

4-Row Duct



Model		MKT4-200G30	MKT4-300G30	MKT4-400G30	MKT4-500G30	MKT4-600G30	MKT4-800G30	
Power supply	V/Ph/Hz	208-230/1/60						
Air flow (H/M/L)	m ³ /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	8.8/7.43/6.57
	Water flow rate	l/h	430	568	757	826	1066	1514
	Water pressure drop	kPa	2.6	5	8.1	9.8	15.4	12.3
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	14.5/12.38/10.88
	Water pressure drop	kPa	2.2	4.2	6.9	8.1	12.7	23.3
Power input (H/M/L)	W	50/40/35	65/52/46	80/64/56	98/78/69	110/88/77	155/124/109	
Sound pressure level	dB(A)	37/33/27	38/34/28	38/35/29	40/35/30	41/36/31	42/37/32	
Fan motor	Type	Low noise 3-speed fan motor						
	Quantity	1	1	1	1	1	2	
Fan	Type	Centrifugal, forward-curved blades						
	Quantity	1	2	2	2	2	4	
Coil	Row	4						
	Max. working pressure	MPa	1.6					
	Diameter	mm	Φ9.52					
Net dimensions (WxHxD)	mm	741x241x522	841x241x522	941x241x522	941x241x522	1161x241x522	1461x241x522	
Packing size (WxHxD)	mm	790x260x550	890x260x550	990x260x550	990x260x550	1210x260x550	1510x260x550	
Net weight	kg	15.3	17.5	20.7	20.7	23.5	32.9	
Gross weight	kg	17.6	20	23.1	23.1	26.5	36.5	
Water inlet/outlet pipe	Inch	RC3/4						
Drain pipe	Inch	R3/4						

Model		MKT4-1000G30	MKT4-1200G30	MKT4-1400G30	MKT4-1500	MKT4-2000	
Power supply	V/Ph/Hz	208-230/1/60					
Air flow (H/M/L)	m ³ /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					
Cooling	Capacity (H/M/L)	kW	9.5/8.18/7.06	11.8/9.82/8.74	13.1/11.23/9.83	13.5/11.5/10.1	18/15.3/13.5
	Water flow rate	l/h	1634	2030	2236	2322	3096
	Water pressure drop	kPa	18	21.2	24.7	11.5	26.2
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	23.4/19.8/17.5
	Water pressure drop	kPa	15.4	17.6	20.8	10	24.3
Power input (H/M/L)	W	180/144/126	220/176/154	275/220/193	236/189/165	360/288/252	
Sound pressure level	dB(A)	44/39/33	45/40/34	47/42/36	48/44/39	50/46/41	
Fan motor	Type	Low noise 3-speed fan motor					
	Quantity	2	2	2	1	1	
Fan	Type	Centrifugal, forward-curved blades					
	Quantity	4	4	4	2	3	
Coil	Row	4					
	Max. working pressure	MPa	1.6				
	Diameter	mm	Φ9.52				
Net dimensions (WxHxD)	mm	1566x241x522	1856x241x522	2022x241x522	1369x342x612	1500x342x612	
Packing size (WxHxD)	mm	1615x260x550	1905x260x550	2070x260x550	1421x381x619	1552x381x619	
Net weight	kg	35.4	40.5	44.1	46	57	
Gross weight	kg	39.1	44	49.4	49.8	61	
Water inlet/outlet pipe	Inch	RC3/4					
Drain pipe	Inch	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	208-230/1/60				
Air flow (H/M/L)	m ³ /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	8.15/7.93/7.54
	Water flow rate	l/h	1198	1363	1336	1402
	Water pressure drop	kPa	19.0	13.5	24.5	21.4
Heating	Capacity (H/M/L)	kW	9.57/9.09/8.43	10.42/9.89/9.12	10.61/10.25/9.82	11.25/10.72/10.06
	Water pressure drop	kPa	16.9	39.7	21.1	23.3
Power input (H/M/L)	W	151/130/111	144/124/105	174/147/130	176/146/128	
Sound pressure level	dB(A)	49.7/47.8/45.6	48.4/47.9/46.6	50.1/48/45.8	49.5/48.1/47.3	
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	Φ9.52			
Net dimensions (WxHxD)	mm	1180x340x612				
Packing size (WxHxD)	mm	1310x380x693				
Net weight	kg	38.3	39.3	39.8	40.8	
Gross weight	kg	47.2	47	48.6	49.6	
Water inlet/outlet pipe	Inch	RC3/4				
Drain pipe	Inch	R3/4				

Model		MKT4-1200G50-A4	MKT4-1400G50-A4	MKT4-1600G50-A4	MKT4-1800G50-A4	MKT4-2000G50-A4	
Power supply	V/Ph/Hz	208-230/1/60					
Air flow (H/M/L)	m ³ /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	2160/1497/1194	
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	17.34/13.75/12.44
	Water flow rate	l/h	1890	2089	2096	2779	2983
	Water pressure drop	kPa	27.8	32.5	33.4	58.3	61.5
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	23.4/17.92/16.08
	Water pressure drop	kPa	24.8	29.2	30.0	52.3	52.9
Power input (H/M/L)	W	320/284/250	392/284/250	482/338/296	538/358/308	583/387/334	
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	54.4/52.7/51.6	
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	Φ9.52				
Net dimensions (WxHxD)	mm	1369x340x612	1369x340x612	1369x340x612	1500x340x612	1500x340x612	
Packing size (WxHxD)	mm	1490x380x693	1490x380x693	1490x380x693	1620x380x693	1620x380x693	
Net weight	kg	46.3	46.3	46.3	54.8	54.8	
Gross weight	kg	56.4	56.4	56.4	64.6	64.6	
Water inlet/outlet pipe	Inch	RC3/4					
Drain pipe	Inch	R3/4					

Notes:

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2. The data are test under standard external static pressure.
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