

6. Specifications

Model MKT3H-				800G70 800EG70	1000G70 1000EG70	1200G70 1200EG70	1400G70 1400EG70
Air flow	H/M/L	m ³ /h		1360/1220/1090	1700/1530/1380	2040/1880/1610	2380/2120/1860
	H/M/L	CFM		800/720/640	1000/900/810	1200/1105/950	1400/1250/1095
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	H	L/h	1135	1514	1720	2064
	Water pressure drop	H	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	H	kPa	8.4	25	23.4	34.2
Power supply			V/Ph/Hz	220-240/1/50			
Power input		H	W	350	350	350	350
Electric heater capacity ('E)			W	5000	5000	5000	5000
Sound pressure level		H/M/L	dB(A)	49/42/35	50/43/36	51/44/37	52/45/38
Fan motor	Type			Low noise 4-speed fan motor			
	Quantity			1			
Fan	Type			Centrifugal, forward-curved Blades			
	Quantity			1	1	1	1
Coil	Row			2	3	3	4
	Max. Working pressure		MPa	1.6			
	Diameter		mm	Φ9.52			
Body	Dimensions (*E)	W×H×D	mm	946×400×816 / 946×400×876			
	Net weight (*E)		kg	50/53	52/55	52/55	54/57
	Packing (*E)	W×H×D	mm	1015×480×857 / 1015×480×925			
	Gross weight (*E)		kg	55/58	57/60	57/60	59/62
Pipe connection	Water inlet/outlet pipe		inch	RC3/4"			
	Drain pipe		mm	ODΦ32			

Note:

1. H: high speed; M: medium speed; L: low speed
2. The data is the performance in 70Pa 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, the same water flow as the cooling conditions.
4. Noise is tested in semi-anechoic test room.
5. * for models without EAH; E for models with EAH

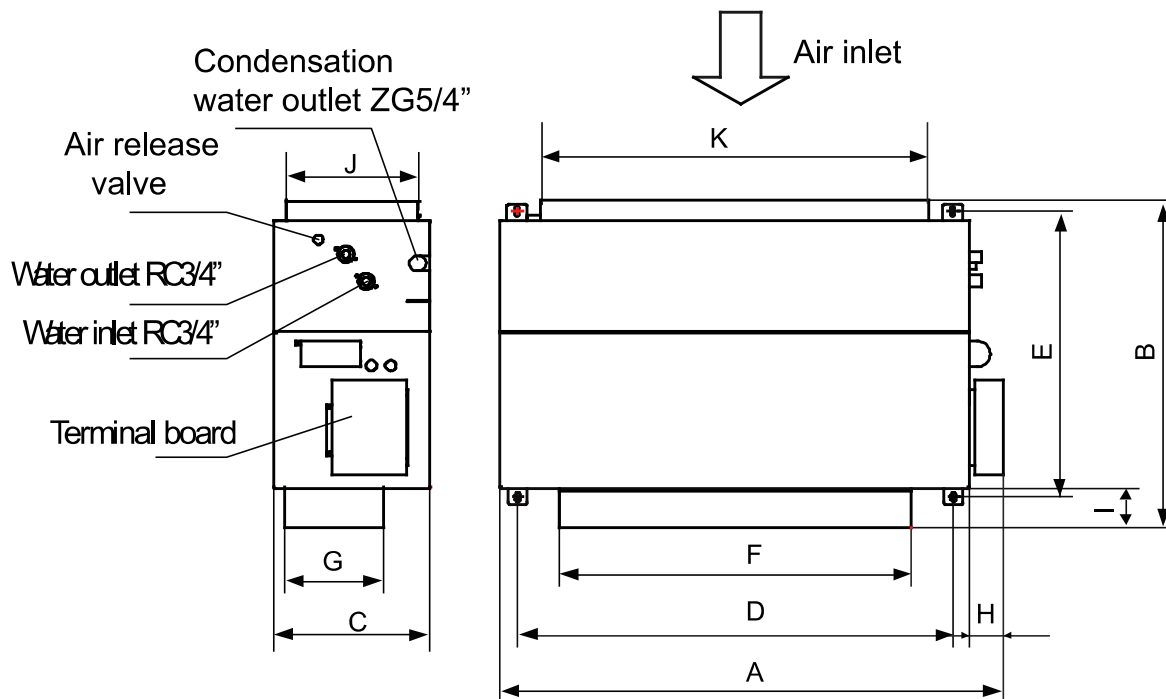
Specifications

Model MKT3H-				1600G100 1600EG100	1800G100 1800EG100	2200G100 2200EG100
Air flow	H/M/L	m ³ /h		2720/2450/2170	3060/2750/2450	3740/3360/2990
	H/M/L	CFM		1600/1440/1280	1800/1620/1440	2200/1980/1760
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	H	L/h	2425	2718	3423
	Water pressure drop	H	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	H	kPa	51	85	121
Power supply			V/Ph/Hz	220-240/1/50		
Power input		H	W	550	800	950
Electric heater capacity (*E)			W	9500	9500	9500
Sound pressure level		H/M/L	dB(A)	54/47/40	60/53/46	61/54/47
Fan motor	Type			Low noise 4-speed fan motor		
	Quantity			1		
Fan	Type			Centrifugal, forward-curved Blades		
	Quantity			2	2	2
Coil	Row			3	3	3
	Max. Working pressure		MPa	1.6		
	Diameter		mm	Φ9.52		
Body	Dimensions (*E)	W×H×D	mm	1290×400×809 / 1290×400×874		
	Net weight (*E)		kg	76/82		
	Packing (*E)	W×H×D	mm	1368×460×877 / 1368×460×950		
	Gross weight (*E)		kg	83/89		
Pipe connection	Water inlet/outlet pipe		inch	RC3/4"		
	Drain pipe		mm	ODΦ32		

Note:

1. H: high speed; M: medium speed; L: low speed
2. The data is the performance in 70Pa 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, the same water flow as the cooling conditions.
4. Noise is tested in semi-anechoic test room.
5. * for models without EAH; E for models with EAH

7. Dimension



Size \ Model	MKT3H-800G70 MKT3H-1000G70 MKT3H-1200G70 MKT3H-1400G70	MKT3H-800EG70 MKT3H-1000EG70 MKT3H-1200EG70 MKT3H-1400EG70	MKT3H-1600G70 MKT3H-1800G70 MKT3H-2200G70	MKT3H-1600EG70 MKT3H-1800EG70 MKT3H-2200EG70
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