

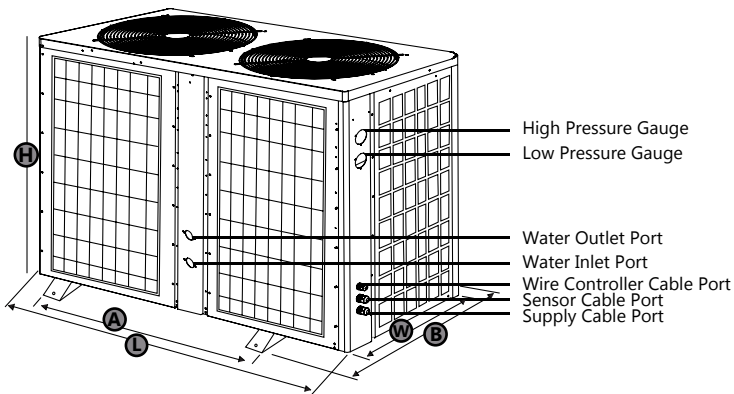
HGB-031-S / 31kW Output High Temperature Heat Pump



PRODUCT IMAGE



DIMENSIONAL DATA



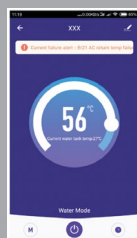
- A** Distance between supports - 755mm
- L** Length - 1450mm
- B** Width / Inc the supports- 708mm
- W** Width - 702mm
- H** Height - 1260mm

SPECIAL FEATURES

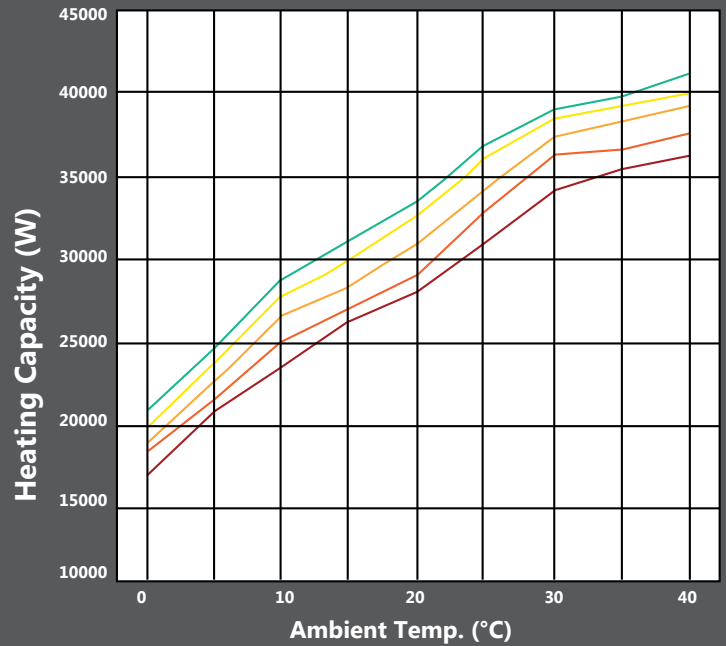
SMART LDC TOUCH SCREEN
CONTROLLER



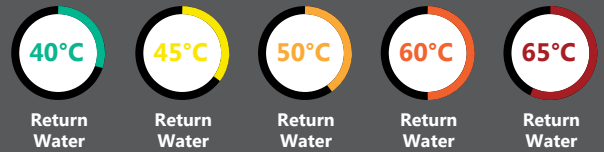
WI-FI ENABLED
CONNECT TO SMART APP VIA
YOUR MOBILE DEVICE



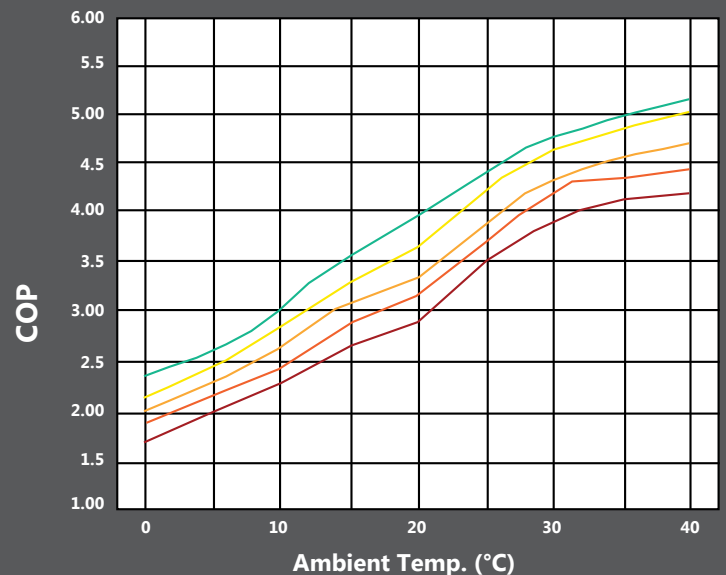
HEATING CAPACITY



MEASURING CONDITION: Dry/Wet bulb temp. 20°C/15°C ; water inlet/
outlet temp. 15°C/65°C



COEFFICIENT OF PERFORMANCE (COP)



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outlet temp. 15°C/65°C



HGB-031-S / 31kW Output High Temperature Heat Pump



OPERATIONAL DATA				
OPERATING DATA	Heating Capacity		kW	31
	Power	Power Supply	Ph-V-Hz	380V/3PH/50HZ
		Rated Input Consumption	kW	9
		Max Input Consumption	kW	13.50
		Rated Input Current	A	15.50
		Max Input Current	A	23.24
		Starting Current	A	73
		COP	W/W	3.44
	Max Water Temp Setpoint		°C	65
	Max Outlet Water Temp		°C	75
Hot Water Yield		L/h	533	
Recommended Water Flow		m³/h	6.7	
Working Temp (Ambient)		°C	2°C~43°C	

GENERAL & PARTS DATA					
GENERAL & PARTS DATA	Compressor	Model		ZW72KAE-TFP-52E	
		Type / Brand		Scroll / Copeland	
		Compressor Qty	PCS		2
		Locked Rotor Amp	A		58
		Thermal Protector			Inner
		Capacitor	µF		None
	Fan Motor	Model			YDK-160G-6 / HELONG
		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	Type			Copper Tube in Shell
		Qty	PCS		2
		Model / Brand			7P / Gimleo
	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
		Coil Length x Width x Height	mm		2 x 1082x44x1200
	Four-Way Valve	Number of Circuits			14
		Model / Brand			STF-0408G / Saginomiya
	Expansion Device	QTY			2
		Model / Brand			AAE4MC + Capillary / Emerson
	Wire Controller	Type			Thermostatic Expansion Valve
		Type			Intelligent Touch Screen
		Part Number			O01T0089
		The Length of Control Cable	m		12
	Water System	Set Temp.	°C		30~75
Materials of Water Pipe				Copper	
Water Flow		m³/h		6.7	
Water Pressure Differential		Kpa		55	
Water Inlet Connection Size		mm		DN40 / Female	
Refrigerant HP & LP Safety Cut-Out Pressure	Water Outlet Connection Size	mm		DN40 / Female	
			Mpa	2.85/0.02	
Refrigerant	Gas Type			(R134A)	
	Gas Weight	g		2 x 3700g	
Sound Pressure Level			dB(A)	61	
Dimensions	Dimension(L*W*H)	mm		1450x702x1260	
	Packing(L*W*H)	mm		1525x805x1420	
	NG/WG	kg		268/316	