

RGB-100-V / 100kW Output Re-circulating Heat Pump

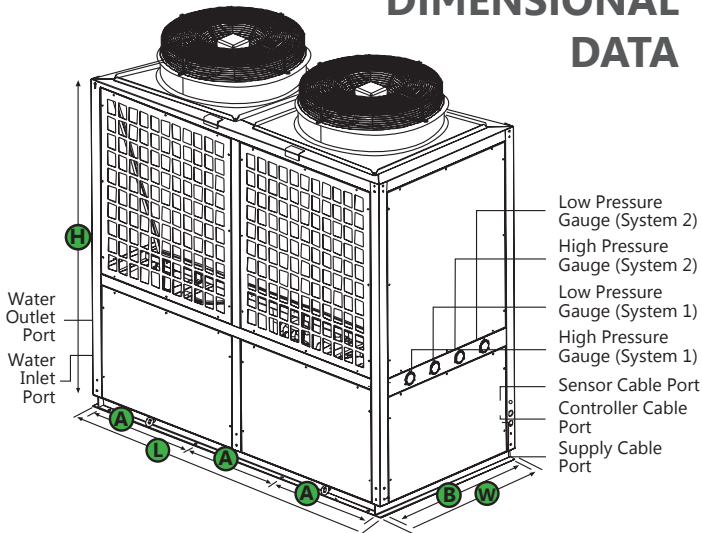


ENDORSED BY NATURE®

PRODUCT IMAGE



DIMENSIONAL DATA



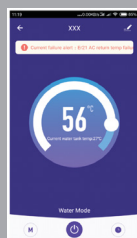
- A** Distance between supports - 600mm
- L** Length - 2000mm
- B** Width / Inc the supports- 946mm
- W** Width - 980mm
- H** Height - 1960mm

SPECIAL FEATURES

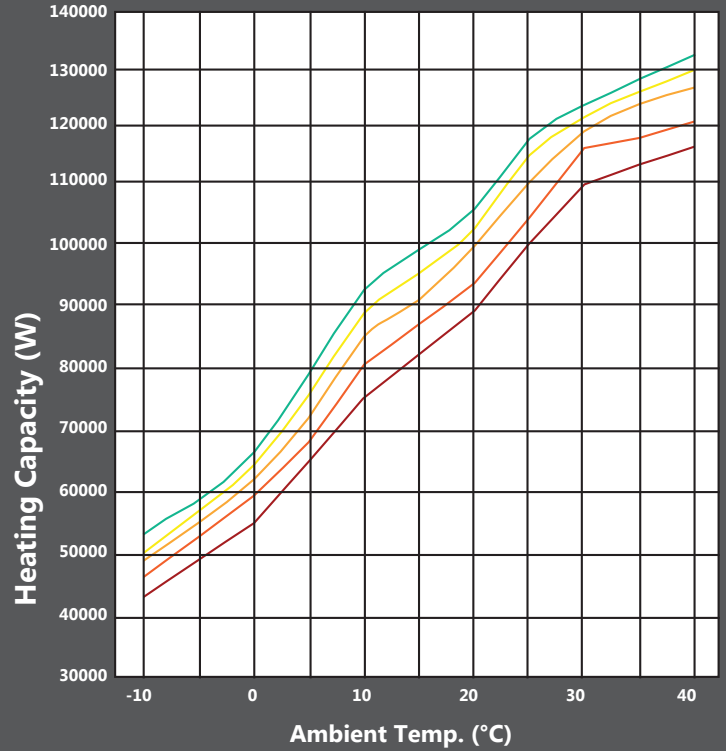
SMART LDC TOUCH SCREEN
CONTROLLER



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



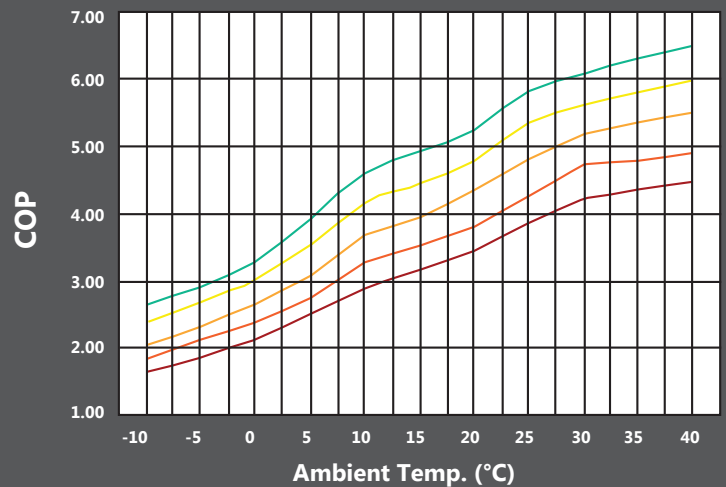
HEATING CAPACITY



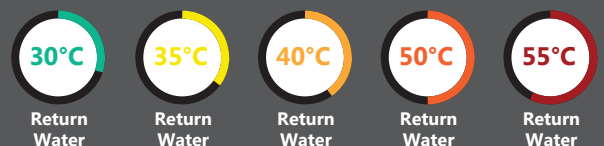
MEASURING CONDITION: Dry/Wet bulb temp. 20°C/15°C ; water inlet/
outlet temp. 15°C/55°C



COEFFICIENT OF PERFORMANCE (COP)



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outlet temp. 15°C/55°C



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OPERATIONAL DATA				
OPERATING DATA	Heating Capacity		kW	100
	Power	Power Supply	Ph-V-Hz	380V/3PH/50HZ
		Rated Input Consumption	kW	24
		Max Input Consumption	kW	36
		Rated Input Current	A	39.53
		Max Input Current	A	59.29
		Starting Current	A	236
		COP	W/W	4.10
	Max Water Temp Setpoint		°C	55
	Max Outlet Water Temp		°C	60
Hot Water Yield		L/h	2150	
Recommended Water Flow		m³/h	21.5	
Working Temp (Ambient)		°C	-15°C~43°C	

GENERAL & PARTS DATA				
GENERAL & PARTS DATA	Compressor	Model		ZW150KAE-TFP-522
		Type / Brand		Scroll / Copeland
		Compressor Qty	PCS	2
		Rated Capacity	kW	47.5
		Locked Rotor Amp	A	157
		Thermal Protector		Inner
		Capacitor	µF	None
	Fan Motor	Model		YWF.A6T-710S-7F1S10 / Dunli
		Input (2 Speeds)	W	1100/800
		Speed	r/min	920/780
		Diameter of Fans	mm	710
		Air Flow	m³/h	17400/15000
		Static Pressure	Pa	150/98
		Fan Motor Qty	PCS	2
	Heat Exchanger	Type		Copper Tube in Shell
		Qty	PCS	2
	Evaporator	Number of Rows		3
		Fin Spacing	mm	2
		Fin Type		Hydrophilic Aluminum
	Four-Way Valve	Tube Outer Diameter & Type	mm	Ø9.52 Innergroove Tube
		Model / Brand		STF-1511G / Saginomiya
	Expansion Device	Type		Thermostatic Expansion Valve
		Model / Brand		TGEZ-12 (067N4159) / 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	21.5
		Water Pressure Differential	Kpa	60
Water Inlet Connection Size		mm	DN65 / Female	
Refrigerant HP & LP Safety Cut-Out Pressure	Water Outlet Connection Size	mm	DN65 / Female	
		Mpa	4.2/0.02	
Refrigerant	Gas Type		(R407C)	
	Gas Weight	g	2 x 7800g	
Sound Pressure Level		dB(A)	70	
Dimensions	Dimension(L*W*H)	mm	2000x980x1960	
	Packing(L*W*H)	mm	2090x995x2020	
	NG/WG	kg	600/690	