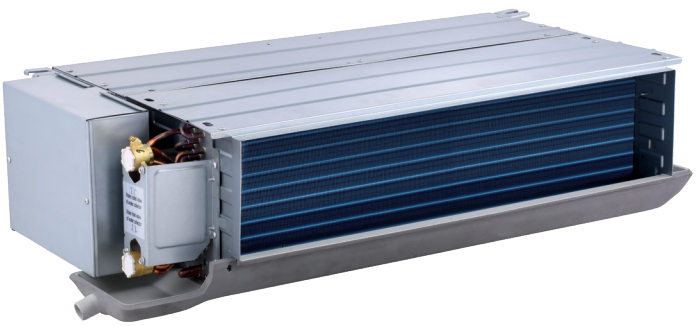


DC Fan Coil Unit

Concealed Ceiling Unit
Three-row Two-pipe Duct

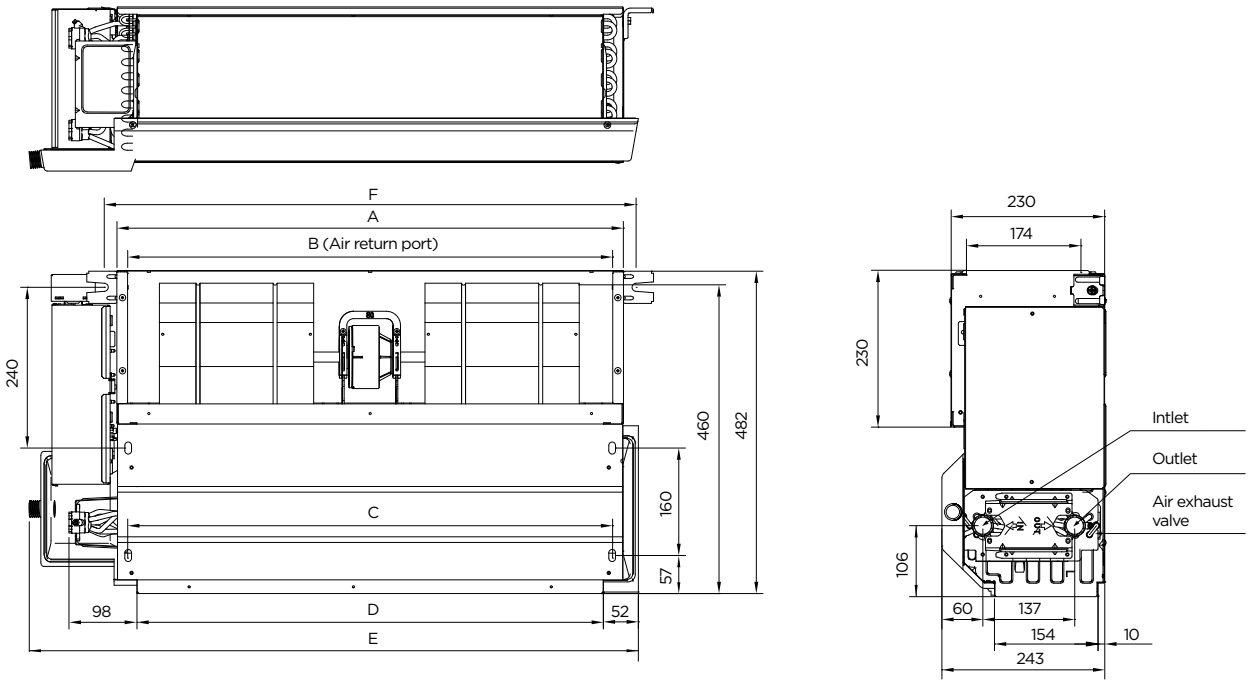
MKT3-Vxxx-C



CE

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

DIMENSIONS



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

FEATURES

- 7-speed DC fan motor, high efficiency and low noise operation.
- Superior air distribution.
- Compact size, easy installation.
- Adjustable air outlet static pressure. (12/30/50Pa)
- The left and right connections can be customized at the factory.
- Air return from behind (standard), can be changed to air return from below on site.
- Support customized centralized control of up to 64 units.
- Unique two-core non-polar bidirectional carrier communication (two cores can realize power supply and communication integration)
- Flexible expansion modules to meet special customization, can be connected to the market machinery 3-fan speed controller, 0-10V fan speed signal input controller, 0-10V stepless regulating valve body, remote alarm, etc.
- Wide range of options like sterilization module, auxiliary electric heater, DC water pump, remote switch and display box, metal fan, NSK bearing, high efficiency filter, etc.

SPECIFICATIONS

Model			MKT3-V200G12-CL	MKT3-V300G12-CL	MKT3-V400G12-CL	MKT3-V500G12-CL	MKT3-V600G12-CL
Power supply		V/Ph/Hz	220-240V/1/(50/60)				
Air flow (H/M/L)		m^3/h	374/301/228	550/421/307	734/584/436	800/622/456	1022/810/552
		CFM	220/177/134	324/248/181	432/344/256	471/366/268	601/476/325
Standard external static pressure		Pa	12Pa (default); 30/50Pa a can be set through dial switch on the PCB or by wired controller				
Cooling	Capacity (H/M/L)	kW	2.45/2.05/1.59	3.35/2.89/2.21	4.25/3.69/2.88	4.55/3.92/2.97	5.85/4.88/3.66
	Water pressure drop (H/M/L)	kPa	17.0/13.7/13.0	23.0/17.6/10.6	19.0/14.7/9.4	23.0/19.0/12.1	34.0/26.5/16.9
	Water flow rate (H/M/L)	m^3/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
Heating	Capacity (H/M/L)	kW	2.68/2.24/1.83	3.95/3.25/2.51	5.00/4.31/3.36	5.50/4.38/3.20	6.90/5.66/4.21
	Water pressure drop (H/M/L)	kPa	17.0/13.1/11.9	25.0/18.1/11.2	21.0/15.9/9.9	25.0/19.9/12.0	38.0/28.7/18.6
	Water flow rate (H/M/L)	m^3/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	17.0/12/9	25.0/15/10	35.0/22/13	40.0/26/14	65.0/36/19
Auxiliary electric heater (AEH)		W	500	600	1000	1000	1500
Sound pressure level (H/M/L)		dB(A)	39/33/25	37/31/22.5	43/37.5/30	45/39/31	49.5/43.5/34
Fan motor	Type	/	DC motor				
	Quantity	/	1				
Fan	Type	/	Centrifugal, forward-curved blades				
	Quantity	/	1	2	2	2	2
Coil	Row	/	3				
	Max. working pressure	MPa	1.6				
	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	20.4	21.7
Gross weight		kg	16	19.5	21.3	23	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 ℃ DB, with air return plemum 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

Model			MKT3-V700G12-CL	MKT3-V800G12-CL	MKT3-V1000G12-CL	MKT3-V1200G12-CL	MKT3-V1400G12-CL
Power supply		V/Ph/Hz	220-240V/1/(50/60)				
Air flow (H/M/L)		m^3/h	1190/1015/806	1400/1082/816	1650/1201/746	1750/1222/912	2250/1952/1675
		CFM	700/597/474	824/636/480	971/706/439	1029/719/537	1324/1148/985
Standard external static pressure		Pa	12Pa (default); 30/50Pa a can be set through dial switch on the PCB or by wired controller				
Cooling	Capacity (H/M/L)	kW	6.50/6.04/5.09	8.02/6.65/5.37	9.05/7.10/4.97	10.08/7.25/6.02	11.11/10.58/9.77
	Water pressure drop (H/M/L)	kPa	22.0/19.0/15.6	32.0/26.1/18.1	32.0/22.0/11.7	27.0/20.7/14.0	33.0/29.3/25.9
	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	1.69/1.44/1.16	2.02/1.84/1.71
Heating	Capacity (H/M/L)	kW	7.60/6.96/5.81	9.40/7.36/5.82	11.00/8.02/5.41	11.83/8.32/6.78	12.67/11.98/10.59
	Water pressure drop (H/M/L)	kPa	25.0/21.1/16.2	41.0/25.3/16.4	33.0/21.6/10.9	26.0/20.1/13.3	34.0/30.4/25.3
	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	1.94/1.64/1.30	2.23/2.04/1.84
Power input (H/M/L)		W	75.0/52/33	70.0/42/22	119.0/54/19	119.0/54/29	119.0/90/64
Auxiliary electric heater (AEH)		W	1500	2000	2000	2500	2500
Sound pressure level (H/M/L)		dB(A)	51/45/40	49.5/43/36	54.5/46/34	49.5/42.5/33.5	53/50/46.5
Fan motor	Type	/	DC motor				
	Quantity	/	1				
Fan	Type	/	Centrifugal, forward-curved blades				
	Quantity	/	2	3	3	4	4
Coil	Row	/	3				
	Max. working pressure	MPa	1.6				
	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 ℃ DB, with air return plemum 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.

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