

Parameter High Temperature Heat Pump for hot water

ELECTRICAL INPUT		
Voltage / Phase	380-415 / 3 Phase / 50 Hz	
Full Load Amps Per Phase	25 Amps	
Circuit CB Size	60 Amps	
Refrigerant	R134a	
Ambient Temp	A@ 25°C	A@ 8°C
Nominal Heating capacity	75.00 KW	70.00 KW
Power input rating : 17.14KW	16.00 KW	16.50
Rating output: 72KW COP:4.20	COP :4.69	COP: 4.24
@setting 70°C	Noise Level	69 dB @ 3 m
Modbus Protocol RS 485	Ambient operation range: -5°C to 45°C	
TECHNICAL DATA	Compressor	Fan
Make	Copeland	EBM
Type	Evi- High	PROPELLER
Number Per Unit	2	2
FLA (Full Load Amps)	18.2 Amps	3.64Ams(each)
Voltage / Phase	415 / 3	380-415V/1
Pole/RPM/Air flow m3/hr	2 / 2,900	6/890/15000
HEAT EXCHANGER/CONTROLLER		
	Control Panel	Smart LCD
Type	100% Copper	EDWARD
Design	Tube in Shell	AUSTRALIA
Water Flow Min/Max	13m3/h	15m3/h
Min/Max. Outlet Water Temp	70°C	75°C
Design Temperature difference	3°K	3°K
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	Cold Painted Grey / anti-corrosive coatings	
Approx. shipping weight	400 kg	
Packing Size L x W x H	1703 mm x 900 mm x 1805mm	

MODEL :SE2000795WH

