

Air To Water Heat Pump



Model			KAWM08-Nd2(GN)	KAWM10-Nd2(GN)	KAWM12-Nd2(GN)	KAWM14-Nd2(GN)	KAWM16-Nd2(GN)
Intended use of the units			Low and medium temperature application				
Power supply		V / Ph / Hz	220-240/1/50				
Heating (AT7/6, WT30/35)	Capacity	kW	8.00	10.00	12.00	14.00	16.00
	Rated power input	kW	1.62	2.08	2.45	2.74	3.25
	COP	kW/kW	4.95	4.80	4.90	5.11	4.92
Heating (AT7/6, WT47/55)	Capacity	kW	8.00	10.00	12.00	14.00	16.00
	Rated power input	kW	2.42	3.03	3.43	4.24	5.00
	COP	kW/kW	3.30	3.30	3.30	3.30	3.20
Cooling (AT35, WT23/18)	Capacity	kW	8.00	10.00	11.40	14.00	16.00
	Rated power input	kW	1.63	2.15	2.78	2.74	3.33
	COP	kW/kW	4.90	4.65	4.10	5.11	4.80
Cooling (AT35, WT12/7)	Capacity	kW	8.00	10.00	11.40	14.00	16.00
	Rated power input	kW	2.50	3.33	4.07	4.52	5.51
	COP	kW/kW	3.20	3.00	2.80	3.10	2.90
SCOP	Average climate	35°C	4.90	4.90	4.90	5.20	4.90
	Average climate	55°C	3.85	3.85	3.85	3.90	3.90
Season space heating energy efficiency class	Average climate	35°C	A+++	A+++	A+++	A+++	A+++
	Average climate	55°C	A+++	A+++	A+++	A+++	A+++
SEER	Fan coil application	7°C	4.50	4.50	4.50	5.10	5.10
	Cooling floor application	18°C	6.30	6.50	6.20	7.00	7.00
Refrigerant	Type	-	R290	R290	R290	R290	R290
	Charge	kg	1.30	1.30	1.35	1.95	1.95
E-Heater backup		kW	3.00	3.00	3.00	6.00	6.00
Sound pressure(1m)		dB	66.00	66.00	68.00	68.00	68.00
	Rated water flow	m /h	1.38	1.72	2.06	2.41	2.75
Water pump	Total water head	m	12.50	12.30	12.00	11.50	11.10
	Available water head	m	9.00	8.80	8.50	8.00	7.60
	Maximum working pressure of refrigerant	MPa			0.85/3.2		
Water side safety valve		MPa	0.60	0.60	0.60	0.60	0.60
Max power/current		KW/A	7.2/32.73	8.2/37.27	8.7/39.55	0.22	0.22
Water side connection		in	1.00	1.00	1.00	1.00	1.00
Net dimension	W*D*H	mm	1312*530*990	1312*530*990	1312*530*990	1312*530*1370	1312*530*1370
Package dimension	W*D*H	mm	1362*567*1167	1362*567*1167	1362*567*1167	1362*567*1560	1362*567*1560
Net Weight			147.00	147.00	154.00	183.00	183.00
Gross Weight			170.00	170.00	177.00	210.00	210.00
Load qty. 40HQ(pcs)			65.00	65.00	65.00	33.00	33.00
Ambient temperature range	Cooling	°C			10-48		
	Heating	°C			-30-35		
	DHW	°C			-30-43		
Leaving water temperature range	Cooling	°C			5-25		
	Heating	°C			24-75		
	DHW	°C			30-60		
Certificate			CE-EMC/CE-LVD/KeyMark/NF/ROHS/POPS				

