

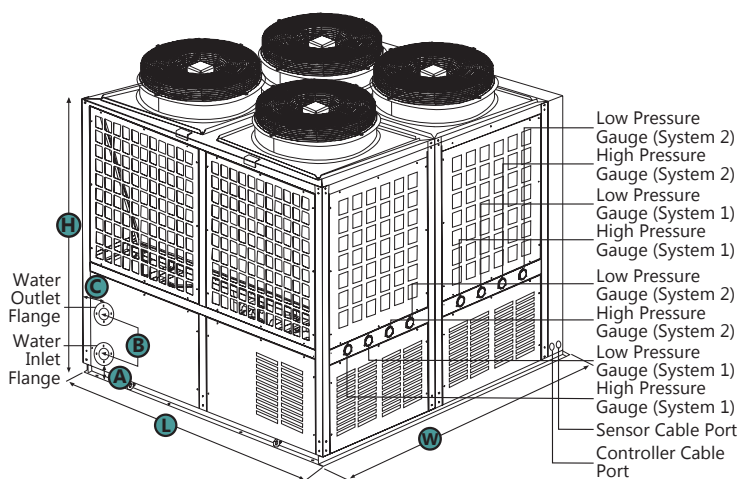
CGB-140-V / 140kW Output Constant Temperature Heat Pump



PRODUCT IMAGE



DIMENSIONAL DATA



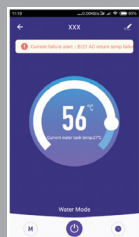
- A** Distance from bottom of heat pump to port - 210mm
- B** Space between inlet/outlet ports - 400mm
- C** Distance from side of heat pump to ports - 150mm
- L** Length - 2000mm
- W** Width - 2160mm
- H** Height - 2230mm

SPECIAL FEATURES

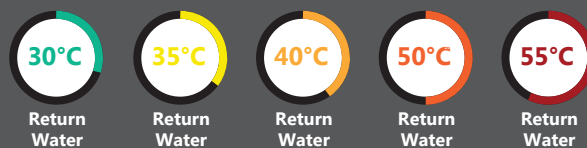
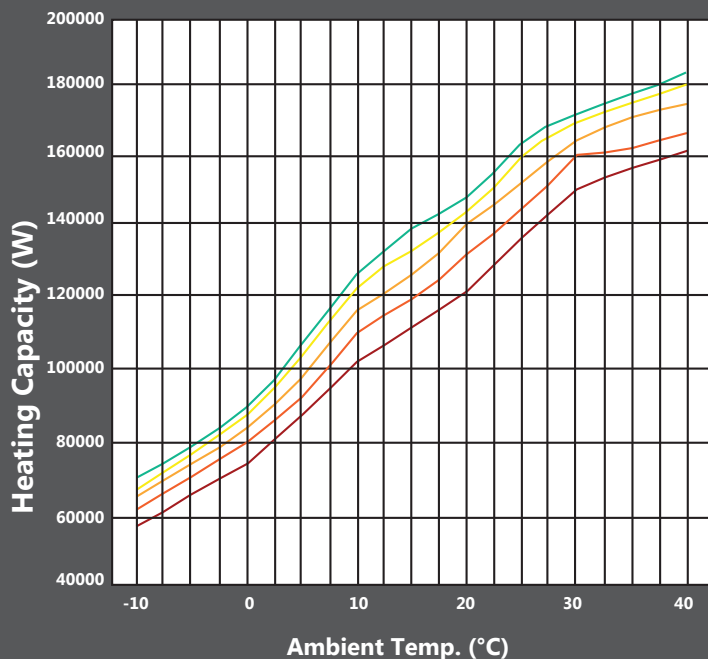
SMART LDC TOUCH SCREEN CONTROLLER



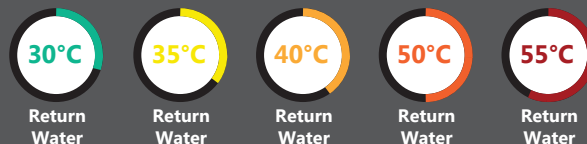
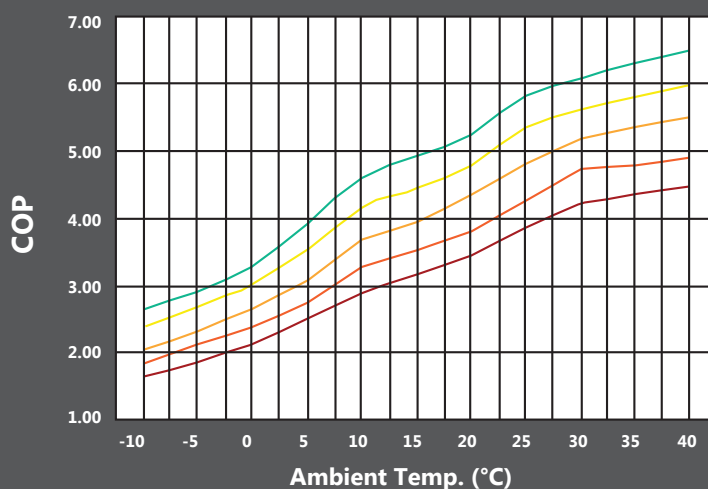
WI-FI ENABLED
CONNECT TO SMART APP VIA
YOUR MOBILE DEVICE



HEATING CAPACITY



COEFFICIENT OF PERFORMANCE (COP)



CGB-140-V / 140kW Output Constant Temperature Heat Pump



OPERATIONAL DATA				
OPERATING DATA	Heating Capacity		kW	140
	Power	Power Supply	Ph-V-Hz	380V/3PH/50HZ
		Rated Input Consumption	kW	34.6
		Max Input Consumption	kW	48.44
		Rated Input Current	A	61.92
		Max Input Current	A	86.68
		Starting Current	A	260
		COP	W/W	4.04
	Max Water Temp Setpoint		°C	65
	Max Outlet Water Temp		°C	65
Hot Water Yield		L/h	3010	
Recommended Water Flow		m³/h	24.1	
Working Temp (Ambient)		°C	-10°C~43°C	

GENERAL & PARTS DATA				
GENERAL & PARTS DATA	Compressor	Model		ZW125KA-TPF-522
		Type / Brand		Scroll / Copeland
		Compressor Qty	PCS	4
		Capacity	A	61.2
		Locked Rotor Amp	A	200
		Thermal Protector		Inner
		Capacitor	µF	None
	Fan Motor	Model		YWF.A6T-630S-5DIIS00 / DUNLI
		Input	W	500
		Capacitor	µF	None
		Speed	r/min	900
		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	2
		Model		12
		Diameter of Copper Pipe	mm	4 x 25.4
	Evaporator	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	2 x 1740x66x900
		Number of Circuits		4 x 9
	Four-Way Valve	Model / Brand		STF-0712G / Saginomiya
	AC Contactor	Model / Brand		3TF3400-0X/AC220V / Siemens
	Expansion Device	Type		Thermostatic Expansion Valve
	Wire Controller	Model / Brand		TGEL-11(067N2157) / Danfoss
		Type		Intelligent Touch Screen
		Part Number		O01T0089
		The Length of Control Cable	m	12
Water System	Set Temp.	°C	30~65	
	Materials of Water Pipe		Copper	
	Water Flow	m³/h	24.1	
	Water Pressure Differential	Kpa	60	
	Water Inlet Connection Size	mm	DN80 / Female	
Refrigerant HP & LP Safety Cut-Out Pressure	Water Outlet Connection Size	mm	DN80 / Female	
		Mpa	3.0/0.02	
Refrigerant	Gas Type		(R417A)	
	Gas Weight	g	4 x 6200g	
Sound Pressure Level		dB(A)	72	
Dimensions	Dimension(L*W*H)	mm	2000x2160x2230	
	Packing(L*W*H)	mm	2090x2350x2360	
	NG/WG	kg	1040/1120	