

4-Pipe Duct

Model		MKT3-200FG30A	MKT3-300FG30A	MKT3-400FG30A	MKT3-500FG30A	MKT3-600FG30A
Power supply	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m³/h	470/382/285	639/493/374	751/628/457	955/779/589	1304/955/719
	CFM	200/150/100	300/225/150	400/300/200	500/375/250	600/450/300
Standard external static pressure		G30 models: 30				
Cooling	Capacity (H/M/L)	2.76/2.34/1.97	3.37/3.03/2.33	3.49/3.12/2.53	4.82/4.29/3.61	
	Water flow rate (H/M/L)	0.36/0.32/0.26	0.5/0.42/0.35	0.63/0.56/0.46	0.87/0.77/0.65	
	Water pressure drop (H/M/L)	11/9/6.5	23/17/12.7	58/75/2/51	142/271/13.4/79/7	247/193/148
Heating	Capacity (H/M/L)	2.33/2.1/1.79	3.07/2.72/2.37	3.8/3.49/2.98	4.51/4.03/3.43	5.5/4.99/4.35
	Water flow rate (H/M/L)	0.21/0.19/0.16	0.28/0.25/0.22	0.35/0.32/0.27	0.41/0.37/0.32	0.5/0.46/0.4
	Water pressure drop (H/M/L)	13.8/11.3/9	18.4/16.2/12.3	31/22/17.8	50/42/2/33	
Power input	30Pa (H/M/L)	61/53/47	76/65/57	88/81/72	108/89/77	136/121/106
Sound pressure level	30Pa (H/M/L)	41/37/31	42/38/32	43/39/33	44/40/34	45/41/35
Sound power level	30Pa (H/M/L)	60/55/46	56/51/44	59/55/48	62/58/52	63/58/52
Type		Low noise 3-speed fan motor				
Fan motor	Quantity	1	1	1	1	1
Type		Centrifugal, forward-curved Blades				
Fan	Quantity	1	2	2	2	2
	Row	3	3	3	3	3
Coil	Max. working pressure	1.6	1.6	1.6	1.6	1.6
	Diameter	Ø952	Ø952	Ø952	Ø952	Ø952
	Net dimensions (WxHxD)	741x241x522	841x241x522	941x241x522	1161x241x522	
Packing size (WxHxD)	mm	790x260x555	890x260x555	990x260x555	1210x260x555	
Net weight	kg	15.1	17.5	20.7	20.7	23.5
Gross weight	kg	17.4	20	23.1	23.1	26.5
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4	R3/4

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C. Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 65°C, leaving water 55°C. Entering air temperature 20°C DB.
3. Noise is tested in a reverberation chamber test room.
4. The external static pressure test condition is 0 Pa.

Model		MKT3-800FG30A	MKT3-1000FG30A	MKT3-1200FG30A	MKT3-1400FG30A
Power supply	V/Ph/Hz	220-240/1/50			
Air flow (H/M/L)	m³/h	1349/1062/820	1749/1350/1006	2099/1698/1145	2226/1720/1173
	CFM	800/600/400	1000/750/500	1200/900/600	1400/1050/700
Standard external static pressure		G30 models: 30			
Cooling	Capacity (H/M/L)	6.16/5.38/4.55	7.15/6.17/5.21	7.36/6.72/5.54	10.16/8.85/7.02
	Water flow rate (H/M/L)	1.11/0.97/0.82	1.29/1.11/0.94	1.32/1.21/1	1.83/1.59/1.26
	Water pressure drop (H/M/L)	26.3/20.6/15.5	32/24/4/18.1	41.3/34.9/24.7	74.8/58.3/39
Heating	Capacity (H/M/L)	6.04/5.41/4.73	7.22/6.43/5.62	8.89/8.09/6.73	9.84/8.78/7.28
	Water flow rate (H/M/L)	0.55/0.5/0.43	0.66/0.59/0.52	0.82/0.74/0.62	0.9/0.81/0.67
	Water pressure drop (H/M/L)	11/8.9/10.4	17.3/14.2/11	27.6/23.3/16.9	33.6/27.6/20
Power input	30Pa (H/M/L)	1.69/1.44/1.27	224/197/177	270/234/195	308/238/197
Sound pressure level	30Pa (H/M/L)	46/42/36	47/43/37	48/44/38	49/45/39
Sound power level	30Pa (H/M/L)	62/57/50	66/60/54	66/62/56	66/62/57
Type		Low noise 3-speed fan motor			
Fan motor	Quantity	2	2	2	2
Type		Centrifugal, forward-curved Blades			
Fan	Quantity	4	4	4	4
	Row	3	3	3	3
Coil	Max. working pressure	1.6	1.6	1.6	1.6
	Diameter	Ø952	Ø952	Ø952	Ø952
	Net dimensions (WxHxD)	1461x241x522	1566x241x522	1856x241x522	2022x241x522
Packing size (WxHxD)	mm	1510x260x555	1615x260x555	1905x260x555	2070x260x555
Net weight	kg	32.4	34.9	40	43.6
Gross weight	kg	36	38.6	43.5	48.9
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C. Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 65°C, leaving water 55°C. Entering air temperature 20°C DB.
3. Noise is tested in a reverberation chamber test room.
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