

AQUA SERIES Air to Water Heat Pump Commercial Pool Heater Chiller												
Model		MGKN-030IC	MGKN-045IC	MGKN-050IIC	MGKN-060IIC	MGKN-070IIC	MG-100KFXLN	MG-120KFXLN	MG-150KFXLN	MG-200KFXLN	MG-250KFXLN	
Heating Condition :Ambient27°C Water:26°C												
Heating Capacity	kW	15.3	20.2	25.0	30.0	35.1	50.2	60.1	90.2	100.3	126.0	
COP	W/W	5.91	5.91	5.93	5.92	5.9	5.9	5.9	5.9	5.9	5.9	
Input Power	kW	2.58	3.42	4.23	5.11	6.03	8.53	10.26	15.38	18.04	21.16	
InputCurrent	A	4.9	6.5	8.0	9.7	12.9	16.2	19.4	29.2	32.4	40.24	
Heating Condition :Ambient24°C Water:26°C												
Heating Capacity	kW	13.1	17.0	21.4	25.2	30.2	45.0	55.0	75.0	85.0	106.3	
COP	W/W	5.3	5.4	5.4	5.5	5.5	5.4	5.2	5.5	5.3	5.2	
Input Power	kW	2.36	3.09	3.86	4.55	6.26	8.18	10.20	13.66	15.48	19.36	
InputCurrent	A	4.5	5.9	7.3	8.6	12.1	15.5	19.0	25.9	29.4	36.69	
Heating Condition :Ambient15°C Water:26°C												
Heating Capacity	kW	10.5	14.2	17.3	21.2	28.1	35.0	42.0	63.0	70.0	87.5	
COP	W/W	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	
Input Power	kW	2.25	3.06	3.70	4.56	6.06	7.61	9.13	13.70	15.22	19.02	
InputCurrent	A	4.5	5.7	7.4	8.8	11.9	14.5	17.3	26.0	28.9	36.13	
Cooling Condition:Ambient46 °C Water:30°C												
Cooling Capacity	kW	9.2	12.1	15.3	18.2	24.1	29.1	36.3	54.1	60.1	75.1	
EER	W/W	3.2	3.1	3.1	3.3	3.1	3.2	3.1	3.1	3.3	3.1	
Input Power	kW	2.83	4.57	4.83	5.56	6.58	9.17	10.73	13.06	18.04	23.21	
InputCurrent	A	5.7	7.6	9.5	11.4	15.2	19.0	22.8	34.2	38.0	47.5	
Power Supply	/PH/H	220V/1/50 or 380/3/50				380/3/50			380/3/50	380/3/50	380/3/50	380/3/50
Water Out let/In let	inch	1-1/2"	1-1/2"	1-1/2"	1-1/2"	2"	2"	2"	3"	3"	3"	
Water Flow Volume	m ³ /h	3.73	4.87	6.09	7.17	10.03	12.90	15.76	21.50	24.36	30.45	
Refrigerant Type	R410a											
Compressor	Panasonic T3 compressor											
Ambient temperature	(-10°C -- 55°C)											
Water pipe size		DN25	DN25	DN25	DN25	DN25	DN40	DN40	DN40	DN50	DN65	
Noise		≤52	≤52	≤55	≤55	≤56	≤66	≤66	≤68	≤70	≤72	
Dimension(mm)		710*710*925	810*810*1055	810*810*1055	1237*480*1410	1237*480*1410	1450*740*1150	1507*857*1611	1507*857*1611	1850*1000*1950	2000*1100*2080	
Weight (N./W.) KG		95/100	145/155	145/155	150/160	155/165	280/300	320/340	372/395	560/588	582/615	

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