



Features

- High capacity of cooling and heating performance, high efficiency and energy-saving.
- There are separated cold water coils and hot water coils in the fan coil unit. Chiller and heat source equipment can supply cold or hot water to terminal units simultaneously. The control valve at the inlet of fan coil unit helps to switch the supply of cold water / hot water automatically by remote controller.
- 360 °air supply panel is optional for the MKA units, standard for the MKD units.
- For the 4-way cassette unit with electric control box, R05/BGE (remote controller) is standard, KJR-10B/DP(T)-E (wired controller) is optional.
- For the 4-way compact cassette unit with electric control box, R51/E (remote controller) is standard, KJR-10B/DP(T)-E (wired controller) is optional.
- For the no electric control box unit, no standard controller, KJR-18B/E-D is optional.

Specifications

MKA

Model		MKA-600F	MKA-750F	MKA-850F	MKA-950F	MKA-1200F	MKA-1500F	
Nominal air volume	Hi speed	CFM	676	859	871	1012	1094	1235
		m ³ /h	1150	1460	1480	1720	1860	2100
	Med speed	CFM	496	568	633	724	750	750
		m ³ /h	844	967	1077	1231	1275	1275
Low Speed	CFM	401	455	536	614	644	644	
	m ³ /h	683	774	912	1044	1095	1095	
Cooling Capacity	Hi speed	kW	5.10	5.93	6.17	6.70	9.28	10.58
	Med speed	kW	4.08	4.41	5.13	5.48	7.45	7.45
	Low Speed	kW	3.76	3.94	4.59	4.85	6.50	6.50
HeatingCapacity	Hi speed	kW	6.67	7.87	8.06	8.67	11.65	12.62
	Med speed	kW	5.87	6.85	6.93	7.63	10.49	11.36
	Low Speed	kW	5.07	5.90	6.05	6.59	8.85	9.47
Water flow volume	Cooling	m ³ /h	0.92	0.98	1.05	1.12	1.55	1.67
	Heating	m ³ /h	0.55	0.68	0.67	0.71	1.02	1.06
Water pressure drop	Cooling	kPa	15	17	20	22	32	38
	Heating	kPa	37	41	39	42	57	61
Rows	Qty	2	2	2	2	3	3	
Tube pitch × row pitch	mm	21×13.37	21×13.37	21×13.37	21×13.37	21×13.37	21×13.37	
Tube diameter	mm	Φ7	Φ7	Φ7	Φ7	Φ7	Φ7	
Fin spacing	mm	1.5	1.5	1.5	1.5	1.5	1.5	
Coil dimension (L×H)	mm	1990×252	1990×252	1990×252	1990×252	2080×252	2080×252	
Fan motor quantity	Qty	1	1	1	1	1	1	
Fan motor input	W	170	188	198	205	197	234	
Noise level (Hi & Med)	dB(A)	42(32)	43(34)	44(36)	45(36)	46(38)	47(40)	
Inlet/Outlet pipe (internal thread)	Cooling	Inch	3/4	3/4	3/4	3/4	3/4	
	Heating	Inch	1/2	1/2	1/2	1/2	1/2	
Drain pipe (external thread)	Inch	5/4	5/4	5/4	5/4	5/4	5/4	
Weight	Net/gross (unit)	kg	35(42)	35(42)	35(42)	35(42)	38(45)	38(45)
	Net/gross (panel)	kg	6(9)	6(9)	6(9)	6(9)	6(9)	6(9)
Dimension (W×H×D)	Net (unit)	mm	840×300×840	840×300×840	840×300×840	840×300×840	840×300×840	840×300×840
	Net (panel)	mm	950×55×950	950×55×950	950×55×950	950×55×950	950×55×950	950×55×950
	Packing	mm	955×317×955	955×317×955	955×317×955	955×317×955	955×317×955	955×317×955
	Packing (panel)	mm	1035×90×1035	1035×90×1035	1035×90×1035	1035×90×1035	1035×90×1035	1035×90×1035

MKD

Model		MKD-300S	MKD-400S	MKD-500S	
Nominal air volume	Hi speed	CFM	300	400	500
		m ³ /h	510	680	850
	Med speed	CFM	288	310	330
		m ³ /h	490	540	570
Low Speed	CFM	224	260	270	
	m ³ /h	380	440	470	
Cooling Capacity	Hi speed	kW	2.50	2.90	3.50
	Med speed	kW	2.20	2.55	2.87
	Low Speed	kW	1.76	2.04	2.15
HeatingCapacity	Hi speed	kW	3.70	4.60	5.10
	Med speed	kW	3.29	3.82	4.03
	Low Speed	kW	2.92	3.40	3.52
Water flow volume	Cooling	m ³ /h	0.43	0.5	0.6
	Heating	m ³ /h	0.52	0.72	0.98
Water pressure drop	Cooling	kPa	22	16	24
	Heating	kPa	17	23	27
Rows	Qty	2	2	2	
Tube pitch × row pitch	mm	21×13.37	21×13.37	21×13.37	
Tube diameter	mm	Φ7	Φ7	Φ7	
Fin spacing	mm	1.3	1.3	1.3	
Coil dimension (L×H)	mm	1315×210	1315×210	1315×210	
Fan motor quantity	Qty	1	1	1	
Fan motor input	W	50	70	95	
Noise level (Hi & Med)	dB(A)	36(33)	42(39)	45(42)	
Inlet/Outlet pipe (internal thread)	Cooling	Inch	3/4	3/4	3/4
	Heating	Inch	1/2	1/2	1/2
Drain pipe (external thread)	Inch	1	1	1	
Weight	Net/gross (unit)	kg	17.5(22.5)	17.5(22.5)	17.5(22.5)
	Net/gross (panel)	kg	3(5)	3(6)	3(7)
Dimension (W×H×D)	Net (unit)	mm	575×260×575	575×260×575	575×260×575
	Net (panel)	mm	647×50×647	647×50×647	647×50×647
	Packing	mm	705×340×705	705×340×705	705×340×705
	Packing (panel)	mm	715×123×715	715×123×715	715×123×715

Remark:

1. Cooling capacity test condition: air inlet Temp. 27DB°C/19WB°C, water inlet Temp. 7°C, water Temp. difference 5°C.
2. Heating capacity test condition: air inlet Temp. 20°C, water inlet Temp. 70°C, water outlet Temp. 60°C.
3. Noise level is tested in full-anechoic room.