

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

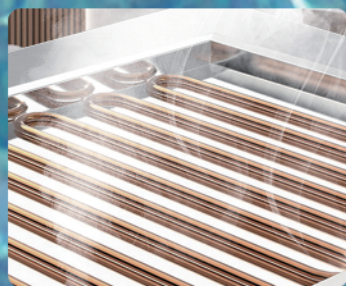
By adopting step-less Panasonic inverter compressors and brushless Nidec DC fans, SPRSUN DC inverter pool heat pumps stay peaceful when heating or cooling your pool water due to its internal noise reduction measures. They provide great silence in your swimming environment, 10dB(A) lower than traditional domestic on/off pool heat pumps.

Intelligent Control System

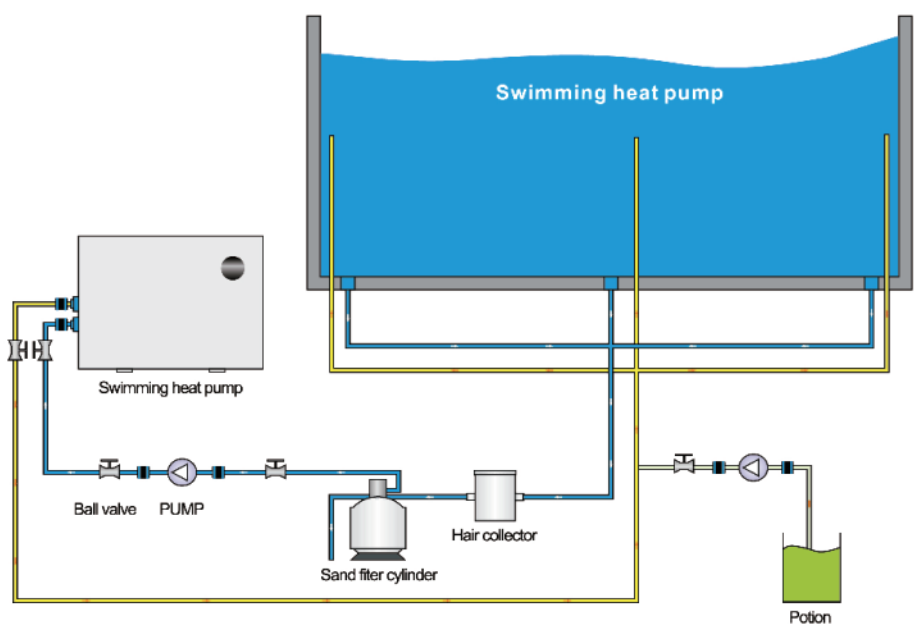
SPRSUN R32 DC inverter swimming pool heat pumps adopt intelligent touch screen controller for users to easily adjust temperature and manage operation. They also have the Wi-Fi remote control function so that users can use their smartphones to monitor and control the working situation of their inverter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

Super Chemical Resistance to Avoid Corrosion

The full inverter pool heat pumps use Titanium Tube-in-Shell Heat Ex-changer 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		CGY015V3	CGY020V3	CGY025V3	CGY030V3	CGY035V3	CGY040V3	CGY050V3	CGY060V3	CGY-050V3	CGY-060V3	CGY-080V3
Advised Pool Volume	m ³	15-20	20-30	25-40	30-60	40-80	50-100	50-100	60-120	50-100	60-120	80-140
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 (1)	kW	6.5	9	10.5	14	17	23	28	30	28	32	39
C.O.P (1)	W/W	6.9	7.52	7.45	7.41	7.28	7.32	7.05	7.04	7.05	7.04	6.98
Heating Capacity Min./Max.(1)	kW	2.02 / 6.5	2.79 / 9	3.26 / 10.5	4.34 / 14	5.27 / 17	7.13 / 23	8.68 / 28	9.30 / 30	8.68 / 28	9.92 / 32	12.09 / 39
Heating Power Input Min./Max.(1)	W	125 / 942	173 / 1197	203 / 1409	269 / 1889	332 / 2335	447 / 3142	547 / 3972	587 / 4261	547 / 3972	626 / 4545	770 / 5587
C.O.P Min./Max.(1)	W/W	6.9 / 16.08	7.52 / 16.17	7.45 / 16.02	7.41 / 16.15	7.28 / 15.87	7.32 / 15.96	7.05 / 15.86	7.04 / 15.84	7.05 / 15.86	7.04 / 15.84	6.98 / 15.71
Max. Heating Capacity(2)	kW	4.7	6.5	7.6	10.1	12.2	16.6	20.2	21.6	20.2	23.0	28.1
C.O.P (2)	W/W	4.80	5.23	5.18	5.15	5.06	5.09	4.90	4.89	4.90	4.89	4.85
Heating Capacity Min./Max.(2)	kW	1.50 / 4.68	2.07 / 6.48	2.42 / 7.56	3.23 / 10.08	3.92 / 12.24	5.30 / 16.56	6.45 / 20.16	6.91 / 21.60	6.45 / 20.16	7.37 / 23.04	8.99 / 28.08
Heating power input Min./Max.(2)	W	183 / 976	251 / 1240	296 / 1460	392 / 1957	484 / 2419	651 / 3255	797 / 4114	856 / 4415	797 / 4114	913 / 4709	1122 / 5788
C.O.P Min./Max.(2)	W/W	4.80 / 8.20	5.23 / 8.25	5.18 / 8.17	5.15 / 8.24	5.06 / 8.09	5.09 / 8.14	4.90 / 8.09	4.89 / 8.08	4.90 / 8.09	4.89 / 8.08	4.85 / 8.01
Max. Cooling Capacity(3)	kW	3.6	5.0	5.8	7.7	9.4	12.7	15.4	16.5	15.4	17.6	21.5
E.E.R (3)	W/W	3.12	3.40	3.37	3.35	3.29	3.31	3.18	3.18	3.18	3.18	3.15
Cooling Capacity Min./Max.(3)	kW	1.64 / 3.58	2.28 / 4.95	2.66 / 5.78	3.54 / 7.70	4.30 / 9.35	5.82 / 12.65	7.08 / 15.40	7.59 / 16.50	7.08 / 15.40	8.10 / 17.60	9.87 / 21.45
Cooling Power Input Min./Max.(3)	W	352 / 1147	447 / 1457	526 / 1716	705 / 2300	872 / 2843	1173 / 3825	1483 / 4835	1591 / 5188	1483 / 4835	1697 / 5534	2086 / 6803
E.E.R Min./Max.(3)	W/W	3.12 / 4.68	3.40 / 5.10	3.37 / 5.05	3.35 / 5.02	3.29 / 4.93	3.31 / 4.96	3.18 / 4.78	3.18 / 4.77	3.18 / 4.78	3.18 / 4.77	3.15 / 4.73
Rated Current	A	4.5	5.7	6.7	9.0	11.2	15.0	19.0	20.4	8.4	9.6	11.8
Max Current	A	6.5	8.3	9.8	13.1	16.2	21.80	27.55	29.56	12.15	13.91	17.10
Max Power Input	kW	1.34	1.70	2.00	2.68	3.32	4.46	5.64	6.05	5.64	6.45	7.93
Sound power level (at 1m)	dB(A)	41	43	45	49	52	55	58	60	58	60	62
Net Dimension(L×D×H)	mm	930*380*670	930*380*670	930*380*670	1090*510*820	1090*510*820	1090*510*1000	1090*510*1000	1090*550*1100	1090*510*1000	1090*510*1000	1090*550*1100
Packing Dimension(L×D×H)	mm	960*410*770	960*410*770	960*410*770	1120*540*930	1120*540*930	1120*540*1120	1120*540*1120	1120*540*1230	1120*540*1120	1120*540*1120	1120*540*1230
Net Weight	kg	48	57	64	88	92	105	124	135	124	130	150
Gross Weight	kg	50	60	67	93	97	110	135	145	163	140	176

Note: (1) 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 28°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.