

## 6. Specifications

Model MKT3H-			800G70 800EG70	1000G70 1000EG70	1200G70 1200EG70	1400G70 1400EG70	
Air flow	H/M/L	m <sup>3</sup> /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	320	350	350	350	
Current input	H	A	1.46	1.6	1.6	1.6	
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 3-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	1075×480×857 / 1075×480×925			
	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 <sup>3</sup> /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	60	78	110
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	57	74	105
Power supply		V/Ph/Hz	220-240/1/50			
Power input	H	W	550	800	950	
Current input	H	A	2.5	3.66	4.34	
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 3-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	1448×460×877 / 1448×460×950		
	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