

SPRSUN



DC Inverter Swimming Pool Heat Pump



A Professional Heat Pump Manufacturer Since 1999

Max
COP
16.17

Ocean Series

R32 DC Inverter
Swimming Pool
Heat Pumps



Reduced
Noise



High Energy
Efficiency



WiFi
Control



Easy
Installation



Work Silently in Your Backyard

By adopting state-of-the-art Panasonic inverter compressors and brushless Nidec DC fans, SPRSUN DC Inverter pool heat pumps stay peaceful when heating or cooling your pool water due to its internal noise reduction measures. They provide great silence in your swimming environment, KdBA lower than traditional domestic on/off pool heat pumps.

Intelligent Control System

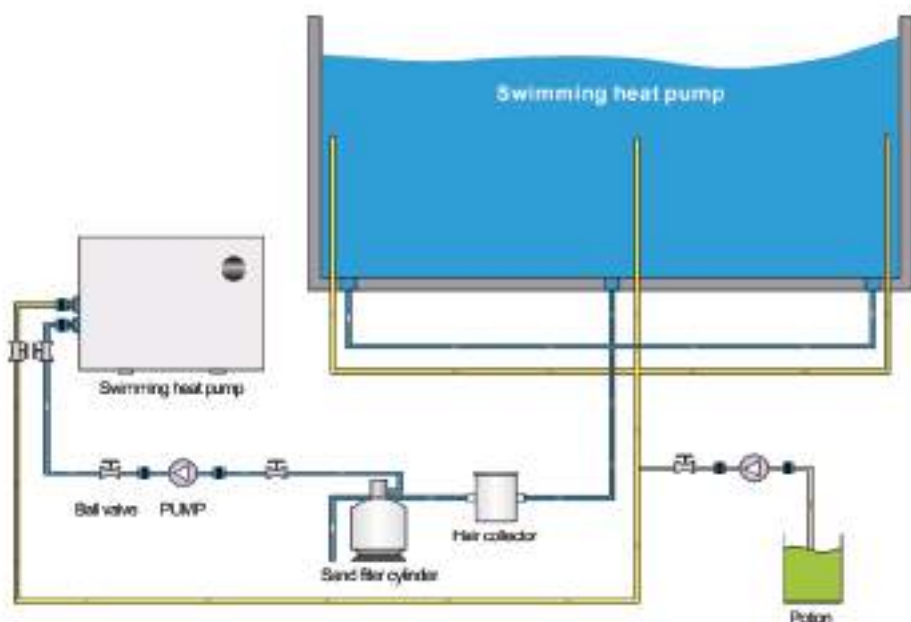
SPRSUN R32 DC inverter swimming pool heat pumps adopt intelligent touch screen controls for users to easily adjust temperature and manage operations. They also have the first remote control function so that users can use their smartphones to monitor and control the working situation of their inverter pool heat pump anytime and anywhere.

Super Chemical Resistance to Avoid Corrosion

The full inverter pool heat pumps use Titanium Tube-in-Tube Heat Exchanger with superior chemical resistance so as to avoid corrosion. Titanium is hard, corrosion-resistant, and heat-resistant, making it a great option for handling the high temperatures, water erosion, and the pressure required to run a pool heat exchanger.



INSTALLATION SKETCH MAP



SPECIFICATION

Model		CDT09H/S	CDT12H/S	CDT15H/S	CDT18H/S	CDT21H/S	CDT24H/S	CDT27H/S	CDT30H/S	CDT33H/S	CDT36H/S	CDT39H/S
Rated Pool Volume	m ³	15-20	20-30	30-40	40-60	60-80	80-100	100-120	120-150	150-180	180-220	220-260
Power Supply	V/Hz/Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	380-420/50/3	380-420/50/3	380-420/50/3
Refrigerant		R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32
Max. Heating Capacity (I)	kW	6.5	9	10.5	14	17	21	26	30	36	42	50
C.O.P (I)	WW	6.9	7.53	7.45	7.41	7.29	7.32	7.05	7.08	7.05	7.64	6.90
Heating Capacity Min./Max (I)	kW	2.0 / 3.5	2.79 / 4	3.35 / 10.5	4.34 / 14	5.27 / 17	7.15 / 23	9.68 / 28	9.30 / 30	6.60 / 20	9.92 / 32	12.09 / 39
Heating Power Input Min./Max (I)	W	105 / 140	175 / 197	205 / 148	249 / 189	332 / 235	447 / 342	547 / 397	507 / 426	547 / 397	635 / 456	770 / 557
C.O.P Min./Max (I)	WW	6.4 / 16.08	7.52 / 16.7	7.45 / 16.02	7.41 / 16.15	7.29 / 15.87	7.32 / 15.96	7.05 / 15.86	7.08 / 15.84	7.05 / 15.86	7.64 / 15.84	6.90 / 15.71
Max. Heating Capacity (I)	kW	4.7	6.5	7.6	10.1	12.3	16.8	20.2	21.6	20.2	23.9	28.1
C.O.P (I)	WW	4.86	5.25	5.30	5.35	5.36	5.39	4.90	4.89	4.90	4.89	4.85
Heating Capacity Min./Max (I)	kW	1.63 / 4.59	2.07 / 4.40	2.42 / 7.56	3.25 / 10.08	3.92 / 12.24	5.50 / 16.55	6.45 / 20.16	6.91 / 21.60	6.45 / 20.16	7.57 / 25.84	8.99 / 28.88
Heating Power Input Min./Max (I)	W	165 / 176	281 / 104	295 / 149	392 / 197	484 / 249	650 / 309	797 / 414	896 / 448	797 / 404	115 / 409	132 / 930
C.O.P Min./Max (I)	WW	4.80 / 8.20	5.25 / 8.25	5.30 / 8.37	5.35 / 8.28	5.36 / 8.09	5.39 / 8.14	4.90 / 8.09	4.89 / 8.08	4.90 / 8.09	4.89 / 8.30	4.85 / 8.01
Max. Cooling Capacity (I)	kW	3.4	5.3	5.8	7.7	9.4	12.7	15.4	16.5	15.4	17.6	21.5
ECR (I)	WW	3.10	3.40	3.37	3.36	3.29	3.31	3.18	3.18	3.18	3.30	3.16
Cooling Capacity Min./Max (I)	kW	1.64 / 3.99	2.29 / 4.95	2.66 / 5.18	3.54 / 7.70	4.30 / 9.36	6.32 / 12.46	7.68 / 15.40	7.99 / 16.90	7.80 / 15.40	8.10 / 17.60	9.87 / 21.46
Cooling Power Input Min./Max (I)	W	362 / 1107	417 / 1087	436 / 1196	556 / 2380	672 / 2603	1175 / 1826	1083 / 4816	1191 / 5188	1083 / 4816	1497 / 5458	1586 / 4883
ECR Min./Max (I)	WW	3.10 / 4.38	3.40 / 5.10	3.37 / 5.05	3.35 / 5.03	3.29 / 4.91	3.31 / 4.96	3.18 / 4.76	3.18 / 4.77	3.18 / 4.78	3.30 / 4.77	3.15 / 4.75
Rated Current	A	4.5	5.7	6.7	9.0	11.2	15.0	19.3	20.4	19.4	22.6	27.6
Max Current	A	6.5	8.3	9.5	13.1	16.2	21.50	27.55	29.56	27.55	31.91	37.93
Max Power Input	kW	1.34	1.70	2.00	2.65	3.32	4.46	5.94	6.05	5.64	6.45	7.95
Soundpower level (A) Ind	dB(A)	41	45	48	49	52	55	55	60	58	60	62
Net Dimension(L×W×H)	mm	950/580/670	950/580/670	950/580/670	1080/580/620	1080/580/620	1080/580/620	1210/580/620	1210/580/620	1210/580/620	1210/580/620	1210/580/620
Packing Dimension(L×W×H)	mm	1000/600/720	1000/600/720	1000/600/720	1130/600/650	1130/600/650	1130/600/650	1260/600/650	1260/600/650	1260/600/650	1260/600/650	1260/600/650
Net Weight	kg	40	57	64	88	92	105	124	136	128	133	150
Gross Weight	kg	50	60	67	92	97	110	130	145	137	143	176

Note: (I) Performance Condition: Air 27°C/Water 26°C/Humidity 80%

(2) Performance Condition: Air 15°C/Water 26°C/Humidity 70%

(3) Performance condition: Air 35°C/Water 26°C/Humidity 64%

The information in this document is just for reference. Since the continuous improvement and control in the production process, the information contained in this document may be subject to change. Please refer to the nameplate on the machine for model specifications.