

1 Specifications

Model name			MKT3-V200G12-CL	MKT3-V300G12-CL	MKT3-V400G12-CL
Power supply		V/Ph/Hz	220-240V/1/50		
Air flow (H/M/L)		m³/h	374/301/228	550/421/307	734/584/436
		CFM	220/177/134	324/248/181	432/344/256
Standard external static pressure		Pa	12Pa (default); 30/50Pa a can be set through dial switch on the PCB or by wired controller		
Cooling	Capacity (H/M/L)	kW	2.45/2.05/1.59	3.35/2.89/2.21	4.25/3.69/2.88
	Water pressure (H/M/L)	kPa	17.00/13.70/10.94	23.00/17.60/10.60	19.00/14.70/9.40
	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
Heating	Capacity (H/M/L)	kW	2.68/2.24/1.83	3.95/3.25/2.51	5.00/4.31/3.36
	Water pressure (H/M/L)	kPa	17.00/13.10/11.86	25.00/18.10/11.20	21.00/15.90/9.90
	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
Power input (H/M/L)		W	17.0/12/9	25.0/15/10	34.0/22.0/13.0
Auxiliary electric heater (AEH)		W	500	600	1000
Sound pressure level (H/M/L)		dB(A)	39/33/25	37/31/22.5	43/37.5/30
Fan motor	Type	/	DC motor		
	Quantity	/	1		
Fan	Type	/	Centrifugal, forward-curved blades		
	Quantity	/	1	2	2
Coil	Row	/	3		
	MAX. working pressure	MPa	1.6MPa		
	Diameter	mm	7		
Body	Net Dimensions (W×H×D)	mm	632*243*482	773*243*482	908*243*482
	Packing (W×H×D)	mm	698*270*520	843*270*520	978*270*520
	Net weight	kg	14.0	17.2	19.2
	Gross weight	kg	16.0	19.5	22.2
Pipe connection	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.

Model name			MKT3-V500G12-CL	MKT3-V600G12-CL
Power supply		V/Ph/Hz	220-240V/1/50	
Air flow (H/M/L)		m ³ /h	800/622/456	1022/810/552
		CFM	471/366/268	601/476/325
Standard external static pressure		Pa	12Pa (default); 30/50Pa a can be set through dial switch on the PCB or by wired controller	
Cooling	Capacity (H/M/L)	kW	4.55/3.92/2.97	5.85/4.88/3.66
	Water pressure (H/M/L)	kPa	23.00/18.96/12.11	34.00/26.50/16.90
	Water flow rate (H/M/L)	m ³ /h	0.80/0.67/0.54	1.00/0.84/0.65
Heating	Capacity (H/M/L)	kW	5.50/4.38/3.20	6.90/5.66/4.21
	Water pressure (H/M/L)	kPa	25.00/19.93/11.95	38.00/28.70/18.60
	Water flow rate (H/M/L)	m ³ /h	0.92/0.76/0.59	1.16/0.96/0.75
Power input (H/M/L)		W	37.0/26.0/14.0	64.0/36.0/19.0
Auxiliary electric heater (AEH)		W	1000	1500
Sound pressure level (H/M/L)		dB(A)	45/39/31	49.5/43.5/34
Fan motor	Type	/	DC motor	
	Quantity	/	1	
Fan	Type	/	Centrifugal, forward-curved blades	
	Quantity	/	2	
Coil	Row	/	3	
	MAX. working pressure	MPa	1.6MPa	
	Diameter	mm	7	
Body	Net Dimensions (W×H×D)	mm	908*243*482	1003*243*482
	Packing (W×H×D)	mm	978*270*520	1073*270*520
	Net weight	kg	19.2	21.7
	Gross weight	kg	22.2	24.5
Pipe connection	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.

DC 2-Pipe Duct MKT3(C) Series



Model name			MKT3-V700G12-CL	MKT3-V800G12-CL	MKT3-V1000G12-CL
Power supply		V/Ph/Hz	220-240V/1/50		
Air flow (H/M/L)		m ³ /h	1190/1015/806	1400/1082/816	1650/1201/746
		CFM	700/597/474	824/636/480	971/706/439
Standard external static pressure		Pa	12Pa (default); 30/50Pa a can be set through dial switch on the PCB or by wired controller		
Cooling	Capacity (H/M/L)	kW	6.50/6.04/5.09	8.02/6.65/5.37	9.05/7.10/4.97
	Water pressure (H/M/L)	kPa	22.00/19.00/15.60	32.00/26.06/18.05	32.00/22.01/11.71
	Water flow rate (H/M/L)	m ³ /h	1.19/1.05/0.91	1.36/1.17/0.94	1.58/1.26/0.88
Heating	Capacity (H/M/L)	kW	7.60/6.96/5.81	9.40/7.36/5.82	11.00/8.02/5.41
	Water pressure (H/M/L)	kPa	25.0/21.1/16.2	41.00/25.33/16.36	33.00/21.55/10.90
	Water flow rate (H/M/L)	m ³ /h	1.38/1.22/1.05	1.53/1.26/0.98	1.78/1.36/0.92
Power input (H/M/L)		W	75.0/52/33	72.0/43.0/23.0	119.0/54/19
Auxiliary electric heater (AEH)		W	1500	2000	2000
Sound pressure level (H/M/L)		dB(A)	51/45/40	49.5/43/36	54.5/46/34
Fan motor	Type	/	DC motor		
	Quantity	/	1		
Fan	Type	/	Centrifugal, forward-curved blades		
	Quantity	/	2	3	3
Coil	Row	/	3		
	MAX. working pressure	MPa	1.6MPa		
	Diameter	mm	7		
Body	Net Dimensions (W×H×D)	mm	1178*243*482	1368*243*482	1368*243*482
	Packing (W×H×D)	mm	1248*270*520	1438*270*520	1438*270*520
	Net weight	kg	23.5	27.7	27.7
	Gross weight	kg	26.8	30.7	30.7
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	ZG3/4		

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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.

Model name			MKT3-V1200G12-CL	MKT3-V1400G12-CL
Power supply		V/Ph/Hz	220-240V/1/50	
Air flow (H/M/L)		m ³ /h	1750/1222/912	2250/1952/1675
		CFM	1029/719/537	1324/1148/985
Standard external static pressure		Pa	12Pa (default); 30/50Pa a can be set through dial switch on the PCB or by wired controller	
Cooling	Capacity (H/M/L)	kW	10.08/7.25/6.02	11.11/10.58/9.77
	Water pressure (H/M/L)	kPa	27.00/20.70/14.00	33.00/29.29/25.92
	Water flow rate (H/M/L)	m ³ /h	1.69/1.44/1.16	2.02/1.84/1.71
Heating	Capacity (H/M/L)	kW	11.83/8.32/6.78	12.67/11.98/10.59
	Water pressure (H/M/L)	kPa	26.00/20.12/13.30	34.00/30.41/25.26
	Water flow rate (H/M/L)	m ³ /h	1.94/1.64/1.30	2.23/2.04/1.84
Power input (H/M/L)		W	119.0/54/29	119.0/90/64
Auxiliary electric heater (AEH)		W	2500	2500
Sound pressure level (H/M/L)		dB(A)	49.5/42.5/33.5	53/50/46.5
Fan motor	Type	/	DC motor	
	Quantity	/	1	
Fan	Type	/	Centrifugal, forward-curved blades	
	Quantity	/	4	4
Coil	Row	/	3	
	MAX. working pressure	MPa	1.6MPa	
	Diameter	mm	7	
Body	Net Dimensions (W×H×D)	mm	1658*243*482	1898*243*482
	Packing (W×H×D)	mm	1728*270*520	1968*270*520
	Net weight	kg	33.8	37
	Gross weight	kg	38.3	41.5
Pipe connection	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;
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7. The performance data on above sheet was tested under 220V~50Hz;
8. Auxiliary electric heater (AEH) is optional;
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