

Specifications (380V)



| Model | | CGK-025V3L-B | CGK-030V3L-B | CGK-040V3L-B | CGK-050V3L-B | CGK-060V3L-B | CGK-080V3L-B | |
|---|------------------------|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Power Supply / Refrigerant | 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 | 9.4 | 11.6 | 15.8 | 19.8 | 21.8 | 28 | |
| C.O.P | W/W | 4.56 | 4.42 | 4.62 | 4.72 | 4.62 | 4.62 | |
| Heating Capacity Min./Max. | kW | 4.32/9.4 | 5.34/11.6 | 7.27/15.8 | 9.11/19.8 | 10.03/21.8 | 12.88/28 | |
| Heating Power Input Min./Max. | W | 759/2061 | 966/2624 | 1259/3420 | 1544/4195 | 1736/4719 | 2230/6061 | |
| C.O.P Min./Max. | W/W | 4.56/5.7 | 4.42/5.53 | 4.62/5.78 | 4.72/5.9 | 4.62/5.78 | 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 | 9 | 11.1 | 15.2 | 19 | 20.9 | 26.9 | |
| C.O.P | W/W | 3.65 | 3.54 | 3.7 | 3.78 | 3.7 | 3.7 | |
| Heating Capacity Min./Max. | kW | 4.15/9.02 | 5.12/11.14 | 6.98/15.17 | 8.74/19.01 | 9.63/20.93 | 12.36/26.88 | |
| Heating power input Min./Max. | W | 958/2474 | 1220/3149 | 1590/4104 | 1950/5034 | 2193/5662 | 2817/7273 | |
| C.O.P Min./Max. | W/W | 3.65/4.33 | 3.54/4.2 | 3.7/4.39 | 3.78/4.48 | 3.7/4.39 | 3.7/4.39 | |
| Cooling condition: water inlet/outlet temperature: 23°C /18°C , Ambient temperature: DB35°C /WB24°C ; | | | | | | | | |
| Max. Cooling Capacity | kW | 8.6 | 10.6 | 14.4 | 18.1 | 19.9 | 25.5 | |
| E.E.R | W/W | 3.54 | 3.43 | 3.59 | 3.66 | 3.59 | 3.59 | |
| Cooling Capacity Min./Max. | kW | 3.94/8.57 | 4.87/10.58 | 6.63/14.41 | 8.31/18.06 | 9.15/19.88 | 11.75/25.54 | |
| Cooling Power Input Min./Max. | W | 929/2423 | 1183/3084 | 1541/4019 | 1890/4930 | 2126/5546 | 2731/7123 | |
| E.E.R Min./Max. | W/W | 3.54/4.25 | 3.43/4.12 | 3.59/4.3 | 3.66/4.39 | 3.59/4.3 | 3.59/4.3 | |
| Cooling condition: water inlet/outlet temperature: 12°C /7°C , Ambient temperature: DB35°C /WB24°C ; | | | | | | | | |
| Max. Cooling Capacity | kW | 6 | 7.5 | 10.2 | 12.7 | 14 | 18 | |
| E.E.R | W/W | 2.48 | 2.4 | 2.51 | 2.56 | 2.51 | 2.51 | |
| Cooling Capacity Min./Max. | kW | 2.78/6.05 | 3.43/7.46 | 4.67/10.16 | 5.86/12.74 | 6.45/14.02 | 8.28/18.01 | |
| Cooling Power Input Min./Max. | W | 744/2441 | 948/3108 | 1235/4049 | 1515/4967 | 1704/5587 | 2189/7176 | |
| E.E.R Min./Max. | W/W | 2.48/3.74 | 2.4/3.62 | 2.51/3.79 | 2.56/3.87 | 2.51/3.79 | 2.51/3.79 | |
| Max Power Input | kW | 3.09 | 3.94 | 5.13 | 6.29 | 7.08 | 9.09 | |
| Max Current | A | 6.53 | 8.31 | 10.83 | 13.28 | 14.94 | 19.18 | |
| Wire diameter | mm ² | 2.5 | 2.5 | 2.5 | 4 | 4 | 4 | |
| Fuse or circuitbreakerer | A | 13A | 13A | 16A | 20A | 20A | 25A | |
| Compressor | Type - Quantity/System | Twin Rotary - 1 | | | | | | |
| | Quantity | 1 | 1 | 1 | 2 | 2 | 2 | |
| Fan | Airflow | m3/h | 2500 | 3000 | 3500 | 5000 | 5500 | 7500 |
| | Rated power | W | 80 | 100 | 120 | 200 | 210 | 250 |
| Water Side Heat Exchanger | Type | Plate Heat Exchanger | | | | | | |
| | Water Pressure Drop | kPa | 18 | 20 | 21 | 23 | 25 | 25 |
| | Piping Connection | Inch | G1" | | | | | |
| Allowable Water Flow | Min./Rated./Max. | L/S | 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 | 0.84/1.34/2.23 |
| Sound Pressure (1m) | dB(A) | 48 | 50 | 53 | 53 | 58 | / | |
| Sound power Level | dB(A) | 62 | 65 | 68 | 68 | 73 | / | |
| CO2 Equivalent | Ton | 1.0125 | 1.1475 | 1.35 | 1.89 | 1.89 | 2.3625 | |
| ErP Level(35° C) | / | A+++ | | | | | | |
| Cabinet Type | / | Galvanized steel painting | | | | | | |
| Refrigerant / Proper Input | Kg | R32/1500g | R32/1700g | R32/2000g | R32/2800g | R32/2800g | R32/3500g | |
| SCOP | | 4.46 | 4.50 | 4.47 | 4.61 | 4.50 | / | |
| Net Dimension(L×D×H) | mm | 1110*475*810 | 1110*475*810 | 1110*475*960 | 1110*475*1355 | 1110*475*1355 | 1110*475*1455 | |
| Packing Dimension(L×D×H) | mm | 1165*490*960 | 1165*490*960 | 1165*490*1100 | 1165*490*1520 | 1165*490*1520 | 1165*490*1590 | |
| Packing Dimension(L×D×H) | mm | 1200*540*970 | 1220*540*970 | 1200*540*1120 | 1200*540*1510 | 1200*540*1510 | 1200*540*1610 | |
| Net Weight | kg | 78 | 88 | 105 | 124 | 124 | 150 | |
| Gross Weight (Cardboard case) | kg | 101 | 105 | 120 | 150 | 150 | 183 | |
| Gross Weight (Plywood case) | kg | 106 | 116 | 126 | 161 | 161 | 188 | |

* 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.

