

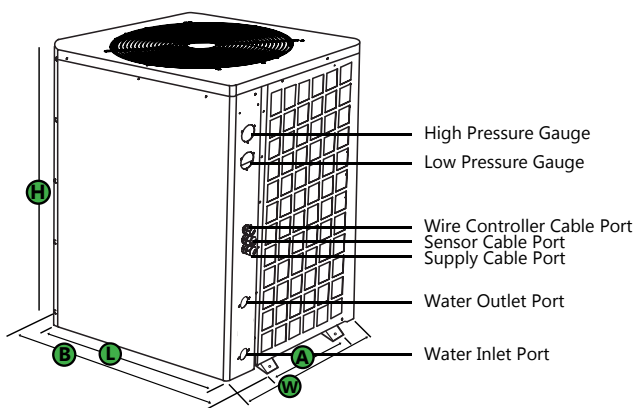
EGB-022-S / 22.0kW Output EVI Technology Heat Pump



PRODUCT IMAGE



DIMENSIONAL DATA



- A** Distance between supports - 470mm
- L** Length - 752mm
- B** Length / Inc the supports- 792mm
- W** Width - 690mm
- H** Height - 965mm

SPECIAL FEATURES

EVI (ENHANCED VAPOR INJECTION) COMPRESSOR

SMART LDC TOUCH SCREEN CONTROLLER

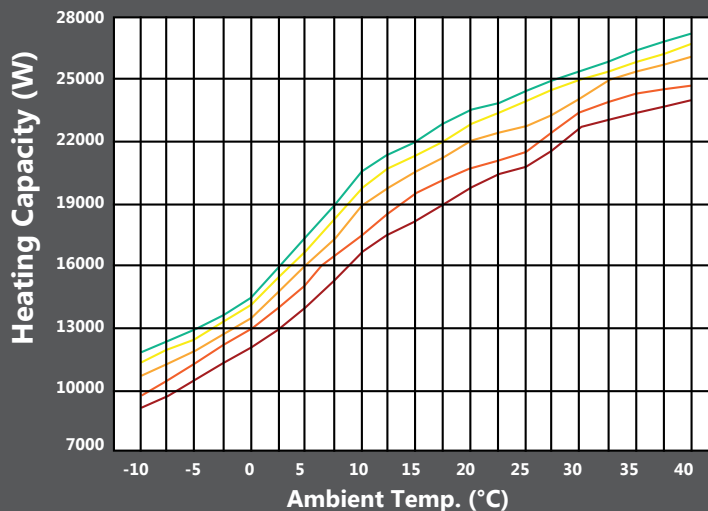


WI-FI ENABLED
CONNECT TO SMART APP VIA
YOUR MOBILE DEVICE

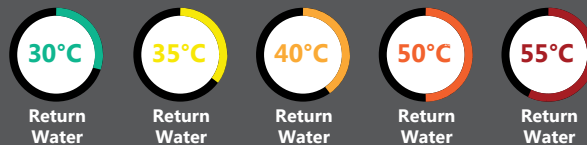


SPECIFICATION

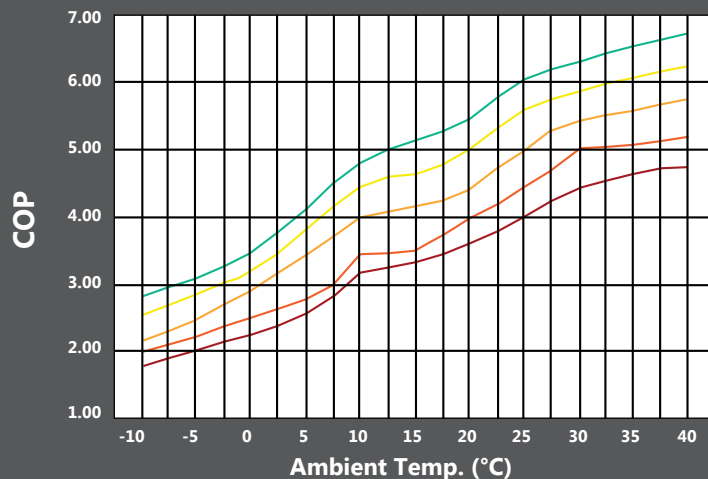
HEATING CAPACITY



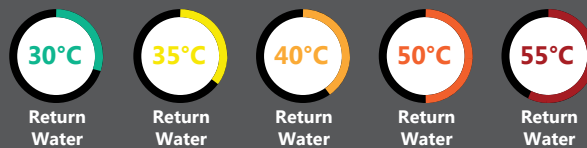
MEASURING CONDITION: Dry/Wet bulb temp. 20°C/15°C ; water inlet/outlet temp. 15°C/55°C



COEFFICIENT OF PERFORMANCE (COP)



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OPERATIONAL DATA				
OPERATING DATA	Heating Capacity		kW	22
	Power	Power Supply	Ph-V-Hz	380V/3PH/50HZ
		Rated Input Consumption	kW	4.98
		Max Input Consumption	kW	6.97
		Rated Input Current	A	8.84
		Max Input Current	A	13.97
		Starting Current	A	60
		COP	W/W	4.42
	Max Water Temp Setpoint		°C	60
	Max Outlet Water Temp		°C	65
Hot Water Yield		L/h	473	
Recommended Water Flow		m³/h	4.2	
Working Temp (Ambient)		°C	-17°C~43°C	

GENERAL & PARTS DATA				
GENERAL & PARTS DATA	Compressor	Model		YW135T1-V100
		Type / Brand		Scroll / INVOTECH
		Compressor Qty	PCS	1
		Rated Current	A	9.2
		Locked Rotor Amp	A	60
		Capacitor	µF	None
		Refrigerant Oil Type		POE
		Displacement	m³/h	14.5
		Discharge Tube Connection	OD	1/2"
		Suction Tube Connection	OD	7/8"
	Fan Motor	Model		YDK-160G-6
		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	1
	Heat Exchanger	Static Pressure	Pa	30
		Type		Copper Tube in Shell
	Evaporator	Qty	PCS	1
		Number of Rows		1
		Tube Pitch(a)x Row Pitch(b)		25x22
		Fin Spacing	mm	1.8
		Fin Type		Hydrophilic Aluminum
	Four-Way Valve	Tube Outer Diameter & Type	mm	Ø9.52 Innergroove Tube
		Model / Brand		STF-0408G / Saginomiya
	AC Contactor	Model / Brand		3TF3300-0X/AC220V/ Siemens
	Expansion Device	Type		Thermal Expansion Valve
		Model / Brand		BAE6ZW195 / Emerson
	Wire Controller	Type		Intelligent & LCD
The Length of Control Cable		m	12	
Water System	Set Temp.	°C	25~60	
	Materials of Water Pipe		Copper	
	Water Flow	m³/h	4.2	
	Water Pressure Differential	Kpa	50	
	Water Inlet Connection Size	mm	DN25 / Female	
Refrigerant HP & LP Safety Cut-Out Pressure	Water Outlet Connection Size	mm	DN25 / Female	
		Mpa	4.2/0.02	
Refrigerant	Gas Type		(R407C)	
	Gas Weight	g	3000	
Sound Pressure Level		dB(A)	57	
Dimensions	Dimension(L*W*H)	mm	752x690x965	
	Packing(L*W*H)	mm	840*750*1100	
	NG/WG	kg	119/137	