

Specifications (220V)



Model		CGK015V3L-B	CGK025V3L-B	CGK030V3L-B	CGK040V3L-B	CGK050V3L-B	CGK060V3L-B	
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	9.4	11.6	15.8	19.8	21.8	
C.O.P	W/W	4.45	4.56	4.41	4.61	4.71	4.61	
Heating Capacity Min./Max.	kW	2.76/6	4.32/9.4	5.34/11.6	7.27/15.8	9.11/19.8	10.03/21.8	
Heating Power Input Min./Max.	W	564/1348	759/2061	968/2630	1261/3427	1547/4204	1740/4729	
C.O.P Min./Max.	W/W	4.45/4.9	4.56/5.7	4.41/5.51	4.61/5.76	4.71/5.89	4.61/5.76	
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	11.1	15.2	19	20.9	
C.O.P	W/W	3.56	3.65	3.53	3.69	3.77	3.69	
Heating Capacity Min./Max.	kW	2.65/5.76	4.15/9.02	5.12/11.14	6.98/15.17	8.74/19.01	9.63/20.93	
Heating power input Min./Max.	W	677/1618	958/2474	1223/3156	1593/4113	1954/5045	2198/5675	
C.O.P Min./Max.	W/W	3.56/3.92	3.65/4.33	3.53/4.19	3.69/4.38	3.77/4.47	3.69/4.38	
Cooling condition: water inlet/outlet temperature: 23°C /18°C , Ambient temperature: DB35°C /WB24°C ;								
Max. Cooling Capacity	kW	5.5	8.6	10.6	14.4	18.1	19.9	
E.E.R	W/W	3.45	3.54	3.42	3.58	3.65	3.58	
Cooling Capacity Min./Max.	kW	2.52/5.47	3.94/8.57	4.87/10.58	6.63/14.41	8.31/18.06	9.15/19.88	
Cooling Power Input Min./Max.	W	656/1852	929/2423	1185/3091	1544/4028	1894/4941	2131/5558	
E.E.R Min./Max.	W/W	2.95/3.84	3.54/4.25	3.42/4.11	3.58/4.29	3.65/4.39	3.58/4.29	
Cooling condition: water inlet/outlet temperature: 12°C /7°C , Ambient temperature: DB35°C /WB24°C ;								
Max. Cooling Capacity	kW	4.3	6	7.5	10.2	12.7	14	
E.E.R	W/W	2.59	2.48	2.4	2.5	2.56	2.5	
Cooling Capacity Min./Max.	kW	1.99/4.32	2.78/6.05	3.43/7.46	4.67/10.16	5.86/12.74	6.45/14.02	
Cooling Power Input Min./Max.	W	575/1720	744/2441	950/3115	1238/4058	1518/4978	1708/5599	
E.E.R Min./Max.	W/W	2.51/3.45	2.48/3.74	2.4/3.61	2.5/3.78	2.56/3.86	2.5/3.78	
Max Power Input	kW	2.02	3.09	3.95	5.14	6.31	7.09	
Max Current	A	9.68	14.79	18.88	24.6	30.17	33.94	
Wire diameter	mm ²	2.5	4	4	6	6	6	
Fuse or circuitbreaker	A	13A	20A	25A	32A	40A	40A	
Compressor	Type - Quantity/System	Twin Rotary - 1						
	Quantity	1	1	1	1	2	2	
Fan	Airflow	m3/h	1500	2500	3000	3500	5000	5500
	Rated power	W	30	80	100	120	200	210
Water Side Heat Exchanger	Type	Plate Heat Exchanger						
	Water Pressure Drop	kPa	15	18	20	21	23	25
	Piping Connection	Inch	G3/4"			G1"		
Allowable Water Flow	Min./Rated./Max.	L/S	0.18/0.29/0.48	0.28/0.45/0.75	0.35/0.55/0.92	0.47/0.75/1.26	0.59/0.95/1.58	0.65/1.04/1.74
Sound Pressure (1m)	dB(A)	48	48	51	53	54	56	
Sound power Level	dB(A)	62	63	66	67	69	71	
CO2 Equivalent	Ton	0.675	1.0125	1.1475	1.35	1.89	1.89	
ErP Level(35° C)	/	A+++						
Cabinet Type	/	Galvanized steel painting						
Refrigerant / Proper Input	Kg	R32/1000g	R32/1500g	R32/1700g	R32/2000g	R32/2800g	R32/2800g	
SCOP		4.46	4.55	4.47	4.65	4.60	4.72	
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	1100*460*725	1165*490*960	1165*490*960	1165*490*1100	1165*490*1520	1165*490*1520	
Packing Dimension(L×D×H)	mm	1070*405*800	1200*540*970	1200*540*970	1200*540*1120	1200*540*1510	1200*540*1510	
Net Weight	kg	59	78	88	105	124	124	
Gross Weight (Cardboard case)	kg	70	101	105	120	150	150	
Gross Weight (Plywood case)	kg	80	106	116	126	161	161	

* 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.

