

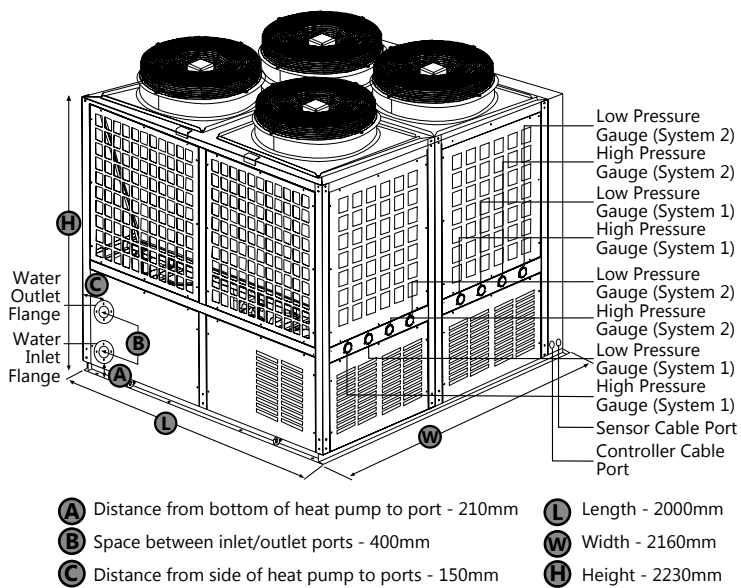
HGB-110-V / 110kW Output High Temperature Heat Pump



PRODUCT IMAGE



DIMENSIONAL DATA

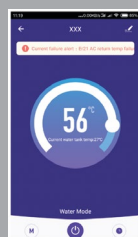


SPECIAL FEATURES

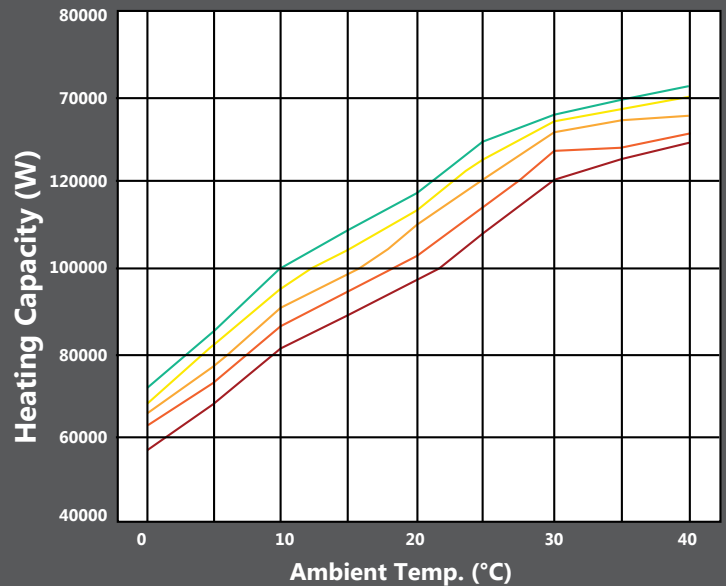
SMART LDC TOUCH SCREEN
CONTROLLER



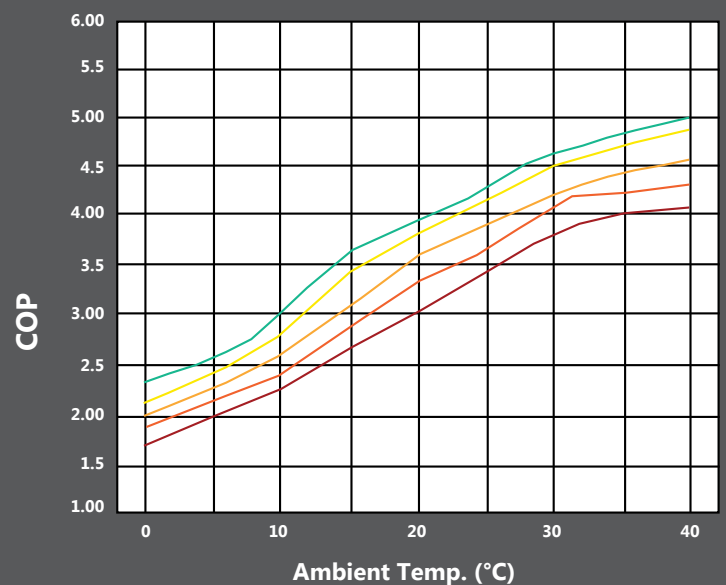
WI-FI ENABLED
CONNECT TO SMART APP VIA
YOUR MOBILE DEVICE



HEATING CAPACITY



COEFFICIENT OF PERFORMANCE (COP)



HGB-110-V / 110kW Output High Temperature Heat Pump



OPERATIONAL DATA				
OPERATING DATA	Heating Capacity		kW	110
	Power	Power Supply	Ph-V-Hz	380V/3PH/50HZ
		Rated Input Consumption	kW	31
		Max Input Consumption	kW	46.5
		Rated Input Current	A	53.37
		Max Input Current	A	80.06
		Starting Current	A	133
		COP	W/W	3.55
	Max Water Temp Setpoint		°C	70
	Max Outlet Water Temp		°C	75
Hot Water Yield		L/h	1880	
Recommended Water Flow		m³/h	18.9	
Working Temp (Ambient)		°C	-15°C~43°C	

GENERAL & PARTS DATA					
GENERAL & PARTS DATA	Compressor	Model		ZW125KAE-TFP-522	
		Type / Brand		Scroll / Copeland	
		Compressor Qty	PCS		4
		Locked Rotor Amp	A		80
		Thermal Protector			Inner
		Capacitor	µF		None
	Fan Motor	Model			YWF.A6T-630S-5DIA00 / DUNLI
		Input	W		850
		Capacitor	µF		/
		Speed	r/min		1350
		Diameter of Fans	mm		630
		Air Flow	m³/h		10800 (Per Fan)
		Fan Motor Qty	PCS		4
	Heat Exchanger	Type			Copper Tube in Shell
		Qty	PCS		4
		Model / Brand			12 / Tuoqiu
	Evaporator	Diameter of Copper Pipe	mm		25.4x2
		Number of Rows			2
		Tube Pitch(a)x Row Pitch(b)	mm		25x22
		Fin Spacing	mm		2.2
		Fin Type			Hydrophilic Aluminum
		Tube Outer Diameter & Type	mm		Ø9.52 Innergroove Tube
		Coil Length x Width x Height	mm		4 x 1740x44x900
	Four-Way Valve	Number of Circuits			9 x 4
		Model / Brand			STF-0712G / Saginomiya
	Expansion Device	QTY			4
		Model / Brand			TGEN-7 067N5157 / Danfoss
	Wire Controller	Type			Thermostatic Expansion Valve
		Part Number			Intelligent Touch Screen
		The Length of Control Cable	m		O01T0089
Water System	Set Temp.	°C		30~75	
	Materials of Water Pipe			Galvanized	
	Water Flow	m³/h		18.9	
	Water Pressure Differential	Kpa		65	
	Water Inlet Connection Size	mm		DN80 / Female	
Refrigerant HP & LP Safety Cut-Out Pressure	Water Outlet Connection Size	mm		DN80 / Female	
			Mpa	2.85/0.02	
Refrigerant	Gas Type			(R134A)	
	Gas Weight	g		4 x 6000g	
Sound Pressure Level				dB(A)	72
Dimensions	Dimension(L*W*H)	mm		2000x2160x2230	
	Packing(L*W*H)	mm		2090x2290x2360	
	NG/WG	kg		1020/1180	