



HEAT PUMPS

COMMERCIAL SWIMMING POOL HEAT PUMP



CLEAN ENERGY THERMAL UTILIZATION EXPERT



WM-022507



OMK22507



SAA-14239-EA

Commercial Swimming Pool Heat Pump



Environmental Friendly

Adopting R410a refrigerant of lower GWP, which is very environmental-friendly compared with coal.



Corrosion-resistant

Adopting Titanium heat exchanger which is of high corrosion resistance, and significantly prolong durability of machine.



Full Automatically Operation

Low operating cost and maintenance cost, automatic operation can realize unmanned management operation.



Heating & Cooling

Functioning as heating and cooling the swimming pool water, provide comfortable temperature as your need at any moment.



Commercial Pool Heat Pump



Model No.	CPHP-025M	CPHP-050M	CPHP-075M	CPHP-120M	CPHP-220M
Power Supply	380V/3/50Hz	380V/3/50Hz	380V/3/50Hz	380V/3/50Hz	380V/3/50Hz
Heating Capacity (kW) ^①	25	50	75	120	220
Power Input (kW) ^①	4.2	8.4	12.8	20.1	37.6
COP ^①	5.91	5.95	5.86	5.98	5.85
Heating Capacity (kW) ^②	20	42	65	100	185
Power Input (kW) ^②	4.1	8.6	13.5	20.4	38.6
COP ^②	4.86	4.88	4.81	4.89	4.79
Cooling Capacity (kW) ^③	18	36	56	85	160
Power Input (kW) ^③	5.3	10.5	16.6	24.6	47.6
EER ^③	3.39	3.42	3.38	3.45	3.36
Max Power Input (kW)	6.9	13.2	20.1	29.1	67.2
Max Current(A)	12.3	23.5	35.9	52.2	121.1
Refrigerant	R410a	R410a	R410a	R410a	R410a
Compressor Type	Scroll	Scroll	Scroll	Scroll	Scroll
Heat Exchanger	Titanium	Titanium	Titanium	Titanium	Titanium
Expansion Valve	Electronic	Electronic	Electronic	Electronic	Electronic
Air Flow Direction	Vertical	Vertical	Vertical	Vertical	Vertical
Water Flow Volume (m ³ /h)	10	20	30	50	85
Net Dimensions(L*W*H) (mm)	765X691X1055	1416X752X1055	1590X850X1500	2150X1078X2258	2150X1078X2258
Working temperature range (°C)	-15~43	-15~43	-15~43	-15~43	-15~43
Noise (dB)	≤60	≤65	≤68	≤70	≤75
Net Weight (kg)	120	250	460	760	1200
Water connection(mm)	50	63	63	75	110

① Heating Capacity at Air 27 °C/24 °C, Water 27 °C in, 29 °C out

② Heating Capacity at Air 15 °C/12 °C, Water 26 °C in, 28 °C out

③ Cooling Capacity at Air 35 °C/24 °C, Water 29 °C in, 27 °C out



THERMIC

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