Specifications

One-way Cassette

Model			MKC-V300R-B	MKC-V400R-B	MKC-V600R-B
Power supply		V/Ph/Hz		220-240/1/50	
Air flow (H/M/L)		m³/h	510/432/330	630/509/428	1000/786/583
		CFM	300/254/194	371/299/252	588/462/343
Cooling	Capacity (H/M/L)	kW	2.65/2.23/1.68	3.78/3.43/2.90	5.20/4.36/3.58
	Water flow rate (H/M/L)	m³/h	0.49/0.42/0.33	0.6/0.52/0.45	0.87/0.7/0.55
	Water pressure drop (H/M/L)	kPa	8.63/6.26/3.69	23.85/18.07/14.8	38.22/28.95/19.41
	Power input (H/M/L)	W	22/18/14	25/19/17	38/27/19
Heating	Capacity (H/M/L)	kW	3.15/2.83/2.29	4/3.32/2.73	5.75/4.68/3.6
	Water flow rate (H/M/L)	m3/h	0.5/0.42/0.32	0.59/0.49/0.42	0.86/0.67/0.48
	Water pressure drop (H/M/L)	kPa	13.49/9.95/6.84	23.62/20.33/15.89	45.56/32.26/18.92
	Power input (H/M/L)	W	16/11/8	25/12/10	31/20/12
Sound pressure level (H/M/L)		dB(A)	44.3/40.6/33.5	36.6/32.6/30.4	44.6/38.6/33.1
Sound power level (H/M/L)		dB(A)	54/50/43	48/43/40	56/50/44
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	1.6
	Diameter	mm	Φ7	Φ7	Φ7
Panel	Net dimensions (W×H×D)	mm	1180x25x465	1350x25x505	1350x25x505
	Packing size (W×H×D)	mm	1232x107x517	1410x95x560	1410x95x560
	Net weight	kg	3.5	4	4
	Gross weight	kg	5.2	5.4	5.4
Body	Net dimensions (W×H×D)	mm	1054x153x428	1275x189x450	1275x189x450
	Packing size (W×H×D)	mm	1155x245x490	1400×295×505	1400×295×505
	Net weight	kg	12.5	17.5	17.5
	Gross weight	kg	16.5	23.5	23.5
Pipe connections	Water inlet/outlet pipe	inch	G1/2	G1/2	G1/2
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

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/15°C WB.
3. Noise is tested in semi-anechoic test room.

Four-way Cassette



Model: 600/750/850/950/
1200/1500 CFM



KJR-29B
Wired controller



CCM30
Central controller



Model(New): 600/700/800/
1000/1200 CFM



WDC3-86S
Wired controller

Notes: For New Four-way Cassette



R05
Remote controller



RM12F1
Remote controller

Notes: For New Four-way Cassette

Features

4-Way Cassette	New 4-Way Cassette
4-way air supply panel as standard, new 360°air supply panel is optional	360°air supply panel is standard
Optional for NEW 360°panel	Individual louver control
R05; KJR-29B; CCM30	Compatible with V8 controllers (RM12F1; KJR-86S)
Air supply for 3 m high ceilings	Air supply for 4.5 m high ceilings
/	Human Detect Sensor (optional) / sterilization module, medium and high-efficiency filtration, etc. (optional)*
Built-in PCB and drain pump with 1200mm pump head	
Optional extended drainage pan for enhanced ceiling protection	
Compatible with 0-10V input function (optional).	
Available for 2/4 pipe system	

*If you need more information, please contact us.

360° airflow for wide-angle, evenly-distributed cooling and heating. Ideal for standard ceilings. ideal for standard ceilings.



Features

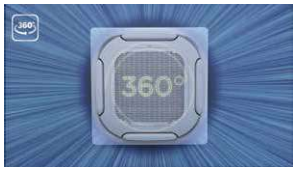
Stylish Panel with Large Airflow Outlet

4-way cassettes feature a standard 4-way air supply panel with an optional 360° panel.



NEW 360° panel

A newly-designed round air discharge ensures uniform, evenly-distributed airflow and temperature.



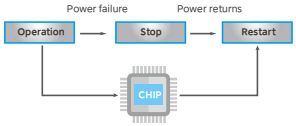
Individual Louver Control

All four louvers can be independently controlled and adjusted for more customized airflow.



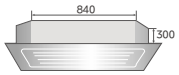
Auto restart

In the event of a sudden power failure during operation,unit restarts automatically and the unit will operate based on the previous setting (operating mode, temperature setting and fan speed).



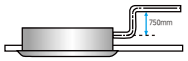
Compact, low-profile design

A low profile height of 300mm easily accommodates installation in standard ceiling cavities.



High-lift Drain Pump

A drain pump with a 750mm(1200mm for New 4-Way Cassette) pump head is fitted as standard, simplifying installation of the drain piping.



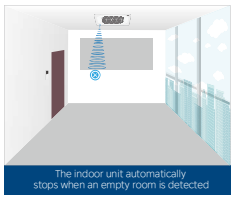
Control solutions

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



Human Detect Sensor (optional for New 4-Way Cassette)

The indoor unit automatically stops when detecting absence.



Specifications

2-Pipe 4-Way Cassette

Model			MKA-V600R	MKA-V750R	MKA-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	722/600/478	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	23.8/19.1/13.6	26.0/21.3/12.4	20.1/15.3/12.6
	Power input (H/M/L)	W	41/30/20	48/31/20	68/37/30
Heating[2]	Capacity (H/M/L)	kW	6.06/5.72/5.32	6.27/5.88/5.43	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	49/32/21	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	42/28/20	48/31/19	67/37/28
Sound pressure level (H/M/L)		dB(A)	43/39/33	44/40/34	45/40/37
Sound power level (H/M/L)		dB(A)	55/51/46	56/52/46	57/52/49
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	1.6
	Diameter	mm	Φ7	Φ7	Φ7
Panel	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	6	6
	Gross weight	kg	9	9	9
Body	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	23.9	27
	Gross weight	kg	28	28.9	33
Pipe connections	Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4
	Drain pipe	mm	OD:Φ32	OD:Φ32	OD:Φ32

Model			MKA-V950R	MKA-V1200R	MKA-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	11.19/8.67/7.48
	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	137/68/48
Heating[2]	Capacity (H/M/L)	kW	8.49/8.00/7.35	9.16/8.54/7.9	11.86/9.48/8.25
	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	78/43/33	86/59/45	130/60/41
Heating[3]	Capacity (H/M/L)	kW	10.86/9.24/8.49	10.92/9.84/9.16	14.92/10.64/9.13
	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
Sound power level (H/M/L)		dB(A)	58/54/51	60/56/53	61/55/51
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	3
	Max. Working pressure	MPa	1.6	1.6	1.6
	Diameter	mm	Φ7	Φ7	Φ7
Panel	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	6	6
	Gross weight	kg	9	9	9
Body	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	27	29.5
	Gross weight	kg	33	33	34.5
Pipe connections	Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4
	Drain pipe	mm	OD:Φ32	OD:Φ32	OD:Φ32

Notes:
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 teperaure/water flow 50°C/*Same water flow as in standard rating condition in cooling)
4:Noise is tested in a semi-anechoic test room.

Specifications

New 2-Pipe 4-Way Cassette

Model			MKA-V600-CA	MKA-V700-CA	MKA-V800-CA
Power supply		V/Ph/Hz	220-240/1/50		
Air flow		m³/h	1020/950/880/780/700/620/490	1190/1090/990/900/790/680/560	1360/1280/1180/1040/920/800/650
		CFM	600/559/517/458/411/364/288	700/641/582/529/464/400/329	800/752/694/611/541/470/382
Cooling	Capacity	kW	5.50/5.25/5.00/4.55/4.00/3.20/2.70	6.50/6.10/5.70/5.10/4.80/4.40/3.75	7.50/7.00/6.50/6.00/5.50/4.90/4.30
	Water flow rate	m³/h	1.04/0.97/0.90/0.81/0.71/0.58/0.49	1.20/1.08/0.99/0.90/0.82/0.76/0.70	1.33/1.23/1.13/1.06/0.96/0.85/0.77
	Water pressure drop	kPa	45/35/32/30/25/20/18	30/28/25/20/18/16/14	35/32/29/25/20/18/14
	Power input	W	40/35/30/25/20/15/12	45/35/30/25/20/15/12	60/50/40/30/25/20/15
Heating	Capacity	kW	6.50/6.20/5.90/5.25/4.85/4.30/3.55	7.50/7.20/6.60/6.10/5.50/5.00/4.10	8.50/7.90/7.20/6.60/5.90/5.40/4.70
	Water flow rate	m³/h	1.18/1.09/1.04/0.94/0.84/0.75/0.64	1.35/1.28/1.19/1.07/0.97/0.88/0.81	1.48/1.39/1.28/1.17/1.03/0.93/0.83
	Water pressure drop	kPa	45/35/32/30/25/20/18	30/28/25/20/18/16/14	35/32/29/25/20/18/14
	Power input	W	40/35/30/25/20/15/12	45/35/30/25/20/15/12	60/50/40/30/25/20/15
Sound pressure level		dB(A)	39.8/37.5/35.2/32.3/29.2/25.9/22.3	37.4/34.6/31.8/28.9/25.9/23.5/20.7	41.4/38.7/35.8/32.5/29.1/25.9/23.1
Sound power level		dB(A)	51.5/48.1/46.5/43.6/40.4/36.9/33.6	50.9/48.4/45.6/42.8/39.9/39.1/36.7	52.7/50.2/47.4/44.5/41.2/37.4/35.35
Rated current		A	0.4/0.4/0.3/0.3/0.3/0.3/0.3	0.4/0.4/0.3/0.3/0.3/0.3/0.3	0.5/0.3/0.4/0.3/0.3/0.3/0.3
Fan motor	Type		DC motor		
	Number		1		
Fan	Type		Centrifugal, forward-curved Blades		
	Number		1		
Coil	Row		2		
	Max. Working pressure	MPa	1.6		
	Diameter	mm	7		
Panel	Net dimensions (W×H×D)	mm	950*77*950	950*77*950	950*77*950
	Packing size (W×H×D)	mm	1020*90*1020	1020*90*1020	1020*90*1020
	Net weight	kg	5.8	5.8	5.8
	Gross weight	kg	7.6	7.6	7.6
Body	Net dimensions (W×H×D)	mm	840*204*840	840*288*840	840*288*840
	Packing size (W×H×D)	mm	940*250*940	940*335*940	940*335*940
	Net weight	kg	19.3	23.6	23.6
	Gross weight	kg	22.3	26.2	26.2
Pipe connections	Water inlet/outlet pipe	mm	RC3/4		
	Drain pipe	mm	Φ25		

Model			MKA-V1000-CA	MKA-V1200-CA
Power supply		V/Ph/Hz	220-240/1/50	
Air flow		m³/h	1700/1600/1450/1250/1150/1000/810	1950/1850/1650/1450/1300/1150/950
		CFM	1000/941/852/735/676/588/476	1147/1088/970/852/764/676/558
Cooling	Capacity	kW	8.50/8.20/7.65/6.95/6.40/5.80/4.85	10.50/10.00/9.50/8.90/8.00/7.10/6.20
	Water flow rate	m³/h	1.56/1.46/1.35/1.22/1.12/1.01/0.86	2.02/1.89/1.76/1.64/1.50/1.32/1.16
	Water pressure drop	kPa	45/40/35/30/25/20/18	45/40/35/30/25/20/17
	Power input	W	100/80/60/50/40/30/20	200/150/110/80/60/40/30
Heating	Capacity	kW	9.50/9.35/8.75/8.10/7.40/6.60/5.80	12.00/11.20/10.50/9.95/9.00/8.00/6.90
	Water flow rate	m³/h	1.73/1.66/1.57/1.44/1.30/1.16/1.02	2.23/2.08/1.89/1.72/1.56/1.38/1.20
	Water pressure drop	kPa	45/40/35/30/25/20/18	45/40/35/30/25/20/17
	Power input	W	100/80/60/50/40/30/20	200/150/110/80/60/40/30
Sound pressure level		dB(A)	46.8/44.5/41.6/38.4/34.8/30.8/26.8	51.5/49.3/46.9/44.2/40.7/36.7/32.0
Sound power level		dB(A)	59.1/56.8/54.1/51.1/47.7/43.9/40.3	63.5/61.2/58.6/55.7/52.4/48.5/44.1
Rated current		A	0.8/0.7/0.5/0.4/0.3/0.3/0.3	1.4/1.1/0.8/0.7/0.5/0.4/0.4
Fan motor	Type		DC motor	
	Number		1	
Fan	Type		Centrifugal, forward-curved Blades	
	Number		1	
Coil	Row		2	3
	Max. Working pressure	MPa	1.6	
	Diameter	mm	7	
Panel	Net dimensions (W×H×D)	mm	950*77*950	950*77*950
	Packing size (W×H×D)	mm	1020*90*1020	1020*90*1020
	Net weight	kg	5.8	5.8
	Gross weight	kg	7.6	7.6
Body	Net dimensions (W×H×D)	mm	840*288*840	840*288*840
	Packing size (W×H×D)	mm	940*335*940	940*335*940
	Net weight	kg	23.6	25.9
	Gross weight	kg	26.2	28.3
Pipe connections	Water inlet/outlet pipe	mm	RC3/4	
	Drain pipe	mm	Φ25	

Notes:
1.Cooling mode: entering air temperature 27°C DB/19°C WB, entering/leaving water temperature 7°C /12°C.
2.Heating mode: entering air temperature 20°C DB, entering/leaving water temperature 45/40°C.
3.Sound power levels are measured 1m around the unit in a semi-anechoic chamber. During in-situ operation. Sound pressure levels are measured 1m below and right of the unit in a semi-anechoic chamber.

Specifications

4-Pipe 4-Way Cassette

Model			MKA-V600FA	MKA-V750FA	MKA-V850FA
Power supply		V/Ph/Hz		220-240/1/50	
Air flow (H/M/L)		m³/h	1184/997/783	1278/1057/855	1328/1052/927
		CFM	696/586/461	752/622/503	781/619/545
Cooling[1]	Capacity (H/M/L)	kW	4.95/4.58/3.640	5.178/4.582/3.880	5.129/4.410/4.060
	Water flow rate (H/M/L)	m³/h	0.9/0.8/0.67	0.94/0.83/0.71	0.93/0.81/0.75
	Water pressure drop(H/M/L)	kPa	14.8/11.5/8.1	15.9/12.4/9	16/14.2/10.4
	Power input (H/M/L)	W	62/44/30	72/50/35	80/49/40
Heating[2]	Capacity (H/M/L)	kW	6.148/5.432/4.610	6.519/5.792/4.940	6.684/5.750/5.280
	Water flow rate (H/M/L)	m³/h	0.58/0.52/0.45	0.61/0.55/0.47	0.62/0.54/0.50
	Water pressure drop(H/M/L)	kPa	25.3/20.5/14.5	32/25.7/19.1	32.6/24.7/21.2
	Power input (H/M/L)	W	56/39/21	67/42/25	75/41/31
Heating[3]	Capacity (H/M/L)	kW	7.136/6.22/5.27	7.56/6.53/5.60	7.75/6.58/6.03
	Water flow rate (H/M/L)	m³/h	0.64/0.58/0.50	0.68/0.61/0.53	0.71/0.61/0.57
	Water pressure drop(H/M/L)	kPa	36.7/29.7/21.0	46.4/37.3/27.7	47.27/35.82/30.74
	Power input (H/M/L)	W	55/39/21	68/43/25	76/42/31
Sound pressure level (H/M/L)		dB(A)	42/37/31	44/39/33	45/39/36
Sound power level (H/M/L)		dB(A)	54/49/43	56/51/45	57/51/48
Rated current		A	0.48	0.6	0.72
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	1.6
	Diameter	mm	Φ7	Φ7	Φ7
Panel	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	6	6
	Gross weight	kg	9	9	9
Body	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	27.5	27.5	27.5
	Gross weight	kg	33.5	33.5	33.5
Pipe connections	Water inlet/outlet pipe	inch		Cold water: RC3/4; Hot water: RC1/2	
	Drain pipe	mm	OD*Φ32	OD*Φ32	OD*Φ32

Model			MKA-V950FA	MKA-V1200FA	MKA-V1500FA
Power supply		V/Ph/Hz		220-240/1/50	
Air flow (H/M/L)		m³/h	1403/1115/1001	1642/1421/1285	1708/1297/1096
		CFM	825/656/589	966/836/756	1005/763/645
Cooling[1]	Capacity (H/M/L)	kW	5.306/4.590/4.280	7.984/7.230/6.700	8.038/6.620/5.840
	Water flow rate (H/M/L)	m³/h	0.96/0.84/0.78	1.42/1.29/1.2	1.43/1.19/1.05
	Water pressure drop(H/M/L)	kPa	16.4/12.6/10.9	33.9/30/24	33/22.6/17.7
	Power input (H/M/L)	W	90/54/43	121/83/66	139/70/49
Heating[2]	Capacity (H/M/L)	kW	6.736/5.830/5.440	9.746/8.960/8.420	9.930/8.330/7.510
	Water flow rate (H/M/L)	m³/h	0.63/0.55/0.52	0.89/0.82/0.77	0.90/0.76/0.69
	Water pressure drop(H/M/L)	kPa	34/26.6/23.5	42.4/36.6/32.6	48.7/32.5/27
	Power input (H/M/L)	W	84/46/35	118/79/61	125/64/42
Heating[3]	Capacity (H/M/L)	kW	7.82/6.65/6.20	11.31/11.40/8.53	11.52/9.60/8.68
	Water flow rate (H/M/L)	m³/h	0.71/0.62/0.58	1.01/0.92/0.87	1.02/0.87/0.79
	Water pressure drop(H/M/L)	kPa	49.3/36.6/34.8	61.5/43.1/47.3	70.6/47.1/39.2
	Power input (H/M/L)	W	84/45/35	118/79/61	125/64/42
Sound pressure level (H/M/L)		dB(A)			
Sound power level (H/M/L)		dB(A)	58/53/50	60/56/54	61/55/50
Rated current		A	0.72	1.08	1.32
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	1.6
	Diameter	mm	Φ7	Φ7	Φ7
Panel	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	6	6
	Gross weight	kg	9	9	9
Body	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	27.5	30	30
	Gross weight	kg	32.4	35	35
Pipe connections	Water inlet/outlet pipe	inch		Cold water: RC3/4; Hot water: RC1/2	
	Drain pipe	mm	OD*Φ32	OD*Φ32	OD*Φ32

Notes:
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.
4.Sound pressure level is tested in a semi-anechoic test room.
5.Sound power level is tested in a reverberation chamber test room.

Specifications

New 4-Pipe 4-Way Cassette

Model			MKA-V600F-CA	MKA-V700F-CA	MKA-V800F-CA
Power supply		V/Ph/Hz	220-240/1/50		
Air flow		m³/h	1020/930/870/800/720/820/520	1190/1080/950/880/790/680/560	1360/1250/1120/1000/900/800/660
		CFM	600/547/511/470/423/364/305	700/635/558/517/464/400/329	800/735/658/588/529/470/388
Cooling	Capacity	kW	4.70/4.40/4.00/3.70/3.40/3.00/2.65	5.00/4.70/4.40/4.15/3.90/3.55/3.00	5.50/5.20/4.90/4.60/4.20/3.80/3.40
	Water flow rate	m³/h	0.88/0.82/0.74/0.65/0.60/0.53/0.46	0.90/0.88/0.83/0.77/0.74/0.67/0.63	1.02/0.98/0.92/0.86/0.76/0.69/0.62
	Water pressure drop	kPa	30/28/26/25/22/16/14	35/32/30/27/25/20/15	40/35/30/28/22/18/17
	Power input	W	40/30/25/20/15/12/10	45/35/30/25/20/15/13	60/50/40/30/25/20/15
Heating	Capacity	kW	7.30/6.90/6.40/6.00/5.30/4.40/3.80	7.00/7.00/6.70/6.40/6.30/5.50/4.65	7.50/7.10/6.70/6.35/5.95/5.50/5.20
	Water flow rate	m³/h	0.68/0.63/0.59/0.55/0.50/0.41/0.33	0.71/0.68/0.64/0.61/0.57/0.51/0.41	0.79/0.74/0.69/0.63/0.59/0.53/0.46
	Water pressure drop	kPa	30/28/26/25/22/16/14	35/32/30/27/25/20/15	40/35/30/28/22/18/17
	Power input	W	40/30/25/20/15/12/10	45/35/30/25/20/15/13	60/50/40/30/25/20/15
Sound pressure level		dB(A)	34.2/31.5/29.0/26.3/24.1/21.8/20.6	37.4/34.5/31.6/28.4/25.6/23.2/21.0	41.2/38.6/35.7/32.2/28.9/25.6/22.8
Sound power level		dB(A)	46.8/44.1/41.4/38.4/35.4/32.4/30.3	48.7/47.1/44.2/41.2/37.9/35.0/31.8	53.5/50.9/48.0/44.9/41.6/38.0/35.1
Rated current		A	0.4/0.4/0.3/0.3/0.3/0.3/0.3	0.4/0.4/0.4/0.3/0.3/0.3/0.3	0.5/0.4/0.4/0.3/0.3/0.3/0.3
Fan motor	Type		DC motor		
	Number		1		
Fan	Type		Centrifugal, forward-curved Blades		
	Number		1		
Coil	Row		2		
	Max. Working pressure	MPa	1.6		
	Diameter	mm	7		
Panel	Net dimensions (W×H×D)	mm	950*77*950	950*77*950	950*77*950
	Packing size (W×H×D)	mm	1020*90*1020	1020*90*1020	1020*90*1020
	Net weight	kg	5.8	5.8	5.8
	Gross weight	kg	7.6	7.6	7.6
Body	Net dimensions (W×H×D)	mm	840*288*840	840*288*840	840*288*840
	Packing size (W×H×D)	mm	940*335*940	940*335*940	940*335*940
	Net weight	kg	23.9	23.9	23.9
	Gross weight	kg	26.4	26.4	26.4
Pipe connections	Water inlet/outlet pipe	mm	RC3/4-RC1/2		
	Drain pipe	mm	Φ25		

Model			MKA-V1000F-CA	MKA-V1200F-CA
Power supply		V/Ph/Hz	220-240/1/50	
Air flow		m³/h	1703/1259/807	2042/1507/966
		CFM	1000/741/475	1200/886/568
Cooling	Capacity	kW	9.01/7.16/5.12	10.03/8.15/5.98
	Water flow rate	m³/h	1.6/1.25/0.89	1.8/1.42/1.04
	Water pressure drop	kPa	38.95/24.65/13.18	47.72/30.75/17.05
	Power input	W	110/48/19	186/76/27
Heating	Capacity	kW	9.42/7.88/6.04	10.79/9.04/7.04
	Water flow rate	m³/h	0.82/0.7/0.53	0.94/0.79/0.61
	Water pressure drop	kPa	43.59/32.29/19.22	48.84/35.28/21.82
	Power input	W	109/47/18	186/74/25
Sound pressure level		dB(A)	46.9/38.8/27.5	51.3/43.6/31.8
Sound power level		dB(A)	60.1/52.2/41.2	64.4/56.7/45.8
Rated current		A	1/0.5/0.3	1.6/0.8/0.4
Fan motor	Type		DC motor	
	Number		1	
Fan	Type		Centrifugal, forward-curved Blades	
	Number		1	
Coil	Row		3	
	Max. Working pressure	MPa	1.6	
	Diameter	mm	7	
Panel	Net dimensions (W×H×D)	mm	950*77*950	950*77*950
	Packing size (W×H×D)	mm	1020*90*1020	1020*90*1020
	Net weight	kg	5.8	5.8
	Gross weight	kg	7.6	7.6
Body	Net dimensions (W×H×D)	mm	840*288*840	840*288*840
	Packing size (W×H×D)	mm	940*335*940	940*335*940
	Net weight	kg	26.2	26.2
	Gross weight	kg	28.6	28.6
Pipe connections	Water inlet/outlet pipe	mm	RC3/4-RC1/2	
	Drain pipe	mm	Φ25	

Notes:
1.Cooling mode: entering air temperature 27°C DB/19°C WB, entering/leaving water temperature 7°C /12°C.
2. Heating mode: entering air temperature 20°C DB, entering/leaving water temperature 65/55°C.
3.Sound power levels are measured 1m around the unit in a semi-anechoic chamber. During in-situ operation. Sound pressure levels are measured 1m below and right of the unit in a semi-anechoic chamber.

Compact Four-way Cassette



Model: 300/400/500 CFM



R05
Standard



KJR-29B
Optional

Features

- Standard 360° air supply panel.
- Built-in PCB and drain pump with 500mm pump head.
- Remote controller with LED display is standard, wired controller is optional.
- Safety grill for safety maintenance.
- Optional extended drainage pan enhanced ceiling protection.
- Available for 2/4 pipe system.

Compact design allows installation in shallow ceilings.

