

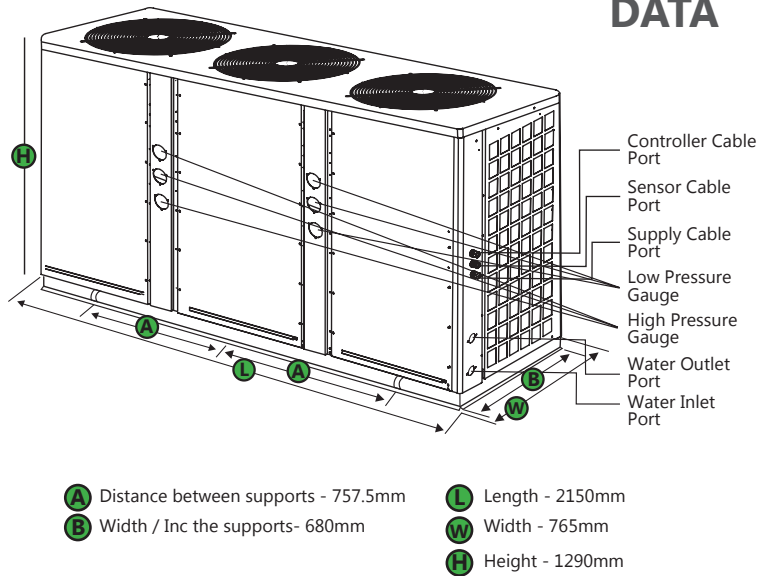
RGB-055-S / 55kW Output Re-circulating Heat Pump



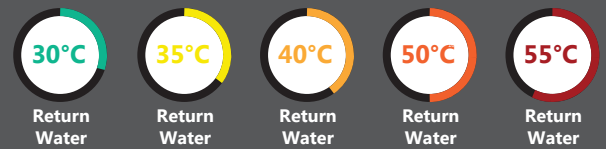
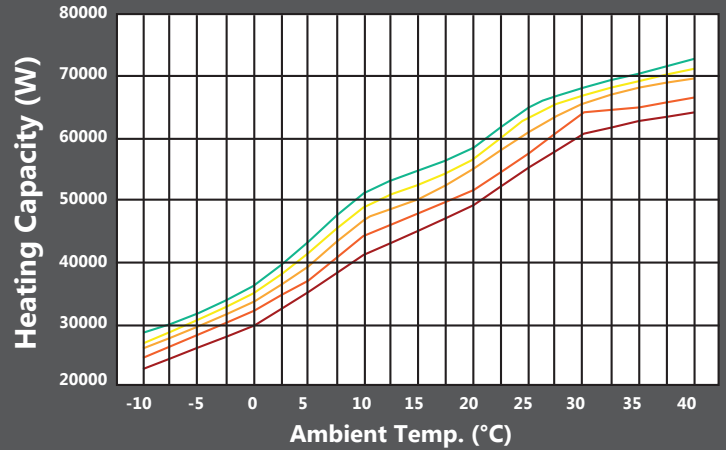
PRODUCT IMAGE



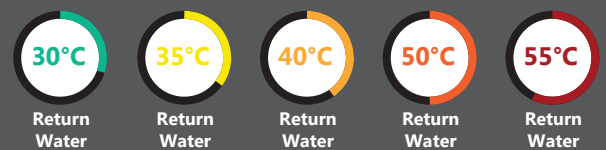
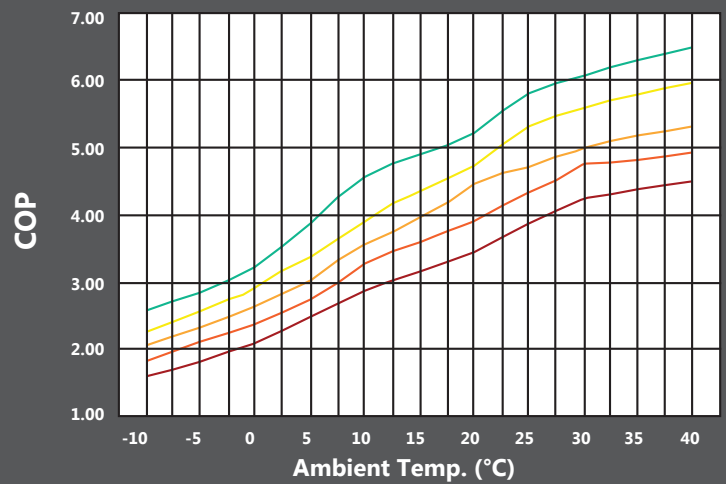
DIMENSIONAL DATA



HEATING CAPACITY



COEFFICIENT OF PERFORMANCE (COP)

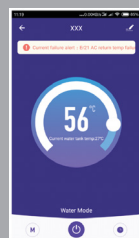


SPECIAL FEATURES

SMART LDC TOUCH SCREEN
CONTROLLER



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



RGB-055-S / 55kW Output Re-circulating Heat Pump



OPERATIONAL DATA				
OPERATING DATA	Heating Capacity		kW	55
	Power	Power Supply	Ph-V-Hz	380V/3PH/50HZ
		Rated Input Consumption	kW	13.5
		Max Input Consumption	kW	20.25
		Rated Input Current	A	23.4
		Max Input Current	A	33
		Starting Current	A	99
		COP	W/W	4.07
	Max Water Temp Setpoint		°C	55
	Max Outlet Water Temp		°C	60
Hot Water Yield		L/h	1182	
Recommended Water Flow		m³/h	11.8	
Working Temp (Ambient)		°C	-15°C~43°C	

GENERAL & PARTS DATA					
GENERAL & PARTS DATA	Compressor	Model		C-SBN373H8D	
		Type / Brand		Scroll / Sanyo	
		Compressor Qty	PCS	3	
		Rated Current	A	7.6	
		Locked Rotor Amp	A	52	
		Thermal Protector		Inner	
		Capacitor	µF	None	
		Refrigerant Oil	ml	1700	
		Displacement	cm³	55.7	
		Compressor Tube Connection	mm	22.2/12.7	
	Fan Motor	Model		YDK-160G-6	
		Input	W	320	
		Capacitor	µF	10	
		Speed	r/min	800/500	
		Diameter of Fans	mm	556	
		Air Flow	m³/h	7000	
		Fan Motor Qty	PCS	3	
	Heat Exchanger	Static Pressure	Pa	30	
		Type		Copper Tube in Shell	
		Qty	PCS	3	
		Model		5P-A	
	Evaporator	Diameter of Copper Pipe	mm	19	
		Number of Rows		2	
		Tube Pitch(a)x Row Pitch(b)	mm	25x22	
		Fin Spacing	mm	1,8	
		Fin Type		Hydrophilic Aluminum	
		Tube Outer Diameter & Type	mm	Ø9.52 Innergroove Tube	
	Four-Way Valve	Coil Length x Width x Height	mm	3 x 935x44x1200	
		Number of Circuits		21	
		Model / Brand		STF-0408G / Saginomiya	
		AC Contactor	Model / Brand	3TF3300-0X/AC220V/ Siemens	
		Expansion Device	Type		Thermostatic Expansion Valve
			Model / Brand		BAE6ZW195 / Emerson
Wire Controller		Type		Intelligent & LCD	
		Part Number		O01T0089	
		The Length of Control Cable	m	12	
		Set Temp.	°C	25~55	
Water System	Materials of Water Pipe		Copper		
	Water Flow	m³/h	11.8		
	Water Pressure Differential	Kpa	55		
	Water Inlet Connection Size	mm	DN50 / Female		
	Water Outlet Connection Size	mm	DN50 / Female		
Refrigerant HP & LP Safety Cut-Out Pressure		Mpa	4.2/0.02		
Refrigerant	Gas Type		(R410A)		
	Gas Weight	g	3 x 3100g		
Sound Pressure Level		dB(A)	63		
Dimensions	Dimension(L*W*H)	mm	2150x765x1290		
	Packing(L*W*H)	mm	2250x865x1450		
	NG/WG	kg	398/460		