

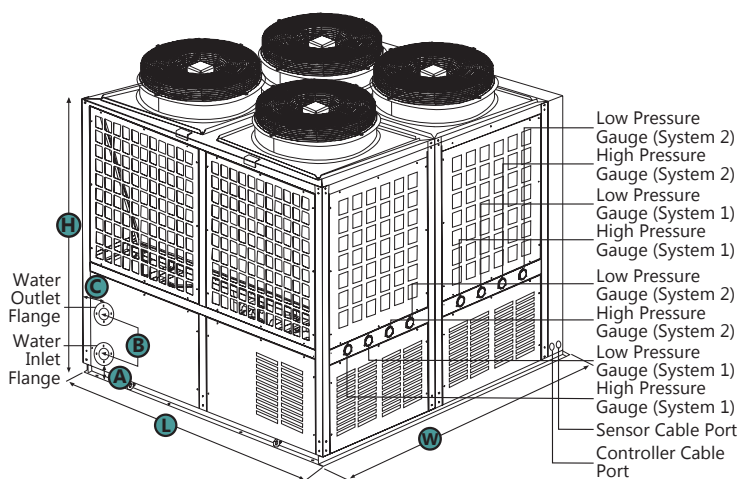
CGB-210-V / 210kW Output Constant Temperature Heat Pump



PRODUCT IMAGE



DIMENSIONAL DATA



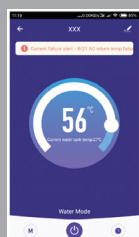
- A** Distance from bottom of heat pump to port - 210mm
- B** Space between inlet/outlet ports - 400mm
- C** Distance from side of heat pump to ports - 150mm
- L** Length - 2000mm
- W** Width - 2160mm
- H** Height - 2335mm

SPECIAL FEATURES

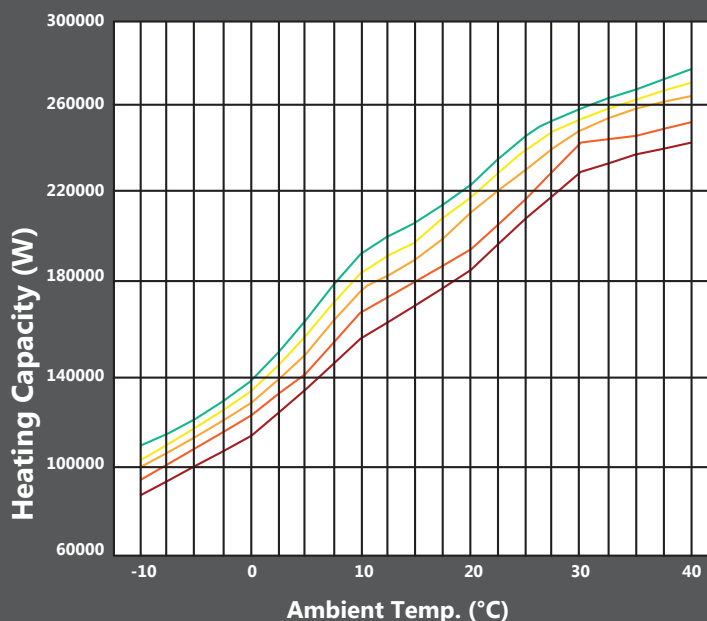
SMART LDC TOUCH SCREEN CONTROLLER



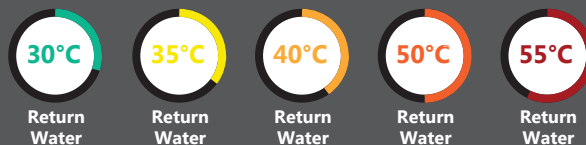
WI-FI ENABLED
CONNECT TO SMART APP VIA
YOUR MOBILE DEVICE



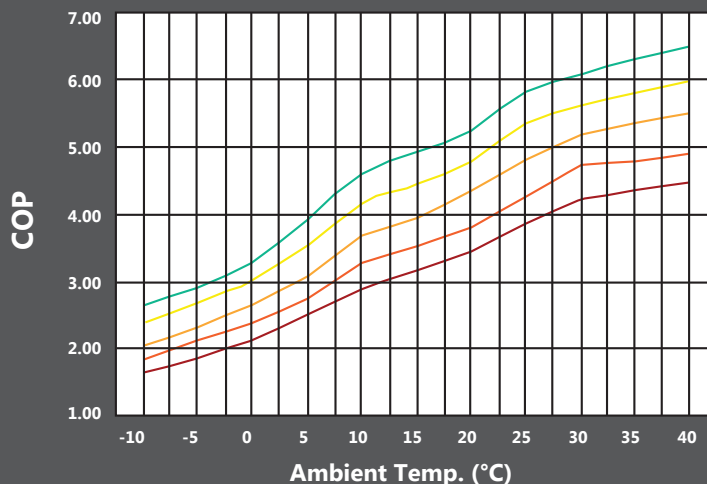
HEATING CAPACITY



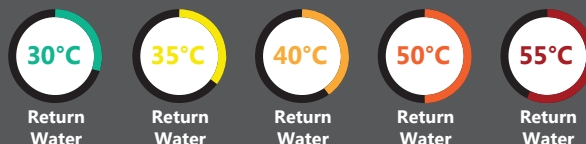
MEASURING CONDITION: Dry/Wet bulb temp. 20°C/15°C ; water inlet/outlet temp. 15°C/55°C



COEFFICIENT OF PERFORMANCE (COP)



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



CGB-210-V / 210kW Output Constant Temperature Heat Pump



OPERATIONAL DATA				
OPERATING DATA	Heating Capacity		kW	210
	Power	Power Supply	Ph-V-Hz	380V/3PH/50HZ
		Rated Input Consumption	kW	51.4
		Max Input Consumption	kW	71.96
		Rated Input Current	A	91.98
		Max Input Current	A	128.78
		Starting Current	A	400
		COP	W/W	4.08
	Max Water Temp Setpoint		°C	65
	Max Outlet Water Temp		°C	65
Hot Water Yield		L/h	4514	
Recommended Water Flow		m³/h	36.1	
Working Temp (Ambient)		°C	-10°C~43°C	

GENERAL & PARTS DATA					
GENERAL & PARTS DATA	Compressor	Model		VR190KS-TPF-522	
		Type / Brand		Scroll / Copeland	
		Compressor Qty	PCS		4
		Capacity	A		91.2
		Locked Rotor Amp	A		300
		Thermal Protector			Inner
		Capacitor	µF		None
	Fan Motor	Model			YWF.A6T-710S-7F1IIIS10 / DUNLI
		Input	W		1000
		Capacitor	µF		None
		Speed	r/min		900
		Diameter of Fans	mm		710
		Air Flow	m³/h		13500 (Per Fan)
		Fan Motor Qty	PCS		4
	Heat Exchanger	Type			Copper Tube in Shell
		Qty	PCS		2
		Model			15
		Diameter of Copper Pipe	mm		4 x 25.4
	Evaporator	Number of Rows			3
		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 1740x66x1000
		Number of Circuits			4 x 10
	Four-Way Valve	Model / Brand			STF-1511G / Saginomiya
	AC Contactor	Model / Brand			3TF3500-0X/AC220V / Siemens
	Expansion Device	Type			Thermostatic Expansion Valve
	Wire Controller	Model / Brand			TGEX-15(067N2161) / 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		36.1	
	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		2.8/0.02	
Refrigerant	Gas Type			(R417A)	
	Gas Weight	g		4 x 7200g	
Sound Pressure Level		dB(A)		73	
Dimensions	Dimension(L*W*H)	mm		2000x2160x2335	
	Packing(L*W*H)	mm		2100x2290x2460	
	NG/WG	kg		1040/1120	