in new or existing facilities in a variety of applications.



FEATURES

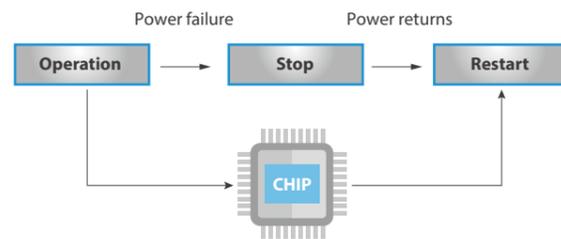
Versatile Installation Options

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



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 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.

Concealed Type
H3 Series



Exposed Type
(air return from bottom)
H2 Series



Exposed Type
(air return from side)
H1 Series



Simplified of 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-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 | 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 | 3.80/3.11/2.36 |
| | 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 | 0.65/0.53/0.40 |
| | 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 | 36.5/25.3/15.0 |
| 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 | 3.90/3.13/2.43 |
| | 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 | 0.67/0.54/0.40 |
| | 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 | 35.6/24.7/13.9 |
| 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 (H/M/L) 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 | | | | | | |
| Fan | Type Centrifugal, forward-curved Blades | | | | | | |
| Quantity | 1 | | | | | | |
| Row | 3 | | | | | | |
| Coil | Max. working pressure MPa 1.6 | | | | | | |
| Diameter | mm Φ7.94 | | | | | | |
| Body | Net dimensions (W×H×D) mm | 790×495×211 | 790×495×211 | 1020×495×211 | 1020×495×211 | 1240×495×211 | 1240×495×211 |
| | Packing size (W×H×D) mm | 895×595×300 | 895×595×300 | 1125×595×300 | 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 | | | | | | |
| Drain pipe | mm 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 | 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 | 7.30/5.88/4.28 |
| | 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 | 1.25/1.01/0.73 |
| | 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 | 63.0/40.8/22.5 |
| 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 | 7.70/6.02/4.29 |
| | 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 | 1.32/1.03/0.74 |
| | 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 | 55.0/36.4/19.2 |
| 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 (H/M/L) 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 | | | | | | |
| Fan | Type Centrifugal, forward-curved Blades | | | | | | |
| Quantity | 2 | | | | | | |
| Row | 3 | | | | | | |
| Coil | Max. working pressure MPa 1.6 | | | | | | |
| Diameter | mm Φ7.94 | | | | | | |
| Body | Net dimensions (W×H×D) mm | 1240×495×211 | 1240×495×211 | 1360×495×211 | 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 | 1465×595×300 |
| | 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 | | | | | | |
| 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

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 | 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 (H/M/L) 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 | |
| Fan | Type | Centrifugal, forward-curved Blades | | | | | |
| | Quantity | 1 | 1 | 2 | 2 | 2 | 2 |
| | Row | 3 | 4 | 3 | 4 | 3 | 4 |
| Coil | 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 | 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 | 8.37/6.81/4.85 |
| | 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 | 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 (H/M/L) 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 | |
| Fan | Type | Centrifugal, forward-curved Blades | | | | | |
| | Quantity | 2 | 2 | 3 | 3 | 3 | 3 |
| | Row | 3 | 4 | 3 | 4 | 3 | 4 |
| Coil | 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 | 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 (H/M/L) 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 | |
| Fan | Type | Centrifugal, forward-curved Blades | | | | | |
| | Quantity | 1 | 1 | 2 | 2 | 2 | 2 |
| | Row | 3 | 4 | 3 | 4 | 3 | 4 |
| Coil | 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 | 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 | 8.37/6.81/4.85 |
| | 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 (H/M/L) 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 | |
| Fan | Type | Centrifugal, forward-curved Blades | | | | | |
| | Quantity | 2 | 2 | 3 | 3 | 3 | 3 |
| | Row | 3 | 4 | 3 | 4 | 3 | 4 |
| Coil | 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 | 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 | 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.
4. H3 series test with concealed tooling.

Specifications

4- Pipe 2nd Generation Ceiling&Floor

| Model | MKH1-V150F-R4 | MKH1-V250F-R4 | MKH1-V350F-R4 | MKH1-V500F-R4 | MKH1-V700F-R4 | MKH1-V800F-R4 | |
|------------------------------|---|-----------------------------------|----------------|------------------|------------------|---------------------|------------------|
| Power supply | V/Ph/Hz 220-240/1/50 | | | | | | |
| Air flow (H/M/L) | m³/h 245/180/130 | 380/240/110 | 580/430/300 | 780/560/390 | 1050/770/460 | 1150/860/600 | |
| | CFM 144/106/76 | 224/141/65 | 341/253/176 | 459/329/229 | 618/453/271 | 676/506/353 | |
| External static pressure | Pa 0 | | | | | | |
| Cooling | 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 | 6.77/5.48/4.02 |
| | 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 | 1.16/0.94/0.69 |
| | 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 | 42.5/32.56/18.32 |
| 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 | 6.63/5.7/4.62 |
| | 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 | 0.57/0.49/0.40 |
| | 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 | 63.4/56.17/33.1 |
| Power input (H/M/L) | W 20/16/11 | 21/12/8 | 30/18/12 | 52/28/15 | 99/50/20 | 105/50/23 | |
| Sound pressure level (H/M/L) | dB(A) 39/33/26 | 33/26/17 | 39/32/24 | 46/39/30 | 52/42/33 | 53/46/36 | |
| Sound power level (H/M/L) | dB(A) 52/46/39 | 46/38/30 | 52/45/37 | 59/52/43 | 65/56/46 | 65/59/49 | |
| Fan motor | Type Low noise DC fan motor | | | | | | |
| | Quantity | 1 | 1 | 1 | 1 | 1 | |
| Fan | Type Centrifugal, forward-curved Blades | | | | | | |
| | Quantity | 1 | 2 | 2 | 2 | 3 | |
| | Row | 4 | 4 | 4 | 4 | 4 | |
| Coil | 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 | 1360×591×211 |
| | Packing size (W×H×D) mm | 895×595×300 | 1125×595×300 | 1345×595×300 | 1345×595×300 | 1465×595×300 | 1465×695×300 |
| | Net weight | kg 19.0 | 22.5 | 27.0 | 27.0 | 30.0 | 35.0 |
| | Gross weight | kg 24.5 | 28.5 | 34.0 | 34.0 | 37.5 | 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-V150F-R4 | MKH2-V250F-R4 | MKH2-V350F-R4 | MKH2-V500F-R4 | MKH2-V700F-R4 | MKH2-V800F-R4 | |
|------------------------------|---|-----------------------------------|-------------------|-------------------|-------------------|---------------------|-------------------|
| Power supply | V/Ph/Hz 220-240/1/50 | | | | | | |
| Air flow (H/M/L) | m³/h 255/206/134 | 425/280/158 | 595/461/324 | 800/595/417 | 1190/887/564 | 1300/969/661 | |
| | CFM 150/121/79 | 250/165/93 | 350/271/191 | 471/350/245 | 700/522/332 | 765/570/389 | |
| 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 | 5.90/4.60/3.30 |
| | 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 | 7.65/6.19/4.54 |
| | Water flow rate (H/M/L) 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 | 1.31/1.06/0.78 |
| Heating | 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 | 7.50/6.44/5.22 |
| | 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 | 0.64/0.55/0.45 |
| | 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 | 71.63/56.17/37.44 |
| Power input (H/M/L) | W 20/14/9 | 20/11/8 | 29/17/11 | 52/28/15 | 92/46/19 | 102/49/22 | |
| Sound pressure level (H/M/L) | dB(A) 39/33/25 | 32/23/19 | 40/34/30 | 45/39/30 | 50/43/31 | 50/43/33 | |
| Sound power level (H/M/L) | dB(A) 52/46/38 | 46/37/29 | 52/45/36 | 59/52/43 | 63/58/46 | 64/57/47 | |
| Rated current | A 0.21 | 0.22 | 0.28 | 0.51 | 0.79 | 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 | 2 | 3 | |
| | Row | 4 | 4 | 4 | 4 | 4 | |
| Coil | 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 | 1360×591×200 |
| | Packing size (W×H×D) mm | 895×595×300 | 1125×595×300 | 1345×595×300 | 1345×595×300 | 1465×595×300 | 1465×695×300 |
| | Net weight | kg 12.6 | 15.3 | 18.7 | 18.7 | 21.3 | 24.8 |
| | Gross weight | kg 16.9 | 20.8 | 25.4 | 25.4 | 28.1 | 31.9 |
| 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.

Specifications

4- Pipe 2nd Generation Ceiling&Floor

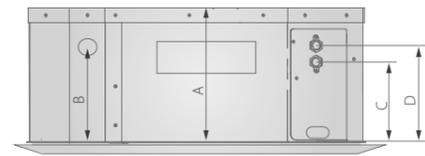
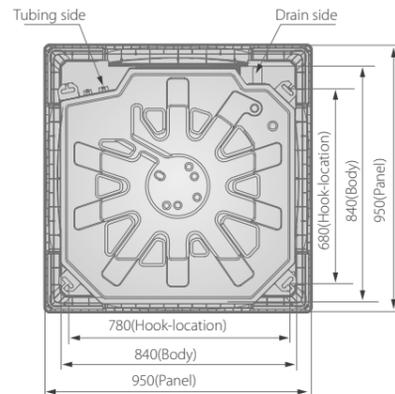
| Model | MKH3-V150F-R4 | MKH3-V250F-R4 | MKH3-V350F-R4 | MKH3-V500F-R4 | MKH3-V700F-R4 | MKH3-V800F-R4 | |
|------------------------------|---|-----------------------------------|-------------------|-------------------|-------------------|---------------------|-------------------|
| Power supply | V/Ph/Hz 220-240/1/50 | | | | | | |
| Air flow (H/M/L) | m³/h 255/206/134 | 425/280/158 | 595/461/324 | 800/595/417 | 1190/887/564 | 1300/969/661 | |
| | CFM 150/121/79 | 250/165/93 | 350/271/191 | 471/350/245 | 700/522/332 | 765/570/389 | |
| 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 | 5.90/4.60/3.30 |
| | 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 | 7.65/6.19/4.54 |
| | Water flow rate (H/M/L) 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 | 1.31/1.06/0.78 |
| Heating | 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 | 7.50/6.44/5.22 |
| | 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 | 0.64/0.55/0.45 |
| | 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 | 71.63/56.17/37.44 |
| Power input (H/M/L) | W 20/14/9 | 20/11/8 | 29/17/11 | 52/28/15 | 92/46/19 | 102/49/22 | |
| Sound pressure level (H/M/L) | dB(A) 39/33/25 | 32/23/19 | 40/34/30 | 45/39/30 | 50/43/31 | 50/43/33 | |
| Sound power level (H/M/L) | dB(A) 52/46/38 | 46/37/29 | 52/45/36 | 59/51/43 | 62/56/46 | 63/57/47 | |
| Rated current | A 0.21 | 0.22 | 0.28 | 0.51 | 0.79 | 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 | 2 | 3 | |
| | Row | 4 | 4 | 4 | 4 | 4 | |
| Coil | 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 | 628×455×200 | 858×455×200 | 1078×455×200 | 1078×455×200 | 1198×455×200 | 1198×551×200 |
| | Packing size (W×H×D) mm | 895×595×300 | 1125×595×300 | 1345×595×300 | 1345×595×300 | 1465×595×300 | 1465×695×300 |
| | Net weight | kg 12.6 | 15.3 | 18.7 | 18.7 | 21.3 | 24.8 |
| | Gross weight | kg 16.9 | 20.8 | 25.4 | 25.4 | 28.1 | 31.9 |
| 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

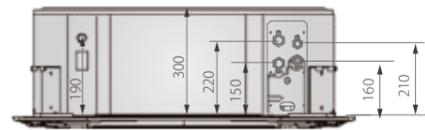
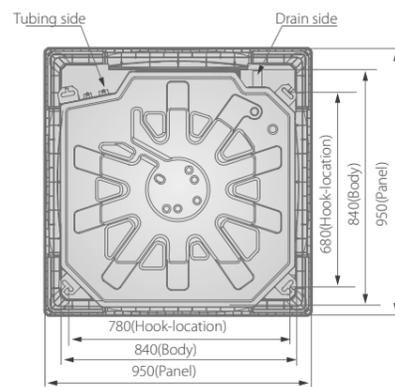
4-way cassette

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

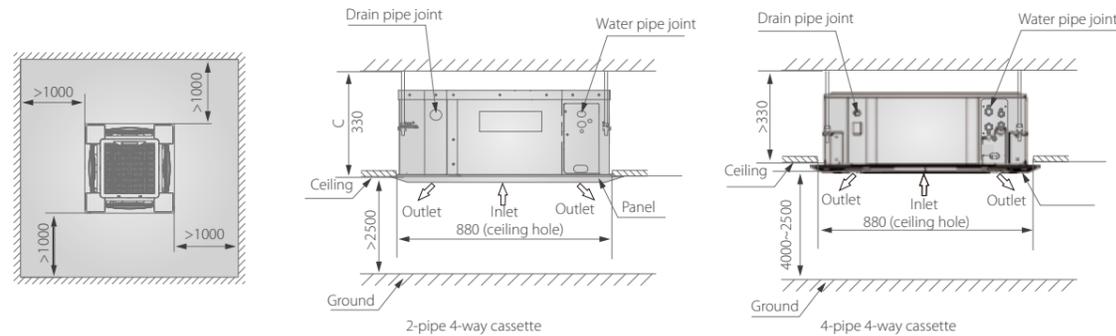


| Model | Size | A | B | C | D |
|---------------------------------------|------|-----|-----|-----|-----|
| MKA-600RA MKA-750RA | | 230 | 170 | 135 | 185 |
| MKA-950RA MKA-1200RA MAK-1500RA | | 300 | 190 | 145 | 195 |

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

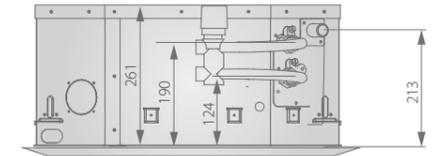
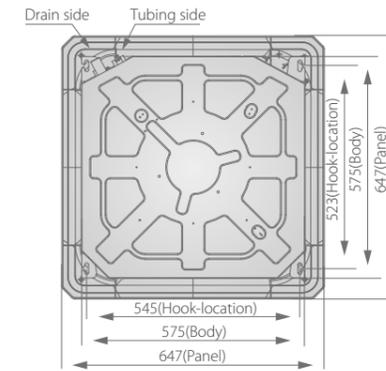


Service Spaces (unit:mm)

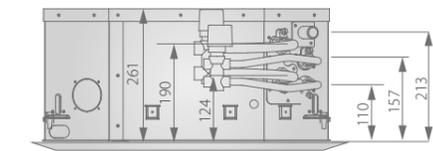
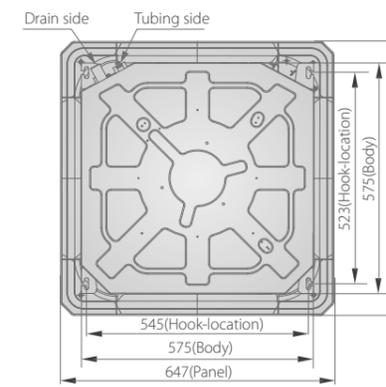


Compact 4-way cassette

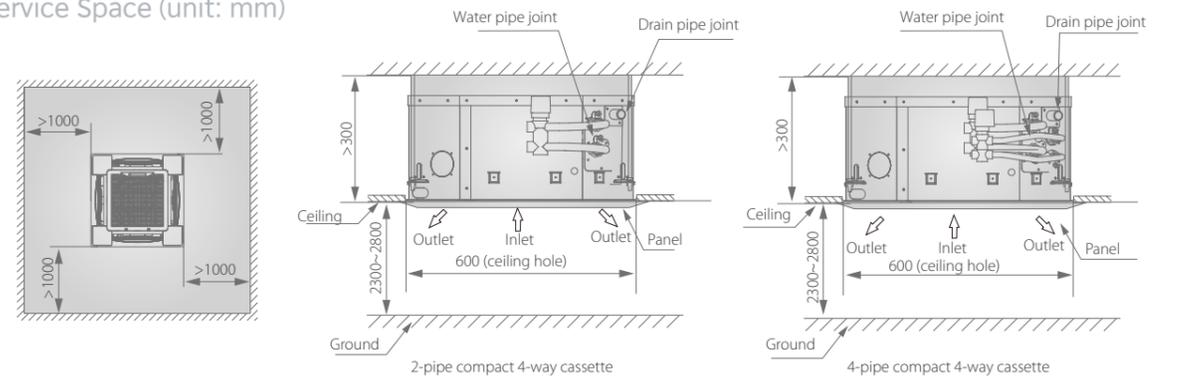
2-pipe compact 4-way cassette
Dimensions (unit: mm)



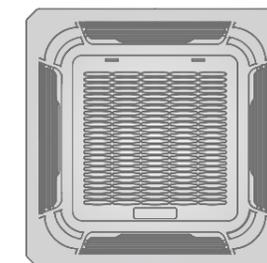
4-pipe compact 4-way cassette
Dimensions (unit: mm)



Service Space (unit: mm)



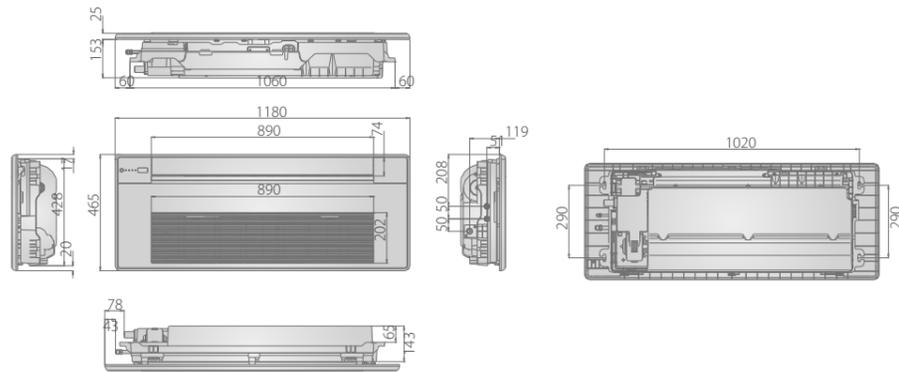
Thickness of the front panel



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

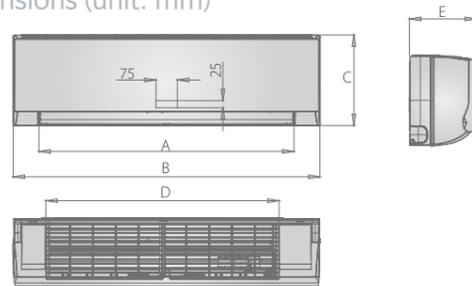
1-way cassette

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



Wall mounted - A type

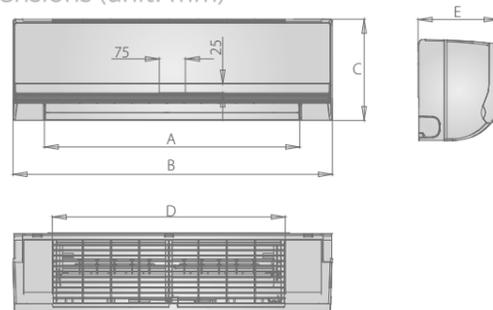
Dimensions (unit: mm)



| Size \ Model | MKG-250-CA MKG-300-CA MKG-400-CA | MKG-500-CA MKG-600-CA |
|--------------|--|--------------------------|
| A | 732 | 892 |
| B | 915 | 1072 |
| C | 290 | 315 |
| D | 663 | 813 |
| E | 233 | 237 |

Wall mounted - P type

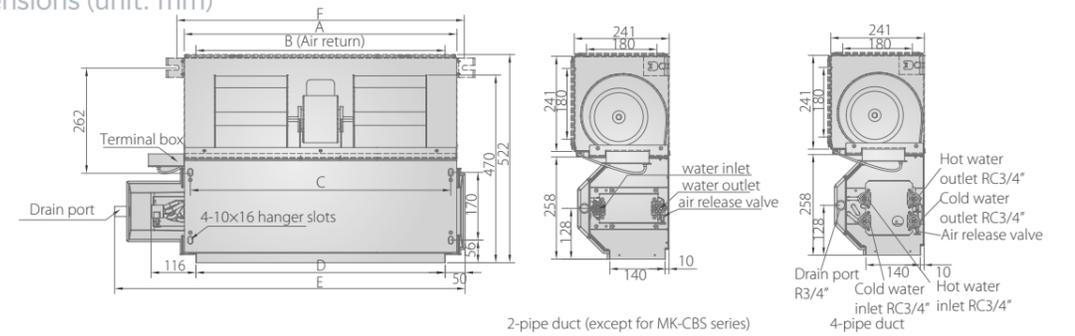
Dimensions (unit: mm)



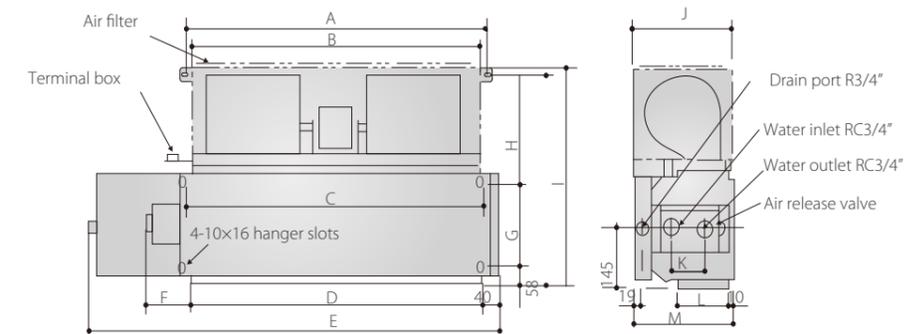
| Size \ Model | MKG-250-DA MKG-300-DA MKG-400-DA | MKG-500-DA MKG-600-DA |
|--------------|--|--------------------------|
| A | 732 | 892 |
| B | 915 | 1072 |
| C | 290 | 315 |
| D | 663 | 813 |
| E | 229 | 232 |

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 |
| 1400CFM | 1826 | 1766 | 1794 | 1766 | 2022 | 1864 |

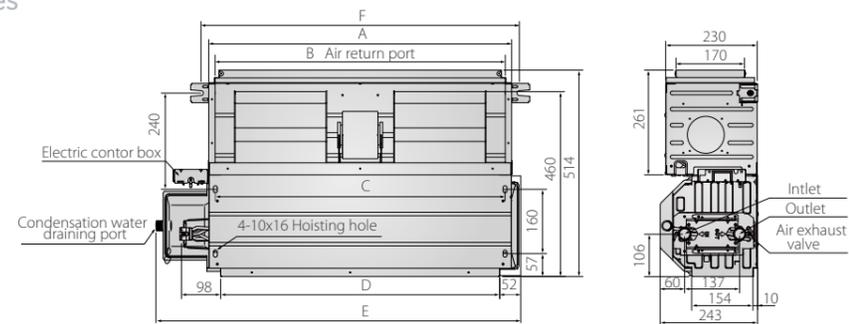


Notes:
This figure is for reference only, actual product may differ.
The dotted line in the figure is the dimension for air return plenum.
Units with air return plenum is standard, units without air return plenum can be customized.

| 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 |

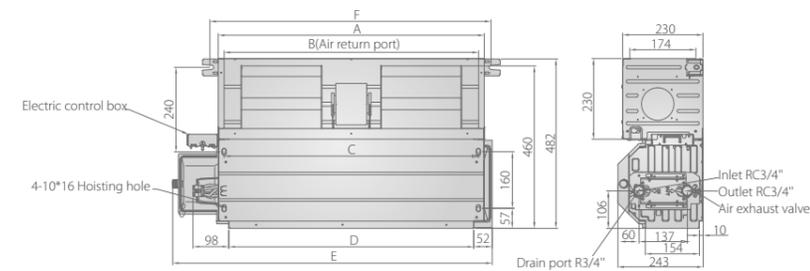
Duct

MKS3(C) series



| Model Size | 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 |

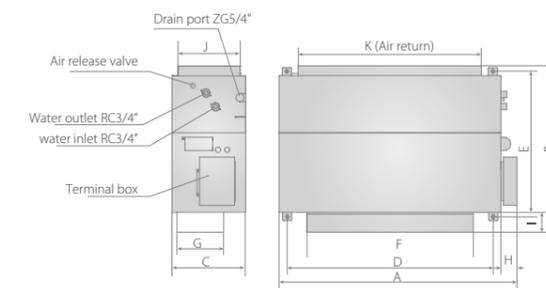
MKT3(C) series



| 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 |

High static pressure duct

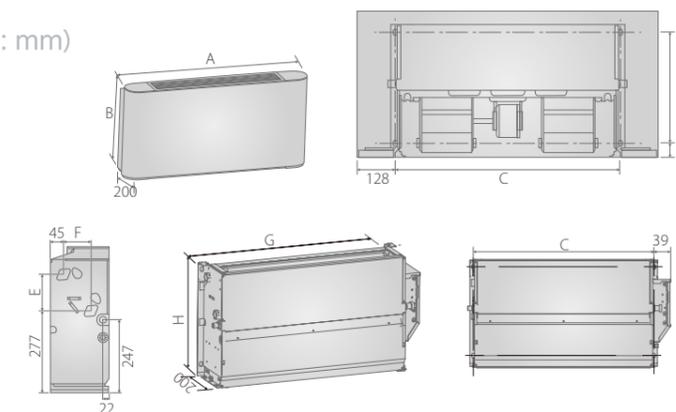
Dimensions (unit:mm)



| Model Size | 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 |

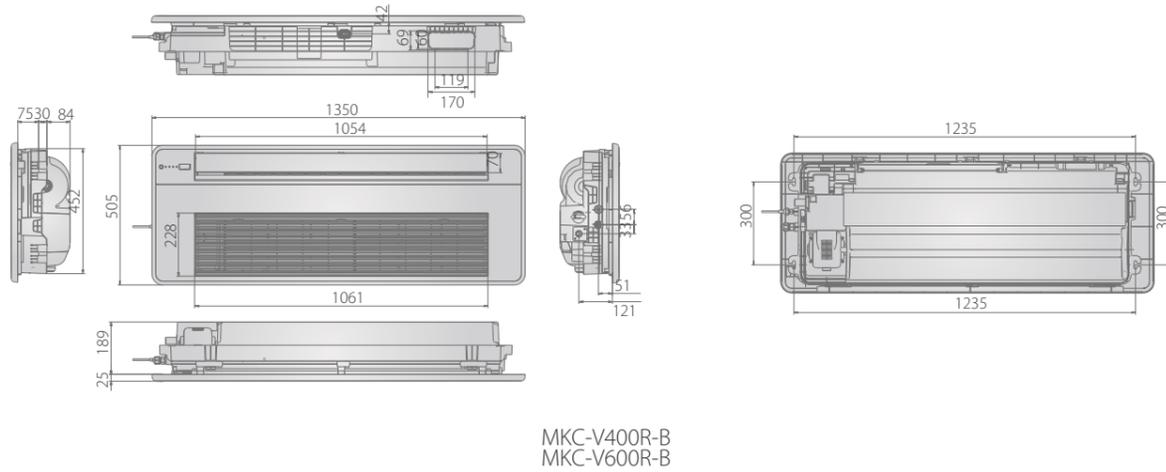
2nd generation Ceiling&Floor

Dimensions (unit: mm)

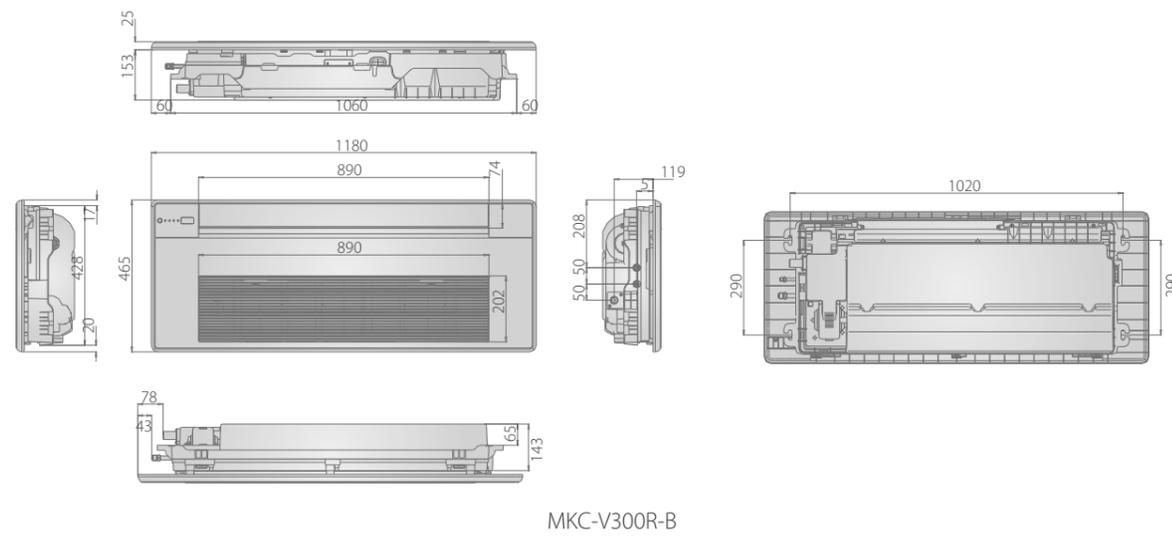


| Model | 150 | 250 | 350 | 500 | 700 | 800 |
|-------|-----|------|------|------|------|------|
| A(mm) | 790 | 1020 | 1240 | 1240 | 1360 | 1360 |
| B(mm) | 495 | 495 | 495 | 495 | 495 | 591 |
| C(mm) | 534 | 764 | 984 | 984 | 1104 | 1104 |
| D(mm) | 375 | 375 | 375 | 375 | 375 | 319 |
| E(mm) | 123 | 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 |

1-way cassette



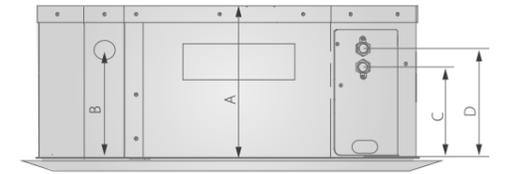
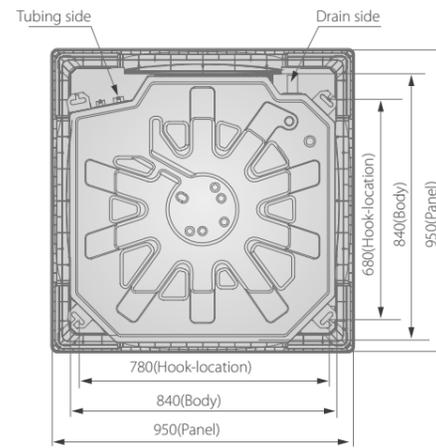
MKC-V400R-B
MKC-V600R-B



MKC-V300R-B

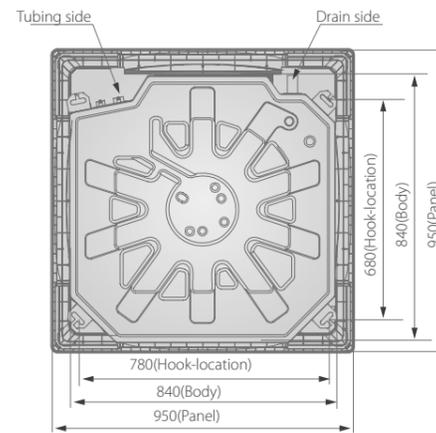
4-way cassette

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

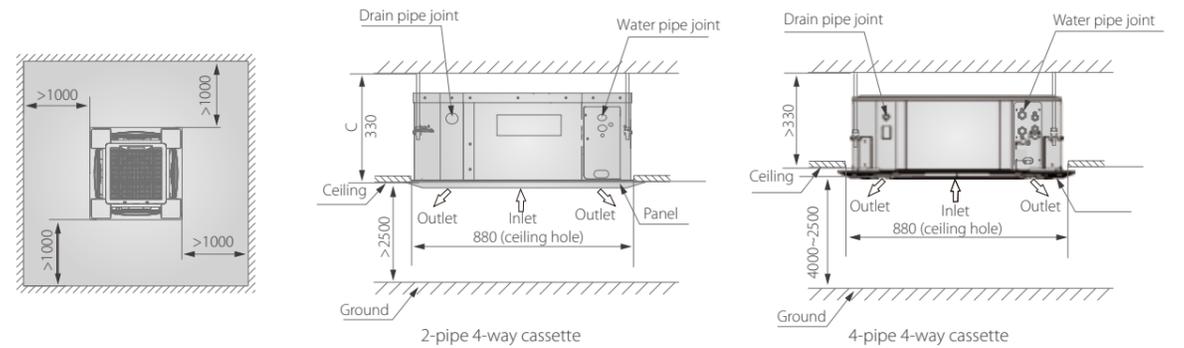


| Model | Size | | | |
|------------|------|-----|-----|-----|
| | A | B | C | D |
| MKA-V600R | 230 | 170 | 135 | 185 |
| MKA-V750R | | | | |
| MKA-V850R | 300 | 190 | 145 | 195 |
| MKA-V950R | | | | |
| MKA-V1200R | | | | |
| MAK-V1500R | | | | |

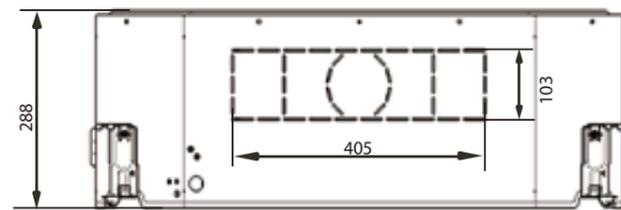
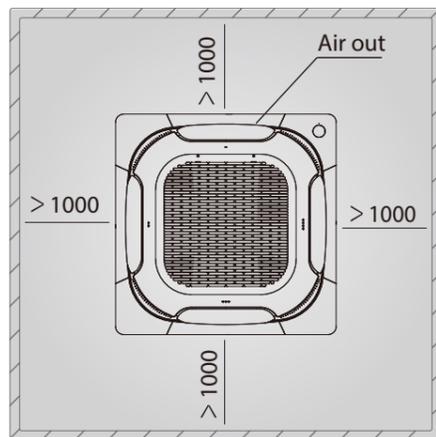
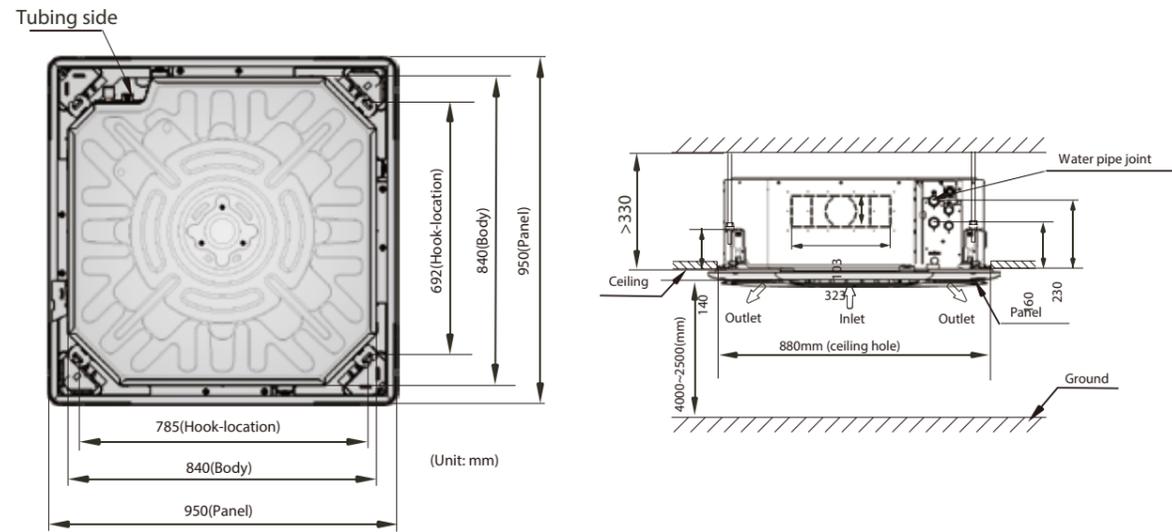
4-Pipe 4-way cassette
Dimensions (unit:mm)



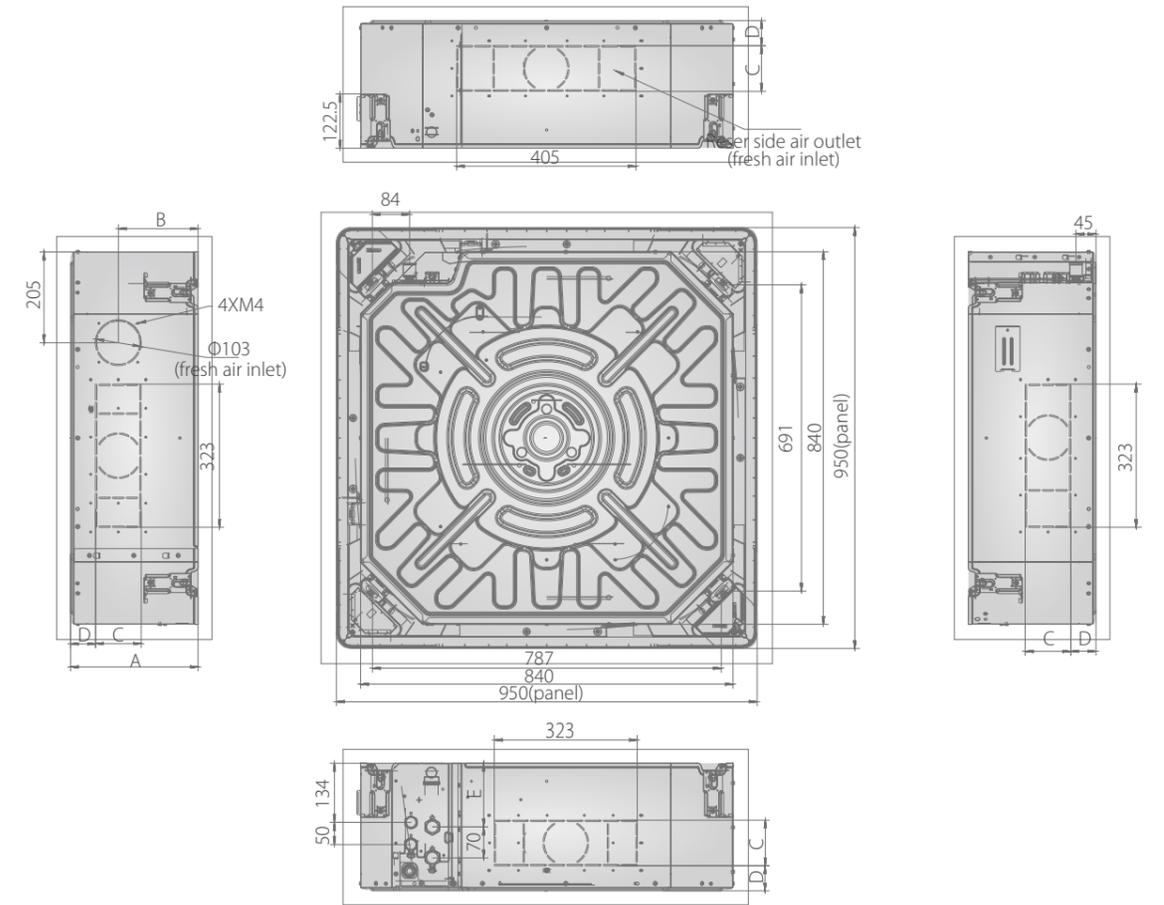
Service Spaces (unit:mm)



New 4-way cassette



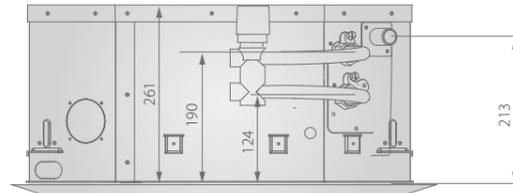
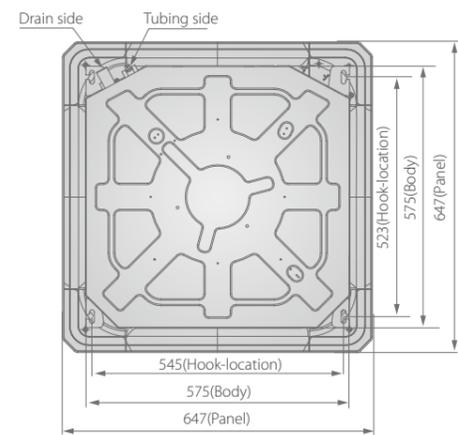
New 4-way cassette



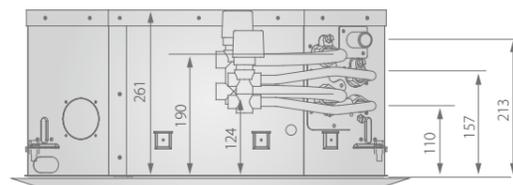
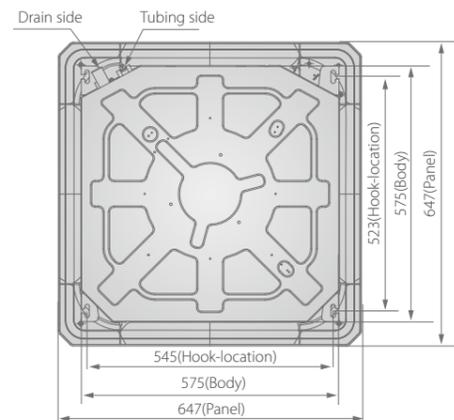
| Model | Size(mm) | | | | |
|--------------------------|----------|-----|-----|------|-----|
| | A | B | C | D | E |
| 06CA | 204 | 141 | 63 | 41.5 | 69 |
| 07CA-12CA 06FCA-12FCA | 288 | 90 | 103 | 56.5 | 144 |

Compact 4-way cassette

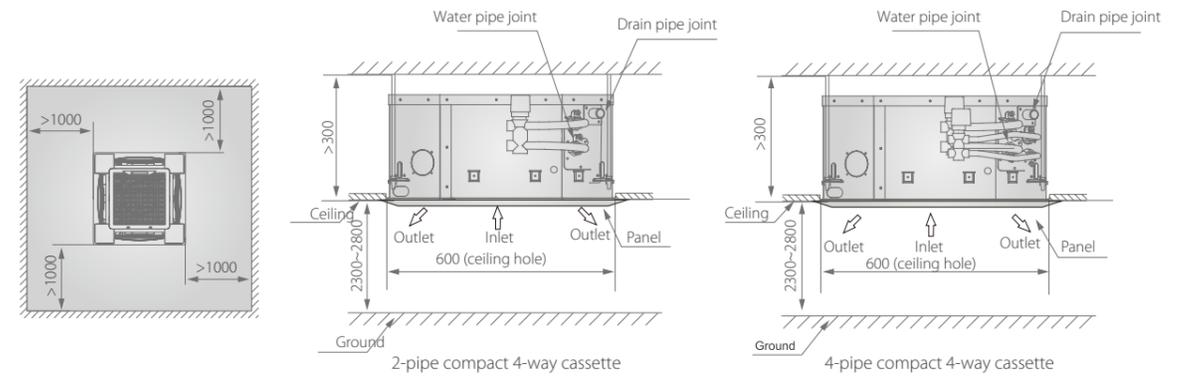
2-pipe compact 4-way cassette
Dimensions (unit: mm)



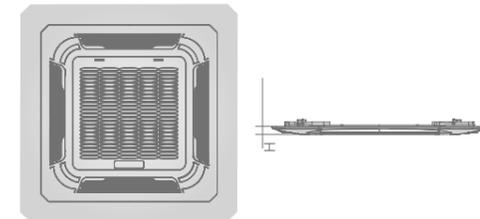
4-pipe compact 4-way cassette
Dimensions (unit: mm)



Service Spaces (unit: mm)

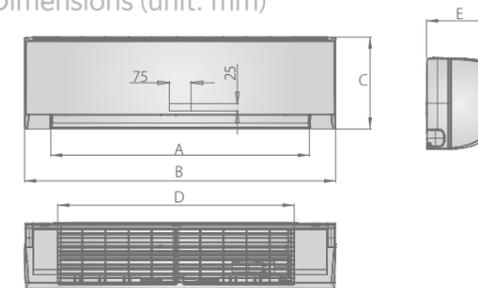


Height of the front panel



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

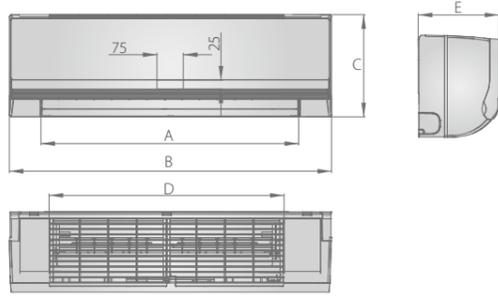
Wall mounted - A type
Dimensions (unit: mm)



| 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 |

Wall mounted - P type

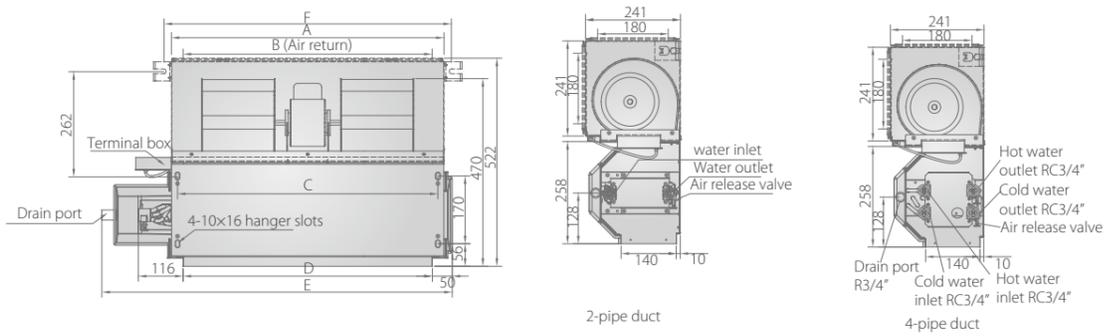
Dimensions (unit: mm)



| Size \ Model | MKG-V250D MKG-V300D MKG-V400D | MKG-V500D MKG-V600D |
|--------------|-------------------------------------|------------------------|
| A | 732 | 892 |
| B | 915 | 1072 |
| C | 290 | 315 |
| D | 663 | 813 |
| E | 229 | 232 |

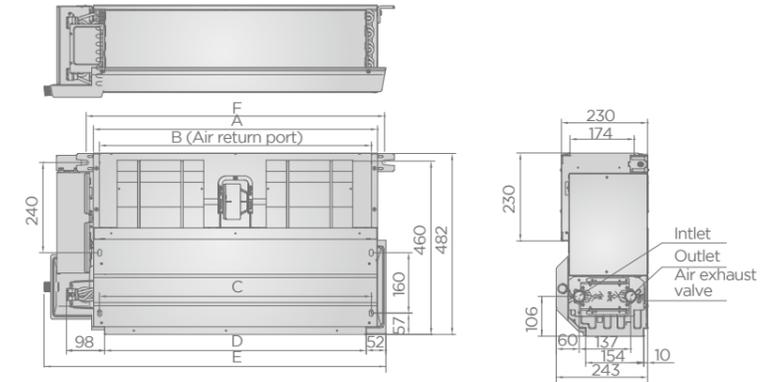
Duct

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 |

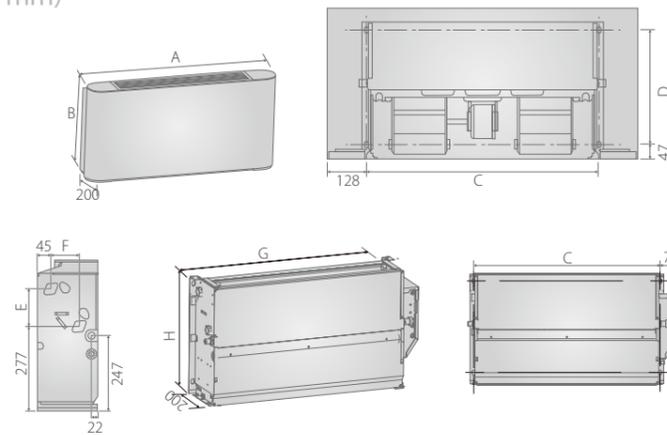
MKT3(C) series



| 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 |

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 | | |
|-----------------------|--|---|
| 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 with 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. | |
| Control Customization | 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 | - |

| FCUKZ-01 | FCUKZ-02 | FCUKZ-03-B | FCUKZ-04-B |
|----------|----------|------------|------------|
| × | × | × | × |
| ● | ● | ● | ● |
| ● | ● | ● | ● |
| ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ |
| ● | ● | ● | ● |
| ○ | ○ | ○ | ○ |
| ● | ● | ● | ● |
| × | × | × | × |
| × | × | × | × |
| ● | ● | ● | ● |

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

CONTROL DEVICES

ACCESSORIES

Wireless Remote Controllers

| Model | Appearance | Function Descriptions | Applicable FCUs |
|---------|---|--|---|
| R05/BGE |  | <ul style="list-style-type: none"> LCD display screen Mode control Fan speeds control | 4-way Cassette (standard) 1-way Cassette (standard) |
| R51/E |  | <ul style="list-style-type: none"> Time setting / Temp. setting / Swing setting | Compact 4-way cassette (standard) Wall-mounted (standard) |
| RM12F |  | <ul style="list-style-type: none"> 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 |  | <ul style="list-style-type: none"> 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 |  | <ul style="list-style-type: none"> Mechanical thermostat Mode control Fan speeds control Temp. setting | AC Ceiling& Floor and Duct without electric heater (optional) |
| KJR-29B |  | <ul style="list-style-type: none"> Receiving remote signal Mode control Fan speeds control Temp. setting | AC Cassette / Wall-mounted (optional) DC Cassette / Wall-mounted (optional) |
| KJR-75A/BK |  | <ul style="list-style-type: none"> 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 |  | <ul style="list-style-type: none"> 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 |  | <ul style="list-style-type: none"> 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 |  | <ul style="list-style-type: none"> 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

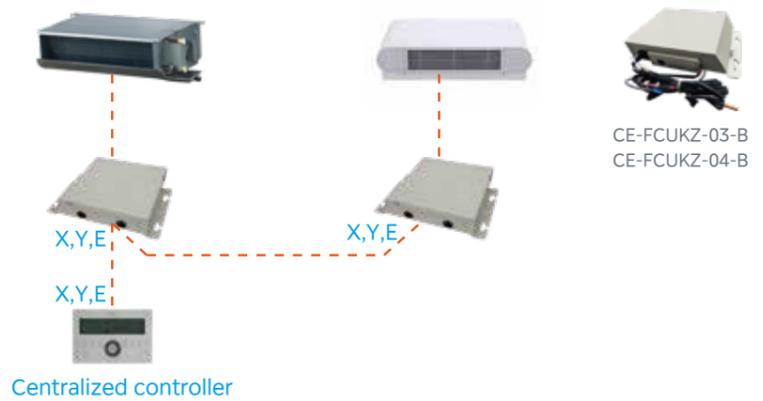
| Model | Appearance | Function Descriptions | Applicable FCUs |
|-------|---|--|---|
| CCM09 |  | <ul style="list-style-type: none"> Weekly schedule function Large LCD display screen Max. of 64 FCUs can be controlled by a CCM09 Mode control / fan speed control Time setting / temp. setting / swing setting | 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 |  | <ul style="list-style-type: none"> 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) |

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



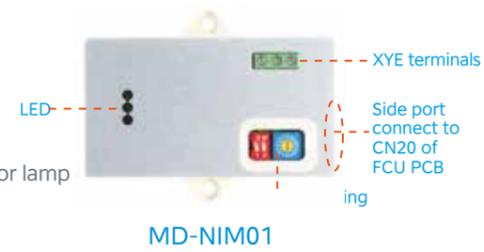
Note: The ceiling&floor of AC and duct series of AC and DC need PCB kit to connect Centralized controller.

| 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 |

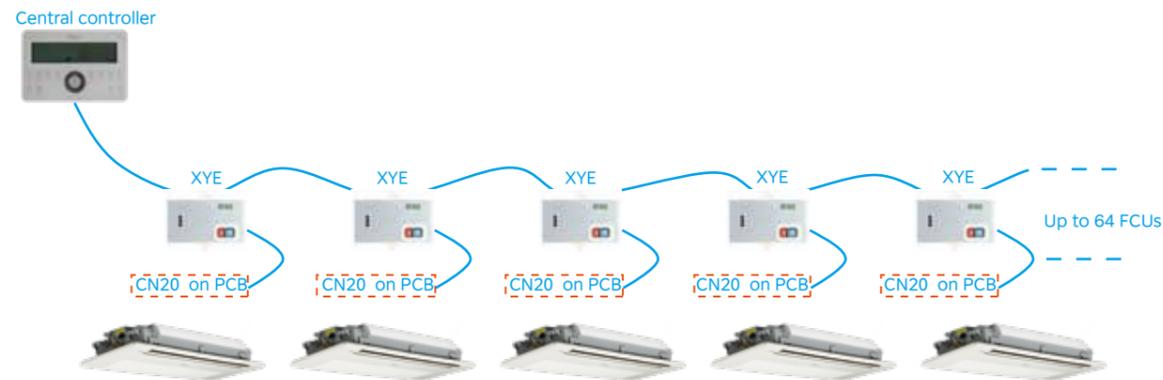
| Model | CE-FCUKZ-03-B | CE-FCUKZ-04-B |
|-----------------------------|-------------------|-----------------|
| Applicable appliance | 2-pipe FCUs | 4-pipe FCUs |
| Power supply | V-Ph-Hz | 220~240-1-50/60 |
| Operation range | Room temp. | °C 17-30 |
| | Inlet water temp. | °C 3-75 |
| Temp. controlling 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



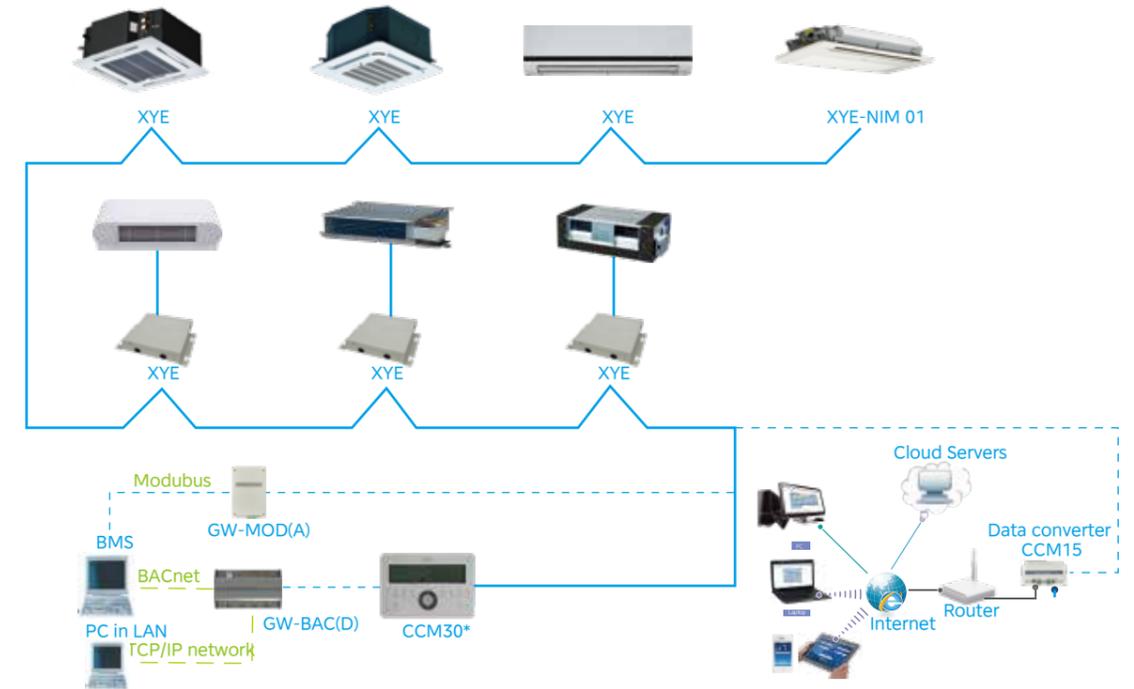
Valve kit



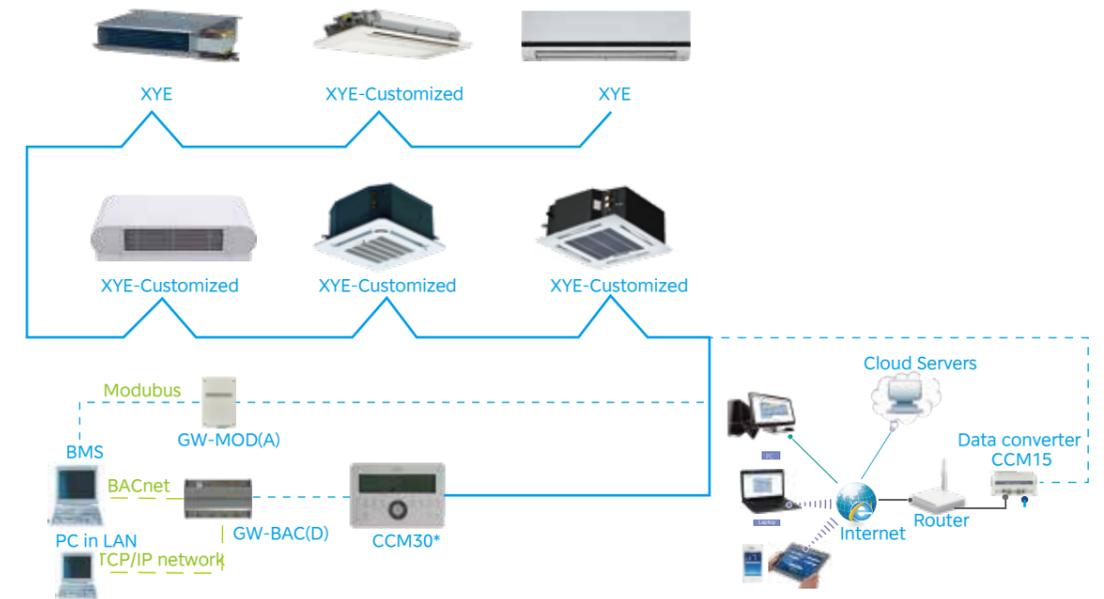
| DN(mm) | Inner Screw Thread | Applicable Appliance |
|--------|--------------------|--|
| 15 | 1/2" | For 4-pipe cassette and ceiling&floor (for hot water). |
| 20 | 3/4" | For 2-pipe FCU, 4-pipe duct, 4-pipe cassette and ceiling&floor (for cold water). |

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

AC Series



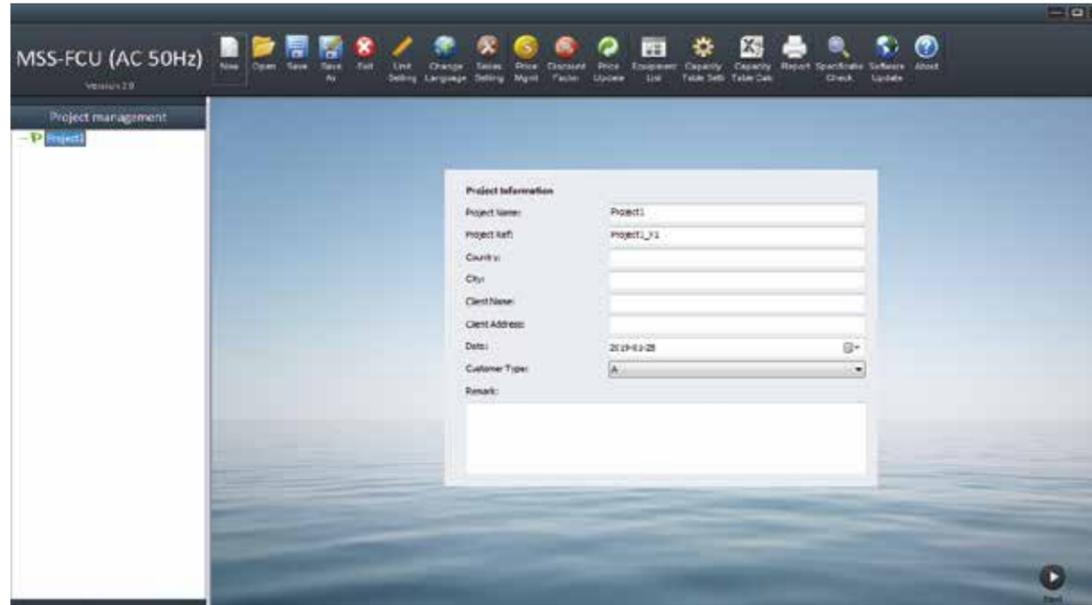
DC Series



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

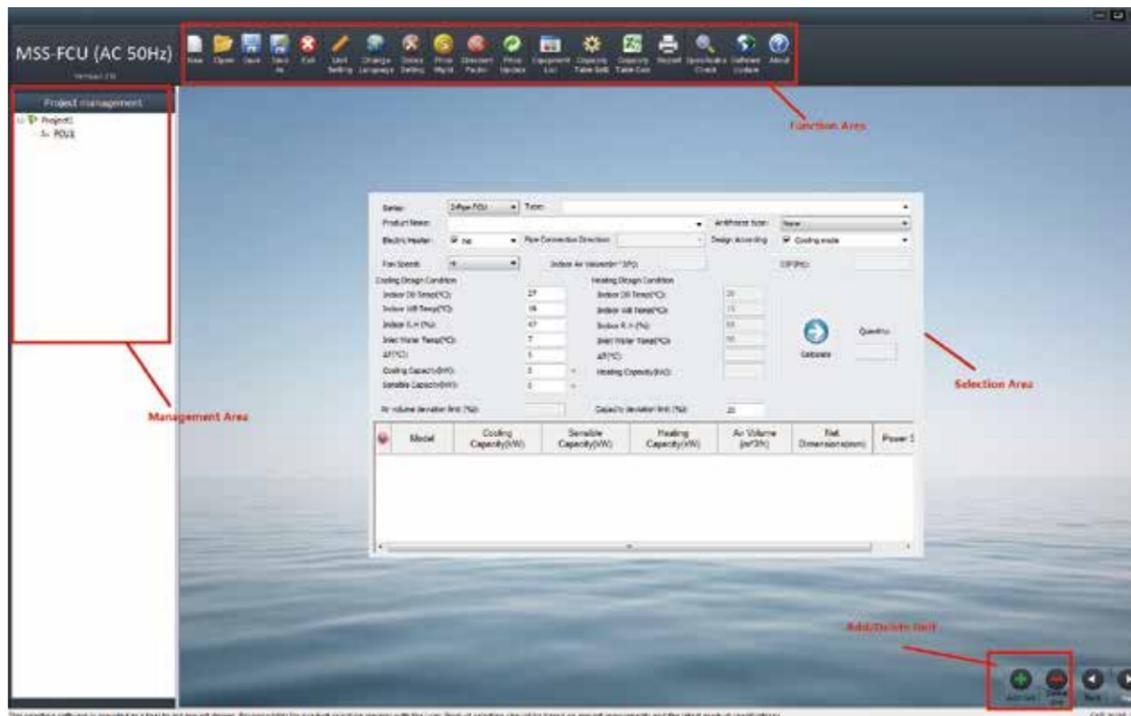
SELECTION SOFTWARE

Features

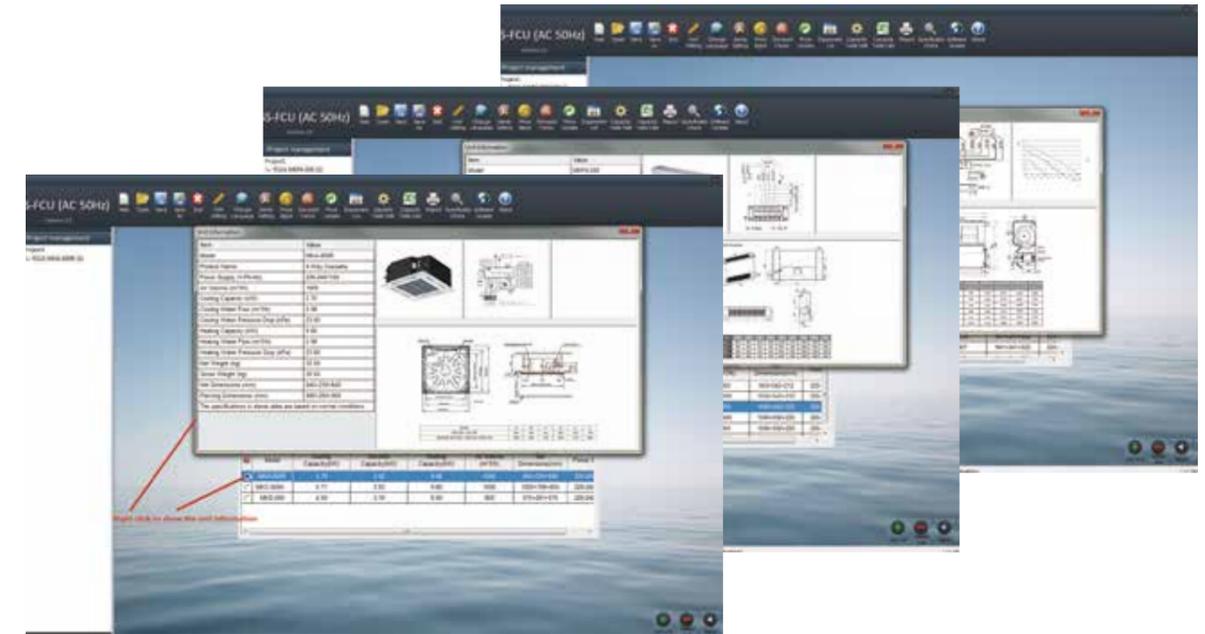


- Select by entering air and water conditions as well as fan speed.
- Easy to operate interface and visual display.
- Powerful project management function.

Main Interface



Selection Interface



Report Data Interface

The screenshot shows the report data interface, displaying a detailed table of performance metrics. The table is organized by indoor temperature (21.0, 23.0, 25.0, 27.0, 29.0) and outdoor temperature (15.0, 17.0, 19.0, 21.0, 23.0, 25.0, 27.0, 29.0). The columns represent various parameters such as Cooling Capacity, Sensible Capacity, Heating Capacity, Air Volume, and Power.

| OUT | AT | Indoor temperature (DB) | 21.0 | | | | 23.0 | | | | 25.0 | | | | 27.0 | | | | 29.0 | | | |
|------|------|-------------------------|------|------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|-------|
| | | | TC | SC | WF | WFO |
| 15.0 | 15.0 | 15.0 | 3.72 | 2.78 | 1.87 | 20.39 | 4.84 | 3.14 | 1.33 | 40.27 | 4.42 | 3.13 | 1.32 | 48.84 | 4.82 | 3.12 | 1.32 | 48.42 | 4.88 | 3.11 | 1.31 | 47.59 |
| 17.0 | 17.0 | 17.0 | 4.48 | 3.18 | 1.34 | 49.73 | 4.84 | 3.14 | 1.33 | 40.27 | 4.42 | 3.13 | 1.32 | 48.84 | 4.82 | 3.12 | 1.32 | 48.42 | 4.88 | 3.11 | 1.31 | 47.59 |
| 19.0 | 19.0 | 19.0 | 5.45 | 3.06 | 1.62 | 78.15 | 5.54 | 3.17 | 1.22 | 63.64 | 5.43 | 3.09 | 1.31 | 69.51 | 5.42 | 3.08 | 1.41 | 69.24 | 5.59 | 3.09 | 1.30 | 66.78 |
| 21.0 | 21.0 | 21.0 | 5.96 | 3.06 | 1.71 | 78.81 | 5.54 | 3.15 | 1.71 | 78.23 | 5.95 | 3.39 | 1.71 | 77.85 | 5.94 | 3.38 | 1.70 | 77.48 | 5.92 | 3.40 | 1.70 | 77.10 |
| 23.0 | 23.0 | 23.0 | 3.08 | 2.95 | 0.75 | 15.12 | 3.11 | 2.94 | 0.75 | 15.12 | 3.11 | 2.94 | 0.75 | 15.12 | 3.11 | 2.94 | 0.75 | 15.12 | 3.11 | 2.94 | 0.75 | 15.12 |
| 25.0 | 25.0 | 25.0 | 4.48 | 3.02 | 0.96 | 25.54 | 4.43 | 3.01 | 0.96 | 25.41 | 4.41 | 3.00 | 0.96 | 25.18 | 4.39 | 2.99 | 0.94 | 24.95 | 4.37 | 2.98 | 0.94 | 24.71 |
| 27.0 | 27.0 | 27.0 | 5.45 | 3.05 | 1.17 | 26.67 | 5.44 | 3.07 | 1.17 | 26.55 | 5.43 | 3.09 | 1.17 | 26.42 | 5.42 | 3.08 | 1.17 | 26.29 | 5.40 | 3.09 | 1.16 | 26.05 |
| 29.0 | 29.0 | 29.0 | 5.75 | 3.27 | 1.24 | 49.54 | 5.75 | 3.28 | 1.23 | 49.65 | 5.72 | 3.29 | 1.23 | 49.48 | 5.71 | 3.28 | 1.23 | 49.26 | 5.69 | 3.29 | 1.22 | 49.07 |
| 15.0 | 15.0 | 15.0 | 2.23 | 2.44 | 0.66 | 8.25 | 2.23 | 2.44 | 0.66 | 8.25 | 2.23 | 2.44 | 0.66 | 8.25 | 2.23 | 2.44 | 0.66 | 8.25 | 2.23 | 2.44 | 0.66 | 8.25 |
| 17.0 | 17.0 | 17.0 | 4.26 | 2.91 | 0.72 | 14.85 | 4.17 | 2.90 | 0.72 | 14.61 | 4.16 | 2.89 | 0.71 | 14.37 | 4.15 | 2.88 | 0.71 | 14.20 | 4.11 | 2.87 | 0.71 | 14.08 |
| 19.0 | 19.0 | 19.0 | 5.28 | 3.34 | 0.80 | 21.37 | 5.15 | 3.36 | 0.80 | 21.28 | 5.18 | 3.37 | 0.80 | 21.20 | 5.17 | 3.36 | 0.80 | 21.11 | 5.16 | 3.38 | 0.80 | 20.96 |
| 21.0 | 21.0 | 21.0 | 6.61 | 3.16 | 0.95 | 21.85 | 6.43 | 3.16 | 0.96 | 23.61 | 6.48 | 3.17 | 0.94 | 23.79 | 6.47 | 3.17 | 0.94 | 23.67 | 6.46 | 3.18 | 0.94 | 23.55 |
| 23.0 | 23.0 | 23.0 | 2.96 | 2.34 | 0.42 | 4.75 | 2.92 | 2.79 | 0.48 | 6.97 | 3.00 | 2.79 | 0.48 | 6.90 | 3.00 | 2.77 | 0.48 | 6.79 | 3.06 | 2.78 | 0.48 | 6.69 |
| 25.0 | 25.0 | 25.0 | 4.97 | 3.23 | 0.71 | 13.16 | 4.76 | 3.25 | 0.71 | 13.15 | 4.76 | 3.26 | 0.71 | 13.41 | 4.74 | 3.27 | 0.71 | 13.40 | 4.70 | 3.26 | 0.70 | 13.30 |
| 27.0 | 27.0 | 27.0 | 5.27 | 3.06 | 0.75 | 15.25 | 5.25 | 3.06 | 0.75 | 15.17 | 5.24 | 3.06 | 0.75 | 15.10 | 5.23 | 3.07 | 0.75 | 15.02 | 5.21 | 3.08 | 0.75 | 14.94 |
| 29.0 | 29.0 | 29.0 | 3.01 | 2.39 | 0.66 | 19.54 | 3.02 | 2.79 | 0.66 | 19.54 | 3.00 | 2.79 | 0.66 | 19.54 | 3.00 | 2.77 | 0.66 | 19.54 | 3.00 | 2.78 | 0.66 | 19.44 |
| 15.0 | 17.0 | 19.0 | 3.97 | 2.86 | 1.14 | 20.71 | 3.95 | 2.84 | 1.13 | 20.24 | 3.93 | 2.83 | 1.13 | 20.07 | 3.92 | 2.82 | 1.12 | 20.10 | 3.88 | 2.81 | 1.11 | 20.13 |
| 17.0 | 19.0 | 21.0 | 4.63 | 3.05 | 0.79 | 18.71 | 4.57 | 3.06 | 0.78 | 18.14 | 4.51 | 3.06 | 0.78 | 18.07 | 4.50 | 3.07 | 0.77 | 18.09 | 4.48 | 3.09 | 0.77 | 18.07 |
| 19.0 | 21.0 | 23.0 | 4.94 | 2.96 | 0.81 | 19.33 | 4.82 | 2.97 | 0.81 | 19.43 | 4.81 | 2.97 | 0.81 | 19.32 | 4.79 | 2.97 | 0.82 | 19.21 | 4.79 | 2.98 | 0.82 | 19.19 |
| 21.0 | 23.0 | 25.0 | 5.18 | 2.98 | 0.81 | 20.64 | 5.15 | 2.98 | 0.81 | 20.64 | 5.15 | 2.98 | 0.81 | 20.64 | 5.15 | 2.98 | 0.81 | 20.64 | 5.15 | 2.98 | 0.81 | 20.64 |
| 23.0 | 25.0 | 27.0 | 3.23 | 2.63 | 0.45 | 5.32 | 3.21 | 2.62 | 0.45 | 5.28 | 3.19 | 2.61 | 0.45 | 5.16 | 3.18 | 2.61 | 0.45 | 5.06 | 3.14 | 2.59 | 0.45 | 5.00 |
| 25.0 | 27.0 | 29.0 | 4.50 | 2.94 | 0.47 | 19.18 | 4.50 | 2.94 | 0.47 | 19.18 | 4.50 | 2.94 | 0.47 | 19.18 | 4.50 | 2.94 | 0.47 | 19.18 | 4.50 | 2.94 | 0.47 | 19.18 |
| 27.0 | 29.0 | 31.0 | 4.69 | 2.76 | 0.61 | 11.48 | 4.62 | 2.76 | 0.68 | 11.57 | 4.57 | 2.77 | 0.68 | 11.50 | 4.55 | 2.78 | 0.68 | 11.43 | 4.54 | 2.79 | 0.65 | 11.30 |
| 29.0 | 31.0 | 33.0 | 2.25 | 2.14 | 0.62 | 11.18 | 2.25 | 2.14 | 0.62 | 11.18 | 2.25 | 2.14 | 0.62 | 11.18 | 2.25 | 2.14 | 0.62 | 11.18 | 2.25 | 2.14 | 0.62 | 11.18 |

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: Volgograd
- 📦 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: 4,100RT



Beijing New International Airport

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



Hilton Hotel in Foshan(Five Star)

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



Top Glove in Malaysia

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



Major Platinum Cineplex Laos

- 🌐 Country: Laos
- 📍 City: Vientiane
- 🏢 Outdoor Units: Centrifugal chiller & Water-cooled screw chiller
- 🏠 Indoor Units: FCU & AHU
- 📊 Total Capacity: 2,000RT



The Prime Minister Office Building

- 🌐 Country: Tajikistan
- 📍 City: Dushanbe
- 🏢 Outdoor Units: Water-cooled screw chiller
- 🏠 Indoor Units: FCU & AHU
- 📊 Total Capacity: 2,880kW

