



Product Quotation Sheet

AQUA SERIES Commercial Water Chiller Air To Water Heat Pump T3 Compressor						
Model		MGKN-030IC	MGKN-030IIC	MGKN-050IIC	MGKN-060IIC	MGKN-070IIC
Cooling capacity (A35/W7)	kw	7.7	8.2	14.0	17.2	19.2
Input power	kw	2.66	2.83	4.83	5.56	6.58
Current	A	12.3	5.4	9.2	10.6	12.5
EER		2.92	2.90	2.90	2.92	2.92
Voltage	V/Hz	220V-240/50/1	380~415/50/3	380~415/50/3		
Rated/Max water temp		7~12 °C for cooling.				
Water flow	m3/H	2.3	2.5	4.1	4.7	5.6
Water pressure drop	kPa	≤40	≤40	≤50	≤65	≤65
Refrigeration		R410A				
Compressor(Copeland Scroll)		ZW34KAE*1	ZW34KAE*1	ZW61KAE*1	ZW72KAE*1	ZW79KAE*1
Condenser (Tank HE)		118HD-040*1	118HD-040*1	155HD-065*1	155HD-075*1	155HD-075*1
Evaporator		Blue Finned heat exchanger				
2-way valve		SanHua Brand 2-way valve				
Throttle unit		Danfoss electronic expansion valve				
Controller		LCD wire controller				
Ambient Temperature		45°C				
Warranty		24 Months				
Water pipe size		DN25	DN25	DN25	DN25	DN25
Noise		≤52	≤52	≤55	≤56	≤58
Dimension	mm	830*490*1160	1095*420*1420	1095*420*1420	1095*420*1420	1237*480*1410
Weight (N./W.)	kg	95/100	95/100	145/155	150/160	155/165

Remarks: Cooling conditions: Air temperature (DB/WB): 35°C/24°C, water temperature (inlet/outlet):12°C/7°C.

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