

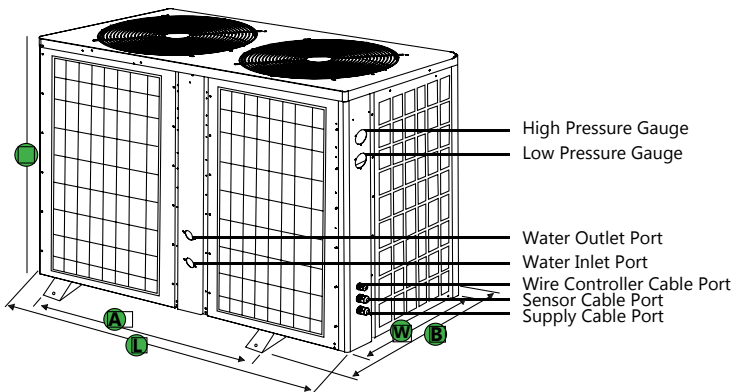
EGB-030-S / 30.0kW Output EVI Technology Heat Pump



PRODUCT IMAGE



DIMENSIONAL DATA



- A** Distance between supports - 755mm
- L** Length - 1450mm
- B** Width / Inc the supports- 742mm
- W** Width - 702mm
- H** Height - 950mm

SPECIAL FEATURES

EVI (ENHANCED VAPOR INJECTION) COMPRESSOR

SMART LDC TOUCH SCREEN CONTROLLER

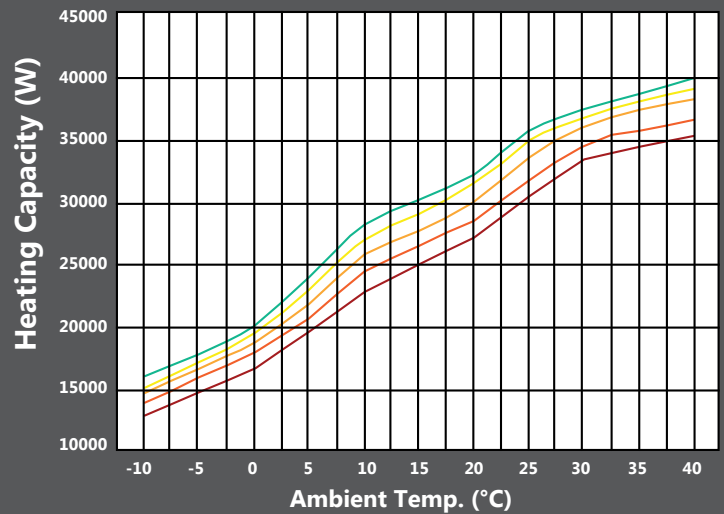


WI-FI ENABLED
CONNECT TO SMART APP VIA
YOUR MOBILE DEVICE

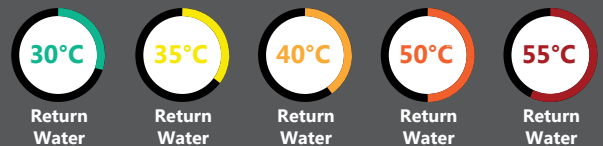


SPECIFICATION

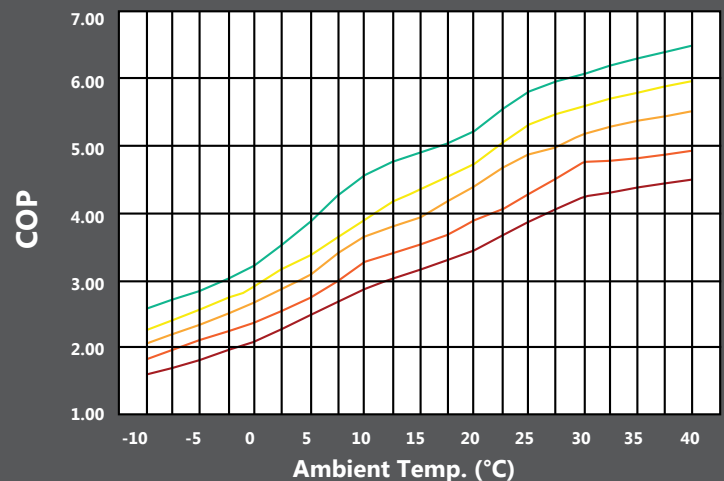
HEATING CAPACITY



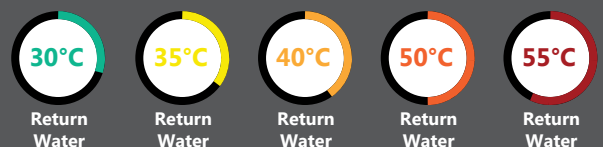
MEASURING CONDITION: Dry/Wet bulb temp. 20°C/15°C ; water inlet/ outlet temp. 15°C/55°C



COEFFICIENT OF PERFORMANCE (COP)



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OPERATIONAL DATA				
OPERATING DATA	Heating Capacity		kW	30
	Power	Power Supply	Ph-V-Hz	380V/3PH/50HZ
		Rated Input Consumption	kW	6.83
		Max Input Consumption	kW	10.5
		Rated Input Current	A	11.28
		Max Input Current	A	18
		Starting Current	A	70
		COP	W/W	4.39
	Max Water Temp Setpoint		°C	60
	Max Outlet Water Temp		°C	65
Hot Water Yield		L/h	645	
Recommended Water Flow		m³/h	7.0	
Working Temp (Ambient)		°C	-17°C~43°C	
GENERAL & PARTS DATA				
GENERAL & PARTS DATA	Compressor	Model		YW205T1-V100
		Type / Brand		Scroll / INVOTECH
		Compressor Qty	PCS	1
		Rated Current	A	13.5
		Locked Rotor Amp	A	117
		Capacitor	µF	None
		Refrigerant Oil Type		POE
		Displacement	m³/h	21.4
		Discharge Tube Connection	OD	7/8"
		Suction Tube Connection	OD	1 1/8"
	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	2
	Static Pressure	Pa	30	
	Heat Exchanger	Type		Copper Tube in Shell
		Qty	PCS	1
	Evaporator	Number of Rows		2
		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
	AC Contactor	Model / Brand		STF-0408G / Saginomiya
	Expansion Device	Model / Brand		3TF3300-0X/AC220V/ Siemens
		Type		Thermal Expansion Valve
	Wire Controller	Model / Brand		BAE4.5ZW195 / Emerson
		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	7.0	
Water Pressure Differential		Kpa	55	
Water Inlet Connection Size		mm	DN40 / Female	
Refrigerant HP & LP Safety Cut-Out Pressure	Water Outlet Connection Size	mm	DN40 / Female	
		Mpa	4.2/0.02	
Refrigerant	Gas Type		(R407C)	
	Gas Weight	g	5500g	
Sound Pressure Level		dB(A)	58	
Dimensions	Dimension(L*W*H)	mm	1450x702x950	
	Packing(L*W*H)	mm	1525*805*1110	
	NG/WG	kg	210/240	