

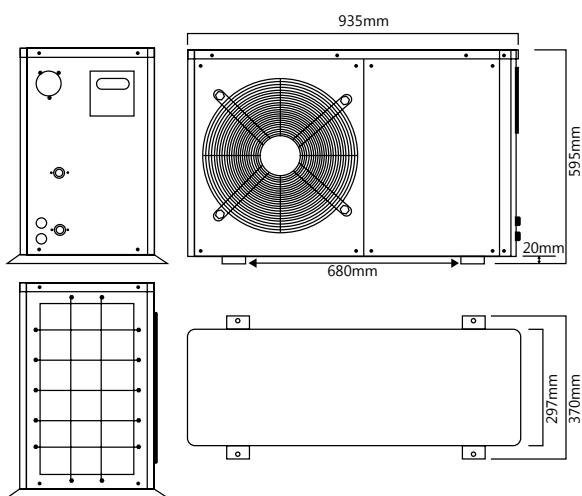
RGB-007-S / 7.2kW Output Re-circulating Heat Pump



PRODUCT IMAGE



DIMENSIONAL DATA

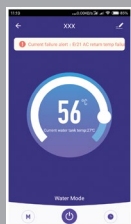


SPECIAL FEATURES

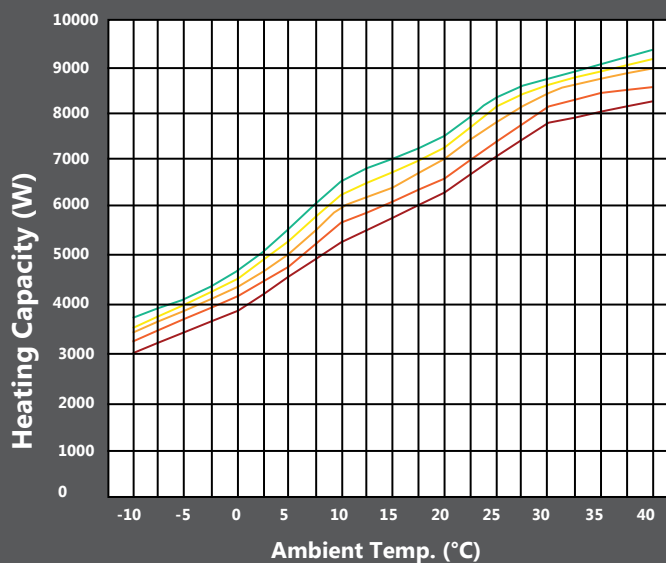
SMART LDC CONTROLLER



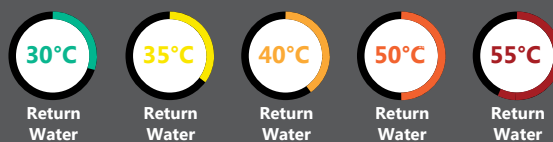
WI-FI ENABLED
CONNECT TO SMART APP VIA
YOUR MOBILE DEVICE



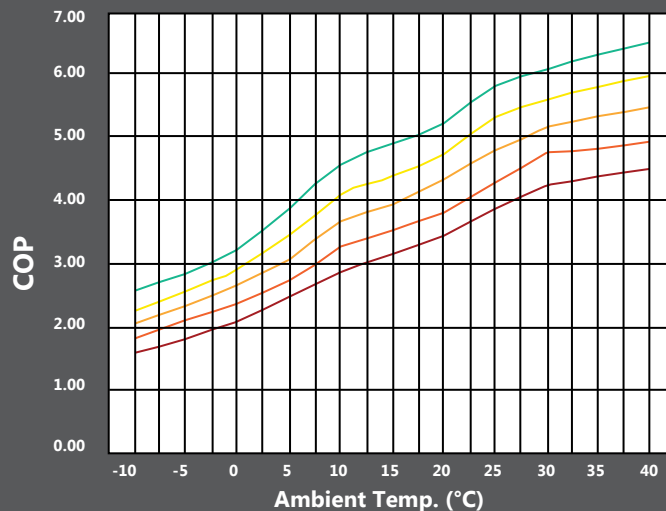
HEATING CAPACITY



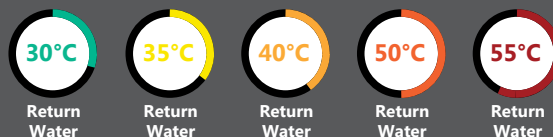
MEASURING CONDITION: Dry/Wet bulb temp. 20°C/15°C ; water inlet/
outlet temp. 15°C/55°C



COEFFICIENT OF PERFORMANCE (COP)



MEASURING CONDITION: Dry/Wet bulb temp. 20°C/15°C ; water inlet/
outlet temp. 15°C/55°C



RGB-007-S / 7.2kW Output Re-circulating Heat Pump



OPERATIONAL DATA				
OPERATING DATA	Heating Capacity		kW	7.2
	Power	Power Supply	Ph-V-Hz	220V/1PH/50HZ
		Rated Input Consumption	kW	1.8
		Max Input Consumption	kW	2.7
		Rated Input Current	A	8.5
		Max Input Current	A	12
		Starting Current	A	35
		COP	W/W	4.02
	Max Water Temp Setpoint		°C	55
	Max Outlet Water Temp		°C	60
Hot Water Yield		L/h	155	
Recommended Water Flow		m³/h	1.5	
Working Temp (Ambient)		°C	-15°C~43°C	
GENERAL & PARTS DATA				
GENERAL & PARTS DATA	Compressor	Model		RN222VHFCM
		Type / Brand		Rotary / Mitsubishi
		Compressor Qty	PCS	1
		Rated Current	A	8.5
		Locked Rotor Amp	A	35
		Thermal Protector		Inner
		Capacitor	µF	25
	Fan Motor	Model		YDK-40B-6-2 / HELONG
		Input	W	100
		Capacitor	µF	3
		Speed	r/min	900/500
		Diameter of Fans	mm	420
		Fan Motor Qty	PCS	1
	Heat Exchanger	Type		Copper Tube in Shell
		Qty	PCS	1
		Diameter of Copper Pipe	mm	19
	Evaporator	Length	m	3.73
		Fin Spacing	mm	1.6
		Fin Type		Hydrophilic Aluminum
	Four-Way Valve	Tube Outer Diameter & Type	mm	Ø9.52 Innergroove Tube
	AC Contactor	Model / Brand		STF-0218G / Saginomiya
	Expansion Device	Model / Brand		Relay
	Water Pump	Type		Capillary Tube
	Wire Controller	Model / Brand		Grundfos / UPS015-60
		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	1.5
Water Pressure Differential		Kpa	60	
Water Inlet Connection Size		mm	3/4" (DN20)	
Refrigerant	Water Outlet Connection Size	mm	3/4" (DN20)	
	Gas Type		(R410A)	
	Gas Weight	g	950	
Sound Pressure Level (1m)		dB(A)	54	
Dimensions	Dimension(L*W*H)	mm	935 x 297 x 595	
	Packing(L*W*H)	mm	1060 x 380 x 630	
	NG/WG	kg	65 / 79	