

# Specifications

		CGY010V3	CGY015V3	CGY020V3	CGY025V3	CGY030V3	CGY040V3
Power Supply	V/Hz/Ph	220-240/50/1					
Refrigerant		R32					
Max. Heating Capacity (1)	kW	4.5	6.5	9	10.5	13	16
C.O.P (1)	W/W	7.49	7.42	7.52	7.45	7.41	7.41
Heating Capacity Min./Max.(1)	kW	1.40/4.5	2.02/6.5	2.79/9	3.26/10.5	4.03 /13	4.96/16
Heating Power Input Min./Max.(1)	W	85 / 601	125/876	170/1197	200/1409	249/1754	307/2159
C.O.P Min./Max.(1)	W/W	7.49/16.33	7.42/16.18	7.52/16.39	7.45/16.24	7.41/16.15	7.41/16.15
Max. Heating Capacity(2)	kW	3.2	4.7	6.5	7.6	9.4	11.5
C.O.P (2)	W/W	5.21	5.16	5.23	5.18	5.15	5.15
Heating Capacity Min./Max.(2)	kW	1.04/3.24	1.50/4.68	2.07/6.48	2.42/7.56	3.00/9.36	3.69/11.52
Heating power Input Min./Max.(2)	W	115/622	168/908	230/1240	271/1460	337 /1817	415/2237
C.O.P Min./Max.(2)	W/W	5.21/8.98	5.16/8.90	5.23/9.02	5.18/8.93	5.15/8.88	5.15 /8.88
Max. Cooling Capacity(3)	kW	2.5	3.6	5.0	5.8	7.2	8.8
E.E.R (3)	W/W	3.38	3.35	3.40	3.37	3.35	3.35
Cooling Capacity Min./Max.(3)	kW	1.14/2.48	1.64/3.58	2.28/4.95	2.66/5.78	3.29/7.15	4.05/8.80
Cooling Power Input Min./Max.(3)	W	224/731	327/1067	447/1457	526/1716	655/2136	806/2629
E.E.R Min./Max.(3)	W/W	3.38/5.08	3.35/5.03	3.40/5.10	3.37/5.05	3.35/5.02	3.35/5.02
Rated Current	A	2.9	4.2	5.7	6.7	8.4	10.3
Max Current	A	4.2	6.1	8.3	9.8	12.2	15.0
Compressor	Type - Quantity/System	Twin Rotary - 1					
Fan	Quantity	1					
	Airflow	m3/h 1200 1500 2000 2400 3000 3000					
	Rated power	W 30 33 36 40 80 80					
Water Side Heat	Type	Titanium Tube in PVC					
	Water Pressure Drop	kPa 7 8 9 9.5 10 11					
Allowable Water Flow	Piping Connection	mm φ50 φ50 φ50 φ50 φ50 φ50					
	Min./Rated./Max.	L/S 0.27 0.43 0.54 0.39 0.62 0.78 0.54 0.86 1.07 0.63 1.00 1.25 0.78 1.24 1.55 0.96 1.53 1.91					
Noise Level	dB(A)	40 41 43 45 49 52					
Net Dimension(LxDxH)	mm	930*380*670 930*380*670 930*380*670 930*380*670 1100*490*805 1100*490*805					
Packing Dimension(LxDxH)	mm	960*410*770 960*410*770 960*410*770 960*410*770 1200*540*970 1200*540*970					
Net Weight	Kg	42 48 57 64 88 92					
Gross Weight	Kg	44 50 60 67 93 97					
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%							

# SPRSUN R32 Full Inverter Swimming Pool Heat Pumps



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