

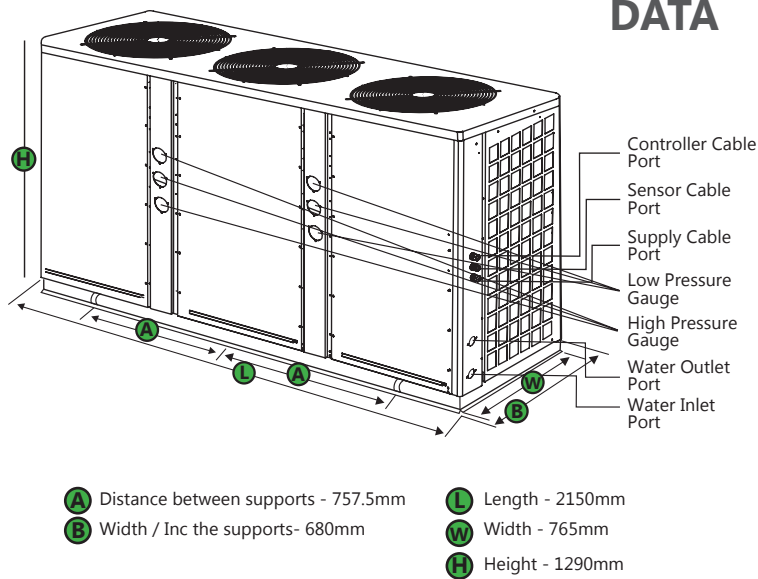
# RGB-055-S / 55kW Output Re-circulating Heat Pump



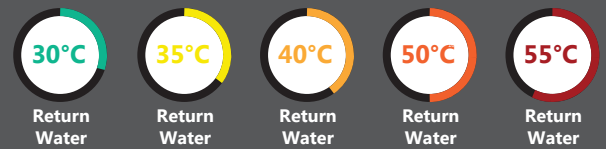
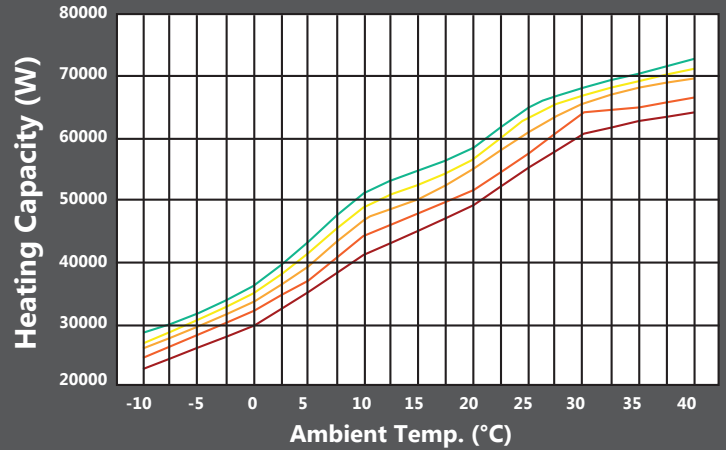
## PRODUCT IMAGE



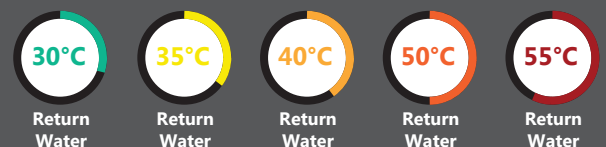
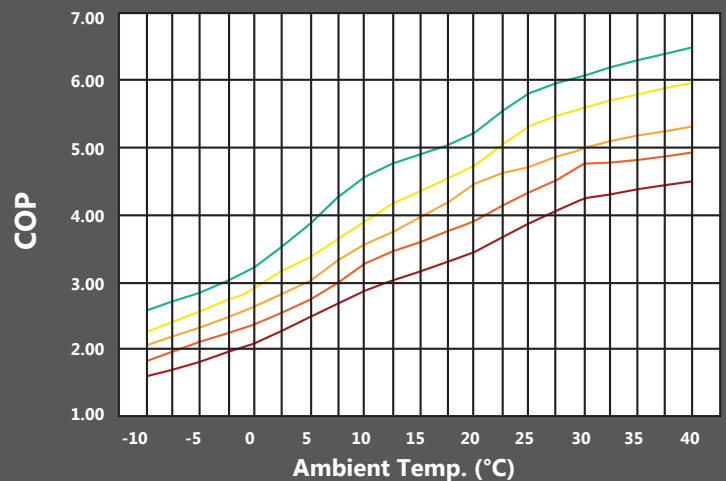
## DIMENSIONAL DATA



## HEATING CAPACITY



## COEFFICIENT OF PERFORMANCE (COP)

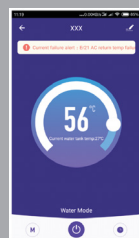


## SPECIAL FEATURES

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	<b>Heating Capacity</b>		kW	55
	<b>Power</b>	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
	<b>Max Water Temp Setpoint</b>		°C	55
	<b>Max Outlet Water Temp</b>		°C	60
<b>Hot Water Yield</b>		L/h	1182	
<b>Recommended Water Flow</b>		m³/h	11.8	
<b>Working Temp (Ambient)</b>		°C	-15°C~43°C	

GENERAL & PARTS DATA				
GENERAL & PARTS DATA	<b>Compressor</b>	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
	<b>Fan Motor</b>	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
	<b>Heat Exchanger</b>	Static Pressure	Pa	30
		Type		Copper Tube in Shell
		Qty	PCS	3
		Model		5P-A
	<b>Evaporator</b>	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
	<b>Four-Way Valve</b>	Coil Length x Width x Height	mm	3 x 935x44x1200
		Number of Circuits		21
		Model / Brand		STF-0408G / Saginomiya
		Model / Brand		3TF3300-0X/AC220V/ Siemens
		Type		Thermostatic Expansion Valve
		Model / Brand		BAE6ZW195 / Emerson
Type			Intelligent & LCD	
Part Number			O01T0089	
The Length of Control Cable		m	12	
Set Temp.		°C	25~55	
<b>Water System</b>	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	
<b>Refrigerant HP &amp; LP Safety Cut-Out Pressure</b>		Mpa	4.2/0.02	
<b>Refrigerant</b>	Gas Type		(R410A)	
	Gas Weight	g	3 x 3100g	
<b>Sound Pressure Level</b>		dB(A)	63	
<b>Dimensions</b>	Dimension(L*W*H)	mm	2150x765x1290	
	Packing(L*W*H)	mm	2250x865x1450	
	NG/WG	kg	398/460	