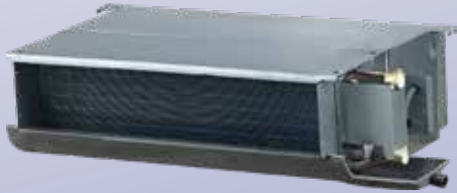




AIR COOLED FAN COIL UNITS



IZUMI CORPORATION, TOKYO, JAPAN

Advantage of Fan Coil Units with DC Brushless Fan Motor

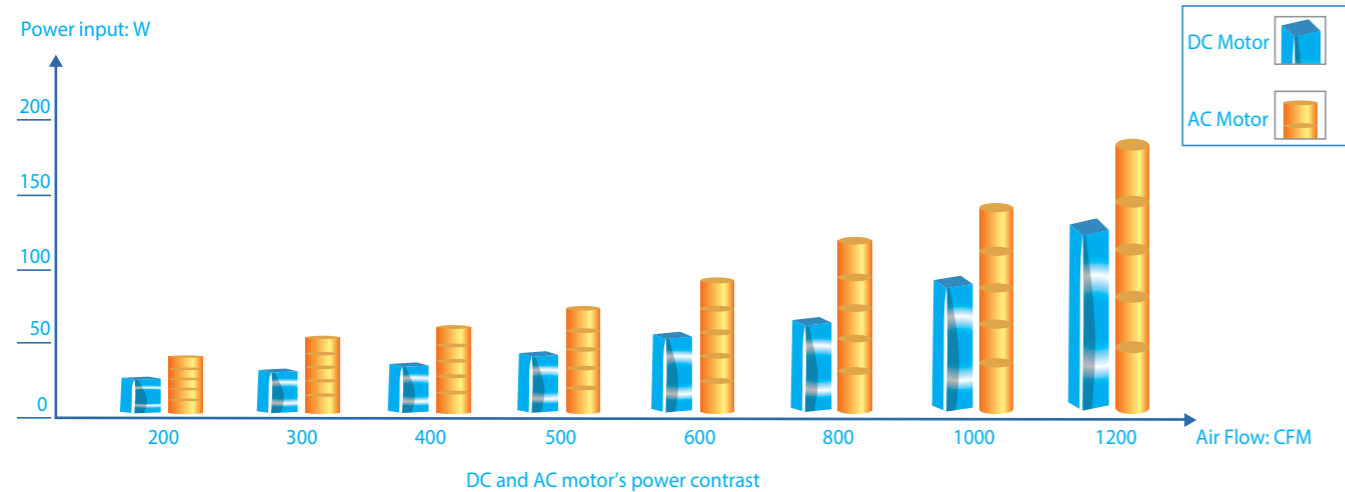
The DC fan coil units are the new energy saving products improved with advanced DC driven technology. The DC fan coil units have advanced technology of high energy efficiency, low noise operation and precision temperature control, so are ideal for hospitals, office building, hotels, airports and various other applications.



DC driven motor

Energy Efficiency, Comply with CE Regulation >>

The power consumption of DC driven fan coil units can be reduced up to 30% in comparison to corresponding AC type.



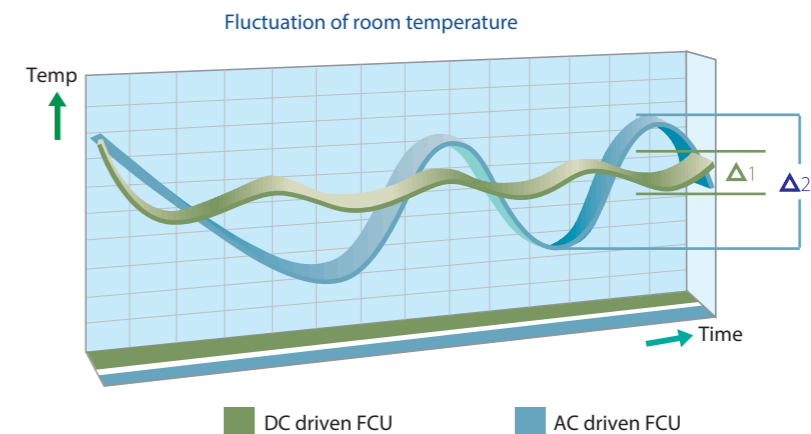
Quiet Operation >>

Unit noise is 2-5dB(A) lower compared to an AC motor fan coil unit, creating a quiet living environment.



Constant Level of Air Temperature and Humidity >>

The DC Inverter fan motor adjusts of air flow based on thermal load instantly providing less temperature fluctuation and an improved living environment.



Versatile Selection >>

Midea DC Fan Coil Units contain cassette units, ceiling & floor units with or without cabinet, wall-mounted units and duct units. The air volume ranges from 150CFM to 1500CFM. It is a highly versatile product suitable for hospitals, office buildings, hotels, airports and various other applications.



Product Lineup

2-Pipe FCUs

Air volume (CFM)		150	200	250	300	350	400	450	500		600	700	750	800	850	900	950	1000	1200	1500	
1-way cassette					■		■				■										
4-way cassette											■		■		■		■		■		■
Compact 4-way cassette					■		■		■												
Duct			■		■		■		■		■			■					■		■
Wall mounted				■	■		■		■		■										
Ceiling & floor		■		■	■		■	■	■		■			■		■					
2nd generation Ceiling&floor		■		■		■			■			■		■							

4-Pipe FCUs

Air volume (CFM)		200	300	400	500	600	750	800		850	950	1000	1200	1500
4-way cassette						■	■			■	■		■	■
Compact 4-way cassette			■	■	■									

Note:
The standard power supply for all fan coil units is 220V-240V/50Hz; 208-230V/60Hz can be customized for some series fan coil units. For further information, please contact with our salesmen.

Cassette Series



300/400/600CFM

Features >>

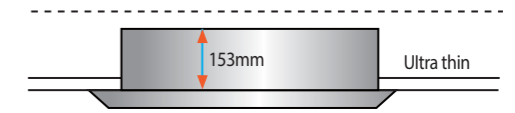
- ❖ Auto mode and seven speed fan motor.
- ❖ Ultra-thin, the thickness is only 200mm.
- ❖ Hysteresis temperature can be set in heating and cooling mode by PCB switch, field adjustable.
- ❖ With/without forced fan on can be set by PCB switch, field adjustable.
- ❖ The centralized control function can be connected through the customization XYE port.
- ❖ The Modbus can be connected through the customization PQE port.
- ❖ Wired controller KJR-75A is optional.
- ❖ 0-10V wired control is optional.

Note: Centralized control function and Modbus can only choose one.

1-way Cassette

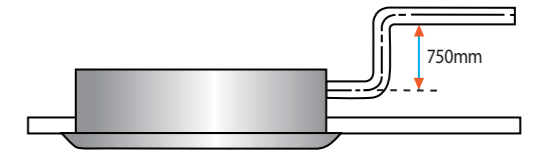
Min. 153mm Thickness >>

- ❖ Compact design, ultra slim body with a minimum thickness of 153mm, especially suitable for narrow ceiling, such as in lobbies and small meeting rooms.



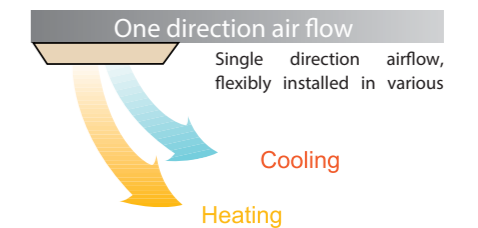
High-lift Pump >>

- ❖ Standard built-in drain pump with 750mm pump



One Direction Air Flow >>

- ❖ One direction air flow guarantees quick cooling, flexible installation positioning.



Specifications >>

Model		IZFC-V300R-B	IZFC-V400R-B	IZFC-V600R-B
Power supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50
Air flow (H/M/L)	m³/h	516/432/330	623/509/428	999/786/583
	CFM	304/255/195	367/300/252	588/463/343
Cooling	Capacity (H/M/L)	2.636/2.225/1.684	3.943/3.425/3.067	5.092/4.360/3.576
	Water flow rate(H/M/L)	493/419/331	604/516/452	870/698/547
	Water pressure drop(H/M/L)	8.63/6.26/3.69	23.85/18.07/14.8	38.22/28.95/19.41
	Power input(H/M/L)	26/22/17	28/23/21	46/33/23
Heating	Capacity (H/M/L)	3.302/2.875/2.247	4.091/3.440/2.971	5.568/4.581/3.440
	Water flow rate(H/M/L)	503/417/316	591/488/417	856/673/485
	Water pressure drop(H/M/L)	11.42/8.67/5.5	20.93/14.85/11.57	37.88/26.85/15.43
	Power input(H/M/L)	19/14/10	21/16/12	39/24/16
Sound pressure level (H/M/L)	dB(A)	43.6/39.3/32.7	36.6/33.2/31.3	44.6/38.6/33.1
Rated current	A	0.39	0.45	0.59
Fan motor	Type	DC motor	DC motor	DC motor
	Quantity	1	1	1
Fan	Type	Centrifugal, forward-curved Blades		
	Quantity	1	1	1
Coil	Row	2	2	2
	Max. working pressure	MPa	1.6	1.6
	Diameter	mm	Φ7	Φ7
Panel	Net dimensions (W×H×D)	mm	1180x465x25	1350x505x25
	Packing size (W×H×D)	mm	1232x517x107	1410x560x95
	Net weight	kg	3.5	4
Body	Gross weight	kg	5.2	5.4
	Net dimensions (W×H×D)	mm	1055x425x153	1275x452x189
	Packing size (W×H×D)	mm	1155x490x245	1400x505x295
Pipe connections	Net weight	kg	12.5	17.5
	Gross weight	kg	16.5	23.5
	Water inlet/outlet pipe	inch	RC1/2	RC1/2
	Drain pipe	mm	ODΦ25	ODΦ25

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7℃, leaving water 12℃, Entering air temperature 27℃ DB/19℃ WB.
Heating conditions: Entering water 40℃, leaving water 40℃, Entering air temperature 20℃ DB.
3. Noise is tested in a reverberation chamber test room.

Cassette Series



Various Selections >>

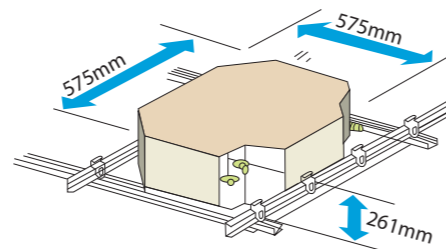
- ❖ Versions for 2/4 pipe system.
- ❖ Versions for compact/normal size.

Stylish Panel with Large Airflow Outlet

- ❖ 4-way air supply panel is standard for 4-way cassette.
- ❖ 360° air supply panel is standard for compact 4-way cassette.

Compact Design, Easy Installation

- ❖ For Compact Four-way Cassette: Extremely compact casing suits any room's decor and requires little space for installation on a low ceiling. Due to compact body and light weight, all models can be installed without a hoist.



High Efficiency and Low Sound Operation

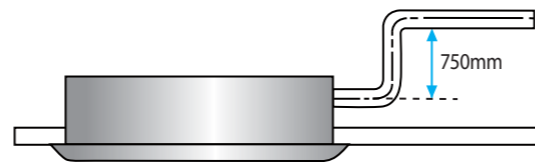
- ❖ Thanks to the DC brushless fan motor, the unit operates in high efficiency and low sound level.

Various Accessories Selections

- ❖ Extended drainage pan for better ceiling protection is optional.

High-lift Drain Pump

- ❖ Standard built-in drain pump with 750mm pump head for normal size and 500mm for compact size.



Fresh Air Intake

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



2-Pipe 4-Way Cassette

Model		IZFC-V600R	IZFC-V750R	IZFC-V850R	
Power supply	V/Ph/Hz	220-240/1/50			
Air flow (H/M/L)	m³/h	1175/987/768	1229/1020/810	1451/1146/1012	
	CFM	691/580/451	722/600/476	853/674/595	
Cooling ¹	Capacity (H/M/L)	kW	5.93/5.3/4.4	6.12/5.45/4.6	7.52/6.46/5.89
	Water flow rate(H/M/L)	m³/h	1.06/0.92/0.77	1.10/0.96/0.81	1.37/1.18/1.07
	Water pressure drop(H/M/L)	kPa	19.2/15.4/11	21.3/21.3/12.4	20.1/15.3/12.6
	Power input(H/M/L)	W	41/27/17	49/31/20	68/37/30
Heating ²	Capacity (H/M/L)	kW	6.06/6.35/5.32	6.27/6.53/5.43	7.88/7.48/6.76
	Water flow rate(H/M/L)	m³/h	1.30/1.14/1.13	1.39/1.20/1.00	1.66/1.39/1.25
	Water pressure drop(H/M/L)	kPa	25.9/20.1/19.9	30/22.7/16.3	26.7/18.8/15.6
	Power input(H/M/L)	W	42/28/17	44/32/19	66/37/28
Heating ³	Capacity (H/M/L)	kW	8.42/7.37/6.06	8.62/7.49/6.27	10.37/8.72/7.88
	Water flow rate(H/M/L)	m³/h	1.06/0.92/0.77	1.10/0.96/0.81	1.37/1.18/1.07
	Water pressure drop(H/M/L)	kPa	16.9/12.7/8.6	19.1/14.8/10.6	18.2/13.6/11.1
	Power input(H/M/L)	W	42/28/17	49/31/19	67/37/28
Sound pressure level (H/M/L)	dB(A)	43/39/33	44/40/34	45/40/37	
Fan motor	Type	DC Motor			
	Quantity	1			
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity	1			
Coil	Row	2			
	Max. Working pressure	MPa	1.6		
Panel	Diameter	mm	Ø7		
	Net dimensions (W×H×D)	mm	950×45×950	950×45×950	950×45×950
	Packing size (W×H×D)	mm	1035×90×1035	1035×90×1035	1035×90×1035
	Net weight	kg	6		
Body	Gross weight	kg	9		
	Net dimensions (W×H×D)	mm	840×230×840	840×230×840	840×300×840
	Packing size (W×H×D)	mm	900×237×900	900×237×900	900×330×900
	Net weight	kg	23		
Pipe connections	Gross weight	kg	28		
	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	mm	ODØ32		

Model		IZFC-V950R	IZFC-V1200R	IZFC-V1500R	
Power supply	V/Ph/Hz	220-240/1/50			
Air flow (H/M/L)	m³/h	1530/1224/1101	1581/1371/1236	1871/1415/1198	
	CFM	900/720/647	930/806/727	1100/832/704	
Cooling ¹	Capacity (H/M/L)	kW	7.84/6.84/6.35	7.87/7.12/6.67	11.19/8.82/7.48
	Water flow rate(H/M/L)	m³/h	1.43/1.24/1.13	1.44/1.28/1.22	1.96/1.53/1.28
	Water pressure drop(H/M/L)	kPa	22/17/14.1	22.3/18.1/16.3	36.6/22.7/16.4
	Power input(H/M/L)	W	75/42/34	85/59/45	126/58/39
Heating ²	Capacity (H/M/L)	kW	8.49/8/7.35	9.16/8.54/7.9	10.07/10.08/8.68
	Water flow rate(H/M/L)	m³/h	1.71/1.45/1.33	1.73/1.57/1.46	2.35/1.86/1.59
	Water pressure drop(H/M/L)	kPa	28.1/20.7/17.4	28.8/24/20.7	49.2/31.2/23.3
	Power input(H/M/L)	W	76/43/33	86/59/45	128/58/38
Heating ³	Capacity (H/M/L)	kW	10.86/9.24/8.49	10.92/9.84/9.16	14.92/11.73/10.07
	Water flow rate(H/M/L)	m³/h	1.43/1.24/1.13	1.44/1.28/1.22	1.96/1.53/1.28
	Water pressure drop(H/M/L)	kPa	19.9/15.2/12.6	20/16.2/14.7	34.3/21.3/15
	Power input(H/M/L)	W	76/42/33	85/58/45	127/58/39
Sound pressure level (H/M/L)	dB(A)	46/42/39	48/44/41	49/43/39	
Fan motor	Type	DC Motor			
	Quantity	1			
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity	1			
Coil	Row	2			
	Max. Working pressure	MPa	1.6		
Panel	Diameter	mm	Ø7		
	Net dimensions (W×H×D)	mm	950×45×950	950×45×950	950×45×950
	Packing size (W×H×D)	mm	1035×90×1035	1035×90×1035	1035×90×1035
	Net weight	kg	6		
Body	Gross weight	kg	9		
	Net dimensions (W×H×D)	mm	840×300×840	840×300×840	840×300×840
	Packing size (W×H×D)	mm	900×330×900	900×330×900	900×330×900
	Net weight	kg	27		
Pipe connections	Gross weight	kg	33		
	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	mm	ODØ32		

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)

4-Pipe 4-Way Cassette



Model		IZFC-V600FA	IZFC-V750FA	IZFC-V850FA
Power supply	V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)	m ³ /h	1184/997/783	1278/1057/855	1328/1052/927
	CFM	696/586/460	751/621/502	780/618/545
Cooling	Capacity (H/M/L)	4.952/4.383/3.642	5.178/4.563/3.875	5.129/4.413/4.06
	Water flow rate(H/M/L)	0.9/0.8/0.67	0.94/0.83/0.71	0.93/0.81/0.75
	Water pressure drop(H/M/L)	14.8/11.5/8.1	15.9/12.4/9	16/14.2/10.4
	Power input(H/M/L)	55/36/21	66/42/25	75/42/32
	Capacity (H/M/L)	6.148/5.43/4.614	6.519/5.785/4.944	6.684/5.748/5.283
Heating	Water flow rate(H/M/L)	0.58/0.52/0.45	0.61/0.55/0.47	0.62/0.54/0.50
	Water pressure drop(H/M/L)	25.3/20.5/14.5	32.25/7/19.1	32.6/24.7/21.2
	Power input(H/M/L)	56/36/21	67/42/25	75/41/31
	Capacity (H/M/L)	6.94/6.217/5.266	7.374/6.533/5.6	7.657/6.584/6.033
Heating	Water flow rate(H/M/L)	0.64/0.58/0.50	0.68/0.61/0.53	0.71/0.61/0.57
	Water pressure drop(H/M/L)	37.2/26.1/19.3	39.5/32.5/23.8	41.6/31.5/26.8
	Power input(H/M/L)	55/36/21	68/43/25	76/42/31
	Capacity (H/M/L)	54/49/43	56/51/45	57/51/48
Sound power level	(H/M/L) dB(A)	42/37/31	44/39/33	45/39/36
Sound pressure level	(H/M/L) dB(A)	0.48	0.6	0.72
Rated current	A	7	DC motor	DC motor
Fan motor	Type	7	DC motor	DC motor
	Quantity	1	1	1
Fan	Type	Centrifugal, forward-curved Blades		
	Quantity	1	1	1
Coil	Row	2	2	2
	Max. working pressure	MPa	1.6	1.6
Panel	Diameter	mm	Ø7	Ø7
	Net dimensions (W×H×D)	mm	950×45×950	950×45×950
	Packing size (W×H×D)	mm	1035×90×1035	1035×90×1035
	Net weight	kg	6	6
	Gross weight	kg	9	9
Body	Net dimensions (W×H×D)	mm	840×300×840	840×300×840
	Packing size (W×H×D)	mm	900×330×900	900×330×900
	Net weight	kg	27.5	27.5
	Gross weight	kg	33.5	33.5
Pipe connections	Water inlet/outlet pipe	Cold water: RC3/4; Hot water: RC1/2		
	Drain pipe	mm	ODØ32	ODØ32

2-Pipe Compact 4-Way Cassette



Model		IZFC-V300	IZFC-V400	IZFC-V500
Power supply	V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)	m ³ /h	535/429/322	719/561/448	781/611/494
	CFM	314/252/189	422/330/263	459/359/290
Cooling	Capacity (H/M/L)	2.98/2.53/2	3.96/3.26/2.76	4.2/3.48/3.01
	Water flow rate(H/M/L)	0.53/0.45/0.35	0.7/0.58/0.51	0.75/0.61/0.54
	Water pressure drop(H/M/L)	10/7/5	11.48/8.2/6.54	12.32/8.62/7.4
	Power input(H/M/L)	15/9/5	28/15/19	43/28/21
	Capacity (H/M/L)	2.61/2.89/2.24	4.63/3.79/3.1	4.95/3.99/3.26
Heating	Water flow rate(H/M/L)	0.64/0.54/0.42	0.83/0.67/0.56	0.87/0.70/0.58
	Water pressure drop(H/M/L)	12.1/8.5/5.3	9.2/8.6/6	9.4/8.23/6.1
	Power input(H/M/L)	15/9/5	28/16/10	33/18/11
	Capacity (H/M/L)	4.01/3.35/2.61	5.4/4.34/3.57	5.76/4.69/3.84
Heating	Water flow rate(H/M/L)	0.53/0.45/0.35	0.7/0.58/0.51	0.75/0.61/0.54
	Water pressure drop(H/M/L)	8.2/6/3.8	12.68/6.4/4.92	11.41/6.5/5.41
	Power input(H/M/L)	14/9/5	33/18/11	33/18/11
	Capacity (H/M/L)	39/33/27	42/36/30	43/38/32
Sound power level	(H/M/L) dB(A)	DC Motor	DC Motor	DC Motor
Fan motor	Type	DC Motor	DC Motor	DC Motor
	Quantity	1	1	1
Fan	Type	Centrifugal, forward-curved Blades		
	Quantity	1	1	1
Coil	Row	2	2	2
	Max. working pressure	MPa	1.6	1.6
Panel	Diameter	mm	Ø7	Ø7
	Net dimensions (W×H×D)	mm	647×50×647	647×50×647
	Packing size (W×H×D)	mm	715×123×715	715×123×715
	Net weight	kg	2.5	2.5
	Gross weight	kg	4.5	4.5
Body	Net dimensions (W×H×D)	mm	575×261×575	575×261×575
	Packing size (W×H×D)	mm	670×290×670	670×290×670
	Net weight	kg	16.5	16.5
	Gross weight	kg	22.5	22.5
Pipe connections	Water inlet/outlet pipe	Cold water: G3/4; Hot water: G1/2		
	Drain pipe	mm	ODØ25	ODØ25

4-Pipe Compact 4-Way Cassette

Model		IZFC-V950FA	IZFC-V1200FA	IZFC-V1500FA
Power supply	V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)	m ³ /h	1403/1115/1001	1642/1421/1285	1708/1297/1096
	CFM	824/655/588	965/835/755	1004/762/644
Cooling	Capacity (H/M/L)	5.306/4.593/4.279	7.984/7.245/6.697	8.038/6.623/5.837
	Water flow rate(H/M/L)	0.96/0.84/0.78	1.42/1.29/1.2	1.43/1.19/1.05
	Water pressure drop(H/M/L)	16.4/12.6/10.9	33.9/30/24	33/22.6/17.7
	Power input(H/M/L)	85/46/35	118/78/59	125/64/42
	Capacity (H/M/L)	6.736/5.833/5.442	9.746/8.962/8.422	9.93/8.326/7.512
Heating	Water flow rate(H/M/L)	0.63/0.55/0.52	0.89/0.82/0.77	0.90/0.76/0.69
	Water pressure drop(H/M/L)	34/26.6/23.5	42.4/36.6/32.6	48.7/32.5/27
	Power input(H/M/L)	84/46/35	118/79/61	125/64/42
	Capacity (H/M/L)	7.659/6.646/6.204	11.045/10.149/9.527	11.342/9.596/8.683
Heating	Water flow rate(H/M/L)	0.71/0.62/0.58	1.0/0.92/0.87	1.02/0.87/0.79
	Water pressure drop(H/M/L)	43.8/33.5/29.3	52.1/44.9/40.6	62.1/45.7/38.3
	Power input(H/M/L)	84/45/35	118/79/61	125/64/42
	Capacity (H/M/L)	58/53/50	60/56/54	61/55/50
Sound power level	(H/M/L) dB(A)	46/41/38	48/44/42	49/43/38
Sound pressure level	(H/M/L) dB(A)	0.72	1.08	1.32
Rated current	A	DC motor	DC motor	DC motor
Fan motor	Type	DC motor	DC motor	DC motor
	Quantity	1	1	1
Fan	Type	Centrifugal, forward-curved Blades		
	Quantity	1	1	1
Coil	Row	2	3	3
	Max. working pressure	MPa	1.6	1.6
Panel	Diameter	mm	Ø7	Ø7
	Net dimensions (W×H×D)	mm	950×45×950	950×45×950
	Packing size (W×H×D)	mm	1035×90×1035	1035×90×1035
	Net weight	kg	6	6
	Gross weight	kg	9	9
Body	Net dimensions (W×H×D)	mm	840×300×840	840×300×840
	Packing size (W×H×D)	mm	900×330×900	900×330×900
	Net weight	kg	27.5	30
	Gross weight	kg	32.4	35
Pipe connections	Water inlet/outlet pipe	Cold water: RC3/4; Hot water: RC1/2		
	Drain pipe	mm	ODØ32	ODØ32

Model		IZFC-V300FA	IZFC-V400FA	IZFC-V500FA
Power supply	V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)	m ³ /h	493/395/295	669/523/415	673/526/425
	CFM	290/232/173	393/307/244	395/309/250
Cooling	Capacity (H/M/L)	2.161/1.861/1.485	2.777/2.375/2.045	2.771/2.382/2.069
	Water flow rate(H/M/L)	0.42/0.37/0.3	0.53/0.46/0.4	0.56/0.49/0.43
	Water pressure drop(H/M/L)	17.4/13.5/9.3	13.15/9.4/7	16.8/13.1/10.3
	Power input(H/M/L)	15/10/6	30/26/21	35/19/12
	Capacity (H/M/L)	3.131/2.628/2.077	3.711/3.138/2.65	3.942/3.296/2.826
Heating	Water flow rate(H/M/L)	0.32/0.28/0.23	0.37/0.32/0.28	0.42/0.36/0.32
	Water pressure drop(H/M/L)	23.5/17.1/11.3	24.1/17.9/13.1	26.8/19.2/14.5
	Power input(H/M/L)	17/10/6	32/18/11	35/18/11
	Capacity (H/M/L)	3.564/2.989/2.356	4.251/3.584/3.023	4.508/3.789/3.222
Heating	Water flow rate(H/M/L)	0.36/0.31/0.25	0.41/0.36/0.31	0.47/0.40/0.36
	Water pressure drop(H/M/L)	29.8/21.7/14.3	30.4/22.2/16.7	36.1/25.9/19
	Power input(H/M/L)	17/10/6	31/18/11	35/19/11
	Capacity (H/M/L)	51/45/39	54/47/42	56/51/43
Sound power level	(H/M/L) dB(A)	39/33/27	42/35/30	44/39/31
Sound pressure level	(H/M/L) dB(A)	0.24	0.36	0.48
Rated current	A	DC motor	DC motor	DC motor
Fan motor	Type	DC motor	DC motor	DC motor
	Quantity	1	1	1
Fan	Type	Centrifugal, forward-curved Blades		
	Quantity	1	1	1
Coil	Row	2	2	2
	Max. working pressure	MPa	1.6	1.6
Panel	Diameter	mm	Ø7	Ø7
	Net dimensions (W×H×D)	mm	647×50×647	647×50×647
	Packing size (W×H×D)	mm	715×123×715	715×123×715
	Net weight	kg	2.5	2.5
	Gross weight	kg	4.5	4.5
Body	Net dimensions (W×H×D)	mm	575×261×575	575×261×575
	Packing size (W×H×D)	mm	675×320×675	675×320×675
	Net weight	kg	16.7	16.7
	Gross weight	kg	22.7	22.7
Pipe connections	Water inlet/outlet pipe	Cold water: G3/4; Hot water: G1/2		
	Drain pipe	mm	ODØ25	ODØ25

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) : (4-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 65/55°C.
- 3: Heating mode (2) (4-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 70/60°C.

Fan Coil Units

Duct Series



Duct



High Static Pressure Duct



District Cooling Duct



Various Selections

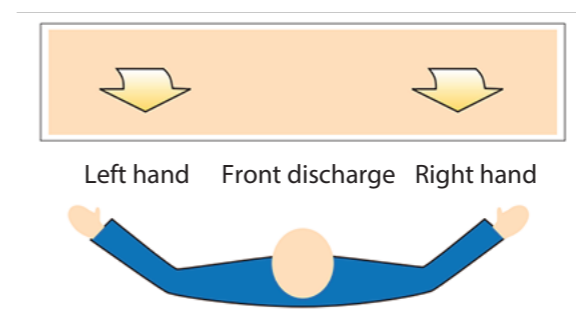
- ❖ Versions for 2/4 pipe systems.
- ❖ Versions for normal/large temperature difference systems.
- ❖ 2, 3 or 4 rows coil for 2-pipe systems.
- ❖ Large range of available static pressure.
- ❖ Wired controller is optional.
- ❖ Four fan speeds are available: low, medium, high and one reserved for more choice.

High Efficiency

- ❖ Highly efficient heat exchange for complete counterflow.

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 a room.



Fan Coil Units



2-Row Duct



Model		MKT2-200G30A MKT2-200EG30A	MKT2-300G30A MKT2-300EG30A	MKT2-400G30A MKT2-400EG30A	MKT2-500G30A MKT2-500EG30A	MKT2-600G30A MKT2-600EG30A	
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m³/h	434/354/264	632/483/366	802/648/512	960/775/582	1166/906/703	
	CFM	255/208/155	372/284/215	472/381/301	565/456/342	686/533/414	
Standard external static pressure	Pa	G30 models: 30					
Cooling	Capacity (H/M/L)	kW	2.03/1.7/1.4	2.82/2.29/1.89	3.2/2.72/2.34	3.9/3.44/2.88	4.92/4.14/3.52
	Water flow rate(H/M/L)	m³/h	0.36/0.31/0.25	0.51/0.41/0.34	0.58/0.49/0.42	0.7/0.62/0.52	0.89/0.75/0.63
	Water pressure drop(H/M/L)	kPa	11.9/11.1/9.2	19.8/14.5/10.5	26/20.3/15.7	34.3/27.4/20.5	18.5/14.8/11.2
Heating	Capacity (H/M/L)	kW	2.55/2.09/1.67	3.39/2.76/2.25	4.02/3.41/2.9	4.79/4.06/3.35	6.13/5.13/4.19
	Water flow rate(H/M/L)	m³/h	0.46/0.38/0.3	0.62/0.5/0.41	0.73/0.62/0.53	0.87/0.74/0.61	1.12/0.93/0.76
	Water pressure drop(H/M/L)	kPa	9.5/7/4.8	21.8/15.9/10.9	29.9/23.3/17.3	39.7/31.4/22.4	25.3/19.4/14.2
Power input	W	55/51/45	79/64/53	92/80/69	119/96/76	141/119/103	
Auxiliary electric heater (AEH)	W	550	650	1100	1100	1600	
Sound power level(H/M/L)	dB(A)	58/55/50	58/54/48	57/52/50	65/59/52	64/60/53	
Fan motor	Type	Low noise 4-speed fan motor					
	Quantity	1	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	1	2	2	2	2	
Coil	Row	2	2	2	2	2	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52
	Net dimensions (WxHxD)	mm	741x241x522	841x241x522	941x241x522	941x241x522	1161x241x522
Packing size (WxHxD)	mm	790x260x550	890x260x550	990x260x550	990x260x550	1210x260x550	
Net weight (non-AEH/with-AEH)	kg	13.9/15.4	16.5/18	19.2/20.7	19.2/20.7	22/24	
Gross weight (non-AEH/with-AEH)	kg	16.2/17.7	19/20.5	21.6/23.1	21.6/23.1	25/27	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4	R3/4	

Model		MKT2-800G30A MKT2-800EG30A	MKT2-1000G30A MKT2-1000EG30A	MKT2-1200G30A MKT2-1200EG30A	MKT2-1400G30A MKT2-1400EG30A	
Power supply	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m³/h	1463/1128/859	1800/1374/997	2271/1642/1089	2327/1767/1190	
	CFM	860/664/506	1059/808/587	1336/966/641	1369/1039/700	
Standard external static pressure	Pa	G30 models: 30				
Cooling	Capacity (H/M/L)	kW	6.6/5.47/4.45	7.82/6.44/5.34	9.85/8.67/6.13	10.89/9.49/7.49
	Water flow rate(H/M/L)	m³/h	1.19/0.98/0.8	1.41/1.16/0.96	1.77/1.56/1.1	1.96/1.71/1.35
	Water pressure drop(H/M/L)	kPa	19.8/14.5/10.7	30.5/22.4/16.1	59.6/48.5/26.4	60.9/47.8/31.9
Heating	Capacity (H/M/L)	kW	7.95/6.58/5.32	9.36/7.76/6.21	12.04/9.89/6.84	12.66/10.92/8.14
	Water flow rate(H/M/L)	m³/h	1.44/1.2/0.97	1.7/1.41/1.13	2.19/1.8/1.24	2.3/1.99/1.48
	Water pressure drop(H/M/L)	kPa	23.6/15.6/12.8	33/24.8/17.5	75.2/60.3/31.6	58.2/45.2/27.5
Power input	W	167/134/113	231/191/168	278/229/176	304/233/195	
Auxiliary electric heater (AEH)	W	2200	2200	3200	3200	
Sound power level(H/M/L)	dB(A)	62/57/51	65/60/54	67/61/57	70/65/59	
Fan motor	Type	Low noise 4-speed fan motor				
	Quantity	2	2	2	2	
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	4	4	4	4	
Coil	Row	2	2	2	2	
	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	1461x241x522	1566x241x522	1856x241x522	2022x241x522
Packing size (WxHxD)	mm	1510x260x550	1615x260x550	1905x260x550	2070x260x550	
Net weight (non-AEH/with-AEH)	kg	30.9/33.4	33.4/36.4	38.5/42	42.1/46.1	
Gross weight (non-AEH/with-AEH)	kg	34.5/37	37/40	42/45.5	47.5/51.5	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4	

- "Notes:
 1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
 2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
 Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB.
 3. Noise is tested in a reverberation chamber test room."

3-Row Duct



Model		MKT3-200G12A	MKT3-300G12A	MKT3-400G12A	MKT3-500G12A	MKT3-600G12A	MKT3-800G12A	MKT3-1000G12A	MKT3-1200G12A	MKT3-1400G12A	
Power supply	V/Ph/Hz	220-240/1/50									
Air flow (H/M/L)	m³/h	401/363/300	576/467/391	707/642/402	898/652/419	1046/759/513	1362/1031/724	1697/1232/844	2121/1471/972	2541/1965/1123	
	CFM	236/213/176	339/274/230	416/378/237	528/384/246	615/446/302	801/607/426	998/725/496	1248/865/572	1495/1156/661	
Standard external static pressure	Pa	G12 models: 12									
Cooling	Capacity (H/M/L)	kW	1.97/1.84/1.57	2.93/2.51/2.21	3.62/3.4/2.43	4.39/3.51/2.73	5.77/4.57/3.36	7.99/6.68/4.8	8.45/6.74/4.99	10.66/8.23/5.94	13.18/11.36/7.77
	Water flow rate(H/M/L)	m³/h	0.35/0.33/0.28	0.53/0.45/0.4	0.71/0.61/0.44	0.79/0.63/0.49	1.04/0.82/0.61	1.44/1.2/0.86	1.52/1.21/0.9	1.92/1.48/1.07	2.37/2.04/1.4
	Water pressure drop(H/M/L)	kPa	17.7/15.9/11.9	41/31.6/25.5	30.3/23/14.6	32/20.7/11.3	67/44.3/25.8	38.8/27.8/18.1	46/30.9/18	48/30.6/17	57.1/45.2/22.4
Heating	Capacity (H/M/L)	kW	2.39/2.23/1.74	3.45/2.94/2.57	4.17/3.71/2.66	4.9/3.89/2.78	6.13/4.86/3.56	8.88/7.24/5.48	9.29/7.41/5.56	11.35/8.77/6.42	15.36/12.72/8.29
	Water flow rate(H/M/L)	m³/h	0.43/0.41/0.32	0.63/0.53/0.47	0.82/0.67/0.48	0.89/0.71/0.5	1.11/0.88/0.65	1.61/1.32/1	1.69/1.35/1.01	2.06/1.59/1.17	2.79/2.31/1.51
	Water pressure drop(H/M/L)	kPa	20.6/18.8/13.9	46.7/33.7/26.7	31/24.9/15.1	35.3/20.1/11.3	60.7/40.2/22.7	37.3/26/15.7	45.3/30.5/17.9	44.5/28/16.1	60.9/46.7/20.7
Power input	12Pa (H/M/L) W	40/37/33	63/52/45	101/87/74	101/85/70	124/101/83	154/120/98	202/168/141	250/197/163	273/224/175	
Auxiliary electric heater (AEH)	W	550	600	1100	1100	1600	2000	2200	3200	3200	
Sound power level	12Pa (H/M/L) dB(A)	53/51/45	54/50/43	55/52/47	60/54/46	62/56/46	62/56/48	66/58/48	64/56/46	68/64/58	
Fan motor	Type	Low noise 4-speed fan motor									
	Quantity	1	1	1	1	2	2	2	2	2	
Fan	Type	Centrifugal, forward-curved Blades									
	Quantity	1	2	2	2	2	4	4	4	4	
Coil	Row	3	3	3	3	3	3	3	3	3	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
	Diameter	mm	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	
	Net dimensions (WxHxD)	mm	741x241x522	841x241x522	941x241x522	941x241x522	1161x241x522	1461x241x522	1566x241x522	1856x241x522	2022x241x522
Packing size (WxHxD)	mm	790x260x550	890x260x550	990x260x550	990x260x550	1210x260x550	1510x260x550	1615x260x550	1905x260x550	2070x260x550	
Net weight (non-AEH/with-AEH)	kg	14.6/16.1	17/18.5	20.2/21.7	20.2/21.7	23/25	31.9/34.4	34.4/37.4	39.5/43	43.1/47.1	
Gross weight (non-AEH/with-AEH)	kg	16.9/18.4	19.5/21	22.6/24.1	22.6/24.1	26/28	35.5/38	38.1/41.1	43/46.5	48.4/52.4	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4	R3/4	R3/4	R3/4	R3/4	R3/4	

Model		MKT3-200G30A MKT3-200EG30A	MKT3-300G30A MKT3-300EG30A	MKT3-400G30A MKT3-400EG30A	MKT3-500G30A MKT3-500EG30A	MKT3-600G30A MKT3-600EG30A	MKT3-800G30A MKT3-800EG30A	MKT3-1000G30A MKT3-1000EG30A	MKT3-1200G30A MKT3-1200EG30A	MKT3-1400G30A MKT3-1400EG30A	
Power supply	V/Ph/Hz	220-240/1/50									
Air flow (H/M/L)	m³/h	472/375/294	575/455/338	787/648/469	1014/764/552	1191/971/763	1454/1166/861	1865/1454/1062	2272/1840/1160	2680/1975/1192	
	CFM	278/221/173	338/268/199	463/381/276	596/450/325	701/571/449	855/686/506	1097/855/625	1336/1082/682	1577/1162/701	
Standard external static pressure	Pa	G30 models: 30									
Cooling	Capacity (H/M/L)	kW	2.21/1.86/1.55	2.92/2.49/1.97	4.05/3.52/2.72	5.12/4.37/3.55	6.49/5.68/4.74	8.31/7.15/6.6	8.84/7.49/5.96	10.98/9.57/7.19	13.53/11.38/7.83
	Water flow rate(H/M/L)	m³/h	0.4/0.34/0.28	0.53/0.45/0.36	0.73/0.63/0.49	0.92/0.79/0.64	1.17/1.02/0.85	1.5/1.28/1.02	1.59/1.35/1.07	1.98/1.71/1.29	2.44/2.05/1.41
	Water pressure drop(H/M/L)	kPa	21.4/15.9/11.9	41/31.6/21	29.2/23/14.6	23.2/17.8/12.2	80.5/64.6/46.2	76.8/57.5/38.6	48.2/36.1/24.3	48.9/38/23.5	58.9/44.5/21.7
Heating	Capacity (H/M/L)	kW	2.68/2.27/1.9	3.45/2.89/2.3	4.6/3.99/3.11	6.12/4.98/3.9	6.97/6.05/5.05	8.53/7.31/5.85	9.88/8.34/6.63	11.89/10.32/7.8	15.7/12.53/8.2
	Water flow rate(H/M/L)	m³/h	0.49/0.41/0.35	0.63/0.52/0.42	0.84/0.73/0.57	1.11/0.9/0.71	1.27/1.1/0.92	1.55/1.33/1.06	1.8/1.52/1.21	2.16/1.88/1.42	2.85/2.28/1.49
	Water pressure drop(H/M/L)	kPa	25.3/18.8/13.9	46.7/33.7/22.5	30.3/24.3/15.1	26.5/18.2/11.8	75.4/59.7/42.8	65/51.5/33.7	50.3/38/24.8	48.5/38.6/23.2	62.2/43.4/21.6
Power input	30Pa (H/M/L) W	63/54/47	84/72/62	97/90/80	142/90/77	135/120/108	178/163/145	220/179/153	267/222/180	319/222/174	
Auxiliary electric heater (AEH)	W	550	600	1100	1100	1600	2000	2200	3200	3200	
Sound power level	30Pa (H/M/L) dB(A)	56/51/44	55/50/43	59/55/49	62/58/52	63/59/52	61/56/50	65/59/54	65/61/55	69/63/57	
Fan motor	Type	Low noise 4-speed fan motor									
	Quantity	1	1	1	1	2	2	2	2	2	
Fan	Type	Centrifugal, forward-curved Blades									
	Quantity	1	2	2	2	2	4	4	4	4	
Coil	Row	3	3	3	3	3	3	3	3	3	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
	Diameter	mm	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	
	Net dimensions (WxHxD)	mm	741x241x522	841x241x522	941x241x522	941x241x522	1161x241x522	1461x241x522	1566x241x522	1856x241x522	2022x241x522
Packing size (WxHxD)	mm	790x260x550	890x260x550	990x260x550	990x260x550	1210x260x550	1510x260x550	1615x260x550	1905x260x550	2070x260x550	
Net weight (non-AEH/with-AEH)	kg	14.6/16.1	17/18.5	20.2/21.7							

Fan Coil Units

4-Row Duct



Model		MKT4-200G30A	MKT4-300G30A	MKT4-400G30A	MKT4-500G30A	MKT4-600G30A	
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m³/h	452/369/275	639/494/373	784/634/500	948/766/578	1124/875/682	
	CFM	266/217/162	376/290/220	461/373/294	557/451/340	661/515/401	
Standard external static pressure	Pa	30	30	30	30	30	
Cooling	Capacity (H/M/L)	kW	2.22/1.67/1.2	3.04/2.58/1.87	3.71/3.17/2.62	4.49/3.87/3.07	6.18/4.95/3.78
	Water flow rate(H/M/L)	m³/h	0.4/0.3/0.22	0.55/0.46/0.34	0.67/0.57/0.47	0.81/0.7/0.55	1.11/0.89/0.68
	Water pressure drop(H/M/L)	kPa	5/5/5	10/5.4/3	15/9/8	20/16/15	30/22/16
Heating	Capacity (H/M/L)	kW	2.81/2.23/1.54	3.58/3.09/2.35	4.56/3.89/3.08	5.44/4.66/3.58	6.94/5.75/4.58
	Water flow rate(H/M/L)	m³/h	0.51/0.41/0.28	0.65/0.56/0.43	0.83/0.71/0.56	0.99/0.85/0.65	1.26/1.04/0.83
	Water pressure drop(H/M/L)	kPa	5/3.5/5	10/5.5/3.5	15/9.5/8	22.6/20/15	28/20/15
Power input (H/M/L)	W	92/50/43	76/62/52	90/78/68	110/90/77	142/124/109	
Sound power level	dB(A)	56/52/47	56/52/44	62/58/50	63/59/53	65/60/54	
Fan motor	Type	Low noise 4-speed fan motor					
	Quantity	1	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	1	2	2	2	2	
Coil	Row	4	4	4	4	4	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
Net dimensions (W×H×D)	mm	741×241×522	841×241×522	941×241×522	941×260×550	1161×241×522	
Packing size (W×H×D)	mm	790×260×550	890×260×550	990×260×550	990×260×550	1210×260×550	
Net weight	kg	15.3	17.5	20.7	20.7	23.5	
Gross weight	kg	17.6	20	23.1	23.1	26.5	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4	R3/4	

Model		MKT4-800G30A	MKT4-1000G30A	MKT4-1200G30A	MKT4-1400G30A	
Power supply	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m³/h	1447/1119/857	1868/1397/1026	2213/1692/1074	2311/1756/1095	
	CFM	851/658/504	1099/822/603	1302/995/632	1359/1033/644	
Standard external static pressure	Pa	30	30	30	30	
Cooling	Capacity (H/M/L)	kW	6.31/5.1/4.14	7.79/6.13/4.87	10.17/8.57/5.44	11.7/9.43/6.47
	Water flow rate(H/M/L)	m³/h	1.14/0.92/0.75	1.4/1.1/0.88	1.83/1.54/0.98	2.11/1.7/1.16
	Water pressure drop(H/M/L)	kPa	15/7.5/5	18.3/12.1/8	33/24.8/11.4	35/23.9/15
Heating	Capacity (H/M/L)	kW	7.78/6.4/4.9	9.86/7.73/6.01	11.76/10.31/6.76	13.55/10.96/7.12
	Water flow rate(H/M/L)	m³/h	1.41/1.16/0.89	1.79/1.4/1.09	2.14/1.87/1.23	2.46/1.99/1.29
	Water pressure drop(H/M/L)	kPa	15/10/6	20.6/13.9/8.2	36.1/20.9/13.2	37/26/17
Power input (H/M/L)	W	166/134/113	223/164/139	277/228/174	325/240/193	
Sound power level	dB(A)	62/57/51	66/61/55	68/63/56	69/63/57	
Fan motor	Type	Low noise 4-speed fan motor				
	Quantity	2	2	2	2	
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	4	4	4	4	
Coil	Row	4	4	4	4	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52
Net dimensions (W×H×D)	mm	1461×241×522	1566×241×522	1856×241×522	2022×241×522	
Packing size (W×H×D)	mm	1510×260×550	1615×260×550	1905×260×550	2070×260×550	
Net weight	kg	32.9	35.4	40.5	44.1	
Gross weight	kg	36.5	39.1	44	49.4	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4	

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB. Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB.
3. Noise is tested in a reverberation chamber test room."

A4 Type Duct



Model MKT4-		800G50-A4A	1000G50-A4A	1200G50-A4A	1400G50-A4A		
Air flow	H/M/L	m³/h	1922/1862/1672	2137/2047/1931	2311/2123/1951	2480/1939/1777	
	H/M/L	CFM	1130/1096/984	1257/1204/1136	1359/1249/1147	1459/1141/1045	
External Static pressure		Pa	50	50	50	50	
Cooling	Capacity	H/M/L	kW	9.59/9.35/8.92	9.84/9.66/9.37	11.5/10.65/10.02	12.6/10.88/10.28
	Water flow rate	H/M/L	m³/h	1.73/1.68/1.61	1.77/1.74/1.69	2.07/1.92/1.8	2.27/1.96/1.85
	Water pressure drop	H/M/L	kPa	79.5/73.7/67.5	42.1/39.2/36.4	62/52.5/47.6	42.6/32.3/28.8
Heating	Capacity	H/M/L	kW	10.96/10.68/10.01	11.56/11.24/10.81	12.22/11.51/10.78	13.51/11.32/10.69
	Water flow rate	H/M/L	m³/h	1.97/1.92/1.8	2.08/2.02/1.95	2.2/2.07/1.94	2.43/2.04/1.92
	Water pressure drop	H/M/L	kPa	79.1/76.9/69.2	46.1/44.6/41.5	52/47.8/41.8	39.8/28.7/25.5
Power input	H/M/L	W	208/194/172	224/206/193	455/389/347	469/331/290	
Power supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	
Sound pressure level		H/M/L	dB(A)	48.4/47.9/46.6	49.5/48.1/47.3	50.9/50/48.5	51.7/50/49.5
Fan motor	Type	Low noise 4-speed fan motor					
	Model	YSK105-6SC	YSK150-6SC	YSK230-4SC	YSK230-4SC		
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	2	2	2	2		
Coil	Row	4	4	4	4		
	Max. Working pressure	MPa	1.6	1.6	1.6	1.6	
	Coil length x height	mm	885x305	885x305	1085x305	1085x305	
Body	Fin spacing	mm	2.2	2.2	2.2	2.2	
	Fin type	Hydrophilic aluminum					
	Number of circuits		4	6	8	8	
Pipe connection	Diameter	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	
	Dimensions	W×H×D	mm	1180x340x612	1180x340x612	1369x340x612	1369x340x612
	Packing	W×H×D	mm	1310x380x693	1310x380x693	1490x380x693	1490x380x693
	Net weight	kg	39.3	40.8	46.3	46.3	
Pipe connection	Gross weight	kg	47	49.6	56.4	56.4	
	Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	
Pipe connection	Drain pipe	mm	ODΦ24	ODΦ24	ODΦ24	ODΦ24	

Model MKT4-		1600G50-A4A	1800G50-A4A	2000G50-A4A		
Air flow	H/M/L	m³/h	2695/2164/1997	3490/2641/2310	3686/2780/2307	
	H/M/L	CFM	1585/1273/1175	2053/1554/1359	2168/1635/1357	
External Static pressure		Pa	50	50	50	
Cooling	Capacity	H/M/L	kW	13.16/11.24/10.61	16.51/12.59/11.07	19.15/15.64/13.67
	Water flow rate	H/M/L	m³/h	2.37/2.02/1.91	2.97/2.27/1.99	3.45/2.82/2.46
	Water pressure drop	H/M/L	kPa	70.9/54.1/49.1	239.6/150.4/117.8	283.3/199.2/159.7
Heating	Capacity	H/M/L	kW	14.66/11.46/10.76	17.54/13.21/11.67	19.31/15.69/13.63
	Water flow rate	H/M/L	m³/h	2.64/2.06/1.94	3.16/2.38/2.1	3.48/2.83/2.45
	Water pressure drop	H/M/L	kPa	65.5/49.8/43.7	241.9/146.1/115.5	283/193.9/151.5
Power input	H/M/L	W	573/391/341	637/416/358	696/444/384	
Power supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	
Sound pressure level		H/M/L	dB(A)	52.9/50.7/50	53.6/51.1/50.2	54.4/52.7/51.6
Fan motor	Type	Low noise 4-speed fan motor				
	Model	YSK230-4SC	YSK360-4SC	YSK360-4SC		
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	2	3	3		
Coil	Row	4	4	4		
	Max. Working pressure	MPa	1.6	1.6	1.6	
	Coil length x height	mm	1085x305	1277x305	1277x305	
Body	Fin spacing	mm	2.2	2.2	2.2	
	Fin type	Hydrophilic aluminum				
	Number of circuits		8	8	8	
Pipe connection	Diameter	mm	Φ9.52	Φ9.52	Φ9.52	
	Dimensions	W×H×D	mm	1369x340x612	1500x340x612	1500x340x612
	Packing	W×H×D	mm	1490x380x693	1620x380x693	1620x380x693
	Net weight	kg	46.3	54.8	54.8	
Pipe connection	Gross weight	kg	56.4	64.6	64.6	
	Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	
Pipe connection	Drain pipe	mm	ODΦ24	ODΦ24	ODΦ24	

Note:

- 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 45°C, leaving water 40°C,enter air temperature 20°C.
- 3.Noise is tested in semi-anechoic test room.

Fan Coil Units

High Static Pressure Duct



Model		MKT3H-800G70A MKT3H-800EG70A	MKT3H-1000G70A MKT3H-1000EG70A	MKT3H-1200G70A MKT3H-1200EG70A	MKT3H-1400G70A MKT3H-1400EG70A	
Power supply	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m³/h	1464/1453/1408	1507/1491/1397	1601/1557/1500	1659/1590/1501	
	CFM	861/855/828	887/877/822	942/916/882	976/935/883	
Standard external static pressure	Pa	70	70	70	70	
Cooling	Capacity (H/M/L)	kW	5.4/5.27/5.08	7.75/7.56/6.98	8.03/7.87/7.49	10.41/10.11/9.69
	Water flow rate(H/M/L)	m³/h	0.97/0.95/0.91	1.39/1.36/1.26	1.45/1.4/1.35	1.87/1.82/1.74
	Water pressure drop(H/M/L)	kPa	14.5/11.7/13.2	35.1/34/30.8	35.3/33.5/31.4	52.1/48.1/44.3
Heating	Capacity (H/M/L)	kW	8.09/7.82/7.42	9.62/9.28/8.85	10.33/10.02/9.17	11.15/10.46/9.65
	Water flow rate(H/M/L)	m³/h	1.47/1.42/1.35	1.75/1.69/1.61	1.88/1.82/1.67	2.03/1.9/1.75
	Water pressure drop(H/M/L)	kPa	25.5/24.2/22.8	42.8/40.8/36.5	55.5/52.8/48.1	47.3/45.5/41.9
Power input (H/M/L)	W	391/375/348	382/363/343	386/372/355	380/364/347	
Auxiliary electric heater (AEH)	W	5000	5000	5000	5000	
Sound power level	Inlet	dB(A)	74/73/71	72/71/70	73/71/70	73/71/70
	Outlet	dB(A)	72/71/69	70/70/69	71/70/69	71/70/69
Fan motor	Type	Low noise 4-speed fan motor				
	Quantity	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	1	1	1	1	
Coil	Row	2	3	3	4	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6
Diameter	mm	Ø9.52	Ø9.52	Ø9.52	Ø9.52	
	mm	946×400×816	946×400×816	946×400×816	946×400×816	
Net dimensions(W×H×D)	mm	946×400×816	946×400×816	946×400×816	946×400×816	
Packing size (non-AEH/with-AEH) (W×H×D)	mm	Left connection: 1075×480×857/1075×480×925 Right connection: 1015×480×857/1015×480×925				
Net weight (non-AEH/with-AEH)	kg	50/53	52/55	52/55	54/57	
Gross weight (non-AEH/with-AEH)	kg	55/58	57/60	57/60	59/62	
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		MKT3H-1600G100A MKT3H-1600EG100A	MKT3H-1800G100A MKT3H-1800EG100A	MKT3H-2200G100A MKT3H-2200EG100A	
Power supply	V/Ph/Hz	220-240/1/50			
Air flow (H/M/L)	m³/h	2272/2126/1911	3177/2983/2327	3411/3034/2588	
	CFM	1336/1251/1124	1869/1755/1369	2007/1785/1522	
Standard external static pressure	Pa	100	100	100	
Cooling	Capacity (H/M/L)	kW	12.99/12.02/11.04	15.25/13.42/12.38	16.71/15.15/13.58
	Water flow rate(H/M/L)	m³/h	2.34/2.16/1.99	2.74/2.42/2.23	3.01/2.73/2.44
	Water pressure drop(H/M/L)	kPa	86/73.4/60.7	129/113/100.1	147.9/124.2/98.6
Heating	Capacity (H/M/L)	kW	14.07/12.91/11.78	18.23/16.84/14.76	19.94/17.26/15.25
	Water flow rate(H/M/L)	m³/h	2.56/2.35/2.14	3.31/3.06/2.68	3.62/3.14/2.77
	Water pressure drop(H/M/L)	kPa	87.8/75.1/63	168/147/127.2	163.7/130.9/102
Power input (H/M/L)	W	546/475/415	782/683/606	887/755/628	
Auxiliary electric heater (AEH)	W	9500	9500	9500	
Sound power level	Inlet	dB(A)	68/67/65	74/72/70	75/72/69
	Outlet	dB(A)	66/65/62	72/70/68	73/70/67
Fan motor	Type	Low noise 4-speed fan motor			
	Quantity	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity	2	2	2	
Coil	Row	3	3	3	
	Max. working pressure	MPa	1.6	1.6	1.6
Diameter	mm	Ø9.52	Ø9.52	Ø9.52	
	mm	1290×400×809	1290×400×809	1290×400×809	
Net dimensions(W×H×D)	mm	1290×400×809	1290×400×809	1290×400×809	
Packing size (non-AEH/with-AEH) (W×H×D)	mm	Left connection: 1448×460×877/1448×460×950 Right connection: 1383×422×877/1368×460×950			
Net weight (non-AEH/with-AEH)	kg	76/82	76/82	76/82	
Gross weight (non-AEH/with-AEH)	kg	83/89	83/89	83/89	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
3. Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB.
4. Noise is tested in a reverberation chamber test room."

District Cooling Duct



Model		MKS4-200G30	MKS4-300G30	MKS4-400G30	MKS4-500G30	MKS4-600G30	MKS4-800G50-A4	
Power supply	V/Ph/Hz	220-240/1/50						
Air flow (H/M/L)	m³/h	430/380/340	600/540/480	700/630/520	900/810/720	1160/1040/930	1400/1342/1200	
	CFM	253/224/200	353/318/282	412/370/305	530/476/424	682/612/547	824/789/705	
Standard external static pressure	Pa	30	30	30	30	30	50	
Cooling	Capacity (H/M/L)	kW	2.05/1.742/1.55	2.61/2.21/1.98	4.03/3.42/3.06	4.57/3.88/3.47	6.39/5.43/4.85	6.93/5.89/5.26
	Water flow rate	L/h	196	249	385	437	610.6	662
	Water pressure drop	kPa	10	10	21	25	53.8	13.3
Power input (H/M/L)	W	47/38/33	65/52/46	78/62/55	92/74/64	116/93/81	144/115/101	
Sound pressure level	dB(A)	38/33/27	39/34/28	39/35/29	41/35/30	42/36/31	48/47/46	
Fan motor	Type	Low noise 3-speed fan motor						
	Quantity	1						
Fan	Type	Centrifugal, forward-curved blades						
	Quantity	1	2	2	2	2	2	
Coil	Row	4						
	Max. working pressure	MPa	1.6					
	Diameter	mm	Ø9.52					
Net dimensions (W×H×D)	mm	741×241×522	841×241×522	941×241×522	941×241×522	1161×241×522	1180×340×612	
Packing size (W×H×D)	mm	790×260×550	890×260×550	990×260×550	990×260×550	1210×260×550	1310×380×693	
Net weight	kg	15.3	17.5	20.7	20.7	23.5	39.3	
Gross weight	kg	17.6	20	23.1	23.1	26.5	47	
Water inlet/outlet pipe	inch	RC3/4						
Drain pipe	inch	R3/4						

Model		MKS4-1000G50-A4	MKS4-1200G50-A4	MKS4-1400G50-A4	MKS4-1600G50-A4	MKS4-1800G50-A4	MKS4-2000G50-A4	
Power supply	V/Ph/Hz	220-240/1/50						
Air flow (H/M/L)	m³/h	1650/1527/1405	2040/1851/1666	2420/1850/1657	2430/1917/1742	3380/2239/1878	3660/2544/2199	
	CFM	970/898/826	1200/1089/980	1424/1088/975	1431/1128/1025	1988/1317/1105	2153/1496/1295	
Standard external static pressure	Pa	50	50	50	50	50	50	
Cooling	Capacity (H/M/L)	kW	7.57/6.43/5.75	10.11/8.59/7.68	11.5/9.7/8.74	11.74/9.97/8.92	14.74/12.52/11.2	16.1/13.68/12.23
	Water flow rate	L/h	723	966	1099	1122	1408	1538
	Water pressure drop	kPa	16.3	21	25.3	27.8	37.9	48.1
Power input (H/M/L)	W	176/141/123	320/256/224	392/314/274	482/386/337	538/430/376	583/466/408	
Sound pressure level	dB(A)	49/48/47	51/50/48	52/50/49	53/51/50	54/51/50	54/52/51	
Fan motor	Type	Low noise 3-speed fan motor						
	Quantity	1						
Fan	Type	Centrifugal, forward-curved blades						
	Quantity	2	2	2	2	3	3	
Coil	Row	4						
	Max. working pressure	MPa	1.6					
	Diameter	mm	Ø9.52					
Net dimensions (W×H×D)	mm	1180×340×612	1369×340×612	1369×340×612	1369×340×612	1500×340×612	1500×340×612	
Packing size (W×H×D)	mm	1310×380×693	1490×380×693	1490×380×693	1490×380×693	1620×380×693	1620×380×693	
Net weight	kg	40.8	46.3	46.3	46.3	54.8	54.8	
Gross weight	kg	49.6	56.4	56.4	56.4	64.6	64.6	
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. The data are test under standard external static pressure.
3. Cooling conditions: entering water 5.5°C, temperature rise 9°C, entering air temperature 27°C DB/19°C WB.
4. Noise is tested in a semi-anechoic test room.

4-Pipe Duct



Model		MKT3-200FG30A	MKT3-300FG30A	MKT3-400FG30A	MKT3-500FG30A	MKT3-600FG30A	
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m³/h	470/382/285	639/493/374	751/628/457	955/779/589	1204/955/719	
	CFM	200/150/100	300/225/150	400/300/200	500/375/250	600/450/300	
Standard external static pressure	Pa	G30 models: 30					
Cooling	Capacity (H/M/L)	kW	2.01/1.76/1.44	2.76/2.34/1.97	3.37/3.03/2.33	3.49/3.1/2.53	4.82/4.29/3.61
	Water flow rate(H/M/L)	m³/h	0.36/0.32/0.26	0.5/0.42/0.35	0.61/0.55/0.42	0.63/0.56/0.46	0.87/0.77/0.65
	Water pressure drop(H/M/L)	kPa	11/9/6.5	23/17.3/12.7	58.7/55.2/51	142.2/113.4/79.7	24.7/19.9/14.8
Heating	Capacity (H/M/L)	kW	2.33/2.1/1.79	3.07/2.72/2.37	3.8/3.49/2.98	4.51/4.03/3.43	5.5/4.99/4.35
	Water flow rate(H/M/L)	m³/h	0.21/0.19/0.16	0.28/0.25/0.22	0.35/0.32/0.27	0.41/0.37/0.32	0.5/0.46/0.4
	Water pressure drop(H/M/L)	kPa	8.5/7.2/5.8	13.8/11.3/9	18.4/16.2/12.3	31/22.7/17.8	50/42.2/33
Power input	30Pa (H/M/L)	W	61/53/47	76/65/57	88/81/72	108/89/77	136/121/106
Sound power level	30Pa (H/M/L)	dB(A)	60/55/46	56/51/44	59/55/48	62/58/52	63/58/52
Fan motor	Type	Low noise 4-speed fan motor					
	Quantity	1	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	1	2	2	2	2	
Coil	Row	3	3	3	3	3	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	
Net dimensions (W×H×D)	mm	741×241×522	841×241×522	941×241×522	941×241×522	1161×241×522	
Packing size (W×H×D)	mm	790×260×555	890×260×555	990×260×555	990×260×555	1210×260×555	
Net weight	kg	15.1	17.5	20.7	20.7	23.5	
Gross weight	kg	17.4	20	23.1	23.1	26.5	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4	R3/4	

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7 °C, leaving water 12 °C, Entering air temperature 27 °C DB/19 °C WB.
Heating conditions: Entering water 65 °C, leaving water 55 °C, Entering air temperature 20 °C DB.
3. Noise is tested in a reverberation chamber test room."

4-Pipe Duct



Model		MKT3-800FG30A	MKT3-1000FG30A	MKT3-1200FG30A	MKT3-1400FG30A	
Power supply	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m³/h	1349/1062/820	1749/1350/1006	2099/1698/1145	2226/1720/1173	
	CFM	800/600/400	1000/750/500	1200/900/600	1400/1050/700	
Standard external static pressure	Pa	G30 models: 30				
Cooling	Capacity (H/M/L)	kW	6.16/5.38/4.55	7.15/6.17/5.21	7.36/6.72/5.54	10.16/8.85/7.02
	Water flow rate(H/M/L)	m³/h	1.11/0.97/0.82	1.29/1.11/0.94	1.32/1.21/1	1.83/1.59/1.26
	Water pressure drop(H/M/L)	kPa	26.3/20.6/15.5	32/24.4/18.1	41.3/34.9/24.7	74.8/58.3/39
Heating	Capacity (H/M/L)	kW	6.04/5.41/4.73	7.22/6.43/5.62	8.89/8.09/6.73	9.84/8.78/7.28
	Water flow rate(H/M/L)	m³/h	0.55/0.5/0.43	0.66/0.59/0.52	0.82/0.74/0.62	0.9/0.81/0.67
	Water pressure drop(H/M/L)	kPa	11/8.9/10.4	17.3/14.2/11	27.6/23.3/16.9	33.6/27.6/20
Power input	30Pa (H/M/L)	W	169/144/127	224/197/177	270/234/195	308/238/197
Sound power level	30Pa (H/M/L)	dB(A)	62/57/50	66/60/54	66/62/56	66/62/57
Fan motor	Type	Low noise 4-speed fan motor				
	Quantity	2	2	2	2	
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	4	4	4	4	
Coil	Row	3	3	3	3	
	Max. working pressure	MPa	1.6	1.6	1.6	
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52	
Net dimensions (W×H×D)	mm	1461×241×522	1566×241×522	1856×241×522	2022×241×522	
Packing size (W×H×D)	mm	1510×260×555	1615×260×555	1905×260×555	2070×260×555	
Net weight	kg	32.4	34.9	40	43.6	
Gross weight	kg	36	38.6	43.5	48.9	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4	

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7 °C, leaving water 12 °C, Entering air temperature 27 °C DB/19 °C WB.
Heating conditions: Entering water 65 °C, leaving water 55 °C, Entering air temperature 20 °C DB.
3. Noise is tested in a reverberation chamber test room."

Fan Coil Units

Wall Mounted Series

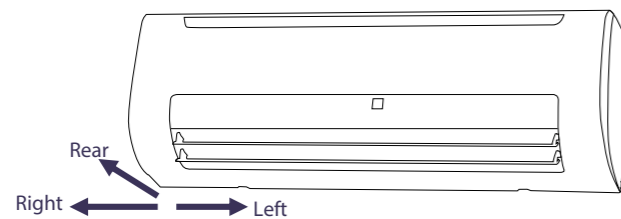


Stylish Panel

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

Convenient Installation

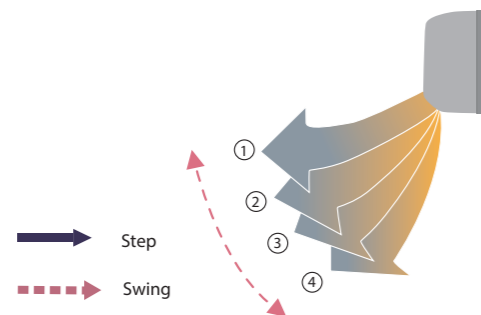
- ❖ Multi-directional outlet pipe feature: left\right\rear, to meet the needs of different rooms.



Built-in 3-Way Electromagnetic Valve

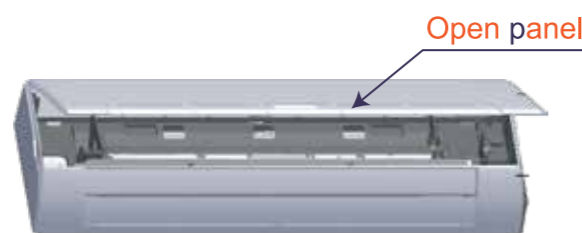
Auto Swing Louver

- ❖ 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 Type)



Model		MKG-250A	MKG-300A	MKG-400A	MKG-500A	MKG-600A	
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	841/723/594	915/836/714	
	CFM	256/233/201	308/251/206	388/314/282	495/425/349	538/492/420	
Cooling	Capacity (H/M/L)	kW	1.94/1.84/1.68	2.64/2.4/1.99	2.94/2.58/2.34	4.01/3.61/3.1	4.61/4.33/3.84
	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	0.72/0.65/0.56	0.83/0.78/0.69
	Water pressure drop(H/M/L)	kPa	31.6/28.6/25.2	37.5/30/24	57.2/47.6/38.7	47.1/33.5/29.7	51/39.5/34
Heating	Capacity (H/M/L)	kW	2.34/2.15/1.94	2.9/2.6/2.22	3.46/2.75/2.52	4.39/3.8/3.27	4.55/4.2/3.82
	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	0.8/0.69/0.6	0.83/0.76/0.69
	Water pressure drop(H/M/L)	kPa	35.2/34.9/30	39.3/31.5/25	70.8/55.1/46.2	48.6/40.8/31.7	48/43/33
Power input (H/M/L)	W	35/32/31	47/43/39	50/51/47	60/54/48	72/60/55	
Sound power level	dB(A)	44/42/40	48/43/39	57/51/47	54/50/45	59/55/50	
Fan motor	Type	Low noise 4-speed fan 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	Row	2	2	2	2	2	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	
	Diameter	mm	Φ7	Φ7	Φ7	Φ7	
Net dimensions (W×H×D)	mm	915×290×210	915×290×210	915×290×210	1070×315×210	1070×315×210	
Packing size (W×H×D)	mm	1020×385×300	1020×385×300	1020×385×300	1180×410×300	1180×410×300	
Net weight	kg	12	12	12	15	15	
Gross weight	kg	16	16.7	16.7	19	19	
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	G3/4	
Drain pipe	mm	ODΦ20	ODΦ20	ODΦ20	ODΦ20	ODΦ20	

Wall Mounted (S Type)



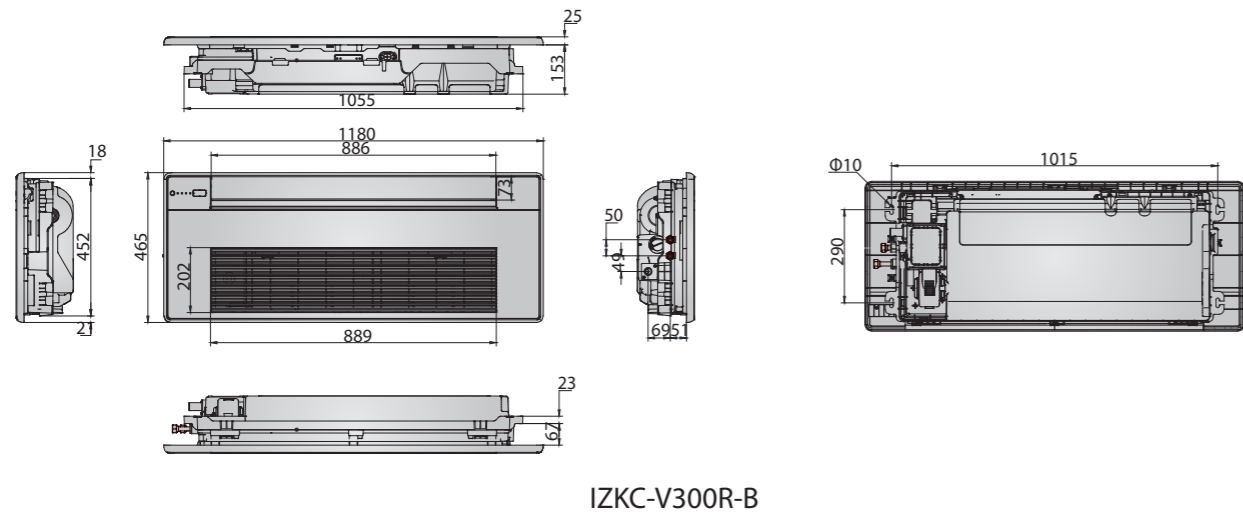
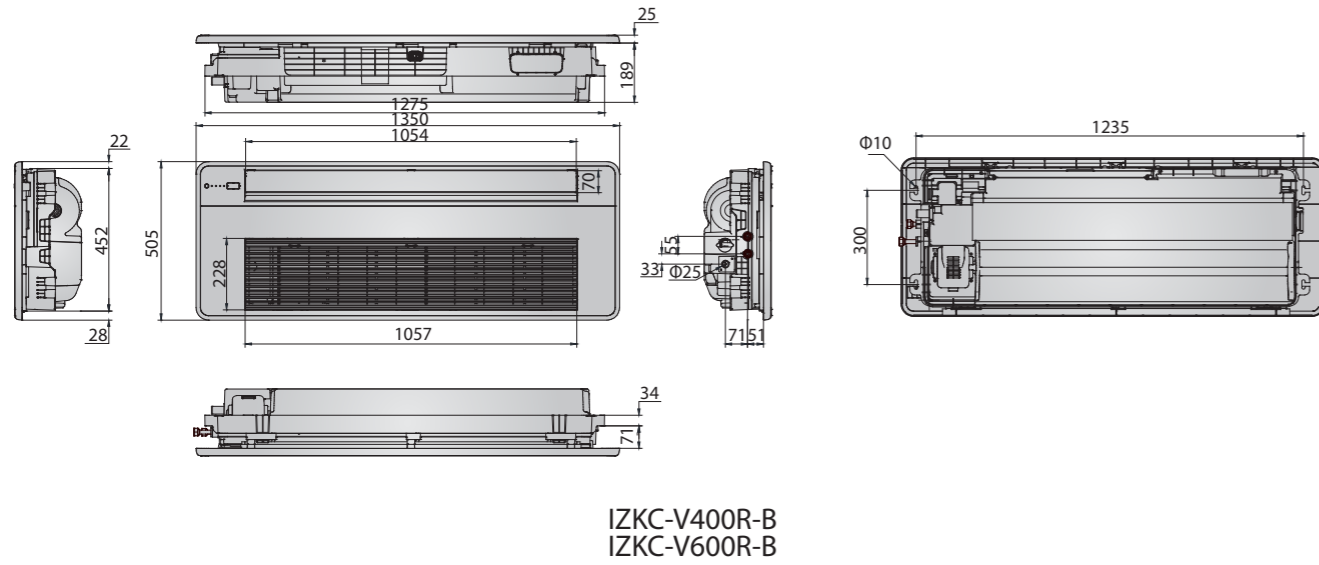
Model		MKG-250-BA	MKG-300-BA	MKG-400-BA	MKG-500-BA	MKG-600-BA	
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m ³ /h	435/396/342	523/426/351	660/534/480	841/723/594	915/836/714	
	CFM	256/233/201	308/251/206	388/314/282	495/425/349	538/492/420	
Cooling	Capacity (H/M/L)	kW	1.94/1.84/1.68	2.64/2.4/1.99	2.94/2.58/2.34	4.01/3.61/3.1	4.61/4.33/3.84
	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	0.72/0.65/0.56	0.83/0.78/0.69
	Water pressure drop(H/M/L)	kPa	31.6/28.6/25.2	37.5/30/24	57.2/47.6/38.7	47.1/33.5/29.7	51/39.5/34
Heating	Capacity (H/M/L)	kW	2.34/2.15/1.94	2.9/2.6/2.22	3.46/2.75/2.52	4.39/3.8/3.27	4.55/4.2/3.82
	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	0.8/0.69/0.6	0.83/0.76/0.69
	Water pressure drop(H/M/L)	kPa	35.2/34.9/30	39.3/31.5/25	70.8/55.1/46.2	48.6/40.8/31.7	48/43/33
Power input (H/M/L)	W	35/32/31	47/43/39	50/51/47	60/54/48	72/60/55	
Sound power level	dB(A)	44/42/40	48/43/39	57/51/47	54/50/45	59/55/50	
Fan motor	Type	Low noise 4-speed fan 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	Row	2	2	2	2	2	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	
	Diameter	mm	Φ7	Φ7	Φ7	Φ7	
Net dimensions (W×H×D)	mm	915×290×230	915×290×230	915×290×230	1072×315×230	1072×315×230	
Packing size (W×H×D)	mm	1020×390×315	1020×390×315	1020×390×315	1180×415×315	1180×415×315	
Net weight	kg	13	13	13.3	15.8	15.8	
Gross weight	kg	16.3	16.3	16.7	19.4	19.4	
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	G3/4	
Drain pipe	mm	ODΦ20	ODΦ20	ODΦ20	ODΦ20	ODΦ20	

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7 °C, leaving water 12 °C, Entering air temperature 27 °C DB/19 °C WB.
Heating conditions: Entering water 45 °C, leaving water 40 °C, Entering air temperature 20 °C DB.
3. Noise is tested in a reverberation chamber test room."

Dimensions

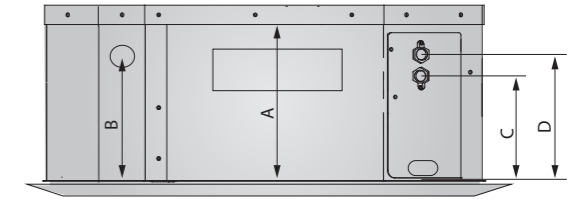
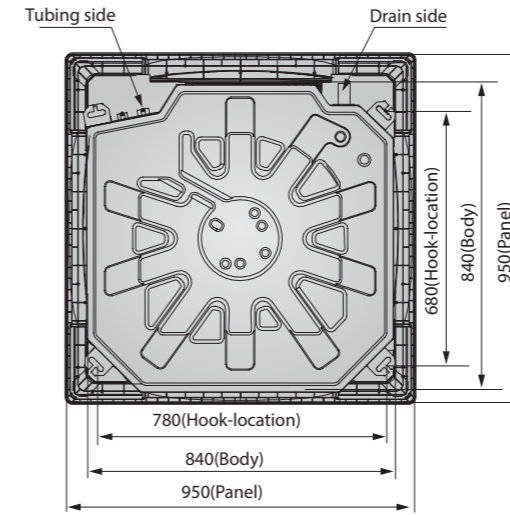
1-way cassette



4-way cassette

2-pipe 4-way cassette

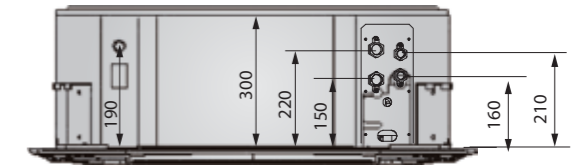
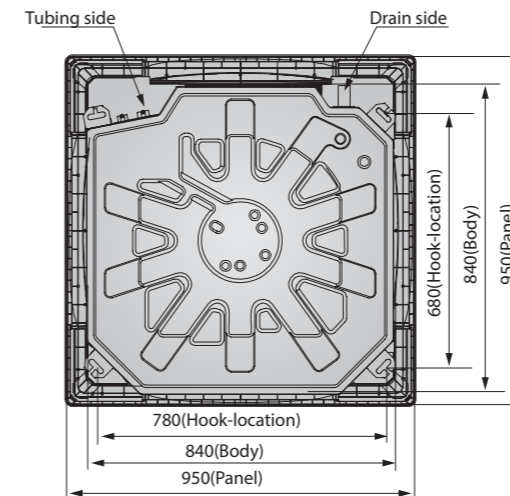
Dimensions (unit:mm)



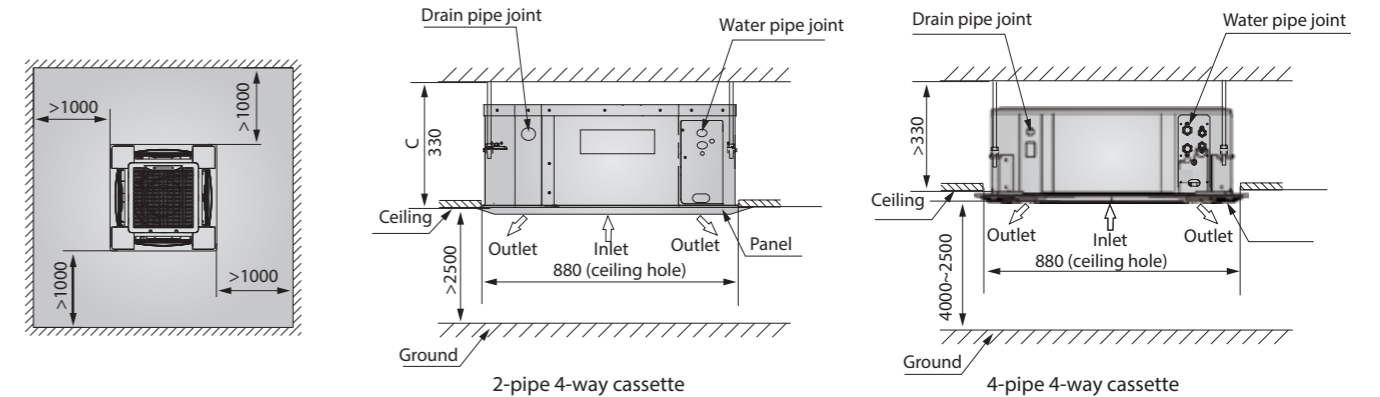
Model	Size	A	B	C	D
IZKA-V600R		230	170	135	185
IZKA-V750R					
IZKA-V950R					
IZKA-V1200R		300	190	145	195
IZAK-V1500R					

4-Pipe 4-way cassette

Dimensions (unit:mm)



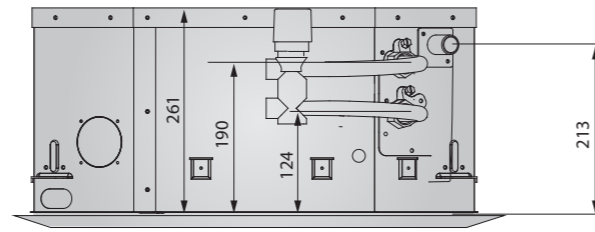
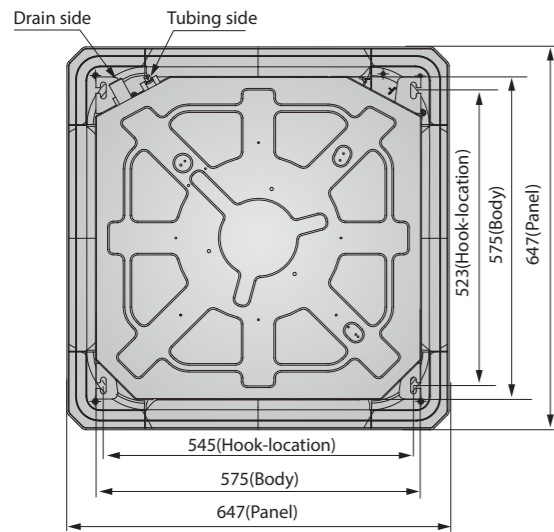
Service Spaces (unit:mm)



Compact 4-way cassette

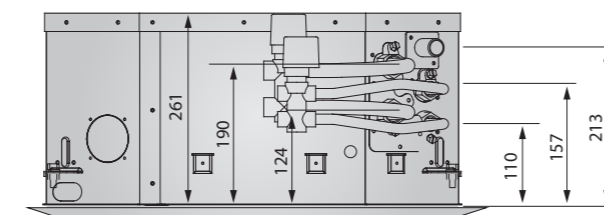
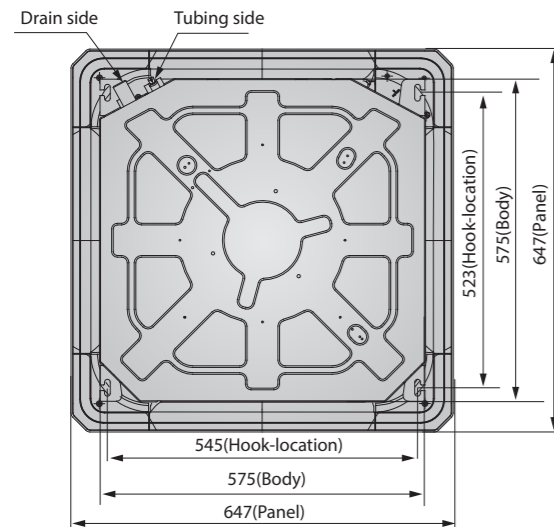
2-pipe compact 4-way cassette

Dimensions (unit: mm)

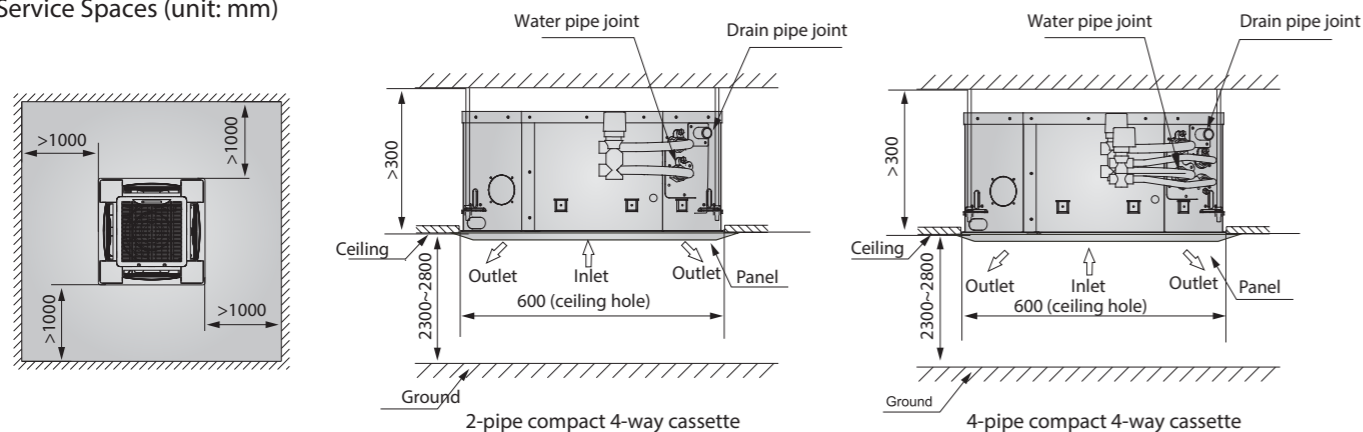


4-pipe compact 4-way cassette

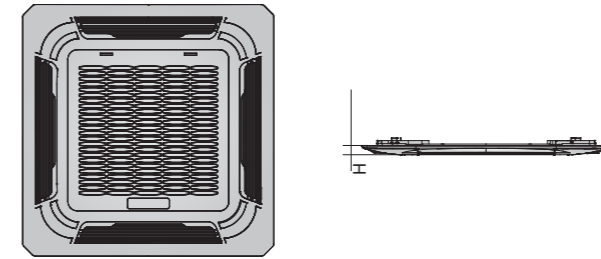
Dimensions (unit: mm)



Service Spaces (unit: mm)



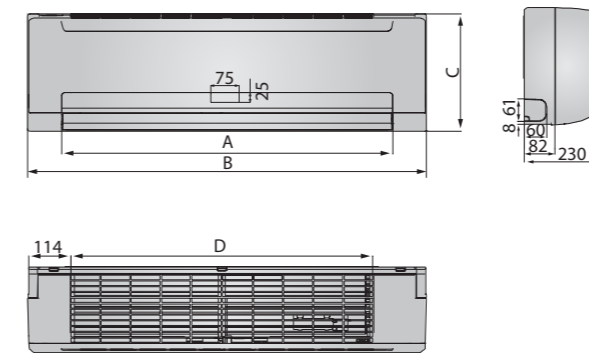
Height of the front panel



Type	H (mm)
4-way cassette	45
Compact 4-way cassette	50

Wall mounted - S type

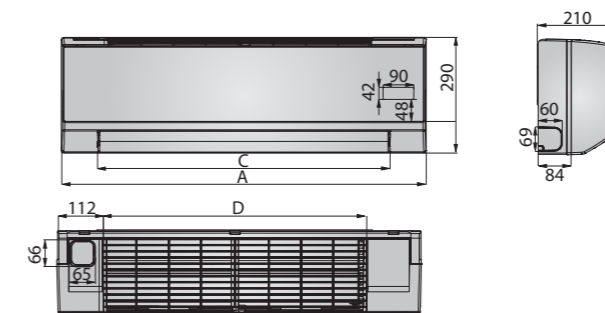
Dimensions (unit: mm)



Size	Model	IZKG-V250-B IZKG-V300-B IZKG-V400-B	IZKG-V500-B IZKG-V600-B
A		732	892
B		915	1072
C		290	315
D		663	813

Wall mounted - C type

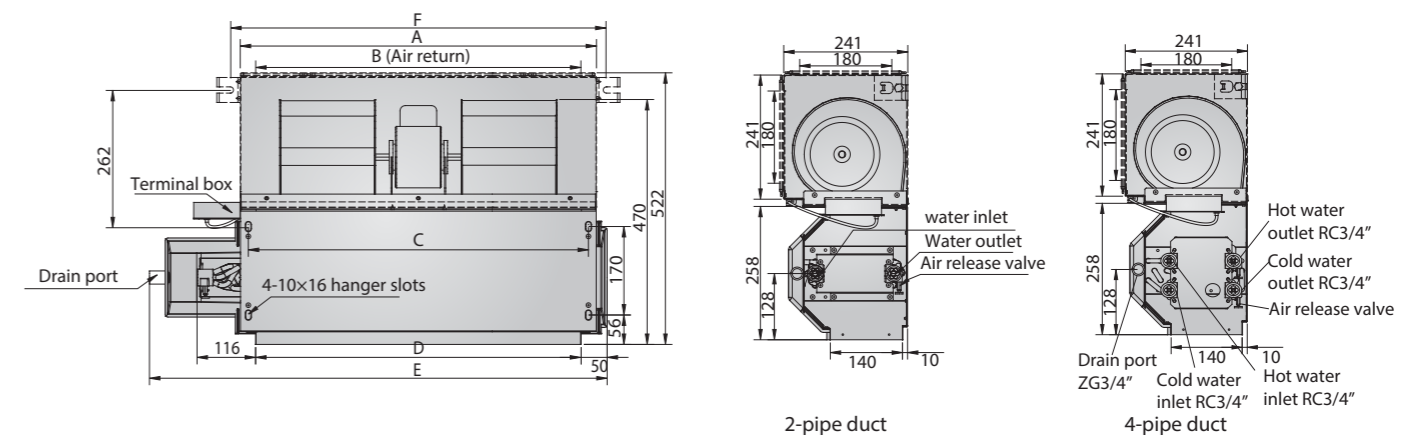
Dimensions (unit: mm)



Size	Model	IZKG-V250 IZKG-V300 IZKG-V400	IZKG-V500 IZKG-V600
A		915	1070
B		290	315
C		725	885
D		670	815

Duct

Dimensions (unit: mm)

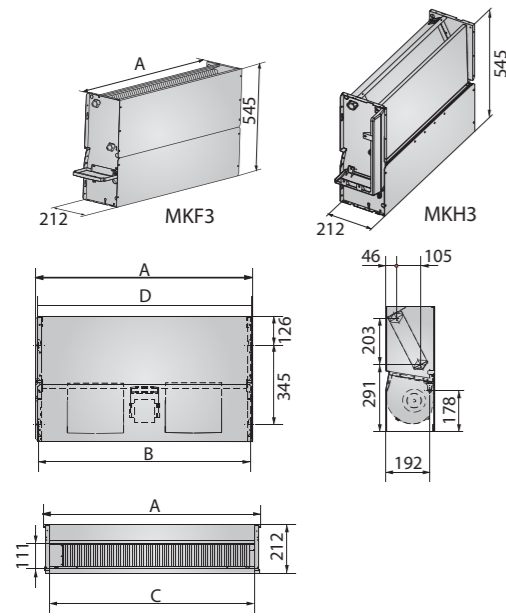


(continued: duct units dimensions)

Size	A	B	C	D	E	F
200CFM	545	485	513	485	741	583
300CFM	645	585	613	585	841	683
400CFM	745	685	713	685	941	783
500CFM	745	685	713	685	941	783
600CFM	965	905	933	905	1161	1003
800CFM	1265	1205	1233	1205	1461	1303
1000CFM	1370	1310	1338	1310	1566	1408
1200CFM	1660	1600	1628	1600	1856	1698

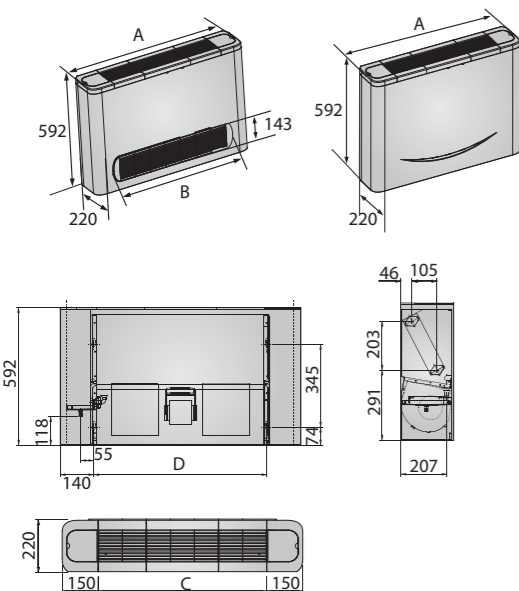
Ceiling & Floor

Dimensions (unit: mm)
Concealed type



Model	IZKH3-V150/250	IZKH3-V300/400	IZKH3-V450/500	IZKH3-V600~900
A(mm)	550	750	950	1250
B(mm)	526	726	926	1226
C(mm)	500	700	900	1200
D(mm)	532	732	932	1232

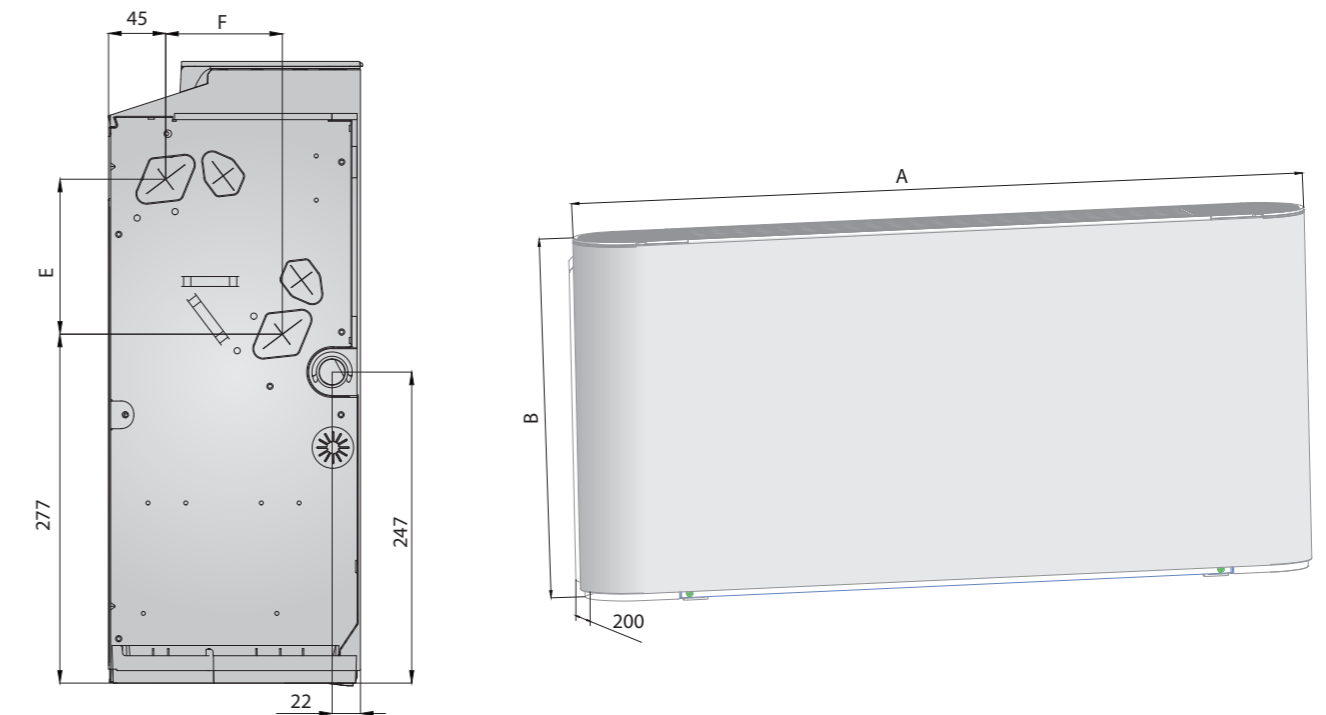
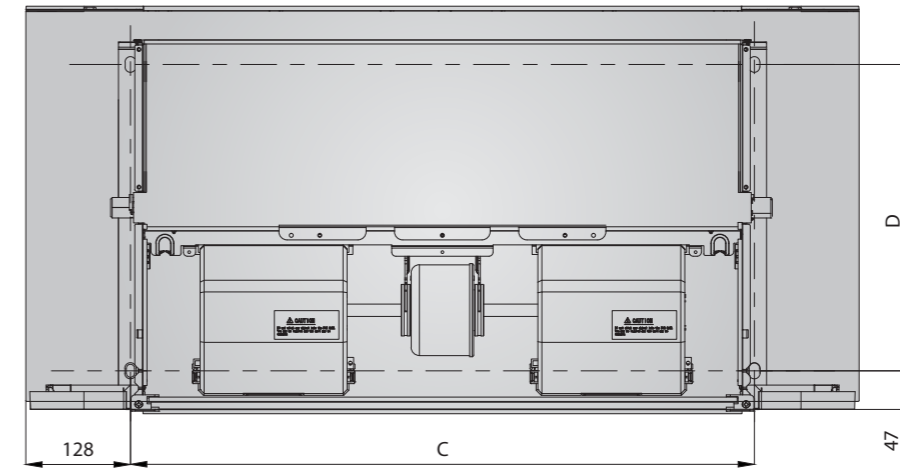
Exposed type



Model	IZKH4-V150/250 IZKH5-V150/250	IZKH4-V300/400 IZKH5-V300/400	IZKH4-V450/500 IZKH5-V450/500	IZKH4-V600~900 IZKH5-V600~900
A(mm)	800	1000	1200	1500
B(mm)	584	784	984	1284
C(mm)	500	700	900	1200
D(mm)	526	726	926	1226

2nd generation Ceiling&Floor

Dimensions (unit: mm)



Model	IZKH2-V150	IZKH2-V250	IZKH2-V300	IZKH2-V500	IZKH2-V700	IZKH2-V800
A(mm)	790	1020	1240	1240	1360	1360
B(mm)	495	495	495	495	495	591
C(mm)	523	793	973	973	1093	1093
D(mm)	123	123	123	123	123	219
E(mm)	93	93	93	93	93	102

Control Devices

Wireless remote controllers

Model	Appearance	Function Descriptions	Applicable FCUs
R05/BGE		<ul style="list-style-type: none"> ❖ LCD display screen ❖ Mode control ❖ Fan speeds control ❖ Time setting / Temp. setting / Swing setting 	4-way Cassette (standard) Compact 4-way cassette (standard) Wall mounted (standard) one-way cassette (standard)

Wired controllers

Model	Appearance	Function Descriptions	Applicable FCUs
KJRP-86A1-E		<ul style="list-style-type: none"> ❖ LCD display screen ❖ Mode control ❖ Fan speeds control ❖ Timer setting / Temp. setting 	Duct without electric heater (optional)
KJR-18B/E		<ul style="list-style-type: none"> ❖ Mechanical thermostat ❖ Mode control ❖ Fan speeds control ❖ Temp. setting 	Duct without electric heater (optional)
KJR-21B/D		<ul style="list-style-type: none"> ❖ LCD display screen ❖ Mode control / Fan speeds control ❖ Electric heater control ❖ Temp. setting 	Duct with electric heater (optional)
KJR-15B/E		<ul style="list-style-type: none"> ❖ LCD display screen ❖ Mode control ❖ Fan speeds control ❖ Temperature display in °F or °C 	Floor standing / Ceiling & floor (optional)
KJR-29B/E		<ul style="list-style-type: none"> ❖ LCD display screen ❖ Mode control ❖ Fan speeds control ❖ Temp. setting 	Cassette / Wall-mounted (optional)
KJR-12B/E		<ul style="list-style-type: none"> ❖ Swing function ❖ Mode control ❖ Fan speeds control ❖ Temp. setting 	Cassette / Wall-mounted (optional)
KJR-75A/BK-E		<ul style="list-style-type: none"> ❖ LED display screen ❖ Mode control ❖ Seven speed fan control ❖ Temp. setting 	2nd generation Ceiling&Floor(optional) one-way cassette (optional)

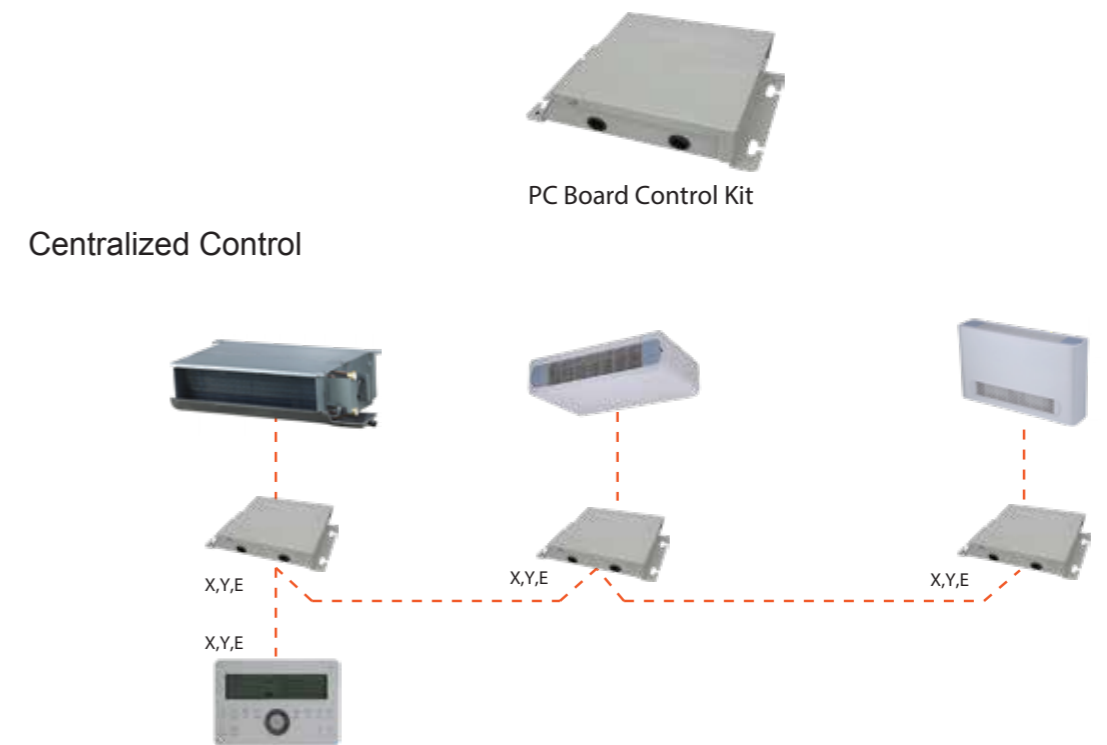
Centralized controllers

Model	Appearance	Function Descriptions	Applicable FCUs
CCM09		<ul style="list-style-type: none"> ❖ Weekly schedule function ❖ Large LCD display screen ❖ Max. of 64 FCUs can be controlled by a CCM03 ❖ Mode control / fan speed control ❖ Time setting / temp. setting / swing setting 	All FCUs
CCM30		<ul style="list-style-type: none"> ❖ Touch-style keys ❖ Large LCD display screen ❖ Max. of 64 FCUs can be controlled by a CCM03 ❖ Mode control / fan speed control ❖ Time setting / temp. setting / swing setting 	4-way cassette and compact 4-way cassette FCUs need customize PCB, none-PCB FCUs need adding PC board control kit)

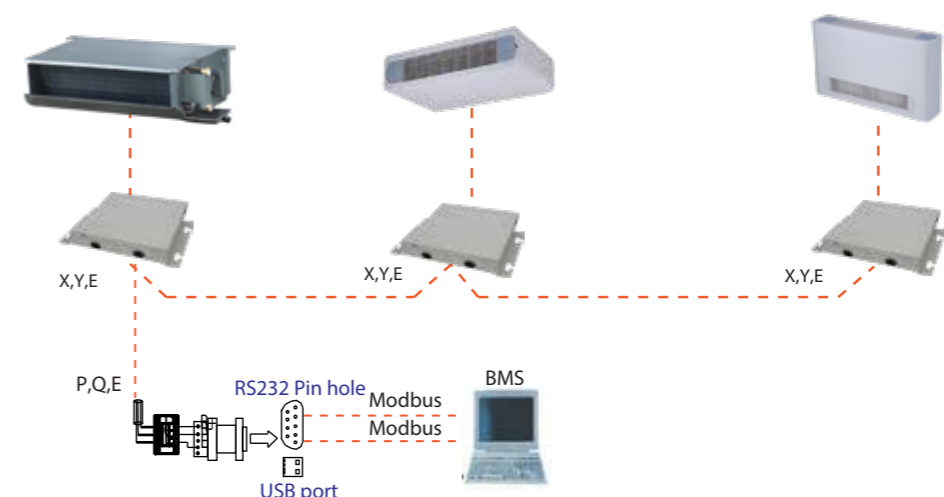
Accessories

PC Board Control Kit for FCU

- ❖ Available for all non-PCB FCUs.
- ❖ Flexible installation, it can be attached to the unit, mounted on a wall or hung under a ceiling.
- ❖ External installation making maintenance more convenient.
- ❖ Functions: Three fan speeds control, Water pump control, Long-distance ON/OFF control, ALARM function, Electric heater control.
- ❖ Operating status can be displayed by wired controller lamp indicator.
- ❖ Centralized control function.
- ❖ BMS control function through Modbus protocol.



BMS control system through Modbus protocol





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