

Duct Series

2-Pipe Duct



4-Pipe Duct



Various Selections >>

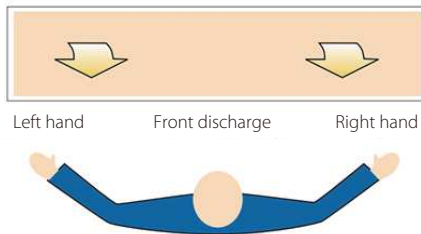
- ❖ Versions for normal/high temperature different systems.
- ❖ 2, 3 or 4 row coils for 2-pipe system, and 3 row coils for 4-pipe system.
- ❖ Large range of available static pressure.

High Efficiency and Low Sound Operation >>

- ❖ Due to the DC brushless fan motor, the unit operates in high efficiency and low sound level.

Flexible Installation >>

- ❖ Left and right hand piping connections are optional, flexible installation.

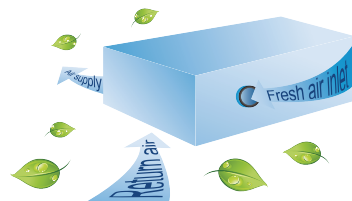


Standard Return Air Plenum and Filter >>

- ❖ Standard return air plenum and filter guarantees clean air supply and stable air flow rate.

Fresh Air Intake >>

- ❖ Fresh air can enter through the duct unit so you can enjoy even fresher air in the room.



2-Pipe 2-Row Duct



Model	MKT2-V200		MKT2-V300		MKT2-V400		MKT2-V500		
Power supply	V/Ph/Hz		220-240/1/50						
Air flow (H/M/L)	m ³ /h		340/255/170		510/385/255		680/510/340		
	CFM		200/150/100		300/225/150		400/300/200		
Standard external static pressure	Pa		12Pa (default), 30/50Pa can be set through dial switch on PCB						
Cooling	Capacity (H/M/L)	kW	2/1.74/1.52		2.7/2.31/2.03		3.6/3.11/2.66		
	Water flow rate	L/h	344		464		619		
	Water pressure drop	kPa	6.1		11.4		20.4		
Heating	Capacity (H/M/L)	kW	3.2/2.75/2.37		4.3/3.74/3.23		5.4/4.64/4.05		
	Water pressure drop	kPa	5.6		9.7		17.7		
Power input (H)	W		20		26		38		
Sound pressure level	12Pa (H/M/L)	dB(A)	35/32/25		36/33/26		37/34/27		
	30Pa (H/M/L)	dB(A)	40/36/29		41/37/30		42/38/31		
	50Pa (H/M/L)	dB(A)	43/39/31		44/40/32		45/41/33		
Fan motor	Type	DC motor							
	Quantity	1							
Fan	Type	Centrifugal, forward-curved Blades							
	Quantity	1		2		2		2	
Coil	Row	2							
	Max. working pressure	MPa	1.6						
	Diameter	mm	Ø9.52						
Net dimensions (WxHxD)	mm	741x241x522		841x241x522		941x241x522		941x241x522	
Packing size (WxHxD)	mm	790x260x550		890x260x550		990x260x550		990x260x550	
Net weight	kg	16.5		18.5		20		20	
Gross weight	kg	19		21.4		23.2		23.2	
Water inlet/outlet pipe	inch	RC3/4							
Drain pipe	inch	R3/4							

Model	MKT2-V600		MKT2-V800		MKT2-V1000		MKT2-V1200		
Power supply	V/Ph/Hz		220-240/1/50						
Air flow (H/M/L)	m ³ /h		1020/765/510		1360/1020/680		1700/1275/850		
	CFM		600/450/300		800/600/400		1000/750/500		
Standard external static pressure	Pa		12Pa (default), 30/50Pa can be set through dial switch on PCB						
Cooling	Capacity (H/M/L)	kW	5.5/4.58/4.09		7.5/6.33/5.68		8.9/7.61/6.41		
	Water flow rate	L/h	946		1290		1531		
	Water pressure drop	kPa	13.9		12.4		21.4		
Heating	Capacity (H/M/L)	kW	8.1/6.77/5.92		11/9.48/8.25		13.5/11.72/10.03		
	Water pressure drop	kPa	11.6		10.6		18.4		
Power input (H)	W		54		74		99		
Sound pressure level	12Pa (H/M/L)	dB(A)	39/36/29		40/37/30		42/39/32		
	30Pa (H/M/L)	dB(A)	44/40/33		45/41/34		46/42/34		
	50Pa (H/M/L)	dB(A)	47/43/35		48/44/36		50/45/37		
Fan motor	Type	DC motor							
	Quantity	1		2		2		2	
Fan	Type	Centrifugal, forward-curved Blades							
	Quantity	2		4		4		4	
Coil	Row	2							
	Max. working pressure	MPa	1.6						
	Diameter	mm	Ø9.52						
Net dimensions (WxHxD)	mm	1161x241x522		1461x241x522		1566x241x522		1856x241x522	
Packing size (WxHxD)	mm	1210x260x550		1510x260x550		1615x260x550		1905x260x550	
Net weight	kg	22.2		31.4		32.5		37.5	
Gross weight	kg	26		35.8		37.2		42.8	
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. Air flow rate at 0Pa ESP.
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.