

Parameter High Temperature Heat Pump for hot water

ELECTRICAL /SETTING		
Voltage / Phase	380-415 / 3 Phase / 50 Hz	
Full Load Amps Per Phase	15 Amps	
Circuit CB Size	40 Amps	
Refrigerant	R134a	
Heating Set Point	75°C	60°C
Heating capacity	40.00 KW	45.00 KW
Power input	9.73 KW	9.47 KW
Max output @75°C	COP :4.11	COP: 4.75
@setting point : 75°C	Noise Level	64 dB @ 3 m
Modbus RTU- RS 485	Ambient operation range: -5°C to 45°C	
MOTION PARTS		
	Compressor	Fan
Make	Scroll Emerson	EBM
Type	Evi- High	PROPELLER
Number Per Unit	2	2
FLA (Full Load Amps)	5.2 Amps (each)	1.64Ams(each)
Voltage / Phase	415 / 3	380-415V/1
Pole/RPM/Air flow m3/hr	2 / 3,100	6/890/15000
HEAT EXCHANGER/CONTROLLER		
Water level switch control	Control Panel	Smart LCD
Type	100% Copper	Tube in Shell
Heat exchanger mabe by HAS	EDWARDS- Hanwest	Aqua System
Max input /output setting	75°C	80°C
Water Flow Rate (max/min)	@12m3/h	@8 m3/h
Water In/out temp.differ (ΔT)	4°K(set point 75°C)	5°K(set point 75°C)
Design Pressure Drop	80 k.P.a	80 k.P.a
Max. Operating Pressure	2460 k.P.a	2460 k.P.a
MATERIALS AND FITTINGS		
Water Connections	50 mm Copper	
Drain	20 mm copper	
Cabinet Construction	Powder coated steel -Grey	
Approx. shipping weight	300 kg	
Packing Size L x W x H	1503 mm x 920 mm x 1605mm	

MODEL : SEWH1200495G



High / Low Pressure Protection



Phase Protection



High Temperature Protection



Overload Protection



Reverse Phase Protection

