

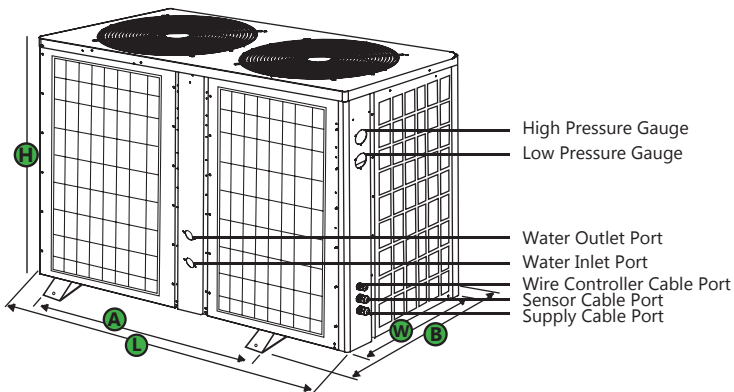
RGB-045-S / 45kW Output Re-circulating Heat Pump



PRODUCT IMAGE



DIMENSIONAL DATA



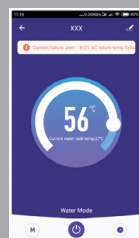
- A** Distance between supports - 755mm
- L** Length - 1450mm
- B** Width / Inc the supports - 708mm
- W** Width - 702mm
- H** Height - 1260mm

SPECIAL FEATURES

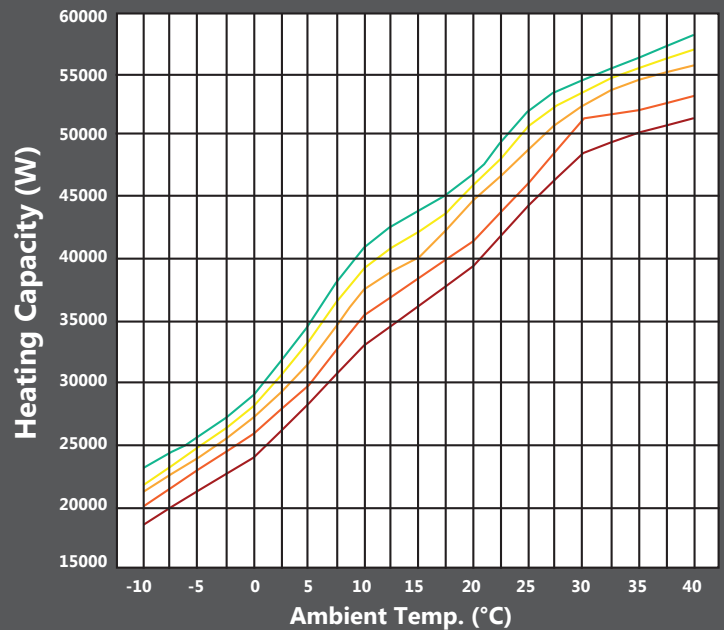
SMART LDC TOUCH SCREEN
CONTROLLER



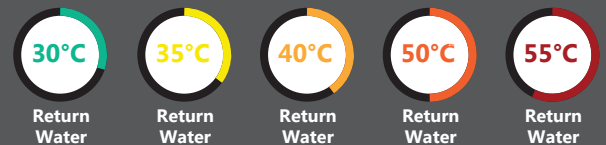
WI-FI ENABLED
CONNECT TO SMART APP VIA
YOUR MOBILE DEVICE



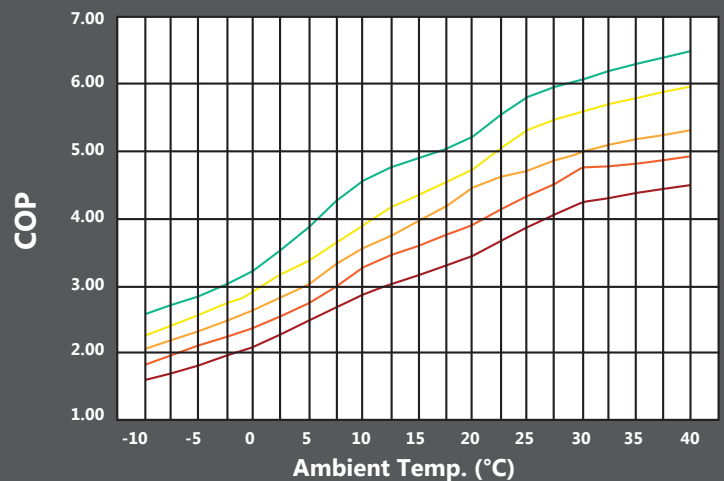
HEATING CAPACITY



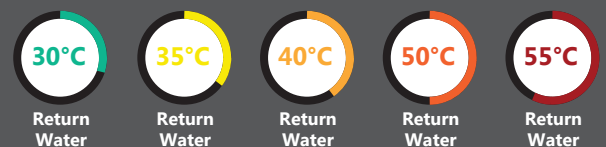
MEASURING CONDITION: Dry/Wet bulb temp. 20°C/15°C ; water inlet/outlet temp. 15°C/55°C



COEFFICIENT OF PERFORMANCE (COP)



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



RGB-045-S / 45kW Output Re-circulating Heat Pump



OPERATIONAL DATA				
OPERATING DATA	Heating Capacity		kW	45
	Power	Power Supply	Ph-V-Hz	380V/3PH/50HZ
		Rated Input Consumption	kW	10.8
		Max Input Consumption	kW	16.2
		Rated Input Current	A	18.6
		Max Input Current	A	27.89
		Starting Current	A	77
		COP	W/W	4.17
	Max Water Temp Setpoint		°C	55
	Max Outlet Water Temp		°C	60
Hot Water Yield		L/h	967	
Recommended Water Flow		m³/h	9.7	
Working Temp (Ambient)		°C	-15°C~43°C	

GENERAL & PARTS DATA				
GENERAL & PARTS DATA	Compressor	Model		C-SBN453HD
		Type / Brand		Scroll / Sanyo
		Compressor Qty	PCS	2
		Rated Current	A	9.3
		Locked Rotor Amp	A	58
		Thermal Protector		Inner
		Capacitor	µF	None
		Refrigerant Oil	ml	1900
		Displacement	cm³	66.8
		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	2
	Heat Exchanger	Static Pressure	Pa	30
		Type		Copper Tube in Shell
		Qty	PCS	2
		Model		6P-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	2 x 1082x44x1200
		Number of Circuits		14
		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	
Water System	Materials of Water Pipe		Copper	
	Water Flow	m³/h	9.7	
	Water Pressure Differential	Kpa	55	
	Water Inlet Connection Size	mm	DN40 / Female	
	Water Outlet Connection Size	mm	DN40 / Female	
Refrigerant HP & LP Safety Cut-Out Pressure		Mpa	4.2/0.02	
Refrigerant	Gas Type		(R410A)	
	Gas Weight	g	2 x 3300g	
Sound Pressure Level		dB(A)	61	
Dimensions	Dimension(L*W*H)	mm	1450x702x1260	
	Packing(L*W*H)	mm	1525x805x1420	
	NG/WG	kg	268/316	