

RGB-080-V / 80kW Output Re-circulating Heat Pump

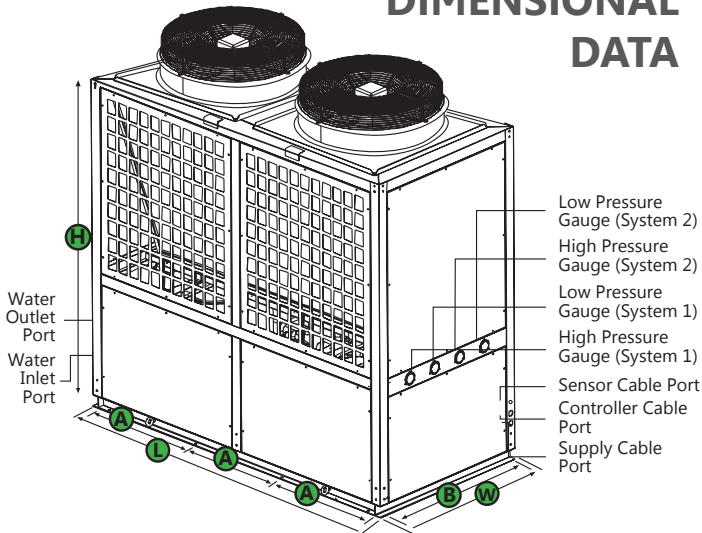


ENDORSED BY NATURE®

PRODUCT IMAGE



DIMENSIONAL DATA



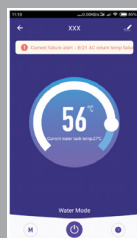
- A** Distance between supports - 600mm
- L** Length - 2000mm
- B** Width / Inc the supports- 946mm
- W** Width - 980mm
- H** Height - 1960mm

SPECIAL FEATURES

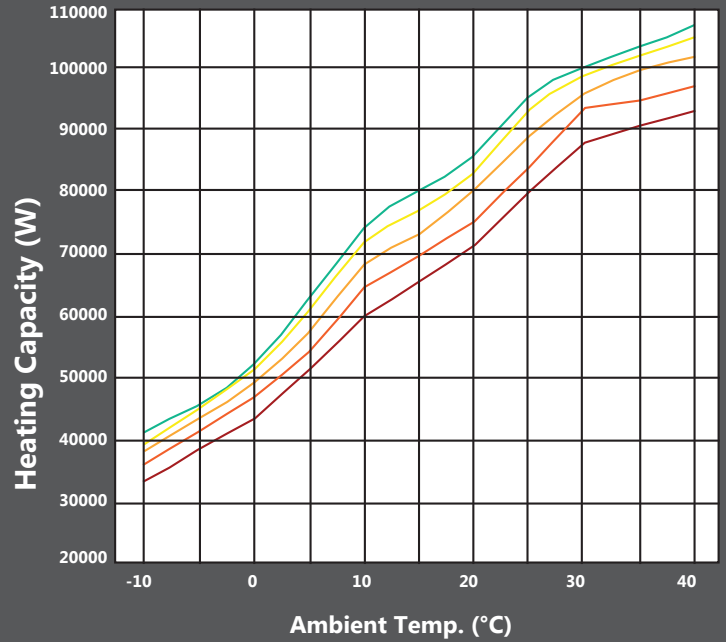
SMART LDC TOUCH SCREEN CONTROLLER



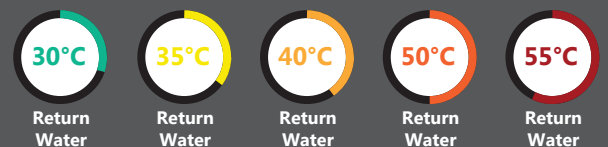
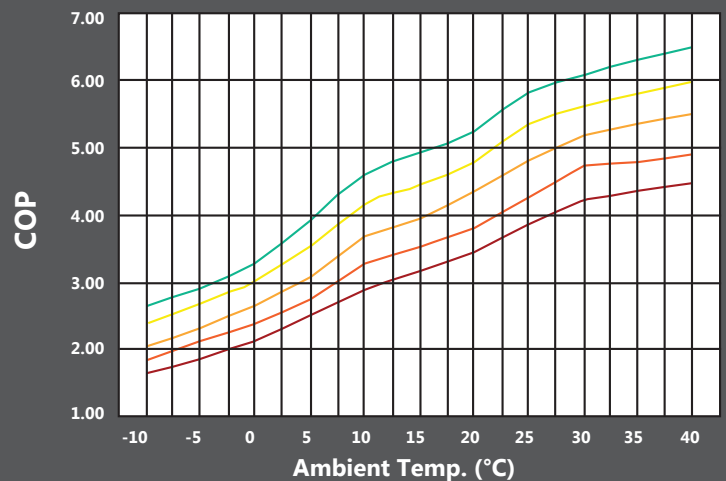
WI-FI ENABLED
CONNECT TO SMART APP VIA
YOUR MOBILE DEVICE



HEATING CAPACITY



COEFFICIENT OF PERFORMANCE (COP)



RGB-080-V / 80kW Output Re-circulating Heat Pump



| OPERATIONAL DATA | | | | |
|-------------------------------|--------------------------------|-------------------------|------------|---------------|
| OPERATING DATA | Heating Capacity | | kW | 80 |
| | Power | Power Supply | Ph-V-Hz | 380V/3PH/50HZ |
| | | Rated Input Consumption | kW | 19.3 |
| | | Max Input Consumption | kW | 28.95 |
| | | Rated Input Current | A | 31.79 |
| | | Max Input Current | A | 47.68 |
| | | Starting Current | A | 174 |
| | | COP | W/W | 4.07 |
| | Max Water Temp Setpoint | | °C | 55 |
| | Max Outlet Water Temp | | °C | 60 |
| Hot Water Yield | | L/h | 1720 | |
| Recommended Water Flow | | m³/h | 17.2 | |
| Working Temp (Ambient) | | °C | -15°C~43°C | |

| GENERAL & PARTS DATA | | | | | |
|--|------------------------------|-----------------------------|-------|-------------------------------|------------------------------|
| GENERAL & PARTS DATA | Compressor | Model | | VR125KSE-TFP-522 | |
| | | Type / Brand | | Scroll / Copeland | |
| | | Compressor Qty | PCS | | 2 |
| | | Rated Capacity | kW | | 29.9 |
| | | Locked Rotor Amp | A | | 110 |
| | | Thermal Protector | | | Inner |
| | | Capacitor | µF | | None |
| | Fan Motor | Model | | YWF.A6T-630S-5F1IIS01 / Dunli | |
| | | Input (2 Speeds) | W | | 500/350 |
| | | Speed | r/min | | 900/750 |
| | | Diameter of Fans | mm | | 630 |
| | | Air Flow | m³/h | | 10200/8500 |
| | | Static Pressure | Pa | | 120/100 |
| | | Fan Motor Qty | PCS | | 2 |
| | Heat Exchanger | Type | | | Copper Tube in Shell |
| | | Qty | PCS | | 2 |
| | Evaporator | Number of Rows | | | 2 |
| | | Fin Spacing | mm | | 2 |
| | | Fin Type | | | Hydrophilic Aluminum |
| | Four-Way Valve | Tube Outer Diameter & Type | mm | | Ø9.52 Innergroove Tube |
| | | Model / Brand | | | STF-0712G / Saginomiya |
| | Expansion Device | Type | | | Thermostatic Expansion Valve |
| | | Model / Brand | | | TGEZ-10 (067N4157) / Danfoss |
| | Wire Controller | Type | | | Intelligent & LCD |
| | | Part Number | | | O01T0089 |
| | | The Length of Control Cable | m | | 12 |
| | Water System | Set Temp. | °C | | 25~55 |
| Materials of Water Pipe | | | | Copper | |
| Water Flow | | m³/h | | 17.2 | |
| Water Pressure Differential | | Kpa | | 60 | |
| Water Inlet Connection Size | | mm | | DN50 / Female | |
| Refrigerant HP & LP Safety Cut-Out Pressure | Water Outlet Connection Size | mm | | DN50 / Female | |
| | | Mpa | | 4.2/0.02 | |
| Refrigerant | Gas Type | | | (R407C) | |
| | Gas Weight | g | | 2 x 6500g | |
| Sound Pressure Level | | dB(A) | | 70 | |
| Dimensions | Dimension(L*W*H) | mm | | 2000x980x1960 | |
| | Packing(L*W*H) | mm | | 2090x995x2020 | |
| | NG/WG | kg | | 530/620 | |