

5. Specifications

5.1 S type panel

MKG-V250B / MKG-V300B / MKG-V400B

Model			MKG-V250B	MKG-V300B	MKG-V400B
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	492/454/400	585/485/413	825/689/590
		CFM	289/267/235	344/285/242	485/405/347
Cooling1	Capacity (H/M/L)	kW	2.7/2.59/2.39	2.91/2.54/2.19	3.81/3.3/2.88
	Water flow rate(H/M/L)	m³/h	0.48/0.46/0.42	0.51/0.45/0.38	0.67/0.57/0.51
	Water pressure drop(H/M/L)	kPa	31.61/28.63/25.36	37.2/29.73/23.36	56.75/41.23/33.02
	Power input(H/M/L)	W	13/11/10	15/11/9	33/22/15
Heating2	Capacity (H/M/L)	kW	2.94/2.8/2.58	3.23/2.77/2.42	4.3/3.65/3.09
	Water flow rate(H/M/L)	m³/h	0.51/0.49/0.46	0.56/0.49/0.42	0.73/0.64/0.56
	Water pressure drop(H/M/L)	kPa	32.66/34.89/30.24	34.12/31.53/25.1	51.86/47.53/35.69
	Power input(H/M/L)	W	11/11/9	14/10/8	31/20/14
Heating3	Capacity (H/M/L)	kW	3.29/3.03/2.63	3.76/3.22/2.77	5.08/4.33/3.77
	Water flow rate(H/M/L)	m³/h	0.48/0.46/0.42	0.51/0.45/0.38	0.67/0.57/0.51
	Water pressure drop(H/M/L)	kPa	37.49/30.25/26.53	40.64/27.03/20.98	61.94/37.88/30.34
	Power input(H/M/L)	W	12/10/8	14/10/8	31/20/14
Sound pressure level (H/M/L)		dB(A)	32/30/27	32/27/23	45/39/35
Rated current		A	0.16	0.19	0.28
Fan motor	Type		DC Motor	DC Motor	DC Motor
	Quantity		1	1	1
Fan	Type		Tangential fan	Tangential fan	Tangential fan
	Quantity		1	1	1
Coil	Row		2		
	Max. Working pressure	MPa	1.6		
	Coil length x height	mm	635x26.74		
	Fin spacing	mm	1.5		
	Fin type		Hydrophilic aluminum		
	Number of circuits		5		
	Diameter	mm	Φ7		
Body	Net dimensions (W×H×D)	mm	915×290×230	915×290×230	915×290×230
	Packing size (W×H×D)	mm	1020×390×315	1020×390×315	1020×390×315
	Net weight	kg	12.7	12.7	12.7
	Gross weight	kg	17.3	17.6	16.3
Pipe connection	Water inlet/outlet pipe	inch	G3/4		
	Drain pipe	mm	ODΦ20		

DC Fan Coil Unit Two-pipe Wall-mounted Series



MKG-V500B / MKG-V600B

Model			MKG-V500B	MKG-V600B
Power supply		V/Ph/Hz	220-240/1/50	
Air flow (H/M/L)		m³/h	862/741/634	979/849/717
		CFM	507/435/372	575/499/421
Cooling ¹	Capacity (H/M/L)	kW	4.47/3.98/3.48	4.87/4.26/3.79
	Water flow rate(H/M/L)	m³/h	0.77/0.68/0.61	0.85/0.72/0.65
	Water pressure drop(H/M/L)	kPa	41.17/33.54/27.05	50.68/39.47/33.66
	Power input(H/M/L)	W	26/18/13	38/26/18
Heating ²	Capacity (H/M/L)	kW	4.84/4.23/3.62	5.26/4.68/3.96
	Water flow rate(H/M/L)	m³/h	0.84/0.73/0.64	0.89/0.80/0.68
	Water pressure drop(H/M/L)	kPa	36.82/33.83/26.26	47.12/42.75/32.95
	Power input(H/M/L)	W	22/16/12	33/23/16
Heating ³	Capacity (H/M/L)	kW	5.68/4.94/4.24	6.31/5.57/4.77
	Water flow rate(H/M/L)	m³/h	0.77/0.68/0.61	0.85/0.72/0.65
	Water pressure drop(H/M/L)	kPa	43.74/29.69/23.98	51.65/36.3/30.3
	Power input(H/M/L)	W	23/16/12	33/23/16
Sound pressure level (H/M/L)		dB(A)	38/34/30	44/40/35
Rated current		A	0.32	0.39
Fan motor	Type		DC Motor	DC Motor
	Quantity		1	1
Fan	Type		Tangential fan	Tangential fan
	Quantity		1	1
Coil	Row		2	
	Max. Working pressure	MPa	1.6	
	Coil length x height	mm	785x26.74	
	Fin spacing	mm	1.5	
	Fin type		Hydrophilic aluminum	
	Number of circuits		7	
	Diameter	mm	Φ7	
Body	Net dimensions (W×H×D)	mm	1072×315×230	1072×315×230
	Packing size (W×H×D)	mm	1180×415×315	1180×415×315
	Net weight	kg	15.1	14.9
	Gross weight	kg	19	18.6
Pipe connection	Water inlet/outlet pipe	inch	G3/4	
	Drain pipe	mm	ODΦ20	

Note:

Based on Eurovent conditions:

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

1: Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/19°C WB, entering/leaving water temperature 7°C /12°C.

2: Heating mode (1) (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C.

3: Heating mode (2) (2-pipe coil): entering air temperature 20°C DB, enter water teperature/water flow 50°C. (same water flow as in standard rating condition in cooling)

5.2 A type panel

MKG-V250C / MKG-V300C / MKG-V400C

Model			MKG-V250C	MKG-V300C	MKG-V400C
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	492/454/400	585/485/413	825/689/590
		CFM	289/267/235	344/285/242	485/405/347
Cooling ¹	Capacity (H/M/L)	kW	2.7/2.59/2.39	2.91/2.54/2.19	3.81/3.3/2.88
	Water flow rate(H/M/L)	m³/h	0.48/0.46/0.42	0.51/0.45/0.38	0.67/0.57/0.51
	Water pressure drop(H/M/L)	kPa	31.61/28.63/25.36	37.2/29.73/23.36	56.75/41.23/33.02
	Power input(H/M/L)	W	13/11/10	15/11/9	33/22/15
Heating ²	Capacity (H/M/L)	kW	2.94/2.8/2.58	3.23/2.77/2.42	4.3/3.65/3.09
	Water flow rate(H/M/L)	m³/h	0.51/0.49/0.46	0.56/0.49/0.42	0.73/0.64/0.56
	Water pressure drop(H/M/L)	kPa	32.66/34.89/30.24	34.12/31.53/25.1	51.86/47.53/35.69
	Power input(H/M/L)	W	11/11/9	14/10/8	31/20/14
Heating ³	Capacity (H/M/L)	kW	3.29/3.03/2.63	3.76/3.22/2.77	5.08/4.33/3.77
	Water flow rate(H/M/L)	m³/h	0.48/0.46/0.42	0.51/0.45/0.38	0.67/0.57/0.51
	Water pressure drop(H/M/L)	kPa	37.49/30.25/26.53	40.64/27.03/20.98	61.94/37.88/30.34
	Power input(H/M/L)	W	12/10/8	14/10/8	31/20/14
Sound pressure level (H/M/L)		dB(A)	32/30/27	32/27/23	45/39/35
Rated current		A	0.16	0.19	0.28
Fan motor	Type		DC Motor	DC Motor	DC Motor
	Quantity		1	1	1
Fan	Type		Tangential fan	Tangential fan	Tangential fan
	Quantity		1	1	1
Coil	Row		2		
	Max. Working pressure	MPa	1.6		
	Coil length x height	mm	635×26.74		
	Fin spacing	mm	1.5		
	Fin type		Hydrophilic aluminum		
	Number of circuits		5		
	Diameter	mm	Φ7		
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	12.7	12.7	12.7
	Gross weight	kg	15.6	15.6	15.6
Pipe connection	Water inlet/outlet pipe	inch	G3/4		
	Drain pipe	mm	ODΦ20		

DC Fan Coil Unit Two-pipe Wall-mounted Series



MKG-V500C / MKG-V600C

Model			MKG-V500C	MKG-V600C
Power supply		V/Ph/Hz	220-240/1/50	
Air flow (H/M/L)		m ³ /h	862/741/634	979/849/717
		CFM	507/435/372	575/499/421
Cooling ¹	Capacity (H/M/L)	kW	4.47/3.98/3.48	4.87/4.26/3.79
	Water flow rate(H/M/L)	m ³ /h	0.77/0.68/0.61	0.85/0.72/0.65
	Water pressure drop(H/M/L)	kPa	41.17/33.54/27.05	50.68/39.47/33.66
	Power input(H/M/L)	W	26/18/13	38/26/18
Heating ²	Capacity (H/M/L)	kW	4.84/4.23/3.62	5.26/4.68/3.96
	Water flow rate(H/M/L)	m ³ /h	0.84/0.73/0.64	0.89/0.80/0.68
	Water pressure drop(H/M/L)	kPa	36.82/33.83/26.26	47.12/42.75/32.95
	Power input(H/M/L)	W	22/16/12	33/23/16
Heating ³	Capacity (H/M/L)	kW	5.68/4.94/4.24	6.31/5.57/4.77
	Water flow rate(H/M/L)	m ³ /h	0.77/0.68/0.61	0.85/0.72/0.65
	Water pressure drop(H/M/L)	kPa	43.74/29.69/23.98	51.65/36.3/30.3
	Power input(H/M/L)	W	23/16/12	33/23/16
Sound pressure level (H/M/L)		dB(A)	38/34/30	44/40/35
Rated current		A	0.32	0.39
Fan motor	Type		DC Motor	DC Motor
	Quantity		1	1
Fan	Type		Tangential fan	Tangential fan
	Quantity		1	1
Coil	Row		2	
	Max. Working pressure	MPa	1.6	
	Coil length x height	mm	785x26.74	
	Fin spacing	mm	1.5	
	Fin type		Hydrophilic aluminum	
	Number of circuits		7	
	Diameter	mm	Φ7	
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	15.1	14.9
	Gross weight	kg	19	18.6
Pipe connection	Water inlet/outlet pipe	inch	G3/4	
	Drain pipe	mm	ODΦ20	

Notes:

Based on Eurovent conditions:

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

1: Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/19°C WB, entering/leaving water temperature 7°C /12°C.

2: Heating mode (1): (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C.

3: Heating mode (2): (2-pipe coil): entering air temperature 20°C DB, enter water temperature/water flow 50°C.
(same water flow as in standard rating condition in cooling)

5.3 P type panel

MKG-V250D / MKG-V300D / MKG-V400D

Model			MKG-V250D	MKG-V300D	MKG-V400D
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m3/h	492/454/400	585/485/413	825/689/590
		CFM	289/267/235	344/285/242	485/405/347
Cooling1	Capacity (H/M/L)	kW	2.7/2.59/2.39	2.91/2.54/2.19	3.81/3.3/2.88
	Water flow rate(H/M/L)	m3/h	0.48/0.46/0.42	0.51/0.45/0.38	0.67/0.57/0.51
	Water pressure drop(H/M/L)	kPa	31.61/28.63/25.36	37.2/29.73/23.36	56.75/41.23/33.02
	Power input(H/M/L)	W	13/11/10	15/11/9	33/22/15
Heating2	Capacity (H/M/L)	kW	2.94/2.8/2.58	3.23/2.77/2.42	4.3/3.65/3.09
	Water flow rate(H/M/L)	m3/h	0.51/0.49/0.46	0.56/0.49/0.42	0.73/0.64/0.56
	Water pressure drop(H/M/L)	kPa	32.66/34.89/30.24	34.12/31.53/25.1	51.86/47.53/35.69
	Power input(H/M/L)	W	11/11/9	14/10/8	31/20/14
Heating3	Capacity (H/M/L)	kW	3.29/3.03/2.63	3.76/3.22/2.77	5.08/4.33/3.77
	Water flow rate(H/M/L)	m3/h	0.48/0.46/0.42	0.51/0.45/0.38	0.67/0.57/0.51
	Water pressure drop(H/M/L)	kPa	37.49/30.25/26.53	40.64/27.03/20.98	61.94/37.88/30.34
	Power input(H/M/L)	W	12/10/8	14/10/8	31/20/14
Sound pressure level (H/M/L)		dB(A)	32/30/27	32/27/23	45/39/35
Rated current		A	0.16	0.19	0.28
Fan motor	Type		DC Motor	DC Motor	DC Motor
	Quantity		1	1	1
Fan	Type		Tangential fan	Tangential fan	Tangential fan
	Quantity		1	1	1
Coil	Row		2		
	Max. Working pressure	MPa	1.6		
	Coil length x height	mm	635x26.74		
	Fin spacing	mm	1.5		
	Fin type		Hydrophilic aluminum		
	Number of circuits		5		
	Diameter	mm	Φ7		
Body	Net dimensions (W×H×D)	mm	915×290×229	915×290×229	915×290×229
	Packing size (W×H×D)	mm	1020×390×315	1020×390×315	1020×390×315
	Net weight	kg	12.7	12.7	12.7
	Gross weight	kg	17.3	17.6	16.3
Pipe connection	Water inlet/outlet pipe	inch	G3/4		
	Drain pipe	mm	ODΦ20		

DC Fan Coil Unit Two-pipe Wall-mounted Series



MKG-V500D / MKG-V600D

Model			MKG-V500D	MKG-V600D
Power supply		V/Ph/Hz	220-240/1/50	
Air flow (H/M/L)		m3/h	862/741/634	979/849/717
		CFM	507/435/372	575/499/421
Cooling1	Capacity (H/M/L)	kW	4.47/3.98/3.48	4.87/4.26/3.79
	Water flow rate(H/M/L)	m3/h	0.77/0.68/0.61	0.85/0.72/0.65
	Water pressure drop(H/M/L)	kPa	41.17/33.54/27.05	50.68/39.47/33.66
	Power input(H/M/L)	W	26/18/13	38/26/18
Heating2	Capacity (H/M/L)	kW	4.84/4.23/3.62	5.26/4.68/3.96
	Water flow rate(H/M/L)	m3/h	0.84/0.73/0.64	0.89/0.80/0.68
	Water pressure drop(H/M/L)	kPa	36.82/33.83/26.26	47.12/42.75/32.95
	Power input(H/M/L)	W	22/16/12	33/23/16
Heating3	Capacity (H/M/L)	kW	5.68/4.94/4.24	6.31/5.57/4.77
	Water flow rate(H/M/L)	m3/h	0.77/0.68/0.61	0.85/0.72/0.65
	Water pressure drop(H/M/L)	kPa	43.74/29.69/23.98	51.65/36.3/30.3
	Power input(H/M/L)	W	23/16/12	33/23/16
Sound pressure level (H/M/L)		dB(A)	38/34/30	44/40/35
Rated current		A	0.32	0.39
Fan motor	Type		DC Motor	DC Motor
	Quantity		1	1
Fan	Type		Tangential fan	Tangential fan
	Quantity		1	1
Coil	Row		2	
	Max. Working pressure	MPa	1.6	
	Coil length x height	mm	785x26.74	
	Fin spacing	mm	1.5	
	Fin type		Hydrophilic aluminum	
	Number of circuits		7	
	Diameter	mm	Φ7	
Body	Net dimensions (W×H×D)	mm	1072×315×232	1072×315×232
	Packing size (W×H×D)	mm	1180×415×315	1180×415×315
	Net weight	kg	15.1	14.9
	Gross weight	kg	19	18.6
Pipe connection	Water inlet/outlet pipe	inch	G3/4	
	Drain pipe	mm	ODΦ20	

Note:

Based on Eurovent conditions:

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

1: Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/1 9°C WB, entering/leaving water temperature 7°C /12°C.

2: Heating mode (1) (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C.

3: Heating mode (2) (2-pipe coil): entering air temperature 20°C DB, enter water temperature/water flow 50°C.
(same water flow as in standard rating condition in cooling)