

5. Specifications

Model MKA-			600R(A)	750R(A)	850R(A)
Air Volume	High	m ³ /h	1000	1250	1400
		CFM	590	740	820
	Med	m ³ /h	850	1060	1190
		CFM	500	620	700
	Low	m ³ /h	720	900	1010
		CFM	420	530	590
Cooling Capacity (Hi/Med/Lo)		kW	5.7/4.73/3.96	7.0/5.62/4.72	7.27/6.46/5.71
Heating Capacity (Hi/Med/Lo)		kW	9.66/7.72/6.27	11.55/9.24/7.51	12.42/9.93/8.07
Electrical Auxiliary Heater (EAH)		W	2100	2100	2850
Power Input		W	125	130	150
Current Input		A	0.57	0.59	0.68
Noise (Hi/Med/Lo)		dB(A)	45/41/36	46/42/37	47/43/38
Water Flow		L/min	16.4	20	20.8
Water Pressure Drop		kPa	23.8	25.2	27
Fan Motor	Type	\	Low noise 4-speed fan motor		
	Model	\	YDK80-6E	YDK80-6E	YDK90-6E
	Brand	\	Welling	Welling	Welling/Dayang
	Capacitor	μF	3.5		
	Quantity	\	1		
Fan	Type	\	Centrifugal, forward-curved Blades		
	Quantity	\	1		
Coil	Diameter	mm	Φ7		
	Row	\	2	2	2
	Tube pitch(a) x row pitch(b)	mm	21×13.37		
	Fin spacing	mm	1.5		
	Fin type	\	Hydrophilic aluminum		
	Coil length x height x width	mm	1960×168×26.74	1960×168×26.74	1960×252×26.74
	Max. Working Pressure	MPa	1.6		
	Circuit	\	8	8	12
Panel	Net Dimension (W×H×D)	mm	950×45×950		
	Net Weight	kg	6		
	Packing Size (W×H×D)	mm	1035×90×1035		
	Gross Weight	kg	9		
Indoor Unit	Net Dimension (W×H×D)	mm	840×230×840	840×230×840	840×300×840
	Net Weight (without/with EAH)	kg	25/27	25/27	30.5/33
	Packing Size (W×H×D)	mm	900×237×900	900×237×900	900×307×900
	Gross Weight (without/with EAH)	kg	30/32	30/32	36.2/39
Pipe Connection	Water-inlet/outlet pipe	inch	RC3/4"		
	Drain pipe	mm	ODΦ32		

Specifications

Model MKA-			950R(A)	1200R(A)	1500R
Air Volume	High	m ³ /h	1600	2000	2550
		CFM	940	1180	1500
	Med	m ³ /h	1360	1700	2170
		CFM	800	1000	1280
	Low	m ³ /h	1150	1440	1840
		CFM	680	850	1080
Cooling Capacity (Hi/Med/Lo)		kW	8.22/7.39/6.54	10.39/9.25/8.2	12.9/11.51/10.21
Heating Capacity (Hi/Med/Lo)		kW	13.85/11.08/9	17.58/14.06/11.42	17.6/14.08/11.44
Electrical Auxiliary Heater (EAH)		W	2850	2850	/
Power Input		W	155	190	190
Current Input		A	0.7	0.86	0.86
Noise (Hi/Med/Lo)		dB(A)	48/44/39	49/45/40	50/46/41
Water Flow		L/min	23.6	29.8	36.9
Water Pressure Drop		kPa	31.2	44	40
Fan Motor	Type	\	Low noise 4-speed fan motor		
	Model	\	YDK90-6E	YDK90-6E	YDK90-6E-1
	Brand	\	Welling/Dayang	Welling/Dayang	Welling/Dayang
	Capacitor	μF	3.5		
	Quantity	\	1		
Fan	Type	\	Centrifugal, forward-curved Blades		
	Quantity	\	1		
Coil	Diameter	mm	Φ7		
	Row	\	2	2	3
	Tube pitch(a) x row pitch(b)	mm	21×13.37		
	Fin spacing	mm	1.5		
	Fin type	\	Hydrophilic aluminum		
	Coil length x height x width	mm	1960×252×26.74	1960×252×26.74	2080x252x40.11
	Max. Working Pressure	MPa	1.6		
	Circuit	\	12	12	12
Panel	Net Dimension (W×H×D)	mm	950×45×950		
	Net Weight	kg	6		
	Packing Size (W×H×D)	mm	1035×90×1035		
	Gross Weight	kg	9		
Indoor Unit	Net Dimension (W×H×D)	mm	840×300×840		
	Net Weight (without/with EAH)	kg	30.5/33	30.5/33	35
	Packing Size (W×H×D)	mm	900×307×900		
	Gross Weight (without/with EAH)	kg	36.2/39	36.2/39	41
Pipe Connection	Water-inlet pipe	inch	RC3/4"		
	Water-outlet pipe	inch	RC3/4"		
	Drain pipe	mm	ODΦ32		

Specifications

Model MKD-			300	400	500
Air Volume	High	m ³ /h	510	680	850
		CFM	300	400	500
	Med	m ³ /h	440	580	730
		CFM	260	340	430
	Low	m ³ /h	360	480	600
		CFM	210	280	350
Cooling Capacity (Hi/Med/Lo)		kW	3/2.58/2.16	3.7/3.18/2.66	4.5/3.6/3.06
Heating Capacity (Hi/Med/Lo)		kW	4/3.5/3.08	5.1/4.3/3.83	6/4.76/4.07
Power Input		W	50	70	95
Current Input		A	0.23	0.32	0.43
Noise (Hi/Med/Lo)		dB(A)	36/33/28	42/39/32	45/42/34
Water Flow		L/min	8.7	10.7	12.9
Water Pressure Drop		kPa	14	15	16
Fan Motor	Type	\	Low noise 4-speed fan motor		
	Model	\	YDK15-6P	YDK37-4P	YDK37-4P
	Brand	\	Welling		
	Capacitor	\	1.5	2	2.5
	Quantity	\	1		
Fan	Type	\	Centrifugal, forward-curved Blades		
	Quantity	\	1		
Coil	Diameter	mm	Φ7		
	Row	\	2		
	Tube pitch(a) x row pitch(b)	\	21×13.37		
	Fin spacing	\	1.3		
	Fin type	\	Hydrophilic aluminum		
	Length x Height x Width	\	1315×210×26.74	1315×210×26.74	1315×210×26.74
	Max. Working Pressure	MPa	1.6		
	Circuit	\	5	6	7
Panel	Net Dimension (W×H×D)	mm	647×50×647		
	Net Weight	kg	3		
	Packing Size (W×H×D)	mm	715×123×715		
	Gross Weight	kg	5		
Indoor Unit	Net Dimension (W×H×D)	mm	575×261×575		
	Net Weight	kg	16.5		
	Packing Size (W×H×D)	mm	655×290×655		
	Gross Weight	kg	20		
Pipe Connection	Water-inlet pipe	inch	RC3/4"		
	Water-outlet pipe	inch	RC3/4"		
	Drain pipe	mm	ODΦ25		

Note: 1. The data is the performance in high speed with relevant static pressure.

2. Cooling Conditions: Entering Water 7°C, Temperature Rise 5°C, Entering Air Temperature 27°C DB, 19°C WB.

Heating Conditions: Entering Water 50°C, Enter Air Temperature 20°C, water flow is same to the cooling conditions.

3. Noise is tested in full-anechoic test room.