

Features

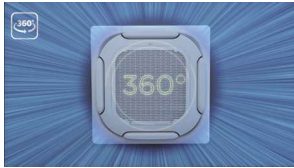
Stylish Panel with Large Airflow Outlet

Our 4-way cassettes include a standard 4-way air supply panel with optional 360° panel.



NEW 360° panel

Innovative round air-flow path design ensures uniform air flow and temperature distribution.



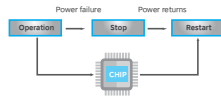
Individual louver control

All four louvers can be independently controlled, letting you create a highly-customized airflow pattern to accommodate unique room conditions.



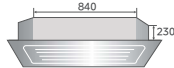
Auto restart

In the event of a power failure during operation, the unit restarts automatically and reverts to the previous settings (operating mode, temperature setting and fan speed).



Compact, low-profile design

A low profile height of just 230mm (models 600/750) and 300mm (models 850/1500) easily accommodates installation in standard ceiling cavities.



High-lift Drain Pump

A drain pump with a 750mm 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, and can also be connected to Modbus gateway through the customized PQE port with Modbus RTU protocol.



Specifications

2-Pipe 4-Way Cassette

Model	MKA-600RA		MKA-750RA		MKA-850RA	
Power supply	V/Hz/Hz		220-240/1/50			
Air flow (H/M/L)	m³/h		1017/807/639		1241/877/810	
	CFM		588/475/376		730/575/477	
	kW		5.26/4.44/3.68		5.58/4.87/4.09	
Cooling	Capacity (H/M/L)		0.95/0.8/0.66		1/0.88/0.74	
	Water flow rate (H/M/L)		kPa		29.90/17.86/12.99	
	Water pressure drop (H/M/L)		kPa		30.00/20.11/14.96	
Heating	Capacity (H/M/L)		6.07/5.16/4.38		6.67/5.95/5.03	
	Water flow rate (H/M/L)		m³/h		1.10/0.94/0.8	
	Water pressure drop (H/M/L)		kPa		28.44/21.43/19.90	
Power input (H/M/L)	W		130/95/68		140/121/108	
Electric heater (AEH)	W		2100		2850	
Sound pressure level (H/M/L)	dB(A)		45/41/36		46/42/37	
Sound Power level (H/M/L)	dB(A)		56/51/45		58/54/48	
Fan motor	Type	Low noise 3-speed fan motor				
Fan	Quantity	1		1		
	Type	Centrifugal, forward-curved blades				
Coil	Quantity	1		1		
	Row	2		2		
	Max. working pressure	MPa		1.6		
Panel	Diameter	mm		ø7		
	Net dimensions (W×H×D)	mm		950×45×950		
	Packing size (W×H×D)	mm		1035×90×1035		
	Net weight	kg		6		
	Gross weight	kg		9		
	Net dimensions (W×H×D)	mm		840×230×840		
Body	Packing size (W×H×D)	mm		900×260×900		
	Net weight (non-AEH/with-AEH)	kg		25/27		
	Gross weight (non-AEH/with-AEH)	kg		28/32		
Pipe connections	Water inlet/outlet pipe	inch		RC 3/4		
	Drain pipe	mm		OD ø32		

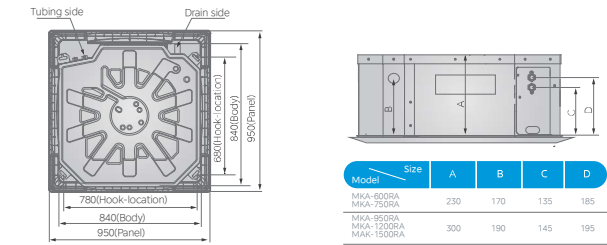
Model		MKA-950RA	MKA-1200RA	MKA-1500RA	
Power supply	V/Ph/Hz		220-240/1/50		
Air flow (H/M/L)	m³/h	1562/1183/1013	1606/1276/1059	1690/1324/1091	
	CFM	919/696/596	945/751/623	994/779/642	
Cooling	Capacity (H/M/L)	kW	6.08/6.21/5.78	7.07/6.38/6.02	9.68/8.71/7.05
	Water flow rate (H/M/L)	m³/h	1.1/1.12/1.04	1.27/1.15/1.08	1.74/1.62/1.27
	Water pressure drop (H/M/L)	kPa	27.14/21.08/18.05	38.00/35.00/33.00	47.00/20.75/20.00
Heating	Capacity (H/M/L)	kW	7.92/7.35/6.63	8.02/7.55/6.76	10.96/8.97/8.44
	Water flow rate (H/M/L)	m³/h	1.44/1.34/1.21	1.46/1.37/1.23	1.98/1.82/1.42
	Water pressure drop (H/M/L)	kPa	31.65/26.19/22.08	47.00/43.00/40.00	50.00/35.00/25.00
Power input (H/M/L)	W	190/160/130	183/159/146	218/193/150	
Electric heater (AEH)	W	2850	2850		
Sound pressure level (H/M/L)	dB(A)	48/44/39	49/45/40	50/46/41	
Sound Power level (H/M/L)	dB(A)	65/63/57	72/64/60	65/58/54	
Fan motor	Type	Low noise 3-speed fan motor			
	Quantity	1	1	1	
Fan	Type	Centrifugal, forward-curved blades			
	Quantity	1	1	1	
	Row	2	2	3	
Coil	Max. working pressure	MPa	1.6	1.6	
	Diameter	mm	ø7	ø7	
	Net dimensions (W×H×D)	mm	950×45×950	950×45×950	
Panel	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 (non-AEH/with-AEH)	kg	30.5/33	28.8/33	
Pipe connections	Cross weight (non-AEH/with-AEH)	kg	36.2/39	34.3/36	
	Water inlet/outlet pipe	inch	RC 3/4	RC 3/4	
	Drain pipe	mm	OD ø32	OD ø32	

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.
5. Electric heater is optional.

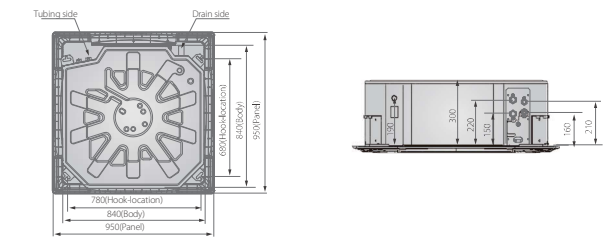
Dimensions

4-way cassette

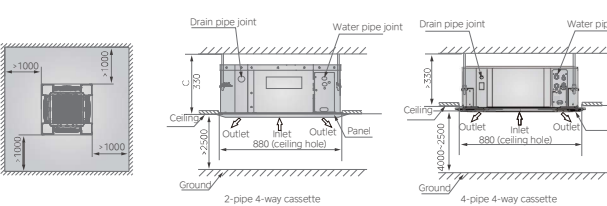
2-pipe 4-way cassette
Dimensions (unit:mm)



4-Pipe 4-way cassette
Dimensions (unit:mm)

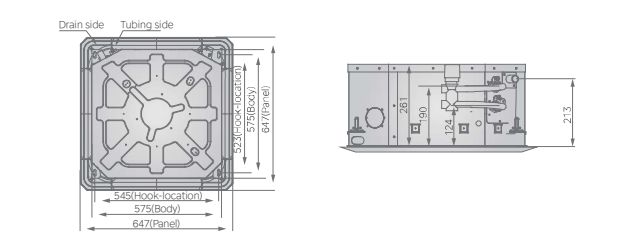


Service Spaces (unit:mm)

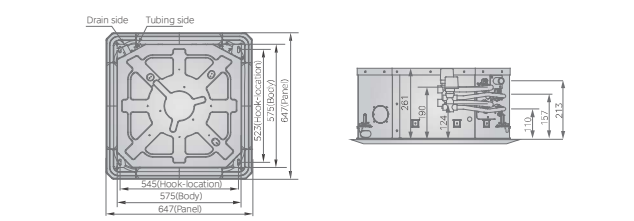


Compact 4-way cassette

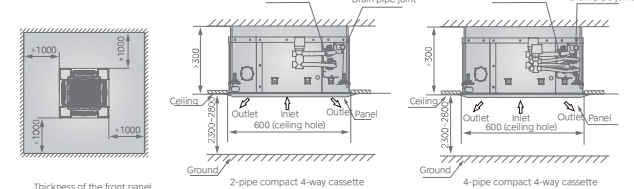
2-pipe compact 4-way cassette
Dimensions (unit: mm)



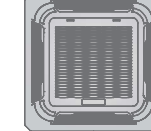
4-pipe compact 4-way cassette
Dimensions (unit: mm)



Service Space (unit: mm)



Thickness of the front panel



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