

2-pipe 4-way Cassette - A series



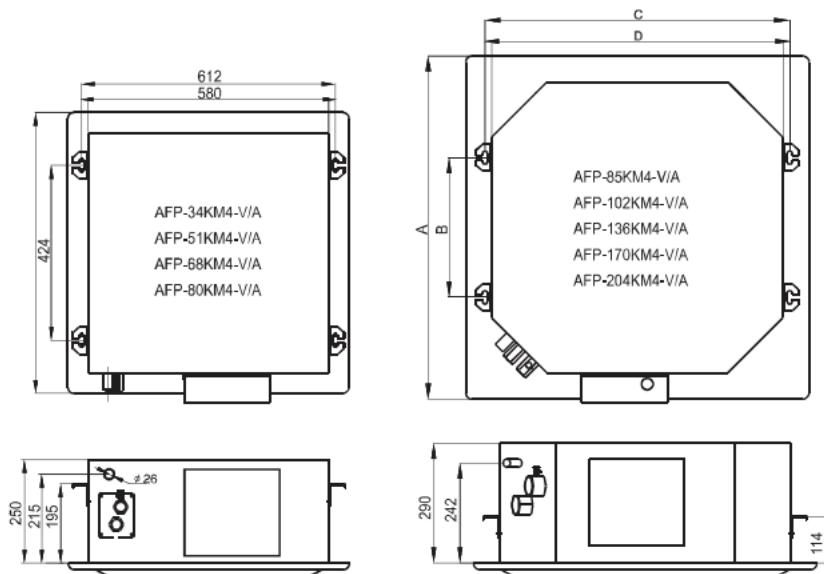
Control System:



1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control; with room sensor & coil sensor;
4. daily timer or weekly timer
5. auto-diagnose, protections and error code display; jumpers configurations on electronic board
6. RS485 ModBus, master-slave network control is optional

Dimensions:

Unit: mm



Dim.	AFP-85KM4-V/A AFP-102KM4-V/A AFP-136KM4-V/A	AFP-170KM4-V/A AFP-204KM4-V/A
A	830	980
B	338	416
C	737	864
D	705	832

Design Features

Suitable for hot/chilled water system, ceiling installation;

Unit Body

Made of Galvanized steel, with pre-formed expanded polystyrene air passages suitable shaped to allow passage of air, thickness enough for thermal and acoustical insulation.

Panel Assembly

Aesthetic panel design, in ABS material with synthetic washable and removal air filter, auto-swing.

Plastic Wheel-Quite running

One-time injection forming, no welding between the fan blades and inlet cone/end plate, it makes the wheel good balancing; an anti-vibration rubber is installed on the hub to ensure less vibration, low noise on the wheels and motors. Each wheel will be balanced under G0.5mm/s.

Fresh air intake

Fresh air intake is optional

High Efficiency Coil

Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 30bar(3Mpa) air pressure. with 3/4" pipe connections and air bleed vent.

Condensate Drain Pan

In thermoforming high density expanded polystyrene, covered with a vacuum forming polyvinyl chloride, fitted with a condensates draining pump and a safety float.

Drain pump and Float Switch

700mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking. If the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

Performance Date:

Air Flow: 200 ~ 1200cfm

Cooling Capacity: 2.0KW~10.8KW

Model: FP-*KM4-V/A			AFP-34KM4-V/A	AFP-51KM4-V/A	AFP-68KM4-V/A	AFP-80KM4-V/A	AFP-95KM4-V/A	AFP-102KM4-V/A	AFP-136KM4-V/A	AFP-170KM4-V/A	AFP-204KM4-V/A	
CFM			200	300	400	450	500	600	800	1000	1200	
Air Flow Rate	H	m³/h	340	510	680	800	850	1020	1360	1700	2040	
	M	m³/h	280	390	520	580	640	790	1030	1290	1500	
	L	m³/h	180	260	350	390	430	520	690	860	1030	
Cooling	Total Capacity	H	KW	2.0	2.7	3.7	4.2	4.5	5.6	7.0	9.1	10.8
		M	KW	1.8	2.3	3.1	3.8	4.2	4.3	5.7	7.9	8.6
		L	KW	1.6	1.8	2.6	2.8	3.0	3.6	4.5	6.0	6.8
	Sensible Capacity	H	KW	1.5	1.9	2.6	2.9	3.5	3.9	5.0	6.4	7.7
		M	KW	1.3	1.7	2.0	2.6	3.2	3.3	4.3	5.9	6.5
		L	KW	1.2	1.4	1.8	1.9	2.8	2.9	3.6	4.8	5.4
Water flow rate		l/h	345	470	640	720	780	970	1260	1710	1920	
Water pressure drop		kPa	7	9	11	14	16	18	19	17	19	
Heat	Heating Capacity	H	KW	2.8	4.2	5.6	6.3	7.0	8.4	11.2	13.9	16.7
		M	KW	2.5	3.4	4.5	5.5	6.3	6.5	8.5	12.0	12.6
		L	KW	2.0	2.7	4.0	4.5	5.0	5.2	6.7	9.0	10.2
Power supply			220~240V/1PH/50Hz(or 60HZ)									
Power Input		W	39	52	62	68	76	96	132	152	189	
Sound pressure		dB(A)	37	39	41	42	43	45	46	47	50	
Fan	Type		Centrifugal Fan									
	Model		Ø315	Ø315	Ø315	Ø315	Ø380	Ø380	Ø380	Ø476	Ø476	
	Quantity	Nr.	1	1	1	1	1	1	1	1	1	
Motor	Type		3-speed Motor									
	Quantity	Nr.	1	1	1	1	1	1	1	1	1	
Coil	Coil Rows	Nr.	2									
	Max. working pressure	MPa	1.6									
	Tuber Diameter	inch	3/8"									
Dimensions	Unit body	mm	580X580X250				705x705x290			832x832x290		
	Panel assembly	mm	680X680X30				830x830x30			980x980x30		
Connection	Water inlet/outlet pipe	inch	ZG3/4" / ZG3/4"									
	Condensate discharge	inch	26									
Weight(with feet, with casing)		kg	20	20	20	20	25	25	25	34	34	

- Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
- Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling