

# SWIMMING POOL HEAT PUMP



- ✔ European standards (CE)
- ✔ Produce and manage according to ISO 14100:2015
- ✔ Absolute safe operation
- ✔ Easy installation and use
- ✔ Hot water is available 24/7
- ✔ Smart control panel
- ✔ Powder coated/stainless steel



MODEL	HSP-14	HSP-24	HSP-45	HSP-70	HSP-90	HSP-120	HSP-150	HSP-200	
Heat capacity	kW	14	24	45	70	90	120	150	200
COP	/	5.62	5.7	5.57	5.7	5.71	5.72	5.7	5.8
Power	/	220V/1N 50Hz		380V/3P/50Hz					
Heating input power	kW	2.5	4.2	8.1	12.3	15.8	21.0	26.3	34.5
Heating input current	A	11	7.2	14.7	21.5	28.6	35.8	45.4	58.5
Compressor type	/	Scroll*1	Scroll*1	Scroll*2	Scroll*2	Scroll*2	Scroll*2	Scroll*2	Scroll*2
Compressor brand	/	Panasonic/Copeland USA							
Throttle type	/	Electronic expansion valve (EEV)/ Emerson thermal expansion valve							
Fan type	/	Low noise high efficiency axial type							
Fan direction	/	Horizontal				Vertical			
Fan No.	/	1	1	2	2	2	2	2	2
Fan input power	W	90	250	250	550	750	750	900	1500
Fan speed	RPM	750	850	850	910	940	940	940	940
Evaporator type	/	Hydrophilie Aluminium - Pure Copper (Option Electrophoretic Resin Coating)							
Heat exchanger type	/	Titanium heat exchanger							
Heat exchanger No.	/	1	1	2	2	2	2	2	2
Controller type	/	Intelligent LCD							
Ambient temperature	°C	-10°C ~ 45°C							
Refrigerant type	/	R417A/R410A/R407C							
Max Water Temperature	°C	40							
Low/ High pressure protection	/	Yes							
Automatic defrosting system	/	Yes							
Overload protection	/	Yes							
Noise in 1 meter	dB(A)	≤54	≤56	≤60	≤65	≤66	≤68	≤71	≤72
Water pipe size	mm	Φ50	Φ50	Φ63	Φ63	Φ90	Φ90	Φ110	Φ110
Waterflow	M3/h	4	6	13	19	25	33	41	54
Cabinet	/	Power coated steel/Stainless steel							
Unit size	mm(H)	1110	860	1450	1585	2000	2010	2010	2100
	mm(W)	470	775	815	850	1005	1165	1165	1100
	mm(D)	680	1120	1170	1555	2025	2150	2150	2220
N.W	kg	68	125	270	450	650	750	900	1100

**TESTING CONDITION:** Heating condition: Ambient temp (DB/WB): 24°C/20°C, water temp: 26°C.