



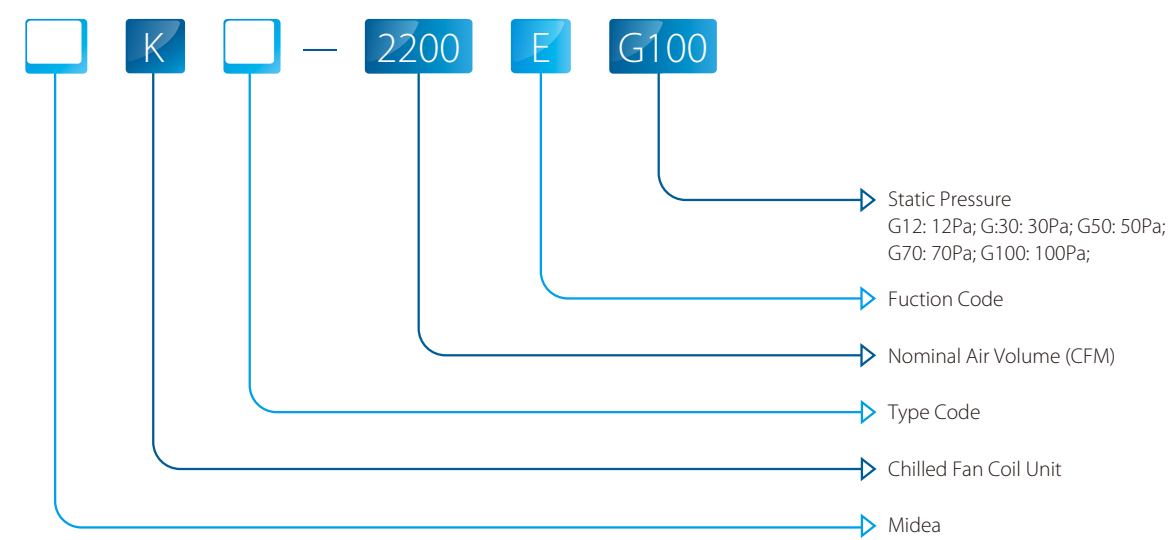
Fan Coil Units

Fan Coil Units

Midea Fan Coil Units have ceiling exposed type, ceiling concealed type, wall-mounted type and floor-standing type. The air volume ranges from 150CFM to 2200CFM. It is a highly versatile product suitable for hospitals, office buildings, hotels, airports and various other applications.



Nomenclature



Fan Coil Units

Product Lineup

2-Pipe FCUs

Air volume (CFM)		150	200	250	300	400	450	500	600	750		800	850	900	950	1000	1200	1400	1500	1600	1800	2000	2200
1-way cassette																							
4-way cassette																							
Compact 4-way cassette																							
Duct																							
High static pressure Duct																							
Wall mounted																							
Ceiling & floor																							
Floor standing																							

4-Pipe FCUs

Air volume (CFM)		100	200	250	300	400	450	500	600	750		800	850	900	950	1000	1200	1400	1500	1600	1800	2000	2200
Compact 4-way cassette																							
4-way cassette																							
Duct																							

Note:
The standard power supply for all fan coil units is 220V-240V/50Hz; 208-230V/60Hz can be customized for all fan coil units.

Cassette Series



300/400CFM



600CFM

1-way Cassette



Compact 4-way Cassette



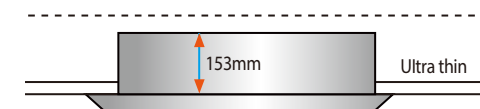
4-way Cassette



1-way Cassette

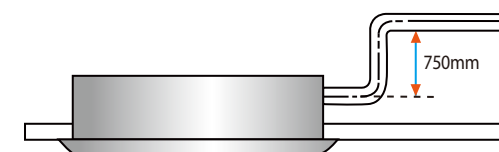
Min. 153mm Thickness >>

- ❖ Compact design, ultra slim body with a minimum thickness of 153mm, especially suitable for narrow ceiling, such as in lobbies and small meeting rooms.



High-lift Pump >>

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



One Direction Air Flow >>

- ❖ One direction air flow guarantees quick cooling, flexible installation positioning.



Specifications

Model		Non-AEH	MKC-300R-B	MKC-400R-B	MKC-600HRN4
		With-AEH	MKC-300RA-B	MKC-400RA-B	/
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	510/450/400	630/560/500	1000/880/800
		CFM	300/270/240	370/330/300	590/520/470
Cooling	Capacity (H/M/L)	kW	3.04/2.79/2.56	3.79/3.58/3.38	5.709/4.85/4.36
	Water flow rate	L/h	520	650	982
	Water pressure drop	kPa	14	20	20.2
Heating	Capacity (H/M/L)	kW	5.13/4.69/4.04	6.41/5.86/5.11	9.6/8.36/7.48
	Water pressure drop	kPa	9	16	18.1
Power input (H/M/L)		W	32/22/15	40/30/25	125/88/65
Auxiliary electric heater (AEH)		W	750	750	/
Sound pressure level (H/M/L)		dB(A)	36/34/32	37/35/34	42/39/37
Fan motor	Type	Low noise 3-speed fan motor			
	Quantity	1			
Fan	Type	Centrifugal, forward-curved blades			
	Quantity	1			
Coil	Row		2	2	3
	Max. working pressure	MPa	1.6		
	Diameter	mm	Φ7		
Panel	Net dimensions (WxHxD)	mm	1180x25x465	1180x25x465	1420x10x755
	Packing size (WxHxD)	mm	1232x107x517	1232x107x517	1500x110x870
	Net weight	kg	3.5	3.5	9
	Gross weight	kg	5.2	5.2	12
Body	Net dimensions (WxHxD)	mm	1054x153x425	1054x153x425	1200x198x655
	Packing size (WxHxD)	mm	1155x245x490	1155x245x490	1380x265x720
	Net weight (non-AEH/with-AEH)	kg	12.8/13.1	12.8/13.1	32.6
	Gross weight (non-AEH/with-AEH)	kg	16.6/17.1	16.6/17.1	36.3
Pipe connections	Water inlet/outlet pipe	inch	RC1/2		
	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, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 50°C, entering air temperature 20°C DB, the same water flow as the cooling conditions.
3. Noise is tested in a semi-anechoic test room.

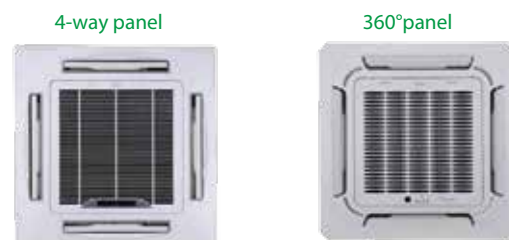
4-way Cassette

Various Selections >>

- ❖ Versions for 2/4 pipe systems.
- ❖ Versions for compact/normal size.

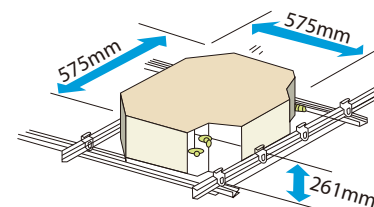
Stylish Panel with Large Airflow Outlet >>

- ❖ 4-way air supply panel is standard for 4-way cassette.
- ❖ 360° air supply panel is standard for compact 4-way cassette.



Compact Design, Easy Installation >>

- ❖ For Compact Four-way Cassette: Extremely compact casing suits any room's decor and requires little space for installation on a low ceiling.
- ❖ Due to compact body and light weight, all models can be installed without a hoist.

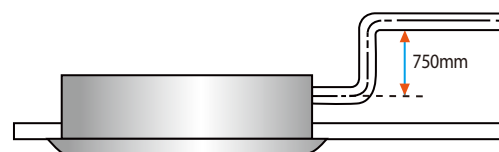


Various Accessories Selections >>

- ❖ Safe factory-installed electric heater is optional.
- ❖ Extended drainage pan is optional.
- ❖ Wireless controller is standard, and wired controller is optional.

High-lift Drain Pump >>

- ❖ Standard built-in drain pump with 750mm pump head for normal size and 500mm for compact size.



Fresh Air Intake >>

- ❖ Fresh air can enter through the cassette unit so you can enjoy even fresher air in a room.



2-Pipe 4-Way Cassette



Model	Non-AEH With-AEH	MKA-600R MKA-600RA	MKA-750R MKA-750RA	MKA-850R MKA-850RA
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)	5.7/4.73/3.96	7/5.62/4.72	7.27/6.46/5.71
	Water flow rate	L/h	980	1204
	Water pressure drop	kPa	23.8	27
Heating	Capacity (H/M/L)	9.66/7.72/6.27	11.55/9.24/7.51	12.42/9.93/8.07
	Water pressure drop	kPa	16.4	14.6
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		
Fan	Type	Centrifugal, forward-curved blades		
	Quantity	1		
Coil	Row	2		
	Max. working pressure	MPa	1.6	
	Diameter	mm	Φ7	
Panel	Net dimensions (WxHxD)	mm	950x45x950	
	Packing size (WxHxD)	mm	1035x90x1035	
	Net weight	kg	6	
	Gross weight	kg	9	
Body	Net dimensions (WxHxD)	mm	840x230x840	840x300x840
	Packing size (WxHxD)	mm	900x260x900	900x330x900
	Net weight (non-AEH/with-AEH)	kg	25/27	30.5/33
	Gross weight (non-AEH/with-AEH)	kg	30/32	36.2/39
Pipe connections	Water inlet/outlet pipe	inch	RC3/4	
	Drain pipe	mm	ODΦ32	

Model	Non-AEH With-AEH	MKA-950R MKA-950RA	MKA-1200R MKA-1200RA	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)	8.22/7.39/6.54	10.39/9.25/8.2	12.9/11.51/10.21
	Water flow rate	L/h	1414	2219
	Water pressure drop	kPa	31.2	40
Heating	Capacity (H/M/L)	13.85/11.08/9	17.58/14.06/11.42	17.6/14.08/11.44
	Water pressure drop	kPa	14.8	36.7
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		
Fan	Type	Centrifugal, forward-curved blades		
	Quantity	1		
Coil	Row	2	2	3
	Max. working pressure	MPa	1.6	
	Diameter	mm	Φ7	
Panel	Net dimensions (WxHxD)	mm	950x45x950	
	Packing size (WxHxD)	mm	1035x90x1035	
	Net weight	kg	6	
	Gross weight	kg	9	
Body	Net dimensions (WxHxD)	mm	840x300x840	
	Packing size (WxHxD)	mm	900x330x900	
	Net weight (non-AEH/with-AEH)	kg	30.5/33	31.8
	Gross weight (non-AEH/with-AEH)	kg	36.2/39	36
Pipe connections	Water inlet/outlet pipe	inch	RC3/4	
	Drain pipe	mm	ODΦ32	

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 50°C, entering air temperature 20°C DB, the same water flow as the cooling conditions.
3. Noise is tested in a semi-anechoic test room.

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	l/h	877	1020	1061
	Water pressure drop	kPa	15	17	20
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	l/h	574	677	693
	Water pressure drop	kPa	37	41	39
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			
Fan	Type	Centrifugal, forward-curved blades			
	Quantity	1			
Coil	Row		2		
	Max. working pressure	MPa	1.6		
	Diameter	mm	Ø7		
Panel	Net dimensions (WxHxD)	mm	950x45x950		
	Packing size (WxHxD)	mm	1035x90x1035		
	Net weight	kg	6		
	Gross weight	kg	9		
Body	Net dimensions (WxHxD)	mm	840x300x840		
	Packing size (WxHxD)	mm	900x307x900		
	Net weight	kg	35		
	Gross weight	kg	41		
Pipe connections	Water inlet/outlet pipe	Inch	Cold water: RC3/4; Hot water: RC1/2		
	Drain pipe	mm	ODØ32		

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	l/h	1152	1596	1820
	Water pressure drop	kPa	22	32	38
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	l/h	746	1002	1085
	Water pressure drop	kPa	42	57	61
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			
Fan	Type	Centrifugal, forward-curved blades			
	Quantity	1			
Coil	Row		2	3	3
	Max. working pressure	MPa	1.6		
	Diameter	mm	Ø7		
Panel	Net dimensions (WxHxD)	mm	950x45x950		
	Packing size (WxHxD)	mm	1035x90x1035		
	Net weight	kg	6		
	Gross weight	kg	9		
Body	Net dimensions (WxHxD)	mm	840x300x840		
	Packing size (WxHxD)	mm	900x307x900		
	Net weight	kg	35	38	38
	Gross weight	kg	41	44	44
Pipe connections	Water inlet/outlet pipe	Inch	Cold water: RC3/4; Hot water: RC1/2		
	Drain pipe	mm	ODØ32		

Notes:

- H: High fan speed; M: Medium fan speed; L: Low fan speed.
- Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 70°C, temperature drop 10°C DB, entering air temperature 20°C DB.
- Noise is tested in a semi-anechoic test room.

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	3/2.58/2.16	3.7/3.18/2.66	4.5/3.6/3.06
	Water flow rate	l/h	516	636	774
	Water pressure drop	kPa	14	15	16
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	l/h	12	13	15
	Water pressure drop	kPa	12	13	15
Power input (H/M/L)		W	50/40/30	70/50/40	95/53/42
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			
Fan	Type	Centrifugal, forward-curved blades			
	Quantity	1			
Coil	Row		2		
	Max. working pressure	MPa	1.6		
	Diameter	mm	Ø7		
Panel	Net dimensions (WxHxD)	mm	647x50x647		
	Packing size (WxHxD)	mm	715x123x715		
	Net weight	kg	2.5		
	Gross weight	kg	4.5		
Body	Net dimensions (WxHxD)	mm	575x261x575		
	Packing size (WxHxD)	mm	670x290x670		
	Net weight	kg	16.5		
	Gross weight	kg	20		
Pipe connections	Water inlet/outlet pipe	Inch	G3/4		
	Drain pipe	mm	ODØ25		

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	2.5/2.2/1.76	2.9/2.55/2.04	3.5/2.87/2.15
	Water flow rate	l/h	430	499	602
	Water pressure drop	kPa	22	16	24
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	l/h	318	396	439
	Water pressure drop	kPa	17	23	27
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			
Fan	Type	Centrifugal, forward-curved blades			
	Quantity	1			
Coil	Row		2		
	Max. working pressure	MPa	1.6		
	Diameter	mm	Ø7		
Panel	Net dimensions (WxHxD)	mm	647x50x647		
	Packing size (WxHxD)	mm	715x123x715		
	Net weight	kg	2.5		
	Gross weight	kg	4.5		
Body	Net dimensions (WxHxD)	mm	575x261x575		
	Packing size (WxHxD)	mm	655x290x655		
	Net weight	kg	16.5		
	Gross weight	kg	20		
Pipe connections	Water inlet/outlet pipe	Inch	Cold water: G3/4; Hot water: G1/2		
	Drain pipe	mm	ODØ25		

Notes:

- H: High fan speed; M: Medium fan speed; L: Low fan speed.
- Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions(2 pipe): entering water 50°C, entering air temperature 20°C DB, the same water flow as the cooling conditions.
Heating conditions(4 pipe): entering water 70°C, temperature drop 10°C DB, entering air temperature 20°C DB.
- Noise is tested in a semi-anechoic test room.

Duct Series



Duct



High Static Pressure Duct



District Cooling Duct



Duct

Various Selections >>

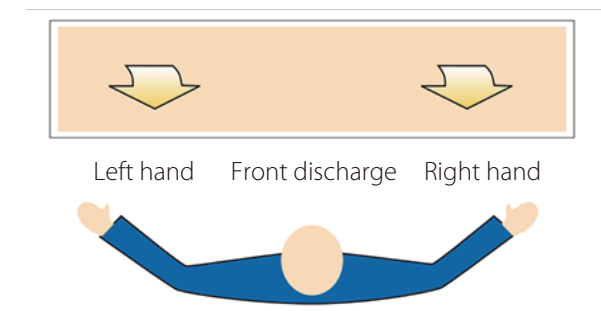
- ❖ Versions for 2/4 pipe systems.
- ❖ Versions for normal/large temperature difference systems.
- ❖ 2, 3 or 4 rows coil for 2-pipe systems.
- ❖ Large range of available static pressure.
- ❖ Wired controller is optional.
- ❖ Four fan speeds are available: low, medium, high and one reserved for more choice.

High Efficiency >>

- ❖ Highly efficient heat exchange for complete counterflow.

Flexible Installation >>

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



Standard Return Air Plenum and Filter >>

- ❖ Standard return air plenum and filter guarantees clean air supply and stable air flow rate.

Fresh Air Intake >>

- ❖ Fresh air can enter through the duct unit so you can enjoy even fresher air in a room.



2-Row Duct



Model		Non-AEH	MKT2-200G12 MKT2-200G30	MKT2-300G12 MKT2-300G30	MKT2-400G12 MKT2-400G30	MKT2-500G12 MKT2-500G30	MKT2-600G12 MKT2-600G30
		With-AEH	MKT2-200EG30	MKT2-300EG30	MKT2-400EG30	MKT2-500EG30	MKT2-600EG30
Power supply		V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)		m ³ /h	340/255/170	510/385/255	680/510/340	850/640/425	1020/765/510
		CFM	200/150/100	300/225/150	400/300/200	500/375/250	600/450/300
Standard external static pressure		Pa	G12 models: 12; G30 models: 30				
Cooling	Capacity (H/M/L)	kW	2/1.74/1.52	2.7/2.31/2.03	3.6/3.11/2.66	4.4/3.74/3.25	5.5/4.58/4.09
	Water flow rate	l/h	344	464	619	757	946
	Water pressure drop	kPa	5	11	19	22	14
Heating	Capacity (H/M/L)	kW	3.2/2.75/2.37	4.3/3.74/3.23	5.4/4.64/4.05	6.8/5.78/5.07	8.1/6.77/5.92
	Water pressure drop	kPa	4.2	9.5	15.5	18.3	11.8
Power input	12Pa (H/M/L)	W	31/25/22	50/40/35	60/48/42	80/64/56	97/78/68
	30Pa (H/M/L)	W	45/36/32	60/48/42	67/54/47	89/71/62	110/88/77
Auxiliary electric heater (AEH)		W	550	650	1100	1100	1600
Sound pressure level	12Pa (H/M/L)	dB(A)	36/34/29	38/33/29	38/35/31	39/36/32	40/36/33
	30Pa (H/M/L)	dB(A)	41/37/31	41/37/32	42/39/33	45/41/34	46/41/35
Fan motor	Type	Low noise 3-speed fan motor					
	Quantity	1					
Fan	Type	Centrifugal, forward-curved blades					
	Quantity		1	2	2	2	2
Coil	Row		2				
	Max. working pressure	MPa	1.6				
	Diameter	mm	Φ9.52				
Net dimensions (WxHxD)		mm	741×241×522	841×241×522	941×241×522	941×241×522	1161×241×522
Packing size (WxHxD)		mm	790×260×550	890×260×550	990×260×550	990×260×550	1210×260×550
Net weight (non-AEH/with-AEH)		kg	13.9/15.4	16.5/18	19.2/20.7	19.2/20.7	22/24
Gross weight (non-AEH/with-AEH)		kg	16.2/17.7	19/20.5	21.6/23.1	21.6/23.1	25/27
Water inlet/outlet pipe		Inch	RC3/4				
Drain pipe		mm	R3/4				

Model		Non-AEH	MKT2-800G12 MKT2-800G30	MKT2-1000G12 MKT2-1000G30	MKT2-1200G12 MKT2-1200G30	MKT2-1400G12 MKT2-1400G30
		With-AEH	MKT2-800EG30	MKT2-1000EG30	MKT2-1200EG30	MKT2-1400EG30
Power supply		V/Ph/Hz	220-240/1/50			
Air flow (H/M/L)		m ³ /h	1360/1020/680	1700/1275/850	2040/1530/1020	2380/1785/1190
		CFM	800/600/400	1000/750/500	1200/900/600	1400/1050/700
Standard external static pressure		Pa	G12 models: 12; G30 models: 30			
Cooling	Capacity (H/M/L)	kW	7.5/6.33/5.68	8.9/7.61/6.41	10.8/9.13/7.93	12.3/10.46/9.27
	Water flow rate	l/h	1290	1531	1858	2116
	Water pressure drop	kPa	14	22	39	46
Heating	Capacity (H/M/L)	kW	11/9.48/8.25	13.5/11.72/10.03	16.5/14.05/12.24	19.5/16.85/14.63
	Water pressure drop	kPa	12.5	19	32.6	40.1
Power input	12Pa (H/M/L)	W	140/112/98	172/138/120	205/164/144	216/173/151
	30Pa (H/M/L)	W	130/104/91	171/137/120	212/170/148	249/200/174
Auxiliary electric heater (AEH)		W	2200	2200	3200	3200
Sound pressure level	12Pa (H/M/L)	dB(A)	42/37/33	44/39/34	46/40/35	48/42/37
	30Pa (H/M/L)	dB(A)	46/41/36	47/43/37	48/44/38	49/44/39
Fan motor	Type	Low noise 3-speed fan motor				
	Quantity	2				
Fan	Type	Centrifugal, forward-curved blades				
	Quantity	4				
Coil	Row		2			
	Max. working pressure	MPa	1.6			
	Diameter	mm	Φ9.52			
Net dimensions (WxHxD)		mm	1461×241×522	1566×241×522	1856×241×522	2022×241×522
Packing size (WxHxD)		mm	1510×260×550	1615×260×550	1905×260×550	2070×260×550
Net weight (non-AEH/with-AEH)		kg	30.9/33.4	33.4/36.4	38.5/42	42.1/46.1
Gross weight (non-AEH/with-AEH)		kg	34.5/37	37/40	42/45.5	47.5/51.5
Water inlet/outlet pipe		Inch	RC3/4			
Drain pipe		mm	R3/4			

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. The data are test under standard external static pressure.
3. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 50°C, entering air temperature 20°C DB, the same water flow as the cooling conditions.
4. Noise is tested in a semi-anechoic test room.

3-Row Duct



Model		Non-AEH	MKT3-200G12 MKT3-200G30	MKT3-300G12 MKT3-300G30	MKT3-400G12 MKT3-400G30	MKT3-500G12 MKT3-500G30	MKT3-600G12 MKT3-600G30
		With-AEH	MKT3-200EG30	MKT3-300EG30	MKT3-400EG30	MKT3-500EG30	MKT3-600EG30
Power supply		V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)		m ³ /h	340/255/170	510/385/255	680/510/340	850/640/425	1020/765/510
		CFM	200/150/100	300/225/150	400/300/200	500/375/250	600/450/300
Standard external static pressure		Pa	G12 models: 12; G30 models: 30				
Cooling	Capacity (H/M/L)	kW	2.2/1.9/1.68	3.1/2.7/2.3	4/3.4/2.95	4.6/3.96/3.45	5.8/4.88/4.45
	Water flow rate	l/h	378	533	688	791	998
	Water pressure drop	kPa	14	26	18	24	36
Heating	Capacity (H/M/L)	kW	3.5/3.08/2.59	5.3/4.61/3.98	6.8/5.85/5.1	7.9/6.95/6	9.8/8.6/7.4
	Water pressure drop	kPa	10.5	21.8	16.9	22.3	31.6
Power input	12Pa (H/M/L)	W	33/25/22	53/41/35	66/53/48	87/53/44	100/65/55
	30Pa (H/M/L)	W	49/37/33	64/49/42	75/61/54	93/56/47	114/74/63
Auxiliary electric heater (AEH)		W	550	650	1100	1100	1600
Sound pressure level	12Pa (H/M/L)	dB(A)	35/32/26	36/33/27	37/34/28	40/36/30	42/38/32
	30Pa (H/M/L)	dB(A)	41/37/31	42/38/32	43/39/33	44/40/34	45/41/35
Fan motor	Type	Low noise 3-speed fan motor					
	Quantity	1					
Fan	Type	Centrifugal, forward-curved blades					
	Quantity		1	2	2	2	2
Coil	Row		3				
	Max. working pressure	MPa	1.6				
	Diameter	mm	Φ9.52				
Net dimensions (WxHxD)		mm	741×241×522	841×241×522	941×241×522	941×241×522	1161×241×522
Packing size (WxHxD)		mm	790×260×550	890×260×550	990×260×550	990×260×550	1210×260×550
Net weight (non-AEH/with-AEH)		kg	14.6/16.1	17/18.5	20.2/21.7	20.2/21.7	23/25
Gross weight (non-AEH/with-AEH)		kg	16.9/18.4	19.5/21	22.6/24.1	22.6/24.1	26/28
Water inlet/outlet pipe		Inch	RC3/4				
Drain pipe		mm	R3/4				

Model		Non-AEH	MKT3-800G12 MKT3-800G30	MKT3-1000G12 MKT3-1000G30	MKT3-1200G12 MKT3-1200G30	MKT3-1400G12 MKT3-1400G30
		With-AEH	MKT3-800EG30	MKT3-1000EG30	MKT3-1200EG30	MKT3-1400EG30
Power supply		V/Ph/Hz	220-240/1/50			
Air flow (H/M/L)		m ³ /h	1360/1020/680	1700/1275/850	2040/1530/1020	2380/1785/1190
		CFM	800/600/400	1000/750/500	1200/900/600	1400/1050/700
Standard external static pressure		Pa	G12 models: 12; G30 models: 30			
Cooling	Capacity (H/M/L)	kW	8.2/6.88/6.25	9/7.8/6.57	11/9.8/8.35	12.5/10.8/9.44
	Water flow rate	l/h	1410	1548	1892	2150
	Water pressure drop	kPa	39	32	39	45
Heating	Capacity (H/M/L)	kW	13.6/11.97/10.2	16/14.24/12	20.1/18.27/15.43	21/18.7/15.75
	Water pressure drop	kPa	33.8	30.7	34.6	40.1
Power input	12Pa (H/M/L)	W	145/121/108	180/114/97	210/140/120	222/179/155
	30Pa (H/M/L)	W	154/129/114	180/114/97	220/147/126	278/224/194
Auxiliary electric heater (AEH)		W	2200	2200	3200	3200
Sound pressure level	12Pa (H/M/L)	dB(A)	43/39/33	45/41/35	46/42/36	48/44/38
	30Pa (H/M/L)	dB(A)	46/42/36	47/43/37	48/44/38	49/45/39
Fan motor	Type	Low noise 3-speed fan motor				
	Quantity	2				
Fan	Type	Centrifugal, forward-curved blades				
	Quantity	4				
Coil	Row		3			
	Max. working pressure	MPa	1.6			
	Diameter	mm	Φ9.52			
Net dimensions (WxHxD)		mm	1461×241×522	1566×241×522	1856×241×522	2022×241×522
Packing size (WxHxD)		mm	1510×260×550	1615×260×550	1905×260×550	2070×260×550
Net weight (non-AEH/with-AEH)		kg	31.9/34.4	34.4/37.4	39.5/43	43.1/47.1
Gross weight (non-AEH/with-AEH)		kg	35.5/38	38.1/41.1	43/46.5	48.4/52.4
Water inlet/outlet pipe		Inch	RC3/4			
Drain pipe		mm	R3/4			

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. The data are test under standard external static pressure.
3. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 50°C, entering air temperature 20°C DB, the same water flow as the cooling conditions.
4. Noise is tested in a semi-anechoic test room.

4-Row Duct



Model		MKT4-200G30	MKT4-300G30	MKT4-400G30	MKT4-500G30	MKT4-600G30	MKT4-800G30
Power supply		V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m³/h	340/255/170	510/385/255	680/510/340	850/640/425	1020/765/510	1360/1020/680
	CFM	200/150/100	300/225/150	400/300/200	500/375/250	600/450/300	800/600/400
Standard external static pressure		Pa	30				
Cooling	Capacity (H/M/L)	kW	2.5/2.16/1.87	3.3/2.85/2.47	4.4/3.72/3.22	4.8/4.18/3.64	6.2/5.38/4.65
	Water flow rate	l/h	430	568	757	826	1066
	Water pressure drop	kPa	2.6	5	8.1	9.8	15.4
Heating	Capacity (H/M/L)	kW	4.1/3.51/3.03	5.8/5.05/4.35	7.1/6.11/5.33	8.5/7.04/6.28	10.5/9.03/7.77
	Water pressure drop	kPa	2.2	4.2	6.9	8.1	12.7
Power input (H/M/L)		W	50/40/35	65/52/46	80/64/56	98/78/69	110/88/77
Sound pressure level		dB(A)	37/33/27	38/34/28	38/35/29	40/35/30	41/36/31
Fan motor	Type	Low noise 3-speed fan motor					
	Quantity	11112					
Fan	Type	Centrifugal, forward-curved blades					
	Quantity	12224					
Coil	Row	4					
	Max. working pressure	MPa	1.6				
	Diameter	mm	Ø9.52				
Net dimensions (WxHxD)		mm	741x241x522	841x241x522	941x241x522	1161x241x522	1461x241x522
Packing size (WxHxD)		mm	790x260x550	890x260x550	990x260x550	1210x260x550	1510x260x550
Net weight		kg	15.3	17.5	20.7	23.5	32.9
Gross weight		kg	17.6	20	23.1	26.5	36.5
Water inlet/outlet pipe		Inch	RC3/4				
Drain pipe		mm	R3/4				

Model		MKT4-1000G30	MKT4-1200G30	MKT4-1400G30	MKT4-1500	MKT4-2000
Power supply		V/Ph/Hz	220-240/1/50			
Air flow (H/M/L)	m³/h	1700/1275/850	2040/1530/1020	2380/1785/1190	2550/2100/1300	3400/2550/1700
	CFM	1000/750/500	1200/900/600	1400/1050/700	1500/1240/760	2000/1500/1000
Standard external static pressure		Pa	30	30	30	30
Cooling	Capacity (H/M/L)	kW	9.5/8.18/7.06	11.8/9.82/8.74	13/11.23/9.83	13.5/11.5/10.1
	Water flow rate	l/h	1634	2030	2236	2322
	Water pressure drop	kPa	18	21.2	24.7	11.5
Heating	Capacity (H/M/L)	kW	16.3/13.45/12.05	16.5/14.05/12.23	17/14.31/12.69	17.5/14.9/13.2
	Water pressure drop	kPa	15.4	17.6	20.8	10
Power input (H/M/L)		W	180/144/126	220/176/154	275/220/193	236/189/165
Sound pressure level		dB(A)	44/39/33	45/40/34	47/42/36	48/44/39
Fan motor	Type	Low noise 3-speed fan motor				
	Quantity	22211				
Fan	Type	Centrifugal, forward-curved blades				
	Quantity	4423				
Coil	Row	4				
	Max. working pressure	MPa	1.6			
	Diameter	mm	Ø9.52			
Net dimensions (WxHxD)		mm	1566x241x522	1856x241x522	2022x241x522	1369x342x612
Packing size (WxHxD)		mm	1615x260x550	1905x260x550	2070x260x550	1421x381x619
Net weight		kg	35.4	40.5	44.1	46
Gross weight		kg	39.1	44	49.4	49.8
Water inlet/outlet pipe		Inch	RC3/4			
Drain pipe		mm	R3/4			

- Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
 2. The data are test under standard external static pressure.
 3. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 50°C, entering air temperature 20°C DB, the same water flow as the cooling conditions.
 4. Noise is tested in a semi-anechoic test room.

A4 Type Duct



Model		MKT3-800G50-A4	MKT4-800G50-A4	MKT3-1000G50-A4	MKT4-1000G50-A4
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)	m³/h	1500/1412/1265	1400/1342/1200	1700/1664/1554	1650/1527/1405
	CFM	882/831/745	824/790/706	1000/980/915	970/900/827
Standard external static pressure		Pa	50		
Cooling	Capacity (H/M/L)	kW	6.97/6.66/6.28	7.92/7.56/7.09	7.77/7.58/7.33
	Water flow rate	l/h	1198	1363	1336
	Water pressure drop	kPa	19.0	13.5	24.5
Heating	Capacity (H/M/L)	kW	9.57/9.09/8.43	10.42/9.89/9.12	10.61/10.25/9.82
	Water pressure drop	kPa	16.9	39.7	21.1
Power input (H/M/L)		W	151/130/111	144/124/105	174/147/130
Sound pressure level		dB(A)	49.7/47.8/45.6	48.4/47.9/46.6	50.1/48/45.8
Fan motor	Type	Low noise 3-speed fan motor			
	Quantity	1			
Fan	Type	Centrifugal, forward-curved blades			
	Quantity	2			
Coil	Row	3	4	3	4
	Max. working pressure	MPa	1.6		
	Diameter	mm	Ø9.52		
Net dimensions (WxHxD)		mm	1180x340x612		
Packing size (WxHxD)		mm	1310x380x693		
Net weight		kg	38.3	39.3	39.8
Gross weight		kg	47.2	47	48.6
Water inlet/outlet pipe		Inch	RC3/4		
Drain pipe		mm	R3/4		

Model		MKT4-1200G50-A4	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	2040/1851/1666	2420/1851/1666	2430/1917/1742	3380/2239/1878	3670/2544/2199
	CFM	1200/1090/981	1424/1090/981	1431/1128/1025	1990/1318/1105	2160/1497/1294
Standard external static pressure		Pa	50			
Cooling	Capacity (H/M/L)	kW	10.8/10.17/9.55	12.14/10.17/9.55	12.19/10.54/9.87	16.16/12.35/11.01
	Water flow rate	l/h	1890	2089	2096	2779
	Water pressure drop	kPa	27.8	32.5	33.4	58.3
Heating	Capacity (H/M/L)	kW	14.3/13.23/12.22	16.08/13.23/12.22	16.55/13.83/12.9	21.7/15.79/13.91
	Water pressure drop	kPa	24.8	29.2	30.0	52.3
Power input (H/M/L)		W	320/284/250	392/284/250	482/338/296	538/358/308
Sound pressure level		dB(A)	50.9/50/48.5	51.7/50/49.5	52.9/50.7/50	53.6/51.1/50.2
Fan motor	Type	Low noise 3-speed fan motor				
	Quantity	1				
Fan	Type	Centrifugal, forward-curved blades				
	Quantity	2	2	2	3	3
Coil	Row	4				
	Max. working pressure	MPa	1.6			
	Diameter	mm	Ø9.52			
Net dimensions (WxHxD)		mm	1369x340x612	1369x340x612	1369x340x612	1500x340x612
Packing size (WxHxD)		mm	1490x380x693	1490x380x693	1490x380x693	1620x380x693
Net weight		kg	46.3	46.3	46.3	54.8
Gross weight		kg	56.4	56.4	56.4	64.6
Water inlet/outlet pipe		Inch	RC3/4			
Drain pipe		mm	R3/4			

- Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
 2. The data are test under standard external static pressure.
 3. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 50°C, entering air temperature 20°C DB, the same water flow as the cooling conditions.
 4. Noise is tested in a semi-anechoic test room.

High Static Pressure Duct



Model		Non-AEH With-AEH	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			
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	l/h	1135	1514	1720	2064
	Water pressure drop	kPa	8	24	24	36
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 pressure drop	kPa	8.4	25	23.4	34.2
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				
Fan	Type	Centrifugal, forward-curved blades				
	Quantity	1				
Coil	Row		2	3	3	4
	Max. working pressure	MPa	1.6			
	Diameter	mm	Φ9.52			
Net dimensions (WxHxD)		mm	946x400x816			
Packing size (non-AEH/with-AEH)(WxHxD)		mm	Left connection: 1075x480x857/1075x480x925 Right connection: 1015x480x857/1015x480x925			
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			
Drain pipe		mm	R3/4			

Model		Non-AEH With-AEH	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		
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	l/h	2425	2718	3423
	Water pressure drop	kPa	52	90	130
Heating	Capacity (H/M/L)	kW	21.2/18.23/15.69	23.8/20.94/17.85	30/26.7/22.5
	Water pressure drop	kPa	51	85	121
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			
Fan	Type	Centrifugal, forward-curved blades			
	Quantity	2			
Coil	Row		3		
	Max. working pressure	MPa	1.6		
	Diameter	mm	Φ9.52		
Net dimensions (WxHxD)		mm	1290x400x809		
Packing size (non-AEH/with-AEH)(WxHxD)		mm	Left connection: 1448x460x877/1448x460x950 Right connection: 1383x422x877/1368x460x950		
Net weight (non-AEH/with-AEH)		kg	76/82		
Gross weight (non-AEH/with-AEH)		kg	83/89		
Water inlet/outlet pipe		Inch	RC3/4		
Drain pipe		mm	R3/4		

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. The data are test under standard external static pressure.
3. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
 Heating conditions: entering water 50°C, entering air temperature 20°C DB, the same water flow as the cooling conditions.
4. Noise is tested in a semi-anechoic test room.

District Cooling Duct



Model			MKS4-200G30	MKS4-300G30	MKS4-400G30	MKS4-500G30	MKS4-600G30	MKS4-800G50-A4
Power supply		V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)		m³/h	430/380/340	600/540/480	700/630/520	900/810/720	1160/1040/930	1400/1342/1200
		CFM	253/224/200	353/318/282	412/370/305	530/476/424	682/612/547	824/789/705
Standard external static pressure		Pa	30	30	30	30	30	50
Cooling	Capacity (H/M/L)	kW	2.05/1.742/1.55	2.61/2.21/1.98	4.03/3.42/3.06	4.57/3.88/3.47	6.39/5.43/4.85	6.93/5.89/5.26
	Water flow rate	l/h	196	249	385	437	610.6	662
	Water pressure drop	kPa	10	10	21	25	53.8	13.3
Power input (H/M/L)		W	47/38/33	65/52/46	78/62/55	92/74/64	116/93/81	144/115/101
Sound pressure level		dB(A)	38/33/27	39/34/28	39/35/29	41/35/30	42/36/31	48/47/46
Fan motor	Type	Low noise 3-speed fan motor						
	Quantity	1						
Fan	Type	Centrifugal, forward-curved blades						
	Quantity	1	2	2	2	2	2	
Coil	Row	4						
	Max. working pressure	MPa	1.6					
	Diameter	mm	Φ9.52					
Net dimensions (WxHxD)		mm	741x241x522	841x241x522	941x241x522	941x241x522	1161x241x522	1180x340x612
Packing size (WxHxD)		mm	790x260x550	890x260x550	990x260x550	990x260x550	1210x260x550	1310x380x693
Net weight		kg	15.3	17.5	20.7	20.7	23.5	39.3
Gross weight		kg	17.6	20	23.1	23.1	26.5	47
Water inlet/outlet pipe		Inch	RC3/4					
Drain pipe		mm	R3/4					

Model			MKS4-1000G50-A4	MKS4-1200G50-A4	MKS4-1400G50-A4	MKS4-1600G50-A4	MKS4-1800G50-A4	MKS4-2000G50-A4
Power supply		V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)		m³/h	1650/1527/1405	2040/1851/1666	2420/1850/1657	2580/2320/2060	3380/2239/1878	3660/2544/2199
		CFM	970/898/826	1200/1089/980	1424/1088/975	1518/1365/1212	1988/1317/1105	2153/1496/1295
Standard external static pressure		Pa	50	50	50	50	50	50
Cooling	Capacity (H/M/L)	kW	7.57/6.43/5.75	10.11/8.59/7.68	11.5/9.7/8.74	11.74/9.97/8.92	14.74/12.52/11.2	16.1/13.68/12.23
	Water flow rate	l/h	723	966	1099	1122	1408	1538
	Water pressure drop	kPa	16.3	21	25.3	27.8	37.9	48.1
Power input (H/M/L)		W	176/141/123	320/256/224	392/314/274	482/386/337	538/430/376	583/466/408
Sound pressure level		dB(A)	49/48/47	51/50/48	52/50/49	53/51/50	54/51/50	54/52/51
Fan motor	Type	Low noise 3-speed fan motor						
	Quantity	1						
Fan	Type	Centrifugal, forward-curved blades						
	Quantity	2	2	2	2	3	3	
Coil	Row	4						
	Max. working pressure	MPa	1.6					
	Diameter	mm	Φ9.52					
Net dimensions (WxHxD)		mm	1180x340x612	1369x340x612	1369x340x612	1369x340x612	1500x340x612	1500x340x612
Packing size (WxHxD)		mm	1310x380x693	1490x380x693	1490x380x693	1490x380x693	1620x380x693	1620x380x693
Net weight		kg	40.8	46.3	46.3	46.3	54.8	54.8
Gross weight		kg	49.6	56.4	56.4	56.4	64.6	64.6
Water inlet/outlet pipe		Inch	RC3/4					
Drain pipe		mm	R3/4					

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

4-Pipe Duct



Model			MKT3-200FG12 MKT3-200FG30	MKT3-300FG12 MKT3-300FG30	MKT3-400FG12 MKT3-400FG30	MKT3-500FG12 MKT3-500FG30	MKT3-600FG12 MKT3-600FG30
Power supply		V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)		m³/h	340/255/170	510/385/255	680/510/340	850/640/425	1020/765/510
		CFM	200/150/100	300/225/150	400/300/200	500/375/250	600/450/300
Standard external static pressure		Pa	G12 models: 12; G30 models: 30				
Cooling	Capacity (H/M/L)	kW	2/1.76/1.52	2.7/2.35/2.13	3.6/3.15/2.76	4.3/3.74/3.32	5/4.32/3.84
	Water flow rate	l/h	344	464	619	740	860
	Water pressure drop	kPa	7.6	14.4	8.2	9.5	17.2
Heating	Capacity (H/M/L)	kW	3/2.64/2.22	4/3.48/3	5.2/4.47/3.9	5.7/5.02/4.33	7.2/6.19/5.33
	Water flow rate	l/h	258	344	447	490	619
	Water pressure drop	kPa	6.8	12.5	23.5	24.0	40.7
Power input	12Pa (H/M/L)	W	33/26/23	53/38/31	66/48/42	87/54/44	100/67/56
	30Pa (H/M/L)	W	49/39/34	64/50/42	75/55/48	96/58/48	114/76/64
Sound pressure level	12Pa (H/M/L)	dB(A)	35/32/26	36/33/27	37/34/28	40/36/30	42/38/32
	30Pa (H/M/L)	dB(A)	41/37/31	42/38/32	43/39/33	44/40/34	45/41/35
Fan motor	Type		Low noise 3-speed fan motor				
	Quantity		1				
Fan	Type		Centrifugal, forward-curved blades				
	Quantity		1	2	2	2	2
Coil	Row		3				
	Max. working pressure	MPa	1.6				
	Diameter	mm	Ø9.52				
Net dimensions (W×H×D)		mm	741×241×522	841×241×522	941×241×522	941×241×522	1161×241×522
Packing size (W×H×D)		mm	790×260×550	890×260×550	990×260×550	990×260×550	1210×260×550
Net weight		kg	15.1	17.5	20.7	20.7	23.5
Gross weight		kg	17.4	20	23.1	23.1	26.5
Water inlet/outlet pipe		Inch	RC3/4				
Drain pipe		mm	R3/4				

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. The data are test under standard external static pressure.
3. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 70°C, temperature drop 10°C DB, entering air temperature 20°C DB.
4. Noise is tested in a semi-anechoic test room.

4-Pipe Duct



Model			MKT3-800FG12 MKT3-800FG30	MKT3-1000FG12 MKT3-1000FG30	MKT3-1200FG12 MKT3-1200FG30	MKT3-1400FG12 MKT3-1400FG30
Power supply		V/Ph/Hz	220-240/1/50			
Air flow (H/M/L)		m³/h	1360/1020/680	1700/1275/850	2040/1530/1020	2380/1785/1190
		CFM	800/600/400	1000/750/500	1200/900/600	1400/1050/700
Standard external static pressure		Pa	G12 models: 12; G30 models: 30			
Cooling	Capacity (H/M/L)	kW	6.8/5.78/5.11	7.8/6.74/5.88	10.2/8.89/7.85	11.5/9.9/8.86
	Water flow rate	l/h	1170	1342	1754	1978
	Water pressure drop	kPa	18.8	30.0	40.3	51.9
Heating	Capacity (H/M/L)	kW	9.6/8.45/7.2	10.8/9.61/8.1	13.5/12.15/10.26	15.5/13.48/11.78
	Water flow rate	l/h	826	929	1161	1333
	Water pressure drop	kPa	20.7	34.7	28.6	55.2
Power input	12Pa (H/M/L)	W	145/130/111	180/104/88	210/140/123	222/201/182
	30Pa (H/M/L)	W	154/132/113	193/114/97	230/157/131	278/262/228
Sound pressure level	12Pa (H/M/L)	dB(A)	43/39/33	45/41/35	46/42/36	48/44/38
	30Pa (H/M/L)	dB(A)	46/42/36	47/43/37	48/44/38	49/45/39
Fan motor	Type	Low noise 3-speed fan motor				
	Quantity	2				
Fan	Type	Centrifugal, forward-curved blades				
	Quantity	4				
Coil	Row	3				
	Max. working pressure	MPa	1.6			
	Diameter	mm	Ø9.52			
Net dimensions (WxHxD)		mm	1461×241×522	1566×241×522	1856×241×522	2022×241×522
Packing size (WxHxD)		mm	1510×260×550	1615×260×550	1905×260×550	2070×260×550
Net weight		kg	32.4	34.9	40	43.6
Gross weight		kg	36	38.6	43.5	48.9
Water inlet/outlet pipe		Inch	RC3/4			
Drain pipe		mm	R3/4			

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. The data are test under standard external static pressure.
3. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 70°C, temperature drop 10°C DB, entering air temperature 20°C DB.
4. Noise is tested in a semi-anechoic test room.

Wall Mounted

C Type Panel



S Type Panel

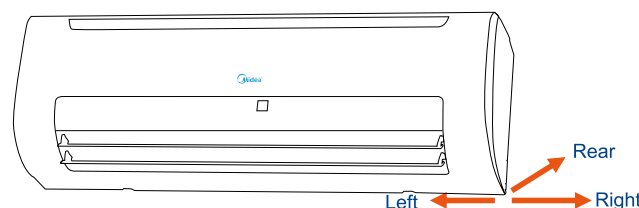


Stylish Panel >>

- ❖ Stylish front panel blends easily within any interior décor, ideal for use in shops, restaurants or offices with no or narrow false ceilings.

Convenient Installation >>

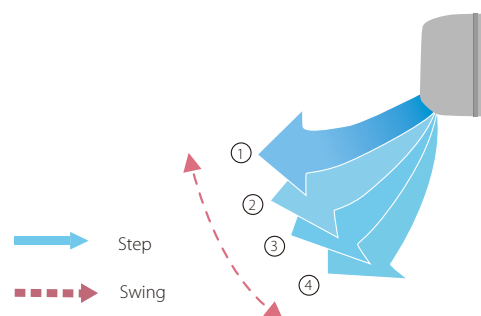
- ❖ Multi-directional outlet pipe feature: left\right\rear, to meet the needs of different rooms.



Built-in 3-Way Electromagnetic Valve >>

Auto Swing Louver >>

- ❖ The Auto Swing Louver function ensures that the air direction corresponds to the mode selected.



Easy Maintenance >>

- ❖ Removable front panel making maintenance convenient.



Wall Mounted (C Panel)



Model			MKG-250	MKG-300	MKG-400	MKG-500	MKG-600
Power supply		V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)		m³/h	425/360/320	510/430/380	680/580/510	850/720/640	1020/870/770
		CFM	250/210/190	300/250/220	400/340/300	500/420/380	600/510/450
Cooling	Capacity (H/M/L)	kW	2.2/1.84/1.65	2.64/2.24/2.05	3.08/2.62/2.27	4.07/3.73/3.24	4.45/4.18/3.74
	Water flow rate	l/h	378	454	530	700	765
	Water pressure drop	kPa	12	18	22	26	29
Heating	Capacity (H/M/L)	kW	3.02/2.6/2.23	3.69/3.25/2.77	4.34/3.86/3.25	5.69/5.12/4.32	6.3/5.67/4.73
	Water pressure drop	kPa	10	16.4	20.8	25.1	27.9
Power input (H/M/L)		W	28/22/20	40/32/28	44/35/31	50/40/35	60/48/42
Sound pressure level		dB(A)	30/24/20	35/29/24	37/31/26	39/33/28	40/34/29
Fan motor	Type	Low noise 3-speed fan motor					
	Quantity	1					
Fan	Type	Tangential fan					
	Quantity	1					
Coil	Row	2					
	Max. working pressure	MPa	1.6				
	Diameter	mm	Ø7				
Net dimensions (WxHxD)		mm	915x290x210	915x290x210	915x290x210	1070x315x210	1070x315x210
Packing size (WxHxD)		mm	1020x385x300	1020x385x300	1020x385x300	1180x410x300	1180x410x300
Net weight		kg	12	12	12	15	15
Gross weight		kg	16	16.7	17	19	19
Water inlet/outlet pipe		Inch	G3/4				
Drain pipe		mm	ODØ20				



Wall Mounted (S Panel)

Model			MKG-250-B	MKG-300-B	MKG-400-B	MKG-500-B	MKG-600-B
Power supply		V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)		m³/h	425/390/350	510/470/390	680/550/460	850/745/620	1020/915/780
		CFM	250/230/205	300/275/230	400/325/270	500/440/365	600/540/460
Cooling	Capacity (H/M/L)	kW	2.63/2.41/2.16	2.97/2.47/2.12	3.28/2.83/2.41	4.25/3.85/3.32	5/4.47/3.97
	Water flow rate	l/h	452	511	564	731	860
	Water pressure drop	kPa	29.4	35.6	43.5	31.8	42.5
Heating	Capacity (H/M/L)	kW	3.36/3.1/2.79	3.91/3.26/2.77	4.37/3.73/3.17	5.81/5.17/4.43	6.7/6/5.28
	Water pressure drop	kPa	27.3	32.9	40.8	30.2	39.7
Power input (H/M/L)		W	24/19/17	37/29/26	40/32/28	50/40/35	66/53/46
Sound pressure level		dB(A)	30/24/20	35/29/24	37/31/26	39/33/28	40/34/29
Fan motor	Type	Low noise 3-speed fan motor					
	Quantity	1					
Fan	Type	Tangential fan					
	Quantity	1					
Coil	Row	2					
	Max. working pressure	MPa	1.6				
	Diameter	mm	Ø7				
Net dimensions (WxHxD)		mm	915x290x230	915x290x230	915x290x230	1072x315x230	1072x315x230
Packing size (WxHxD)		mm	1020x390x315	1020x390x315	1020x390x315	1180x415x315	1180x415x315
Net weight		kg	13	13	13.3	15.8	15.8
Gross weight		kg	16.3	16.3	16.7	19.4	19.4
Water inlet/outlet pipe		Inch	G3/4				
Drain pipe		mm	ODØ20				

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 50°C, entering air temperature 20°C DB, the same water flow as the cooling conditions.
3. Noise is tested in a semi-anechoic test room.

Floor Standing / Ceiling & Floor

Concealed Type
F3/H3 Series



Exposed Type
(air return from side)
F4/H4 Series



Exposed Type
(air return from bottom)
F5/H5 Series



Flexible Installation >>

- ❖ Cabinet and concealed versions meet various installation requirements.
- ❖ Horizontal or vertical installation.



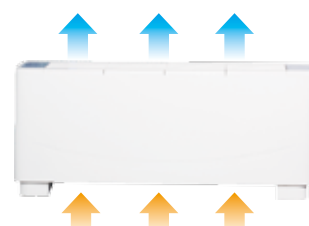
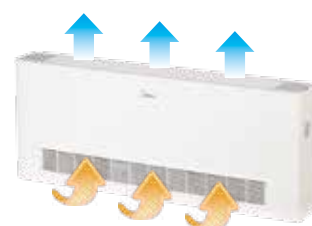
Floor installation



Ceiling installation

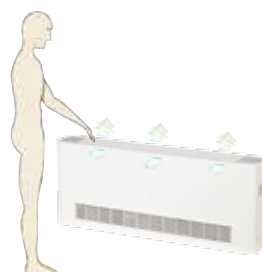
Flexible Air Return Type >>

- ❖ Air can return from front or bottom of the unit.



Removable Louver >>

- ❖ Removable louver for easy maintenance.



Floor Standing

Model		MKF3-150 MKF4-150 MKF5-150	MKF3-250 MKF4-250 MKF5-250	MKF3-300 MKF4-300 MKF5-300	MKF3-400 MKF4-400 MKF5-400
Power supply	V/Ph/Hz	220-240/1/50			
Air flow (H/M/L)	m³/h	255/215/190	425/360/320	510/430/380	680/580/510
	CFM	150/125/110	250/210/190	300/250/220	400/340/300
Cooling	Capacity (H/M/L)	kW	1.15/0.93/0.89	1.87/1.74/1.59	2.53/2.25/1.88
	Water flow rate	l/h	198	322	435
	Water pressure drop	kPa	18.3	10.1	14.2
Heating	Capacity (H/M/L)	kW	2.54/2.24/1.88	4.17/3.36/3.13	5.64/4.85/4.23
	Water flow rate	l/h	16	8.8	13.7
	Water pressure drop	kPa	16	8.8	13.7
Power input (H/M/L)	W	27/22/19	29/23/20	40/32/28	46/37/32
Sound pressure level	F3 (H/M/L)	dB(A)	30/27/24	33/30/28	35/32/30
	F4 (H/M/L)	dB(A)	32/29/26	35/32/30	37/34/32
	F5 (H/M/L)	dB(A)	30/27/24	33/30/28	35/32/30
Fan motor	Type	Low noise 3-speed fan motor			
	Quantity	1			
Fan	Type	Centrifugal, forward-curved blades			
	Quantity	1			
Coil	Row	3	3	2	2
	Max. working pressure	MPa			
	Diameter	mm			
Body (F3 series)	Net dimensions (WxHxD)	mm	550x545x212	550x545x212	750x545x212
	Packing size (WxHxD)	mm	639x639x305	639x639x305	839x639x305
	Net weight	kg	17	17	20
	Gross weight	kg	19	19	23.5
Body (F4/F5 series)	Net dimensions (WxHxD)	mm	800x592x225	800x592x225	1000x592x225
	Packing size (WxHxD)	mm	889x683x312	889x683x312	1089x683x312
	Net weight	kg	22.5/22.5	22.5/22.5	26/26
	Gross weight	kg	26.5/26.5	26.5/26.5	31/31
Water inlet/outlet pipe	Inch	G3/4			
Drain pipe	mm	ODΦ16			

Model		MKF3-450 MKF4-450 MKF5-450	MKF3-500 MKF4-500 MKF5-500	MKF3-600 MKF4-600 MKF5-600	MKF3-800 MKF4-800 MKF5-800	MKF3-900 MKF4-900 MKF5-900
Power supply	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m³/h	765/650/570	850/720/640	1020/870/765	1360/1160/1020	1530/1300/1150
	CFM	450/380/335	500/420/375	600/510/450	800/680/600	900/760/675
Cooling	Capacity (H/M/L)	kW	3.97/3.58/3.15	4.85/4.41/3.72	5.64/5.02/4.46	6.52/5.75/4.36
	Water flow rate	l/h	683	834	970	1121
	Water pressure drop	kPa	23.1	20	11.4	21
Heating	Capacity (H/M/L)	kW	8.85/7.61/6.55	10.28/9.05/7.71	12.24/10.89/9.18	15.35/13.82/11.67
	Water flow rate	l/h	22	17.4	10	20.2
	Water pressure drop	kPa	22	17.4	10	20.2
Power input (H/M/L)	W	39/31/27	49/39/34	63/50/44	88/70/62	137/109/96
Sound pressure level	F3 (H/M/L)	dB(A)	39/36/34	41/38/36	42/39/37	44/41/38
	F4 (H/M/L)	dB(A)	41/38/36	43/40/38	44/41/39	46/43/40
	F5 (H/M/L)	dB(A)	39/36/34	41/38/36	42/39/37	44/41/38
Fan motor	Type	Low noise 3-speed fan motor				
	Quantity	1				
Fan	Type	Centrifugal, forward-curved blades				
	Quantity	1				
Coil	Row	3	3	3	3	3
	Max. working pressure	MPa				
	Diameter	mm				
Body (F3 series)	Net dimensions (WxHxD)	mm	950x545x212	950x545x212	1250x545x212	1250x545x212
	Packing size (WxHxD)	mm	1039x639x305	1039x639x305	1339x639x305	1339x639x305
	Net weight	kg	25	25	32	32
	Gross weight	kg	29	29	36	36
Body (F4/F5 series)	Net dimensions (WxHxD)	mm	1200x592x225	1200x592x225	1500x592x225	1500x592x225
	Packing size (WxHxD)	mm	1289x683x312	1289x683x312	1589x683x312	1589x683x312
	Net weight	kg	32.5/32.5	32.5/35	39/36.6	39/39
	Gross weight	kg	38/38	38/40	45/42.6	45/45
Water inlet/outlet pipe	Inch	G3/4				
Drain pipe	mm	ODΦ16				

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 50°C, entering air temperature 20°C DB, the same water flow as the cooling conditions.
3. Noise is tested in a semi-anechoic test room.

Ceiling & Floor

Model		MKH3-150 MKH4-150 MKH5-150	MKH3-250 MKH4-250 MKH5-250	MKH3-300 MKH4-300 MKH5-300	MKH3-400 MKH4-400 MKH5-400
Power supply		V/Ph/Hz 220-240/1/50			
Air flow (H/M/L)		m³/h	255/215/190	425/360/320	510/430/380
		CFM	150/125/110	250/210/190	300/250/220
Cooling	Capacity (H/M/L)	kW	1.15/0.93/0.89	1.87/1.74/1.59	2.53/2.25/1.88
	Water flow rate	l/h	198	322	435
	Water pressure drop	kPa	18.3	10.1	14.2
Heating	Capacity (H/M/L)	kW	1.52/1.22/1.14	2.53/2.28/2.1	3.49/2.97/2.44
	Water pressure drop	kPa	16	8.8	13.7
Power input (H/M/L)		W	27/22/19	29/23/20	40/32/28
Sound pressure level	H3 (H/M/L)	dB(A)	30/27/24	33/30/28	35/32/30
	H4 (H/M/L)	dB(A)	32/29/26	35/32/30	37/34/32
	H5 (H/M/L)	dB(A)	30/27/24	33/30/28	35/32/30
Fan motor	Type	Low noise 3-speed fan motor			
	Quantity	1			
Fan	Type	Centrifugal, forward-curved blades			
	Quantity	1	1	2	2
Coil	Row	3	3	2	2
	Max. working pressure	MPa 1.6			
	Diameter	mm Ø9.52			
Body (H3 series)	Net dimensions (WxHxD)	mm	550x545x212	550x545x212	750x545x212
	Packing size (WxHxD)	mm	639x639x305	639x639x305	839x639x305
	Net weight	kg	17	17	20
	Gross weight	kg	19	19	23.5
Body (H4/H5 series)	Net dimensions (WxHxD)	mm	800x592x225	800x592x225	1000x592x225
	Packing size (WxHxD)	mm	889x683x312	889x683x312	1089x683x312
	Net weight	kg	22.5/22.5	22.5/22.5	26/26
	Gross weight	kg	26.5/26.5	27/26.5	31/31
Water inlet/outlet pipe		Inch	G3/4		
Drain pipe		mm	ODØ16		

Model			MKH3-450 MKH4-450 MKH5-450	MKH3-500 MKH4-500 MKH5-500	MKH3-600 MKH4-600 MKH5-600	MKH3-800 MKH4-800 MKH5-800	MKH3-900 MKH4-900 MKH5-900	
Power supply		V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)		m³/h	765/650/570	850/720/640	1020/870/765	1360/1160/1020	1530/1300/1150	
		CFM	450/380/335	500/420/375	600/510/450	800/680/600	900/760/675	
Cooling	Capacity (H/M/L)	kW	3.97/3.58/3.15	4.85/4.41/3.72	5.64/5.02/4.46	6.52/5.75/4.36	7.85/7.19/6.55	
	Water flow rate	l/h	683	834	970	1121	1350	
	Water pressure drop	kPa	23.1	20	11.4	21	24.3	
Heating	Capacity (H/M/L)	kW	5.64/4.79/4.23	6.98/6.28/5.23	8.23/6.58/5.59	9.58/8.14/6.32	11.69/10.52/9.35	
	Water pressure drop	kPa	22	17.4	10	20.2	21.5	
Power input (H/M/L)		W	39/31/27	49/39/34	63/50/44	88/70/62	137/109/96	
Sound pressure level	H3 (H/M/L)	dB(A)	39/36/34	41/38/36	42/39/37	44/41/38	46/43/40	
	H4 (H/M/L)	dB(A)	41/38/36	43/40/38	44/41/39	46/43/40	48/45/42	
	H5 (H/M/L)	dB(A)	39/36/34	41/38/36	42/39/37	44/41/38	46/43/40	
Fan motor	Type	Low noise 3-speed fan motor						
	Quantity	1						
Fan	Type	Centrifugal, forward-curved blades						
	Quantity	2		2	3	3	3	
Coil	Row	3		3	2	2	2	
	Max. working pressure	MPa						
	Diameter	mm						
Body (H3 series)	Net dimensions (WxHxD)	mm	950x545x212	950x545x212	1250x545x212	1250x545x212	1250x545x212	
	Packing size (WxHxD)	mm	1039x639x305	1039x639x305	1339x639x305	1339x639x305	1339x639x305	
	Net weight	kg	25	25	32	32	32	
	Gross weight	kg	29	29	36	36	36	
Body (H4/H5 series)	Net dimensions (WxHxD)	mm	1200x592x225	1200x592x225	1500x592x225	1500x592x225	1500x592x225	
	Packing size (WxHxD)	mm	1289x683x312	1289x683x312	1589x683x312	1589x683x312	1589x683x312	
	Net weight	kg	32.5/32.5	32.5/32.5	39/39	39/39	39/39	
	Gross weight	kg	38/38	38/38	45/45	45/45	45/45	
Water inlet/outlet pipe		Inch	G3/4					
Drain pipe		mm	ODΦ16					

Notes:

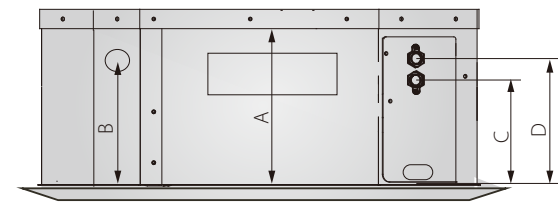
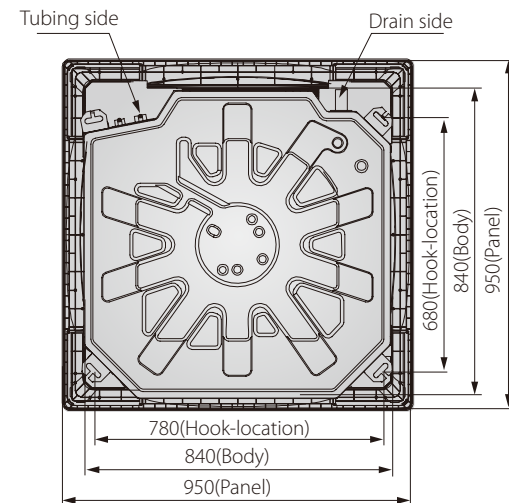
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 50°C, entering air temperature 20°C DB, the same water flow as the cooling conditions.
3. Noise is tested in a semi-anechoic test room.

Dimensions

4-way cassette ➤

2-pipe 4-way cassette

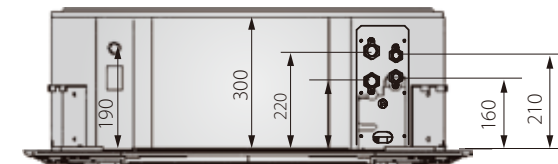
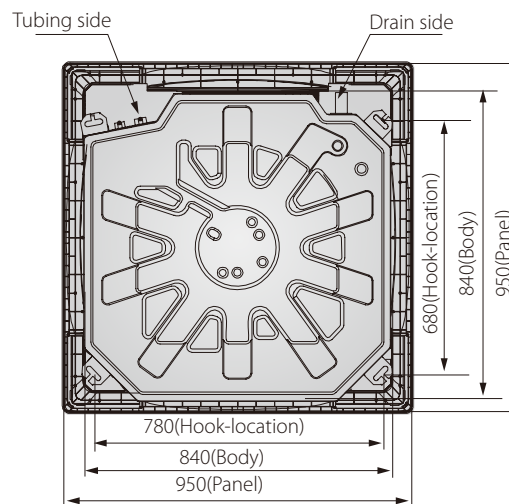
Dimensions (unit: mm)



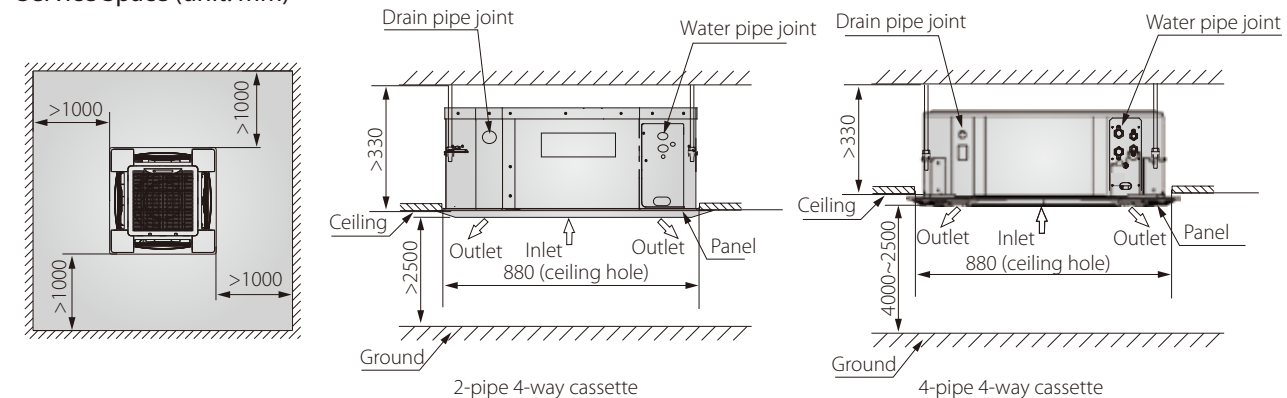
Model \ Size	A	B	C	D
MKA-600R(A) MKA-750R(A)	230	170	135	185
MKA-950R(A) MKA-1200R(A) MAK-1500R(A)	300	190	145	195

4-Pipe 4-way cassette

Dimensions (unit: mm)

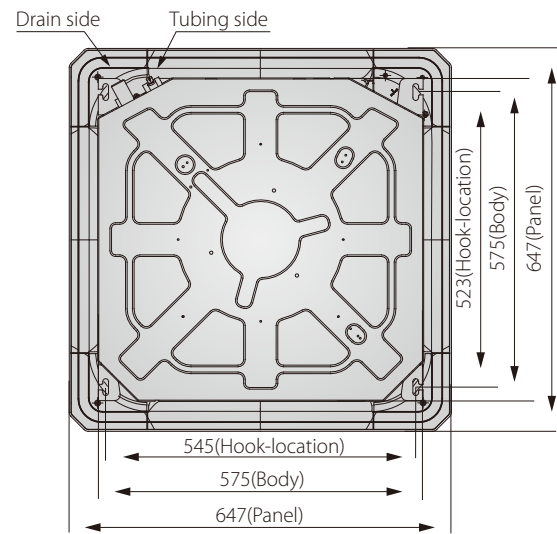


Service Space (unit: mm)

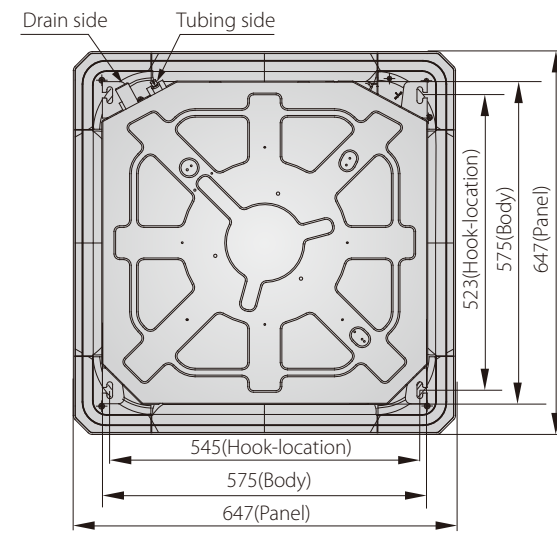


Compact 4-way cassette >>

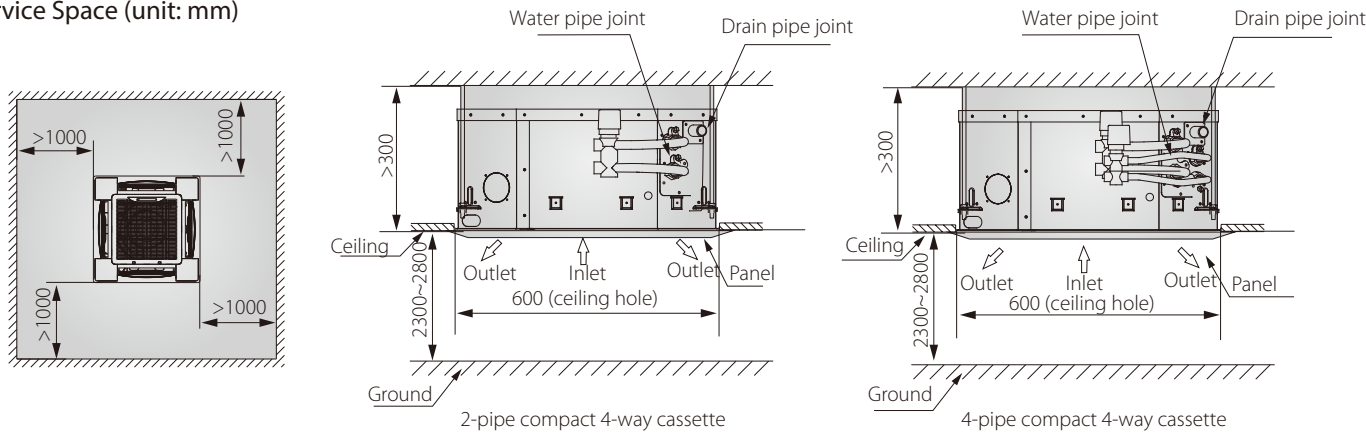
2-pipe compact 4-way cassette
Dimensions (unit: mm)



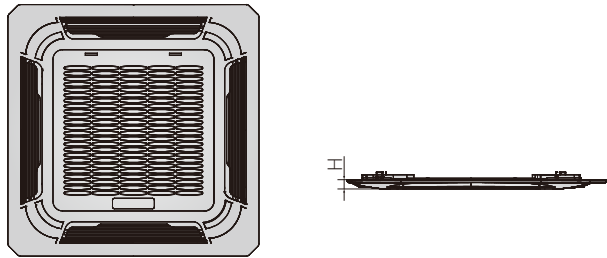
4-pipe compact 4-way cassette
Dimensions (unit: mm)



Service Space (unit: mm)



Height of the front panel

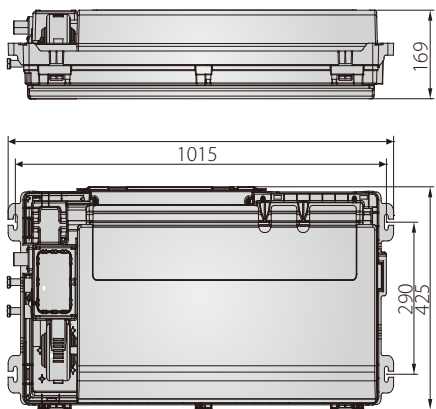


Type	H (mm)
4-way cassette	45
Compact 4-way cassette	50

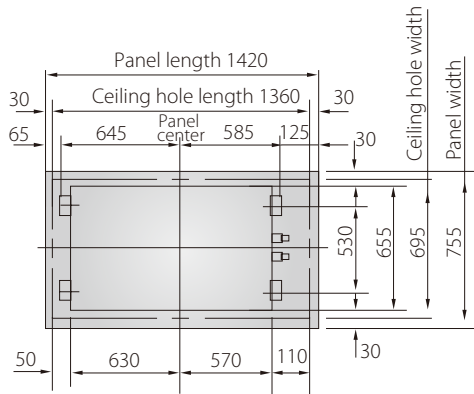
1-way cassette >>

Dimensions (unit: mm)

MKC-300R(A)-B MKC-400R(A)-B

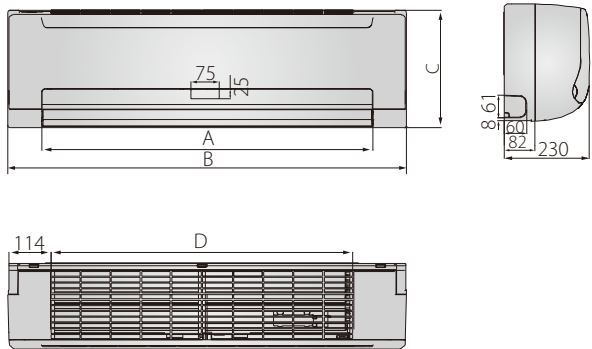


MKC-600HRN4



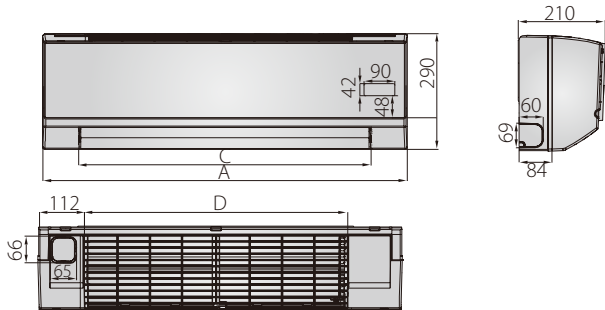
Wall mounted - S panel >>

Dimensions (unit: mm)



Wall mounted - C panel >>

Dimensions (unit: mm)

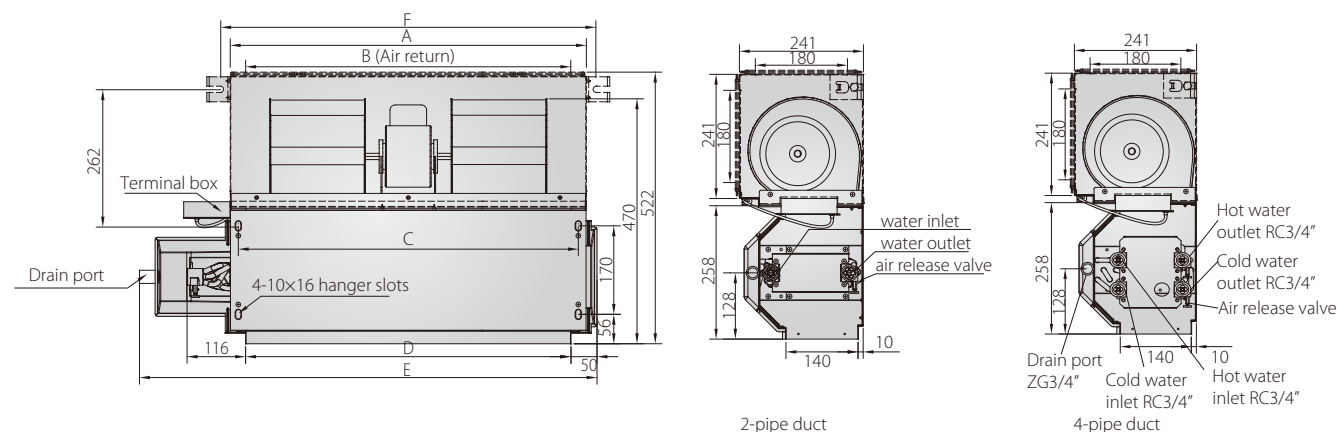


Model	MKG-250-B MKG-300-B MKG-400-B	MKG-500-B MKG-600-B
A	732	892
B	915	1072
C	290	315
D	663	813

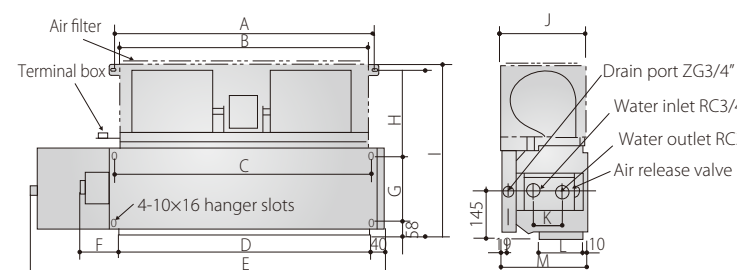
Model	MKG-250 MKG-300 MKG-400	MKG-500 MKG-600
A	915	1070
B	290	315
C	725	885
D	670	815

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

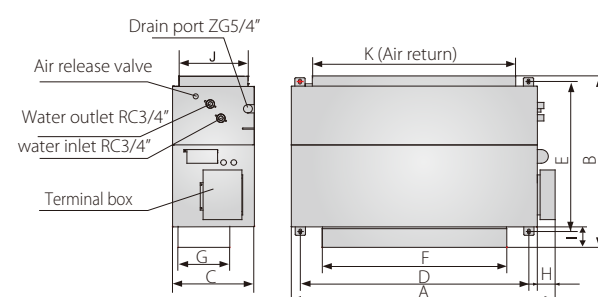


Model	MKT3-800/1000G50-A4	MKT4-1200/1400/1500/1600G50-A4	MKT4-1800/2000G50-A4
Size			
A	960	1085	1277
B	900	1135	1327
C	910	1112	1308
D	885	1085	1277
E	1180	1369	1500
F	150	160	160
G	195	195	195
H	335	335	335
I	612	612	612
J	342	342	342
K	231	231	231
L	230	230	230
M	340	340	340

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.

High static pressure duct >>

Dimensions (unit:mm)

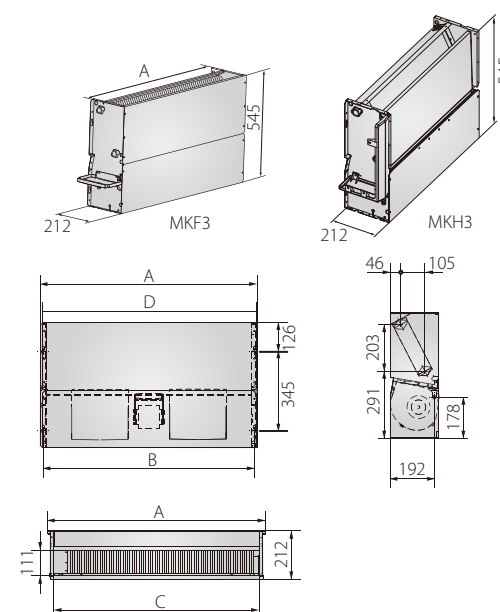


Model	MKT3H-800G70	MKT3H-800EG70	MKT3H-1600G100	MKT3H-1600EG100
Size				
A	946	946	1290	1290
B	816	876	809	874
C	400	400	400	400
D	778	778	1118	1118
E	767	767	765	765
F	306	306	900	900
G	219	219	249	249
H	88	88	88	88
I	37	97	39	104
J	338	338	320	320
K	512	512	995	995

Floor standing / Ceiling & Floor >>

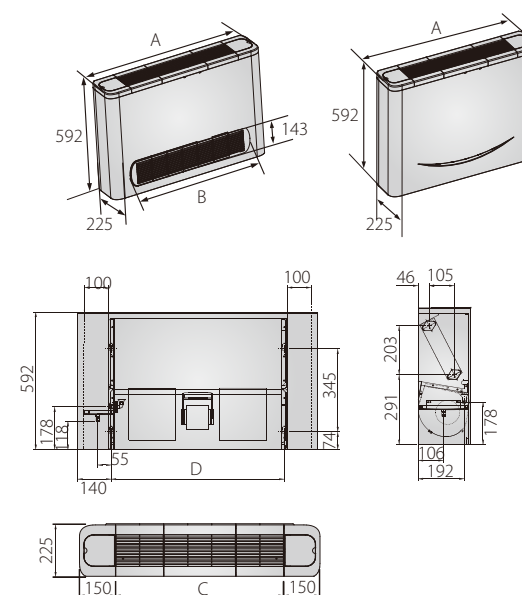
Dimensions (unit:mm)

Concealed type



Model	MKF(H)3-150/250	MKF(H)3-300/400	MKF(H)3-450/500	MKF(H)3-600~900
A(mm)	550	750	950	1250
B(mm)	526	726	926	1226
C(mm)	500	700	900	1200
D(mm)	532	732	932	1232

Exposed type



Model	MKF(H)4-150/250	MKF(H)4-300/400	MKF(H)4-450/500	MKF(H)4-600~900
A(mm)	800	1000	1200	1500
B(mm)	584	784	984	1284
C(mm)	500	700	900	1200
D(mm)	526	726	926	1226

Control Devices

Wireless Remote Controllers

Model	Appearance	Function Descriptions	Applicable FCUs
R05/BGE		❖ LCD display screen ❖ Mode control ❖ Fan speeds control	4-way Cassette (standard) 1-way Cassette (standard)
R51/E		❖ Time setting / Temp. setting / Swing setting	Compact 4-way cassette (standard) Wall-mounted (standard)

Wired Controllers

Model	Appearance	Function Descriptions	Applicable FCUs
KJRP-86A1-E		❖ LCD display screen ❖ Mode control ❖ Fan speeds control ❖ Timer setting / Temp. setting	Duct without electric heater (optional)
KJR-18B/E		❖ Mechanical thermostat ❖ Mode control ❖ Fan speeds control ❖ Temp. setting	Duct without electric heater (optional)
KJR-21B/D		❖ LCD display screen ❖ Mode control / Fan speeds control ❖ Electric heater control ❖ Temp. setting	Duct with electric heater (optional)
KJR-15B/E		❖ LCD display screen ❖ Mode control ❖ Fan speeds control ❖ Temperature display in °F or °C	Floor standing / Ceiling & floor (optional)
KJR-29B		❖ Receiving remote signal ❖ Mode control ❖ Fan speeds control ❖ Temp. setting	Cassette / Wall-mounted (optional)
KJR-12B		❖ Swing function ❖ Mode control ❖ Fan speeds control ❖ Temp. setting	Cassette / wall-mounted (optional)

Centralized Controllers

Model	Appearance	Function Descriptions	Applicable FCUs
CCM03		❖ Large LCD display screen ❖ Max. of 64 FCUs can be controlled by a CCM03 ❖ Mode control / fan speed control ❖ Time setting / temp. setting / swing setting	All FCUs (Compact 4-way cassette FCUs need adding NIM01 module, non-PCB FCUs need adding PC board control kit)
CCM09		❖ Weekly schedule function ❖ Basic functions are same as CCM03	
CCM30		❖ Touch-style keys ❖ Basic functions are same as CCM03	

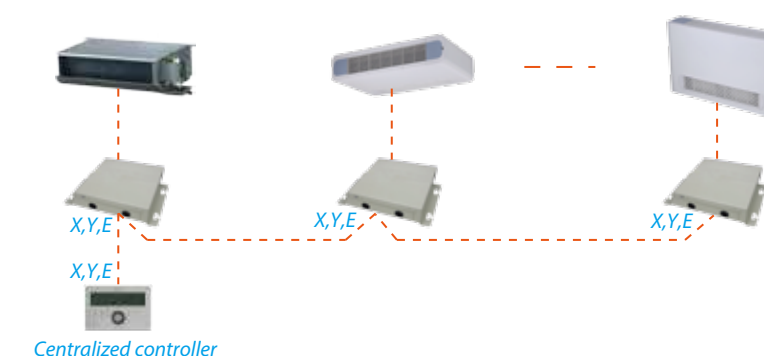
Accessories

PC Board Control Kit for FCU >>

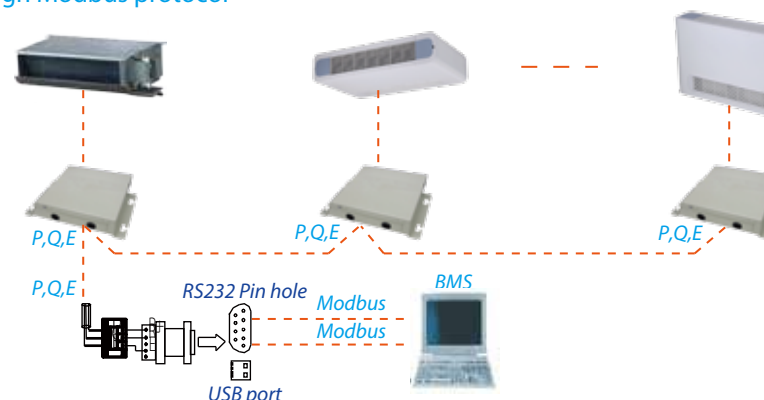


- ❖ Available for all non-PCB FCUs.
- ❖ Flexibility installation: can be attached to the unit, mounted on a wall or hung under a ceiling.
- ❖ External installation making maintenance more convenient.
- ❖ Functions: three fan speeds control, Water pump control, Long-distance ON/OFF control, ALARM function,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

Centralized control



BMS control function through Modbus protocol



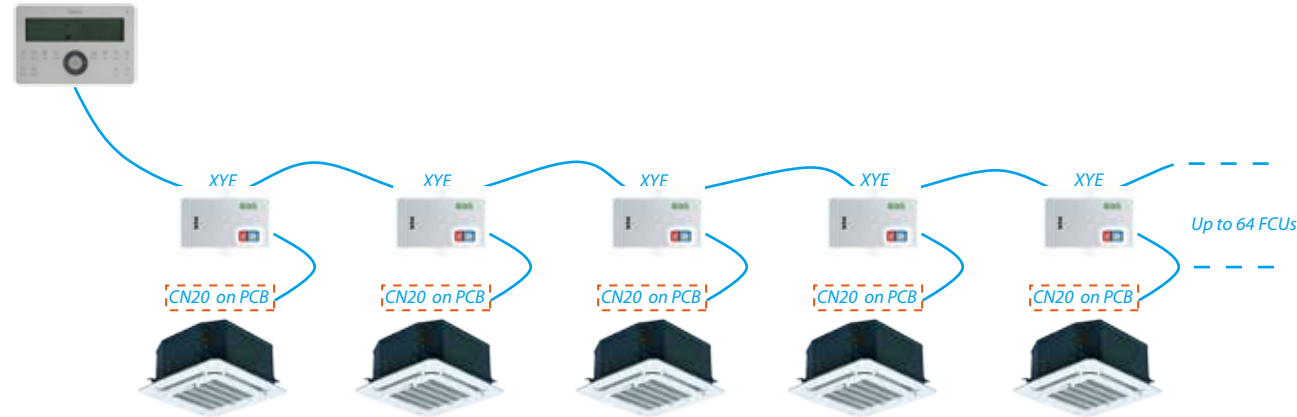
Model	CE-FCUKZ-03		CE-FCUKZ-04
Applicable appliance	2-pipe FCUs		4-pipe FCUs
Power supply	V-Ph-Hz		220~240-1-50/60
Operation range	Room temp.	°C	17-30
	Inlet water temp.	°C	3-75
Temp. controlling precision	°C		±1
Net dimension	WxHxD	mm	296x66x212
Packing size	WxHxD	mm	410x115x262
Net weight	kg		1.4
Gross weight	kg		2.5

Network Module >>

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



Centralized wiring
Centralized controller



Valve Kit >>

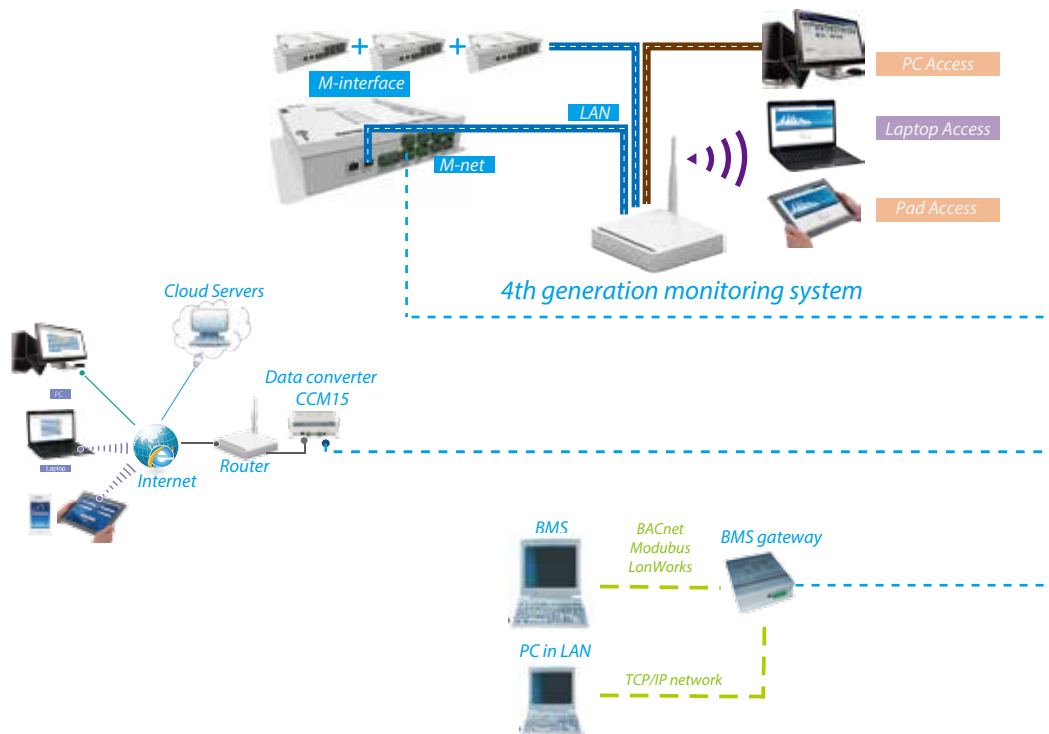
- ❖ Working Voltage: AC230±10%, 50/60Hz (24V can be customized).
- ❖ Power Consumption: 4W
- ❖ Nominal Pressure: 1.6MPa.
- ❖ Applied Medium: Cold or hot water, 50% glycol water liquor.
- ❖ Medium Temperature: 2 - 15°C (DDSTF-01), -20 - 1°C (DDSTF-04/05).
- ❖ Environment Temperature: -5 - 50°C (DDSTF-01), 0 - 50°C (DDSTF-04/05).



Valve Model	DN(mm)	Inner Screw Thread	Applicable Appliance
DDSTF-01	20	3/4"	2-pipe cassette/duct/floor standing, 4-pipe duct
DDSTF-04	15	1/2"	4-pipe cassette (for hot water)
DDSTF-05	20	3/4"	2-pipe ceiling & floor, 4-pipe cassette (for cold water)

Note:
DDSTF-** is the model of valve. The valve kit includes valve, actuator and conneting pipe. For different model of units, the models of valve kit are different.

Application of Central Control & BMS Control



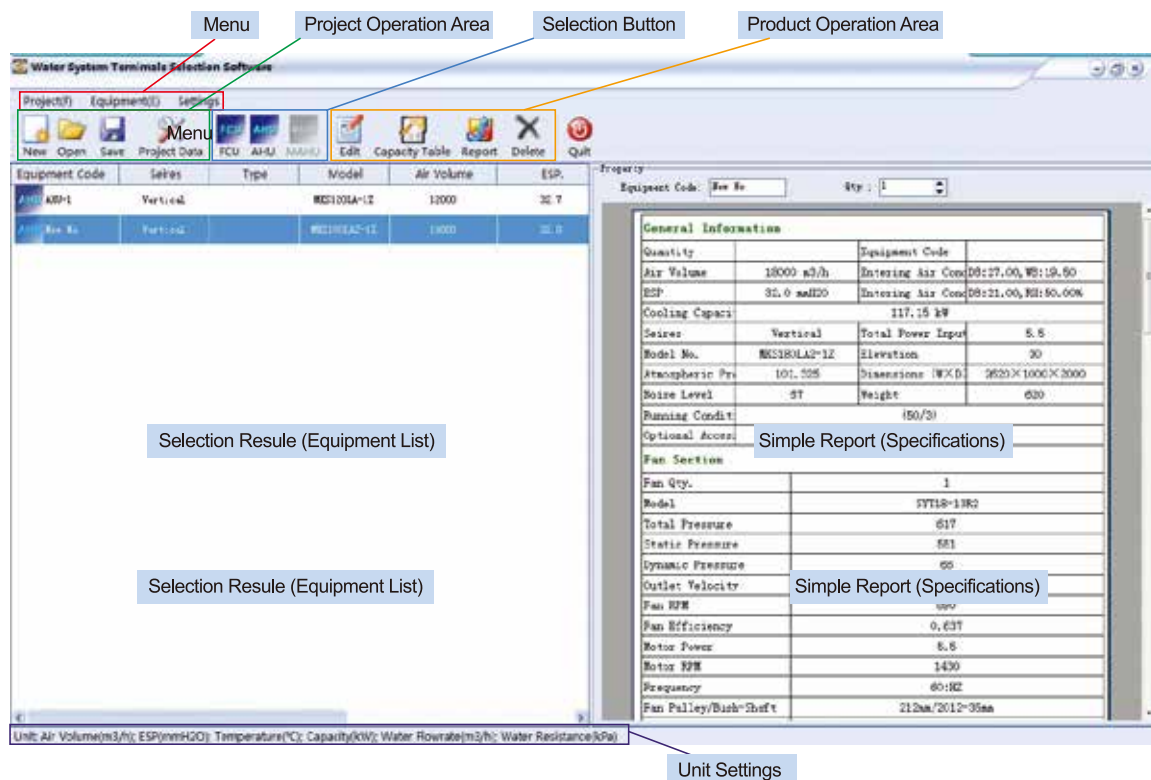
Selection Software

Features >>

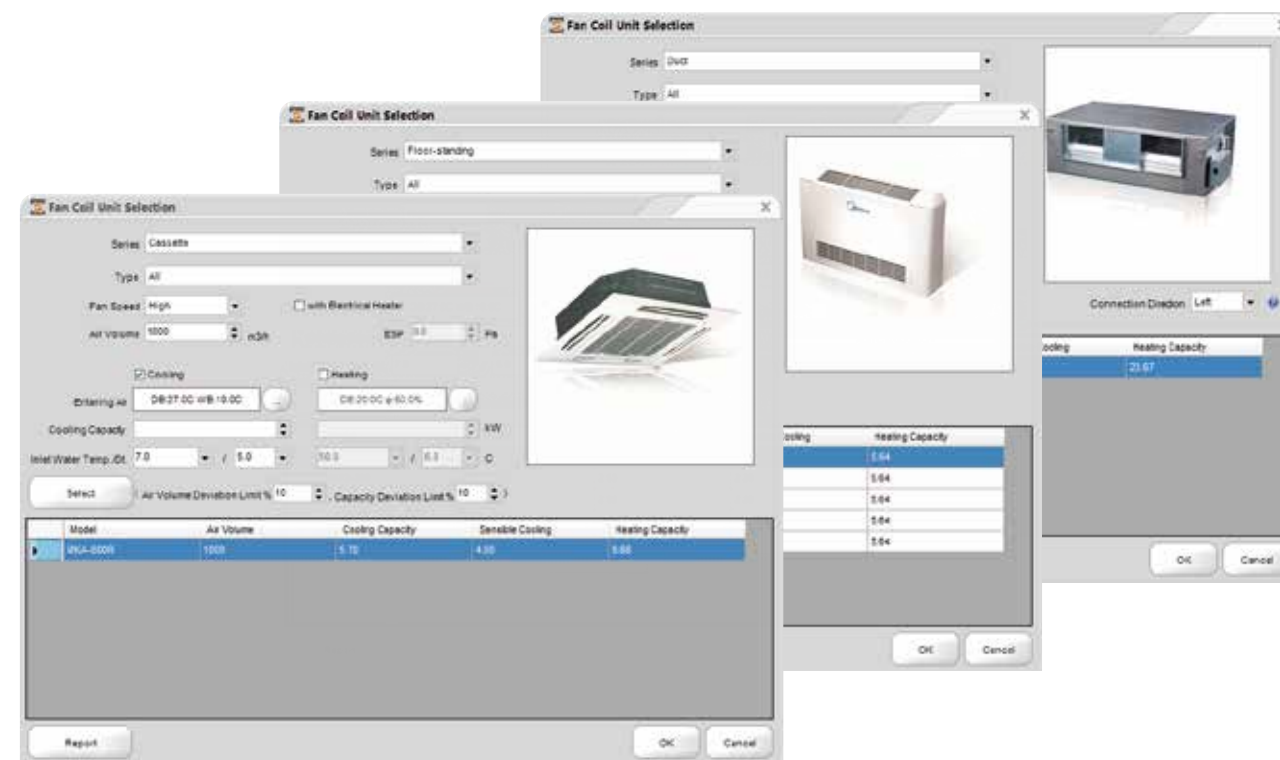


- ❖ Select by entering air and water conditions as well as fan speed.
- ❖ Easy to operate interface and visual display.
- ❖ Powerful project management function.

Main Interface >>



Selection Interface >>



Report Data Interface >>

Capacity Table

Export Setting Print

Heating
Conditions

Cooling
Conditions

Exit

Cooling Capacity Table

Note: EWT=Entering Water Temperature, DT=Delta Temperature, FR=Flowrate, PC=Pressure Drop, TC=Total Cooling, SC=Sensible Cooling

		MKA-500R																			
DWT	Water DT	1000																			
		DB 24.0 WB 17.0				DB 25.0 WB 18.0				DB 26.0 WB 19.0				DB 27.0 WB 19.5				DB 28.0 WB 21.0			
		TC	SC	Water FR	Water PC	TC	SC	Water FR	Water PC	TC	SC	Water FR	Water PC	TC	SC	Water FR	Water PC	TC	SC	Water FR	Water PC
5	3	5.86	4.5	1.68	72.67	6.48	4.68	1.86	87.85	7.12	4.85	2.34	103.22	7.3	5.05	2.09	108.57	7.96	4.97	2.28	128.96
5	4	5.6	4.30	1.21	37.63	6.23	4.57	1.34	46.74	6.88	4.76	1.48	54.08	7.02	4.53	1.51	66.46	7.54	4.84	1.64	66.56
5	5	5.28	4.24	0.91	21.47	5.91	4.43	1.02	26.39	6.56	4.61	1.13	31.47	6.72	4.8	1.16	33.08	7.35	4.72	1.26	39.6
5	3	5.43	4.31	1.56	63.02	6.06	4.49	1.74	76.99	6.71	4.67	1.92	91.43	6.89	4.87	1.97	96.71	7.55	4.81	2.16	116.24
5	4	5.14	4.19	1.1	32	5.77	4.37	1.24	39.55	6.43	4.55	1.38	47.35	6.62	4.76	1.42	50.17	7.25	4.68	1.56	60.22
5	5	4.85	4.06	0.84	16.33	5.49	4.25	0.95	22.91	6.15	4.44	1.06	27.64	6.3	4.63	1.09	29.09	6.96	4.57	1.2	35.55
7	3	4.99	4.12	1.43	53.64	5.52	4.31	1.61	66.56	6.27	4.49	1.79	79.9	6.44	4.69	1.84	84.44	7.11	4.63	2.03	102.97
7	4	4.68	3.99	1.01	26.88	5.32	4.18	1.14	33.78	5.98	4.37	1.28	40.93	6.18	4.58	1.33	43.68	6.83	4.52	1.47	53.47
7	5	4.38	3.86	0.75	15.23	5.03	4.06	0.87	19.48	5.71	4.25	0.98	23.85	5.86	4.45	1.01	25.19	6.5	4.39	1.12	31
8	3	4.53	3.93	1.3	44.94	5.17	4.12	1.48	50.87	5.83	4.31	1.57	59.17	6	4.51	1.72	73.42	6.58	4.45	1.91	90.97
8	4	4.22	3.8	0.91	22.19	4.87	4	1.05	28.52	5.54	4.19	1.19	35.08	5.74	4.4	1.24	37.71	6.36	4.34	1.37	45.38
8	5	3.91	3.67	0.67	12.39	4.57	3.88	0.78	16.25	5.26	4.08	0.9	20.24	5.45	4.29	0.94	21.79	6.09	4.23	1.05	27.2
9	3	4.07	3.74	1.17	36.99	4.73	3.94	1.36	47.93	5.4	4.13	1.54	60.24	5.69	4.34	1.6	63.5	6.34	4.29	1.79	79.3
9	4	3.78	3.62	0.81	18.16	4.42	3.81	0.95	23.77	5.08	4	1.09	29.57	5.27	4.22	1.13	31.62	5.82	4.17	1.27	40.14
9	5	3.55	3.53	0.61	10.27	4.17	3.71	0.71	13.53	4.81	3.9	0.82	16.9	4.99	4.11	0.86	18.26	5.53	4.06	0.97	23.26
10	3	3.65	3.57	1.05	29.95	4.25	3.75	1.22	39.1	4.89	3.93	1.4	48.62	5.12	4.16	1.47	53.5	5.8	4.12	1.65	68.82
10	4	3.42	3.42	0.73	14.84	4.01	3.65	0.86	19.52	4.62	3.82	0.99	24.37	4.81	4.04	1.04	26.52	5.46	4	1.17	34.25
10	5	3.12	3.12	0.54	8.04	3.69	3.53	0.63	10.67	4.28	3.69	0.73	13.41	4.5	3.92	0.78	14.85	5.18	3.9	0.89	19.67

Unit: Air Volume(m³/h); ESP(Pa); Temperature(°C); Capacity(kW); Water Flowrate(m³/h); Water Resistance(kPa)

1/1