

Duct

2-Pipe duct



4-pipe duct

Features

- Capacity range: 200~2000CFM, available in 2-pipe and 4-pipe.
- 220-240V/1Ph/50Hz power supply is standard, 208-230V/1Ph/60Hz can be customized.
- Wide external static pressure supplying. Three external static pressure (12Pa/30Pa/50Pa) settings for added flexibility.
- A patent design is able to prevent abnormal noise caused by blowing flins.
- Higher efficient heat exchange for complete contranatat flow.
- Safe factory-installed electric heater is optional.
- Standard extended drainage pan for protecting your ceiling better.
- Return air plenum and filter are standard.
- Left or right hand piping connections, field convertible.
- Fresh air supply makes life healthier and more comfortable.

2-Row Duct

12Pa ESP	MKT2-200(E)G12	MKT2-300(E)G12	MKT2-400(E)G12	MKT2-500(E)G12	MKT2-600(E)G12	MKT2-800(E)G12	MKT2-1000(E)G12	MKT2-1200(E)G12	MKT2-1400(E)G12
30Pa ESP	MKT2-200(E)G30	MKT2-300(E)G30	MKT2-400(E)G30	MKT2-500(E)G30	MKT2-600(E)G30	MKT2-800(E)G30	MKT2-1000(E)G30	MKT2-1200(E)G30	MKT2-1400(E)G30

3-Row Duct

12Pa ESP	MKT3-200(E)G12	MKT3-300(E)G12	MKT3-400(E)G12	MKT3-500(E)G12	MKT3-600(E)G12	MKT3-800(E)G12	MKT3-1000(E)G12	MKT3-1200(E)G12	MKT3-1400(E)G12	
30Pa ESP	MKT3-200(E)G30	MKT3-300(E)G30	MKT3-400(E)G30	MKT3-500(E)G30	MKT3-600(E)G30	MKT3-800(E)G30	MKT3-1000(E)G30	MKT3-1200(E)G30	MKT3-1400(E)G30	
50Pa ESP	50Pa can be customized					MKT3-800G50-A4	MKT3-1000G50-A4			

4-Row Duct

12Pa ESP	12Pa can be customized									
30Pa ESP	MKT4-200(E)G30	MKT4-300(E)G30	MKT4-400(E)G30	MKT4-500(E)G30	MKT4-600(E)G30	MKT4-800(E)G30	MKT4-1000(E)G30	MKT4-1200(E)G30	MKT4-1400(E)G30	
50Pa ESP	MKT4-800G50-A4	MKT4-1000G50-A4	MKT4-1200G50-A4	MKT4-1400G50-A4	MKT4-1600G50-A4	MKT4-1800G50-A4	MKT4-2000G50-A4			

4-Pipe Duct

12Pa ESP	MKT3-200FG12	MKT3-300FG12	MKT3-400FG12	MKT3-500FG12	MKT3-600FG12	MKT3-800FG12	MKT3-1000FG12	MKT3-1200FG12	MKT3-1400FG12
30Pa ESP	MKT3-200FG30	MKT3-300FG30	MKT3-400FG30	MKT3-500FG30	MKT3-600FG30	MKT3-800FG30	MKT3-1000FG30	MKT3-1200FG30	MKT3-1400FG30
50Pa ESP	50Pa can be customized								

4-Pipe Duct

Model MKT3-				200FG12 200FG30	300FG12 300FG30	400FG12 400FG30	500FG12 500FG30	600FG12 600FG30
Air flow	H/M/L	m ³ /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
	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	m ³ /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
	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.