

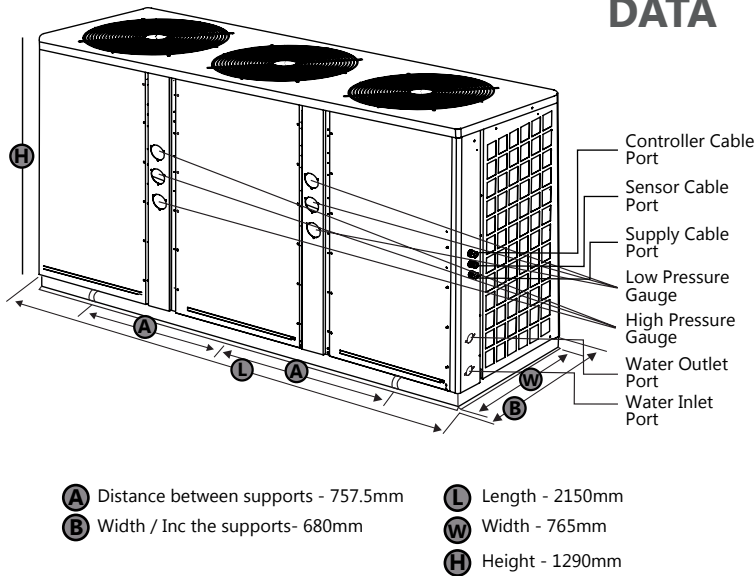
HGB-039-S / 39kW Output High Temperature Heat Pump



PRODUCT IMAGE



DIMENSIONAL DATA

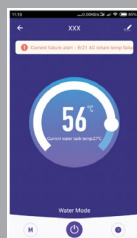


SPECIAL FEATURES

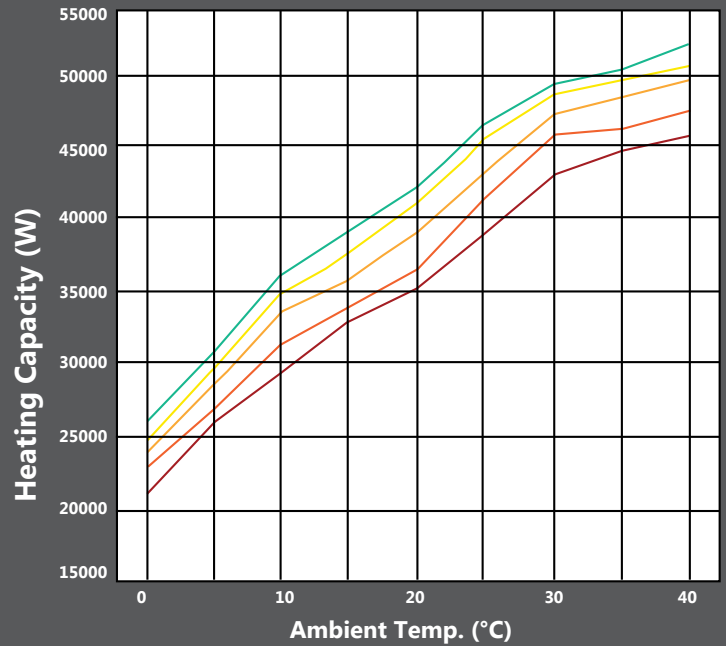
SMART LDC TOUCH SCREEN CONTROLLER



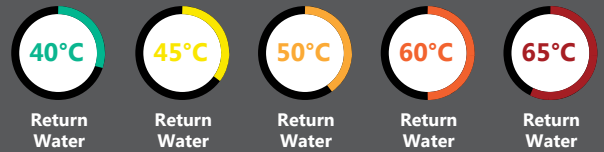
WI-FI ENABLED
CONNECT TO SMART APP VIA
YOUR MOBILE DEVICE



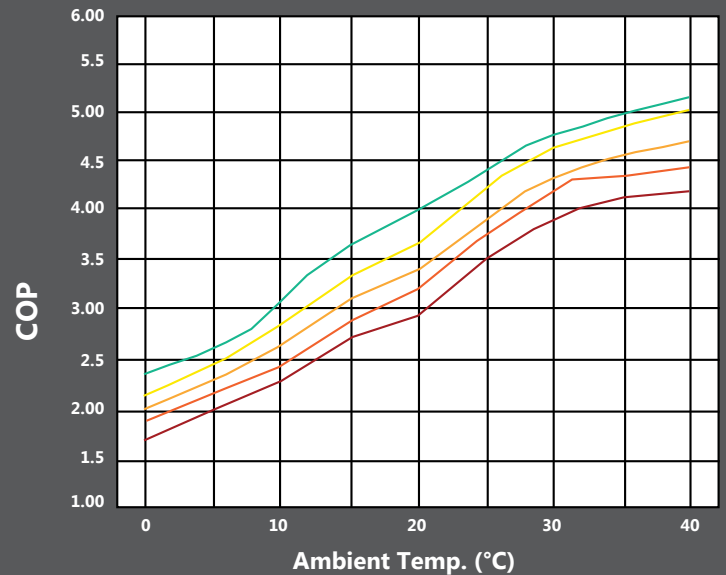
HEATING CAPACITY



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



COEFFICIENT OF PERFORMANCE (COP)



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



HGB-039-S / 39kW Output High Temperature Heat Pump



OPERATIONAL DATA				
OPERATING DATA	Heating Capacity		kW	39
	Power	Power Supply	Ph-V-Hz	380V/3PH/50HZ
		Rated Input Consumption	kW	11.2
		Max Input Consumption	kW	16.80
		Rated Input Current	A	19.28
		Max Input Current	A	28.93
		Starting Current	A	71
		COP	W/W	3.48
	Max Water Temp Setpoint		°C	65
	Max Outlet Water Temp		°C	75
Hot Water Yield		L/h	671	
Recommended Water Flow		m³/h	8.4	
Working Temp (Ambient)		°C	2°C~43°C	

GENERAL & PARTS DATA					
GENERAL & PARTS DATA	Compressor	Model		ZW61KAE-TFP-542	
		Type / Brand		Scroll / Copeland	
		Compressor Qty	PCS		3
		Locked Rotor Amp	A		52
		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		3
	Heat Exchanger	Type			Copper Tube in Shell
		Qty	PCS		3
		Model / Brand			6P / Gimleo
		Diameter of Copper Pipe	mm		19
	Evaporator	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		3 x 935x44x1200
		Number of Circuits			21
	Four-Way Valve	Model / Brand			STF-0408G / Saginomiya
		QTY			3
	Expansion Device	Model / Brand			AAE4MC / Emerson
		Type			Thermostatic Expansion Valve
	Wire Controller	Type			Intelligent Touch Screen
		Part Number			O01T0089
		The Length of Control Cable	m		12
		Set Temp.	°C		30~75
	Water System	Materials of Water Pipe			Copper
Water Flow		m³/h		8.4	
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		2.85/0.02	
Refrigerant	Gas Type			(R134A)	
	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	