

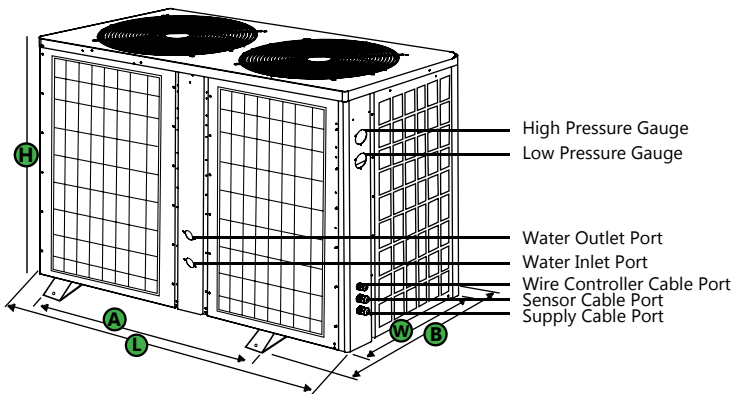
# EGB-044-S / 44.0kW Output EVI Technology Heat Pump



## PRODUCT IMAGE



## DIMENSIONAL DATA



- A** Distance between supports - 755mm
- L** Length - 1450mm
- B** Width / Inc the supports- 742mm
- W** Width - 702mm
- H** Height - 1060mm

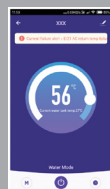
## SPECIAL FEATURES

EVI (ENHANCED VAPOR INJECTION) COMPRESSOR

SMART LDC TOUCH SCREEN CONTROLLER

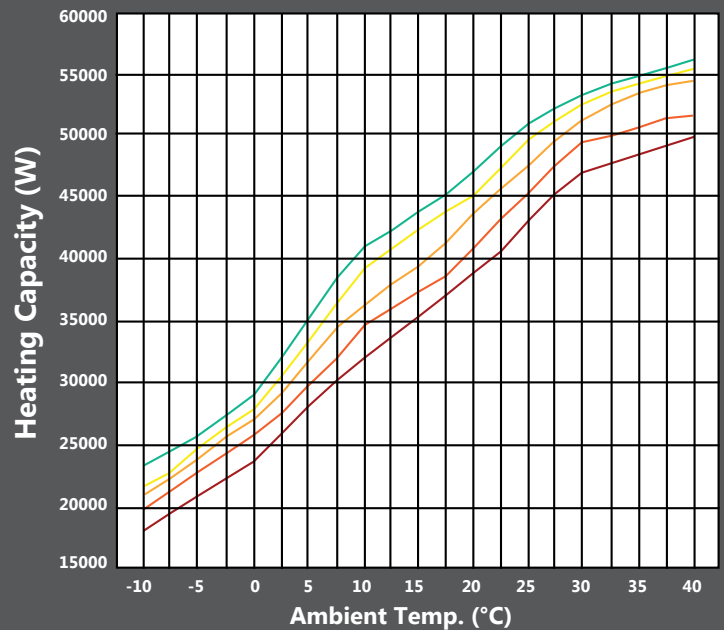


WI-FI ENABLED  
CONNECT TO SMART APP VIA  
YOUR MOBILE DEVICE

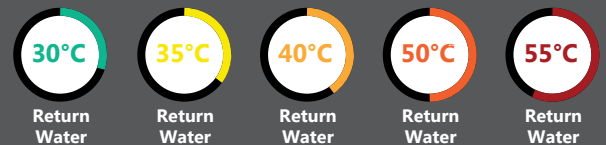


## SPECIFICATION

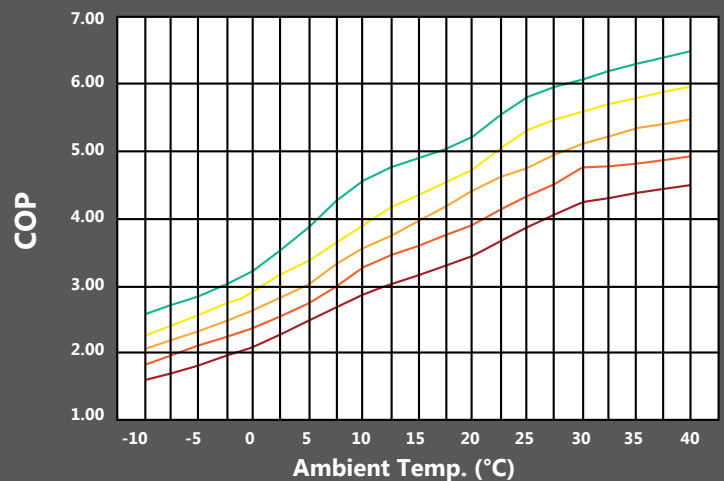
## HEATING CAPACITY



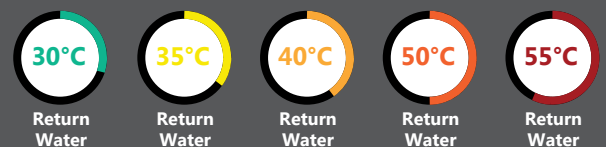
MEASURING CONDITION: Dry/Wet bulb temp. 20°C/15°C ; water inlet/outlet temp. 15°C/55°C



## COEFFICIENT OF PERFORMANCE (COP)



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



# EGB-044-S / 44.0kW Output EVI Technology Heat Pump



OPERATIONAL DATA				
OPERATING DATA	<b>Heating Capacity</b>		kW	44
	<b>Power</b>	Power Supply	Ph-V-Hz	380V/3PH/50HZ
		Rated Input Consumption	kW	9.97
		Max Input Consumption	kW	13.95
		Rated Input Current	A	16.46
		Max Input Current	A	29
		Starting Current	A	60
		COP	W/W	4.41
	<b>Max Water Temp Setpoint</b>		°C	60
	<b>Max Outlet Water Temp</b>		°C	65
<b>Hot Water Yield</b>		L/h	946	
<b>Recommended Water Flow</b>		m³/h	9.1	
<b>Working Temp (Ambient)</b>		°C	-17°C~43°C	

GENERAL & PARTS DATA				
GENERAL & PARTS DATA	<b>Compressor</b>	Model		YW135T1-V100
		Type / Brand		Scroll / INVOTECH
		Compressor Qty	PCS	2
		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"
	<b>Fan Motor</b>	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
	<b>Heat Exchanger</b>	Static Pressure	Pa	30
		Type		Copper Tube in Shell
	<b>Evaporator</b>	Qty	PCS	2
		Number of Rows		2
		Tube Pitch(a)x Row Pitch(b)		25x22
		Fin Spacing	mm	1.8
		Fin Type		Hydrophilic Aluminum
	<b>Four-Way Valve</b>	Tube Outer Diameter & Type	mm	Ø9.52 Innergroove Tube
		Model / Brand		STF-0408G / Saginomiya
	<b>AC Contactor</b>	Model / Brand		3TF3300-0X/AC220V/ Siemens
	<b>Expansion Device</b>	Type		Thermal Expansion Valve
		Model / Brand		BAE6ZW195 / Emerson
	<b>Wire Controller</b>	Type		Intelligent & LCD
The Length of Control Cable		m	12	
Set Temp.		°C	25~60	
<b>Water System</b>	Materials of Water Pipe		Copper	
	Water Flow	m³/h	9.1	
	Water Pressure Differential	Kpa	55	
	Water Inlet Connection Size	mm	DN40 / Female	
<b>Refrigerant HP &amp; LP Safety Cut-Out Pressure</b>	Water Outlet Connection Size	mm	DN40 / Female	
		Mpa	4.2/0.02	
<b>Refrigerant</b>	Gas Type		(R407C)	
	Gas Weight	g	2 x 3000g	
<b>Sound Pressure Level</b>		dB(A)	60	
<b>Dimensions</b>	Dimension(L*W*H)	mm	1450x702x1060	
	Packing(L*W*H)	mm	1525*805*1220	
	NG/WG	kg	249/294	