

4-Pipe 3-Row Duct



Model MKT3-		V200F	V300F	V400F	V500F	
Power supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	
Air flow (H/M/L)	m ³ /h	320/210/140	450/340/280	530/390/260	690/470/370	
	CFM	190/120/85	270/200/170	320/230/160	410/280/220	
Standard external static pressure	Pa	12Pa (default), 30/50Pa can be set through dial switch on PCB.				
Cooling	Capacity (H/M/L)	kW	1.4/1.1/0.8	2.2/1.7/1.5	2.5/2.0/1.5	3.0/2.4/1.9
	Water flow rate	L/h	270	380	470	540
	Water pressure drop	kPa	10.2	10.5	11.3	13.6
Heating	Capacity (H/M/L)	kW	2.1/1.7/1.4	3.0/2.6/2.1	3.7/3.2/2.5	4.4/3.6/3.0
	Water pressure drop	kPa	8.9	9.1	10.1	11.7
Power input	W	14	19	24	36	
Sound pressure level	12Pa (H/M/L)	dB(A)	35/25/23	36/29/23	38/32/24	43/35/27
	30Pa (H/M/L)	dB(A)	41/32/25	39/30/25	44/38/28	46/37/30
	50Pa (H/M/L)	dB(A)	43/34/26	44/36/26	47/41/28	48/42/33
Fan motor	Type		DC Motor	DC Motor	DC Motor	DC Motor
	Quantity		1	1	1	1
Fan	Type		Centrifugal, forward-curved Blades			
	Quantity		1	2	2	2
	Row		3	3	3	3
Coil	Max. Working pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	Ø9.52	Ø9.52	Ø9.52	Ø9.52
Net Dimensions (WxHxD)	mm	741x241x522	841x241x522	941x241x522	941x241x522	
Packing size (WxHxD)	mm	790x260x550	890x260x550	990x260x550	990x260x550	
Net weight	kg	17.2	19.5	21.5	21.5	
Gross weight	kg	20.2	22.5	24.5	24.5	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4	

Model MKT3-		V600F	V800F	V1000F	V1200F	
Power supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	
Air flow (H/M/L)	m ³ /h	900/670/440	1240/840/670	1610/1160/790	1850/1400/970	
	CFM	530/400/260	730/500/400	950/690/470	1090/830/570	
Standard external static pressure	Pa	12Pa (default), 30/50Pa can be set through dial switch on PCB.				
Cooling	Capacity (H/M/L)	kW	4.2/3.5/2.5	5.3/4.1/3.1	6.7/5.4/3.9	8.2/6.5/4.6
	Water flow rate	L/h	730	930	1180	1400
	Water pressure drop	kPa	15.3	12.8	21.6	34.9
Heating	Capacity (H/M/L)	kW	5.7/4.8/3.4	6.8/5.5/4.6	8.2/6.9/5.2	10.1/8.6/6.8
	Water pressure drop	kPa	12.7	12.0	15.5	25.73
Power input	W	45	57	87	95	
Sound pressure level	12Pa (H/M/L)	dB(A)	46/39/30	46/38/30	48/41/31	47/40/30
	30Pa (H/M/L)	dB(A)	49/41/33	49/43/33	49/42/33	50/42/34
	50Pa (H/M/L)	dB(A)	51/44/39	52/45/37	51/44/35	53/45/37
Fan motor	Type		DC Motor	DC Motor	DC Motor	
	Quantity		1	2	2	
Fan	Type		Centrifugal, forward-curved Blades			
	Quantity		2	4	4	4
	Row		3	3	3	3
Coil	Max. Working pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	Ø9.52	Ø9.52	Ø9.52	Ø9.52
Net Dimensions (WxHxD)	mm	1161x241x522	1461x241x522	1566x241x522	1856x241x522	
Packing size (WxHxD)	mm	1210x260x550	1510x260x550	1615x260x550	1905x260x550	
Net weight	kg	24.2	33.5	35.2	39.7	
Gross weight	kg	27.7	37.7	39.7	44.9	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4	

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.

2. Air flow rate at 12Pa ESP.

3. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C WB/19°C DB

Heating conditions: entering water 50°C, entering air temperature 20°C, the same water flow as the cooling conditions.

4. Noise is tested in a semi-anechoic test room.

Wall Mounted

C Type Panel



S Type Panel



Stylish Panel >>

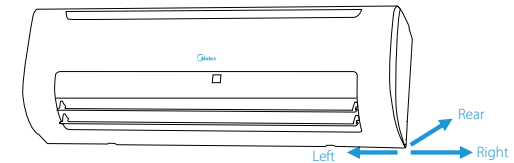
- ❖ Stylish front panel blends easily within any interior décor, ideal for use in shops, restaurants or offices with no or narrow false ceilings.

High Efficiency and Low Sound Operation >>

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

Convenient Installation >>

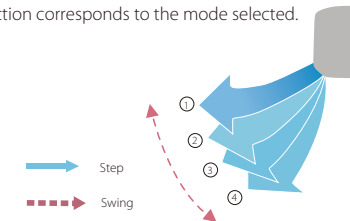
- ❖ Multi-directional outlet pipe feature: left/right/rear, to meet the needs of different rooms.



Built-In 3-Way Electromagnetic Valve >>

Auto Swing Louver >>

- ❖ The Auto Swing Louver function ensures that the air direction corresponds to the mode selected.



Easy Maintenance >>

- ❖ Removable front panel making maintenance convenient.



Wall Mounted (C Panel)



Model		MKG-V250	MKG-V300	MKG-V400	MKG-V500	MKG-V600	
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m ³ /h	425/410/320	510/427/349	680/550/504	850/692/586	1020/820/670	
	CFM	250/241/188	300/251/205	400/324/297	500/407/345	600/483/394	
Cooling	Capacity (H/M/L)	kW	2.2/1.84/1.64	2.64/2.48/2.06	3.08/2.90/2.66	4.07/3.78/3.05	4.45/3.95/3.21
	Water flow rate	L/h	378	454	530	700	765
	Water pressure drop	kPa	23.1	33.6	42	34.9	36.3
Heating	Capacity (H/M/L)	kW	3.02/2.85/2.35	3.69/2.92/2.49	4.34/3.77/3.35	5.69/4.14/3.63	6.30/5.17/4.18
	Water pressure drop	kPa	22	31.4	40	29.7	32.8
Power input (H)	W	10.7	14.3	33	28	37.5	
Sound pressure level	dB(A)	30/26/23	32/28/25	36/32/29	38/34/30	40/36/31	
Fan motor	Type	DC motor					
	Quantity	1					
Fan	Type	Tangential fan					
	Quantity	1					
Coil	Row	2					
	Max. working pressure	MPa	1.6				
	Diameter	mm	Φ7				
Net dimensions (WxHxD)	mm	915x290x210	915x290x210	915x290x210	1070x315x210	1070x315x210	
Packing size (WxHxD)	mm	1020x385x300	1020x385x300	1020x385x300	1180x410x300	1180x410x300	
Net weight	kg	12	12	12	14.7	14.8	
Gross weight	kg	15.6	15.6	15.6	18.6	18.8	
Water inlet/outlet pipe	inch	G3/4					
Drain pipe	mm	ODΦ20					

Wall Mounted (S Panel)



Model		MKG-V250B	MKG-V300B	MKG-V400B	MKG-V500B	MKG-V600B	
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m ³ /h	425/410/320	510/427/349	680/550/504	850/692/586	1020/820/670	
	CFM	250/241/188	300/251/205	400/324/297	500/407/345	600/483/394	
Cooling	Capacity (H/M/L)	kW	2.63/2.2/1.97	2.97/2.48/2.06	3.28/2.90/2.66	4.25/3.78/3.05	5.0/3.95/3.21
	Water flow rate	L/h	452	511	564	731	860
	Water pressure drop	kPa	23.1	33.6	42	34.9	36.3
Heating	Capacity (H/M/L)	kW	3.36/2.85/2.35	3.91/2.92/2.49	4.37/3.77/3.35	5.81/4.14/3.63	6.7/5.17/4.18
	Water pressure drop	kPa	22	31.4	40	29.7	32.8
Power input (H)	W	10.7	14.3	33	28	37.5	
Sound pressure level	dB(A)	30/26/23	32/28/25	36/32/29	38/34/30	40/36/31	
Fan motor	Type	DC motor					
	Quantity	1					
Fan	Type	Tangential fan					
	Quantity	1					
Coil	Row	2					
	Max. working pressure	MPa	1.6				
	Diameter	mm	Φ7				
Net dimensions (WxHxD)	mm	915x290x230	915x290x230	915x290x230	1072x315x230	1072x315x230	
Packing size (WxHxD)	mm	1020x390x315	1020x390x315	1020x390x315	1180x415x315	1180x415x315	
Net weight	kg	12.7	12.7	12.7	15.1	14.9	
Gross weight	kg	17.3	17.6	16.3	19	18.6	
Water inlet/outlet pipe	inch	G3/4					
Drain pipe	mm	ODΦ20					

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.

2. 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.

3. Noise is tested in a semi-anechoic test room.

Ceiling & Floor

**Concealed Type
H3 Series**

**Exposed Type
(air return from side)
H4 Series**

**Exposed Type
(air return from bottom)
H5 Series**


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 >>

- Cabinet and concealed versions meet various installation requirements.
- Horizontal or vertical installation.



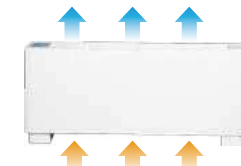
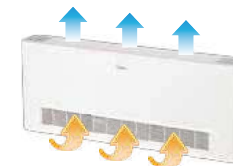
Floor installation



Ceiling installation

Flexible Air Return Type >>

- Air return can be from side or bottom.



Movable Louver >>

- Removable louver making maintenance convenient.

