



JunglePro Series

R32 DC Inverter Air Source Heat Pumps with Carel Controller



Multiple Modes for Comfortable Use



ERP A+++ Performance



Stable Running Ambient



Reduced Noise



WIFI Control



CAREL Controller



KEYMARK Certification



SG Ready



MULTIPLE FUNCTION FIVE WORKING MODES

Central Hot Water

Central Hot Water: Constant Temperature, Sufficient Water Volume, 24-hour Instant Supply.

Central Cooling

Water Cooled Air Conditioning, Soft Air Supply, Comfortable for Human Body.

Whole House Heating

Water Cycled Floor Heating, Well-distributed Heat Dissipation, Healthy & Energy Saving.

Hot Water + House Cooling

Meet the Requirements of Both Central Hot Water and Air Conditioning.

Hot Water + House Heating

Meet the Requirements of Both Central Hot Water and Room Heating.



Key Components

We believe that by joining hands and working together, we will be able to create greater value for our customers. We cooperate with leading companies such as Panasonic, CAREL, Grundfos, Copeland, MITSUBISHI, Schneider and SANYO to ensure upgraded product quality.



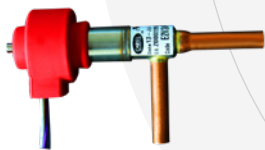
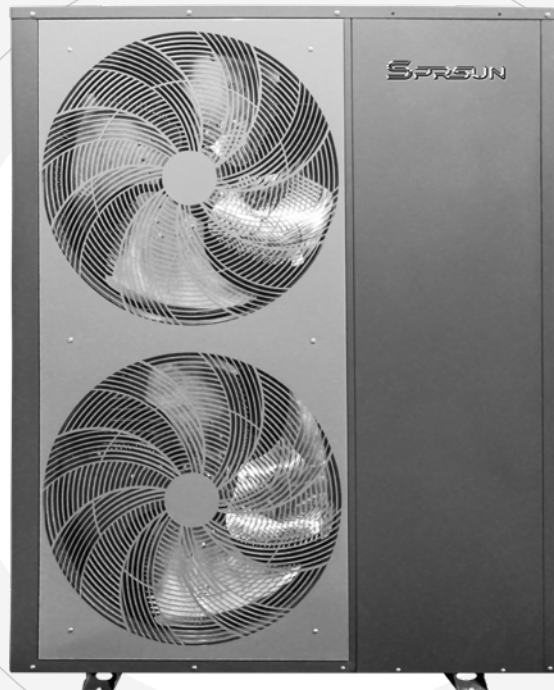
Controller
CAREL Controller



DC Fan
WOLONG Brushless DC Fan



Compressor
Panasonic Rotary Compressor



Expansion valve
CAREL Electronic Expansion valve



4-way valve
SANHUA



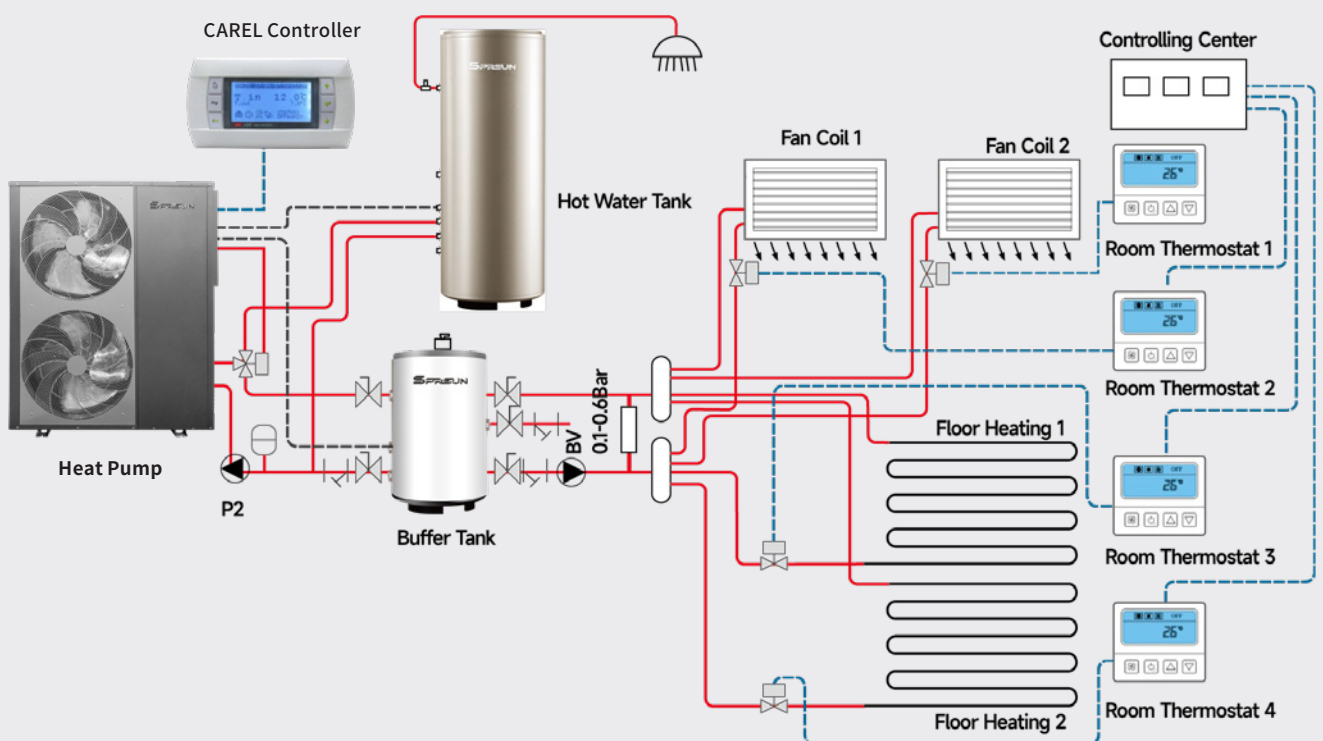
Pressure Sensor
CAREL Pressure Sensor



Installation Diagram

Notice:

1. Please select the right modes according to your demand, then install it according to the installation diagram. If only hot water function is required, please select heating+hot water mode and then put the hot water sensor into the hot water tank.
2. Two-way valve and BV valve are optional for installation. Only if you need to control the temperature in different zones, please install both.
3. Fan coil can be controlled by linkage with the secondary circulation pump. Meanwhile, a passive linkage thermostat shall be installed.



Specifications (220V)



Model		CGK015V3L	CGK025V3L	CGK030V3L	CGK040V3L	CGK050V3L	CGK060V3L
Power Supply / Refrigerant	V/Hz/Ph	220-240/50/1 - R32					
Heating condition: water inlet/outlet temperature: 30°C /35°C , Ambient temperature: DB 7°C /WB 6°C ;							
Max. Heating Capacity	kW	6	9.5	12	16	20	22
C.O.P	W/W	4.45	4.58	4.45	4.71	4.75	4.62
Heating Capacity Min./Max.	kW	2.76/6	4.37/9.5	5.52/12	7.36/16	9.2/20	10.12/22
Heating Power Input Min./Max.	W	496/1348	763/2074	992/2697	1250/3397	1549/4211	1752/4762
C.O.P Min./Max.	W/W	4.45/5.56	4.58/5.73	4.45/5.56	4.71/5.89	4.75/5.94	4.62/5.78
Heating condition: water inlet/outlet temperature: 40°C /45°C , Ambient temperature: DB 7°C /WB 6°C ;							
Max. Heating Capacity	kW	5.8	9.1	11.5	15.4	19.2	21.1
C.O.P	W/W	3.60	3.71	3.60	3.82	3.85	3.70
Heating Capacity Min./Max.	kW	2.65 /5.76	4.20 /9.12	5.30 /11.52	7.07 /15.36	8.83 /19.20	9.72 /21.12
Heating power input Min./Max.	W	627 /1618	964 /2489	1254 /3236	1579 /4076	1957 /5053	2214 /5714
C.O.P Min./Max.	W/W	3.56 /4.23	3.66 /4.35	3.56 /4.23	3.77 /4.47	3.80 /4.51	3.70 /4.39
Cooling condition: water inlet/outlet temperature: 23°C /18°C , Ambient temperature: DB35°C /WB24°C ;							
Max. Cooling Capacity	kW	5.5	8.7	10.9	14.6	18.2	20.1
E.E.R	W/W	3.50	3.60	3.50	3.70	3.73	3.59
Cooling Capacity Min./Max.	kW	2.52 /5.47	3.99 /8.66	5.03 /10.94	6.71 /14.59	8.39 /18.24	9.23 /20.06
Cooling Power Input Min./Max.	W	608 /1852	935 /2849	1215 /3704	1531 /4666	1897 /5783	2146 /6540
E.E.R Min./Max.	W/W	2.95 /4.14	3.04 /4.26	2.95 /4.14	3.13 /4.39	3.15 /4.42	3.07 /4.30
Cooling condition: water inlet/outlet temperature: 12°C /7°C , Ambient temperature: DB35°C /WB24°C ;							
Max. Cooling Capacity	kW	3.9	6.2	8.6	10.4	14.4	15.8
E.E.R	W/W	2.52	2.59	2.62	2.66	2.80	2.69
Cooling Capacity Min./Max.	kW	1.80 /3.92	2.85 /6.20	3.97 /8.64	4.80 /10.44	6.62 /14.40	7.29 /15.84
Cooling Power Input Min./Max.	W	494 /1559	760 /2399	1090 /3440	1245 /3929	1702 /5371	1925 /6075
E.E.R Min./Max.	W/W	2.51 /3.65	2.58 /3.75	2.51 /3.65	2.66 /3.86	2.68 /3.89	2.61 /3.79
Rated Current	A	6.5	9.9	12.9	16.3	20.1	22.8
Max Power Input	kW	2.0	3.0	3.9	4.9	6.1	6.9
Max Current	A	9.4	14.4	18.7	23.6	29.2	33.0
Sound Pressure (1m)	dB(A)	/	47	48	53	51	54
Sound power Level	dB(A)	/	61	63	68	67	70
Refrigerant	/	R32					
ErP Level(35° C)	/	/	A+++				
Cabinet Type	/	Galvanized steel painting					
Net Weight	Kg	59	80	88	98	124	124
Gross Weight	Kg	80	108	116	126	161	161
Net Dimension(L×D×H)	mm	990*375*655	1110*475*810	1110*475*810	1110*475*960	1110*475*1355	1110*475*1355
Packing Dimension(L×D×H)	mm	1070*405*800	1200*540*970	1200*540*970	1200*540*1120	1200*540*1510	1200*540*1510

All technical data is compliant with the guidelines specified in the following standards: EN14511; EN14825:2022; EN12102-1:2022; EN14511-3:2022; EN14511-4:2022 Clause4; (EU) NO. 813:2013; OJ 2014/ C207/02:2014. The SCOP seasonal heating efficiency is determined for temperate climate conditions. 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.

For updated product information, please visit <https://sprsunheatpump.com/>.



Specifications (380V)



Model		CGK-025V3L	CGK-030V3L	CGK-040V3L	CGK-050V3L	CGK-060V3L	CGK-080V3L	CGK-100V3L
Power Supply /	V/Hz/Ph	380-420/50/3 - R32						
Heating condition: water inlet/outlet temperature: 30°C /35°C , Ambient temperature: DB 7°C /WB 6°C ;								
Max. Heating Capacity	kW	9.5	12	16	20	22	27	36
C.O.P	W/W	4.58	4.45	4.71	4.76	4.65	4.65	4.65
Heating Capacity Min./Max.	kW	4.37/9.5	5.52/12	7.36/16	9.2/20	10.12/22	12.42/27	16.56/36
Heating Power Input Min./Max.	W	763 /2074	992 /2697	1250 /3397	1546 /4202	1741 /4731	2137 /5806	2849 /7742
C.O.P Min./Max.	W/W	4.58/5.73	4.45/5.56	4.71/5.89	4.76/5.95	4.65/5.81	4.65/5.81	4.65/5.81
Heating condition: water inlet/outlet temperature: 40°C /45°C , Ambient temperature: DB 7°C /WB 6°C ;								
Max. Heating Capacity	kW	9.1	11.5	15.4	19.2	21.1	25.9	34.6
C.O.P	W/W	3.71	3.60	3.82	3.81	3.60	3.60	3.60
Heating Capacity Min./Max.	kW	4.20 /9.12	5.30 /11.52	7.07 /15.36	8.83 /19.20	9.72 /21.12	11.92 /25.92	15.90 /34.56
Heating power input Min./Max.	W	964 /2489	1254 /3236	1579 /4076	1953 /5042	2199 /5677	2699 /6968	3599 /9290
C.O.P Min./Max.	W/W	3.66 /4.35	3.56 /4.23	3.77 /4.47	3.81 /4.52	3.72 /4.42	3.72 /4.42	3.72 /4.42
Cooling condition: water inlet/outlet temperature: 23°C /18°C , Ambient temperature: DB35°C /WB24°C ;								
Max. Cooling Capacity	kW	8.7	10.9	14.6	18.2	20.1	24.6	32.8
E.E.R	W/W	3.60	3.50	3.70	3.69	3.50	3.50	3.50
Cooling Capacity Min./Max.	kW	3.99 /8.66	5.03 /10.94	6.71 /14.59	8.39 /18.24	9.23 /20.06	11.33 /24.62	15.10 /32.83
Cooling Power Input Min./Max.	W	935 /2849	1215 /3704	1531 /4666	1893 /5771	2132 /6498	2616 /7975	3489 /10634
E.E.R Min./Max.	W/W	3.04 /4.26	2.95 /4.14	3.13 /4.39	3.16 /4.43	3.09 /4.33	3.09 /4.33	3.09 /4.33
Cooling condition: water inlet/outlet temperature: 12°C /7°C , Ambient temperature: DB35°C /WB24°C ;								
Max. Cooling Capacity	kW	6.2	8.6	10.4	14.4	15.8	19.4	25.9
E.E.R	W/W	2.59	2.62	2.66	2.77	2.62	2.62	2.62
Cooling Capacity Min./Max.	kW	2.85 /6.20	3.97 /8.64	4.80 /10.44	6.62 /14.40	7.29 /15.84	8.94 /19.44	11.92 /25.92
Cooling Power Input Min./Max.	W	760 /2399	1090 /3440	1245 /3929	1699 /5360	1913 /6036	2347 /7407	3130 /9876
E.E.R Min./Max.	W/W	2.58 /3.75	2.51 /3.65	2.66 /3.86	2.69 /3.90	2.62 /3.81	2.62 /3.81	2.62 /3.81
Rated Current	A	4.4	5.7	7.2	8.9	10.0	12.3	16.3
Max Power Input	kW	3.0	3.9	4.9	6.1	6.9	8.4	11.2
Max Current	A	6.3	8.3	10.4	12.9	14.5	17.8	23.7
Sound Pressure (1m)	dB(A)	47	49	52	48	53	/	/
Sound power Level	dB(A)	61	64	67	66	68	/	/
Refrigerant	/	R32						
ErP Level(35° C)	/	A+++					/	/
Cabinet Type	/	Galvanized steel painting						
Net Weight	Kg	80	88	98	124	124	160	270
Gross Weight	Kg	108	116	126	161	161	198	305
Net Dimension(L×D×H)	mm	1110*475*810	1110*475*810	1110*475*960	1110*475*1355	1110*475*1355	1110*475*1455	950*900*1950
Packing Dimension(L×D×H)	mm	1200*540*970	1220*540*970	1200*540*1120	1200*540*1510	1200*540*1510	1200*540*1610	1020*960*2125

All technical data is compliant with the guidelines specified in the following standards: EN14511; EN14825:2022; EN12102-1:2022; EN14511-3:2022; EN14511-4:2022 Clause4; (EU) NO. 813:2013; OJ 2014/ C207/02:2014. The SCOP seasonal heating efficiency is determined for temperate climate conditions. 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.

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