

6.2 A type panel

MKG-250-C / MKG-300-C / MKG-400-C

Model			MKG-250-C	MKG-300-C	MKG-400-C
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m ³ /h	435/396/342	523/426/351	660/534/480
		CFM	256/233/201	308/251/206	388/314/282
Cooling	Capacity (H/M/L)	kW	1.94/1.84/1.68	2.64/2.4/1.99	2.94/2.58/2.34
	Water flow rate(H/M/L)	m ³ /h	0.35/0.33/0.3	0.47/0.43/0.36	0.53/0.46/0.42
	Water pressure drop(H/M/L)	kPa	31.6/28.6/25.2	37.5/30/24	57.2/47.6/38.7
Heating	Capacity (H/M/L)	kW	2.34/2.15/1.94	2.9/2.6/2.22	3.46/2.75/2.52
	Water flow rate(H/M/L)	m ³ /h	0.43/0.39/0.35	0.53/0.47/0.4	0.63/0.5/0.46
	Water pressure drop(H/M/L)	kPa	35.2/34.9/30	39.3/31.5/25	70.8/55.1/46.2
Power input (H/M/L)		W	35/32/31	47/43/39	50/51/47
Current Input		A	0.11	0.17	0.18
Sound pressure level		dB(A)	30/24/20	35/29/24	37/31/26
Fan motor	Type	Low noise 3-speed fan motor			
	Quantity		1	1	1
Fan	Type	Tangential fan			
	Quantity		1	1	1
Coil	Row		2	2	2
	Diameter	mm	Φ7	Φ7	Φ7
	Tube pitch(a)xrow pitch(b)	mm	21×13.37	21×13.37	21×13.37
	Dimension (W×H×D)	mm	635×315×26.74	635×315×26.74	635×315×26.74
	Fin spacing	mm	1.5	1.5	1.5
	Fin type	Hydrophilic aluminium			
	Circuit		5	5	5
	Max. working pressure	MPa	1.6	1.6	1.6
Body	Net dimensions (W×H×D)	mm	915×290×233	915×290×233	915×290×233
	Packing size (W×H×D)	mm	1020×390×315	1020×390×315	1020×390×315
	Net weight	kg	13	13	13.3
	Gross weight	kg	16.3	16.3	16.7
Pipe connections	Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4
	Drain pipe	mm	ODΦ20	ODΦ20	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, Enter air temperature 20°C, and water flow is same to the cooling conditions.
3. Noise is tested in semi-anechoic test room.

AC Fan Coil Unit Two-pipe Wall-mounted Series



MKG-500-C / MKG-600-C

Model			MKG-500-C	MKG-600-C
Power supply		V/Ph/Hz	220-240/1/50	
Air flow (H/M/L)		m ³ /h	841/723/594	915/836/714
		CFM	495/425/349	538/492/420
Cooling	Capacity (H/M/L)	kW	4.01/3.61/3.1	4.61/4.33/3.84
	Water flow rate(H/M/L)	m ³ /h	0.72/0.65/0.56	0.83/0.78/0.69
	Water pressure drop(H/M/L)	kPa	47.1/33.5/29.7	51/39.5/34
Heating	Capacity (H/M/L)	kW	4.39/3.8/3.27	4.55/4.2/3.82
	Water flow rate(H/M/L)	m ³ /h	0.8/0.69/0.6	0.83/0.76/0.69
	Water pressure drop(H/M/L)	kPa	48.6/40.8/31.7	48/43/33
Power input (H/M/L)		W	60/54/48	72/60/55
Current Input		A	0.22	0.29
Sound pressure level		dB(A)	39/33/28	40/34/29
Fan motor	Type		Low noise 3-speed fan motor	Low noise 3-speed fan motor
	Quantity		1	1
Fan	Type		Tangential fan	Tangential fan
	Quantity		1	1
Coil	Row		2	2
	Diameter	mm	Φ7	Φ7
	Tube pitch(a)xrow pitch(b)	mm	21×13.37	21×13.37
	Dimension (W×H×D)	mm	785×315×26.74	785×315×26.74
	Fin spacing	mm	1.5	1.5
	Fin type		Hydrophilic aluminium	Hydrophilic aluminium
	Circuit		5	5
	Max. working pressure	MPa	1.6	1.6
Body	Net dimensions (W×H×D)	mm	1072×315×237	1072×315×237
	Packing size (W×H×D)	mm	1180×415×315	1180×415×315
	Net weight	kg	15.8	15.8
	Gross weight	kg	19.4	19.4
Pipe connections	Water inlet/outlet pipe	inch	G3/4	G3/4
	Drain pipe	mm	ODΦ20	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, Enter air temperature 20°C, and water flow is same to the cooling conditions.
3. Noise is tested in semi-anechoic test room.