

4-Row Duct

Model MKT4-			200G30	300G30	400G30	500G30	600G30	800G30	1000G30	
Air flow	H/M/L	m³/h	340/255/170	510/385/255	680/510/340	850/640/425	1020/765/510	1360/1020/680	1700/1275/850	
	H/M/L	CFM	200/150/100	300/225/150	400/300/200	500/375/250	600/450/300	800/600/400	1000/750/500	
External Static pressure		Pa	30	30	30	30	30	30	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	9.5/8.18/7.06
	Water flow rate	H	l/h	430	568	757	826	1066	1514	1634
	Water pressure drop	H	kPa	2.6	5	8.1	9.8	15.4	12.3	18
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	16.3/13.45/12.05
	Water flow rate	H	l/h	2.2	4.2	6.9	8.1	12.7	10	15.4
	Water pressure drop	H	kPa	2.2	4.2	6.9	8.1	12.7	10	15.4
Power supply		V/ph/Hz	220-240/1/50							
Power input	H	W	50	65	80	98	110	155	180	
Sound pressure level	H/M/L	dB(A)	37/33/27	38/34/28	38/35/29	40/35/30	41/36/31	42/37/32	44/39/33	
Fan motor	Type	Low noise 4-speed fan motor								
	Quantity		1	1	1	1	1	2	2	
Fan	Type	Centrifugal, forward-curved Blades								
	Quantity		1	2	2	2	2	4	4	
Coil	Row	4								
	Max. Working pressure	MPa	1.6							
	Diameter	mm	Φ9.52							
Body	Dimensions	W×H×D	mm	741×241×522	841×241×522	941×241×522	941×241×522	1161×241×522	1461×241×522	1566×241×522
	Packing	W×H×D	mm	790×260×550	890×260×550	990×260×550	990×260×550	1210×260×550	1510×260×550	1615×260×550
	Net weight	kg	15.3	17.5	20.7	20.7	23.5	32.9	35.4	
	Gross weight	kg	17.6	20	23.1	23.1	26.5	36.5	39.1	
	Pipe connection	Water inlet/outlet pipe	Inch	RC3/4						
	Drain pipe	mm	ODΦ24							

Model MKT4-			1200G30	1400G30	1500	1500G50	2000	2000G50	
Air flow	H/M/L	m³/h	2040/1530/1020	2380/1785/1190	2550/2100/1300	2550/2100/1300	3400/2550/1700	3400/2550/1700	
	H/M/L	CFM	1200/900/600	1400/1050/700	1500/1240/760	1500/1240/760	2000/1500/1000	2000/1500/1000	
External Static pressure		Pa	30	30	30	50	30	50	
Cooling	Capacity	H/M/L	kW	11.8/9.82/8.74	13/11.23/9.83	13.5/11.5/10.1	13.5/11.5/10.1	18/15.3/13.5	18/15.3/13.5
	Water flow rate	H	l/h	2030	2236	2322	2322	3096	3096
	Water pressure drop	H	kPa	21.2	24.7	11.5	11.5	26.2	26.2
Heating	Capacity	H/M/L	kW	16.5/14.05/12.23	17/14.31/12.69	17.5/14.9/13.2	17.5/14.9/13.2	23.4/19.8/17.5	23.4/19.8/17.5
	Water flow rate	H	l/h	17.6	20.8	10	10	24.3	24.3
	Water pressure drop	H	kPa	17.6	20.8	10	10	24.3	24.3
Power supply		V/ph/Hz	220-240/1/50						
Power input	H	W	220	275	236	474	360	665	
Sound pressure level	H/M/L	dB(A)	45/40/34	47/42/36	48/44/39	51/47/42	50/46/41	53/49/44	
Fan motor	Type	Low noise 4-speed fan motor							
	Quantity		2	2	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades							
	Quantity		4	4	2	2	3	3	
Coil	Row	4							
	Max. Working pressure	MPa	1.6						
	Diameter	mm	Φ9.52						
Body	Dimensions	W×H×D	mm	1856×241×522	2022×241×522	1369×342×612	1369×342×612	1500×342×612	1500×342×612
	Packing	W×H×D	mm	1905×260×550	2070×260×550	1421×381×619	1421×381×619	1552×381×619	1552×381×619
	Net weight	kg	40.5	44.1	46	46	57	53.7	
	Gross weight	kg	44	49.4	49.8	50	61	58.6	
	Pipe connection	Water inlet/outlet pipe	Inch	RC3/4					
	Drain pipe	mm	ODΦ24						

Note:
 1. H: high fan speed; M: medium fan speed; L: low fan speed.
 2. The data is the performance in relevant 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. The noise is tested in the semi-anechoic test room.

4-Pipe Duct

Model MKT3-			200FG12 200FG30	300FG12 300FG30	400FG12 400FG30	500FG12 500FG30	600FG12 600FG30	
Air flow	H/M/L	m³/h	340/255/170	510/385/255	680/510/340	850/640/425	1020/765/510	
	H/M/L	CFM	200/150/100	300/225/150	400/300/200	500/375/250	600/450/300	
External Static pressure		Pa	G12 models: 12; G30 models: 30					
Cooling	Capacity	H/M/L	kW	2/1.76/1.52	2.7/2.35/2.13	3.6/3.15/2.76	4.3/3.74/3.32	5/4.32/3.84
	Water flow rate	H	l/h	344	464	619	740	860
	Water pressure drop	H	kPa	7.6	14.4	8.2	9.5	17.2
Heating	Capacity	H/M/L	kW	3/2.64/2.22	4/3.48/3	5.2/4.47/3.9	5.7/5.02/4.33	7.2/6.19/5.33
	Water flow rate	H	l/h	258	344	447	490	619
	Water pressure drop	H	kPa	6.8	12.5	23.5	24.0	40.7
Power supply		V/ph/Hz	220-240/1/50					
Power input	12Pa	H	W	33	53	66	87	100
	30Pa	H	W	49	64	75	96	114
Sound pressure level	12Pa	H/M/L	dB(A)	35/32/26	36/33/27	37/34/28	40/36/30	42/38/32
	30Pa	H/M/L	dB(A)	41/37/31	42/38/32	43/39/33	44/40/34	45/41/35
Fan motor	Type	Low noise 4-speed fan motor						
	Quantity		1	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades						
	Quantity		1	2	2	2	2	
Coil	Row	3						
	Max. Working pressure	MPa	1.6					
	Diameter	mm	Φ9.52					
Body	Dimensions	W×H×D	mm	741×241×522	841×241×522	941×241×522	941×241×522	1161×241×522
	Packing	W×H×D	mm	790×260×550	890×260×550	990×260×550	990×260×550	1210×260×550
	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	
	Pipe connection	Water inlet/outlet pipe	Inch	RC3/4				
	Drain pipe	mm	ODΦ24					

Model MKT3-			800FG12 800FG30	1000FG12 1000FG30	1200FG12 1200FG30	1400FG12 1400FG30	
Air flow	H/M/L	m³/h	1360/1020/680	1700/1275/850	2040/1530/1020	2380/1785/1190	
	H/M/L	CFM	800/600/400	1000/750/500	1200/900/600	1400/1050/700	
External Static pressure		Pa	G12 models: 12; G30 models: 30				
Cooling	Capacity	H/M/L	kW	6.8/5.78/5.11	7.8/6.74/5.88	10.2/8.89/7.85	11.5/9.9/8.86
	Water flow rate	H	l/h	1170	1342	1754	1978
	Water pressure drop	H	kPa	18.8	30.0	40.3	51.9
Heating	Capacity	H/M/L	kW	9.6/8.45/7.2	10.8/9.61/8.1	13.5/12.15/10.26	15.5/13.48/11.78
	Water flow rate	H	l/h	826	929	1161	1333
	Water pressure drop	H	kPa	20.7	34.7	28.6	55.2
Power supply		V/ph/Hz	220-240/1/50				
Power input	12Pa	H	W	145	180	210	222
	30Pa	H	W	154	193	230	278
Sound pressure level	12Pa	H/M/L	dB(A)	43/39/33	45/41/35	46/42/36	48/44/38
	30Pa	H/M/L	dB(A)	46/42/36	47/43/37	48/44/38	49/45/39
Fan motor	Type	Low noise 4-speed fan motor					
	Quantity		2	2	2	2	
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity		4	4	4	4	
Coil	Row	3					
	Max. Working pressure	MPa	1.6				
	Diameter	mm	Φ9.52				
Body	Dimensions	W×H×D	mm	1461×241×522	1566×241×522	1856×241×522	2022×241×522
	Packing	W×H×D	mm	1510×260×550	1615×260×550	1905×260×550	2070×260×550
	Net weight	kg	32.4	34.9	40	43.6	
	Gross weight	kg	36	38.6	43.5	48.9	
	Pipe connection	Water inlet/outlet pipe	Inch	RC3/4			
	Drain pipe	mm	ODΦ24				

Note:
 1. H: high fan speed; M: medium fan speed; L: low fan speed.
 2. The data is the performance in relevant 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 70°C, entering/leaving temperature difference is 10°C, entering air temperature 20°C DB.
 4. The noise is tested in the semi-anechoic test room.