Wall Mounted Series



Model: 250/300/400/500/600 CFM



R50
Standard



KJR-29B
Optional

Features

- Display shut off (for Type A and P panels using Wireless Remote Controllers RM12F/BGF-E).
- Built-in 3-way electromagnetic valve.
- Included remote controller with optional wired controller.
- Simplified, low-cost installation.
- The panel can be easily removed, simple maintenance and easy to change filter.
- Multi-directional outlet pipe design (left/right/rear) to meet various room configurations.
- Compatible with 0-10V input/output function(requires customization).

Stylish panel, ideal for rooms with no or limited ceiling access.



Features

Digital Display On/Off

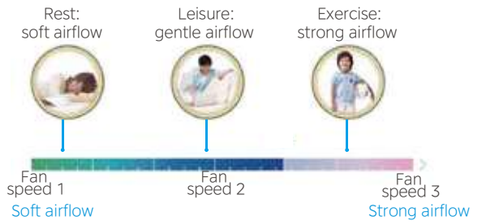
Indoor unit displays can be shut off at night, creating a better environment for rest.



RM12F/BGF-E RM12F/BGF-E is optional

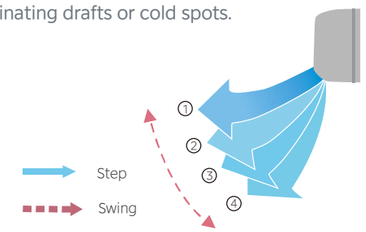
Multiple Fan Speeds

3 fan speed options provide customized comfort to suit a range of indoor conditions.



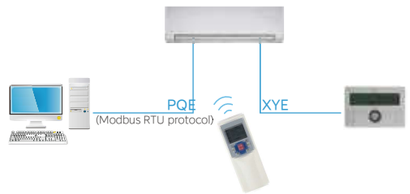
Auto Swing Louver

An Auto Swing Louver optimizes airflow while eliminating drafts or cold spots.



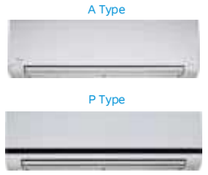
Control solutions

The fan coil units can be connected to Midea centralized controllers through the customized XYE port and can also can be connected to a Modbus gateway through the customized PQE port with Modbus RTU protocol.



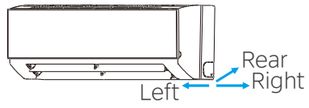
Customizable Panel Choices

Choose from three panel design options (A Type, P Type) to seamlessly match your decor.



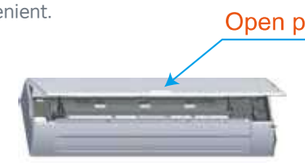
Flexible Outlet Pipe Positioning

Water and drain pipes can be positioned to the left, right or rear, providing enhanced installation flexibility.



Easy Maintenance

A removable front panel makes maintenance easy and convenient.



Easy-to-install Wall Mounting

Wall Mounted units offer easy installation with no need to access the ceiling cavity.



Specifications

Wall Mounted (A Type) / Wall Mounted (P Type)



Model			MKG-V250C	MKG-V300C	MKG-V400C	MKG-V500C	MKG-V600C
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	755/653/552	979/849/717
		CFM	289/267/235	344/285/242	485/405/347	445/385/325	575/499/421
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	3.96/3.52/3.08	4.87/4.26/3.79
	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	0.77/0.68/0.61	0.85/0.72/0.65
	Water pressure drop (H/M/L)	kPa	31.6/28.6/25.4	37.2/29.7/23.4	56.8/41.2/33.00	41.2/33.5/27.1	50.7/39.5/33.7
	Power input (H/M/L)	W	13/11/10	15/11/9	34/22/15	26/18/13	38/26/18
Heating[2]	Capacity (H/M/L)	kW	2.94/2.02/1.86	3.23/2.77/2.42	4.3/3.65/3.09	4.84/3.81/3.26	5.26/4.1/3.5
	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	0.84/0.73/0.64	0.89/0.80/0.68
	Water pressure drop (H/M/L)	kPa	37.5/34.9/30.2	40.6/31.5/25.1	61.9/47.5/35.7	43.7/33.8/26.3	51.7/42.8/33.00
	Power inpu t(H/M/L)	W	12/11/9	14/10/8	31/20/14	22/16/12	33/23/16
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	5.68/4.94/4.24	6.31/5.57/4.77
	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	0.77/0.68/0.61	0.85/0.72/0.65
	Water pressure drop (H/M/L)	kPa	32.70/30.3/26.5	34.10/27.00/21.00	51.9/37.9/30.3	36.8/29.7/24	47.12/36.3/30.3
	Power input (H/M/L)	W	12/10/8	14/10/8	31/20/14	23/16/12	33/23/16
Sound pressure level (H/M/L)		dB(A)	32/30/27	32/27/23	45/39/35	38/34/30	44/40/35
Sound power level (H/M/L)		dB(A)	44/42/39	44/39/35	57/51/47	50/46/42	56/52/47
Rated current		A	0.16	0.19	0.28	0.32	0.39
Fan motor	Type		DC Motor	DC Motor	DC Motor	DC Motor	DC Motor
	Quantity		1	1	1	1	1
Fan	Type		Tangential fan	Tangential fan	Tangential fan	Tangential fan	Tangential fan
	Quantity		1	1	1	1	1
Coil			2	2	2	2	2
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7	Φ7	Φ7	Φ7	Φ7
Net dimensions (W×H×D)		mm	915×290×237	915×290×237	915×290×237	1072×315×237	1072×315×237
Packing size (W×H×D)		mm	1020×390×315	1020×390×315	1020×390×315	1180×415×315	1180×415×315
Net weight		kg	11.5	11.5	11.5	14.0	14.0
Gross weight		kg	14.5	14.5	14.5	17.5	17.5
Water inlet/outlet pipe		inch	G1/2	G1/2	G1/2	G3/4	G3/4
Drain pipe		mm	ODΦ20	ODΦ20	ODΦ20	ODΦ20	ODΦ20



Model			MKG-V250D	MKG-V300D	MKG-V400D	MKG-V500D	MKG-V600D
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	755/653/552	979/849/717
		CFM	289/267/235	344/285/242	485/405/347	445/385/325	575/499/421
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	3.96/3.52/3.08	4.87/4.26/3.79
	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	0.77/0.68/0.61	0.85/0.72/0.65
	Water pressure drop (H/M/L)	kPa	31.6/28.6/25.4	37.2/29.7/23.4	56.8/41.2/33.00	41.2/33.5/27.1	50.7/39.5/33.7
	Power input (H/M/L)	W	13/11/10	15/11/9	34/22/15	26/18/13	38/26/18
Heating[2]	Capacity (H/M/L)	kW	2.94/2.02/1.86	3.23/2.77/2.42	4.3/3.65/3.09	4.84/3.81/3.26	5.26/4.1/3.5
	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	0.84/0.73/0.64	0.89/0.80/0.68
	Water pressure drop (H/M/L)	kPa	37.5/34.9/30.2	40.6/31.5/25.1	61.9/47.5/35.7	43.7/33.8/26.3	51.7/42.8/33.00
	Power inpu t(H/M/L)	W	12/11/9	14/10/8	31/20/14	22/16/12	33/23/16
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	5.68/4.94/4.24	6.31/5.57/4.77
	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	0.77/0.68/0.61	0.85/0.72/0.65
	Water pressure drop (H/M/L)	kPa	32.70/30.3/26.5	34.10/27.00/21.00	51.9/37.9/30.3	36.8/29.7/24	47.12/36.3/30.3
	Power input (H/M/L)	W	12/10/8	14/10/8	31/20/14	23/16/12	33/23/16
Sound pressure level (H/M/L)		dB(A)	32/30/27	32/27/23	45/39/35	38/34/30	44/40/35
Sound power level (H/M/L)		dB(A)	44/42/39	44/39/35	57/51/47	50/46/42	56/52/47
Rated current		A	0.16	0.19	0.28	0.32	0.39
Fan motor	Type		DC Motor	DC Motor	DC Motor	DC Motor	DC Motor
	Quantity		1	1	1	1	1
Fan	Type		Tangential fan	Tangential fan	Tangential fan	Tangential fan	Tangential fan
	Quantity		1	1	1	1	1
Coil			2	2	2	2	2
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7	Φ7	Φ7	Φ7	Φ7
Net dimensions (W×H×D)		mm	915×290×237	915×290×237	915×290×237	1072×315×237	1072×315×237
Packing size (W×H×D)		mm	1020×390×315	1020×390×315	1020×390×315	1180×415×315	1180×415×315
Net weight		kg	11.5	11.5	11.5	14.0	14.0
Gross weight		kg	14.5	14.5	14.5	17.5	17.5
Water inlet/outlet pipe		inch	G1/2	G1/2	G1/2	G3/4	G3/4
Drain pipe		mm	ODΦ20	ODΦ20	ODΦ20	ODΦ20	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/1 9°C WB, entering/leaving water temperature 7°C /12°C, high fan speed.
2 :Heating mode (1): (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C, high fan speed.
3 :Heating mode (2): (2-pipe coil): entering air temperature 20°C DB, enter water teperaure/water flow 50°C/*(same water flow as in standard rating condition in cooling)

2nd Generation Ceiling&Floor series



Model: 150/250/350/500/700/800 CFM



KJR-75A
Optional

Features

- 3- or 4-row coil options for entire series.
- 2- and 4-pipe options for entire series.
- Ultra-thin 200mm profile.
- Hysteresis temperature can be set in heating and cooling mode by PCB switch, field adjustable.
- With/without forced fan on can be set by PCB switch, field adjustable.
- Customizable XYE port (centralized) and PQE port (Modbus).
- Compatible with 0-10V input/output function(customized).
- Can be installed as floor-standing, horizontal or concealed (floor-standing requires optional footings).
- Auto mode and 7 fan speeds (using 75A wired controller).

Floor standing unit with multi casing options can be installed quickly and easily in new or existing facilities in a variety of applications.

