

Parameter High Performance Heat Pump for hot water

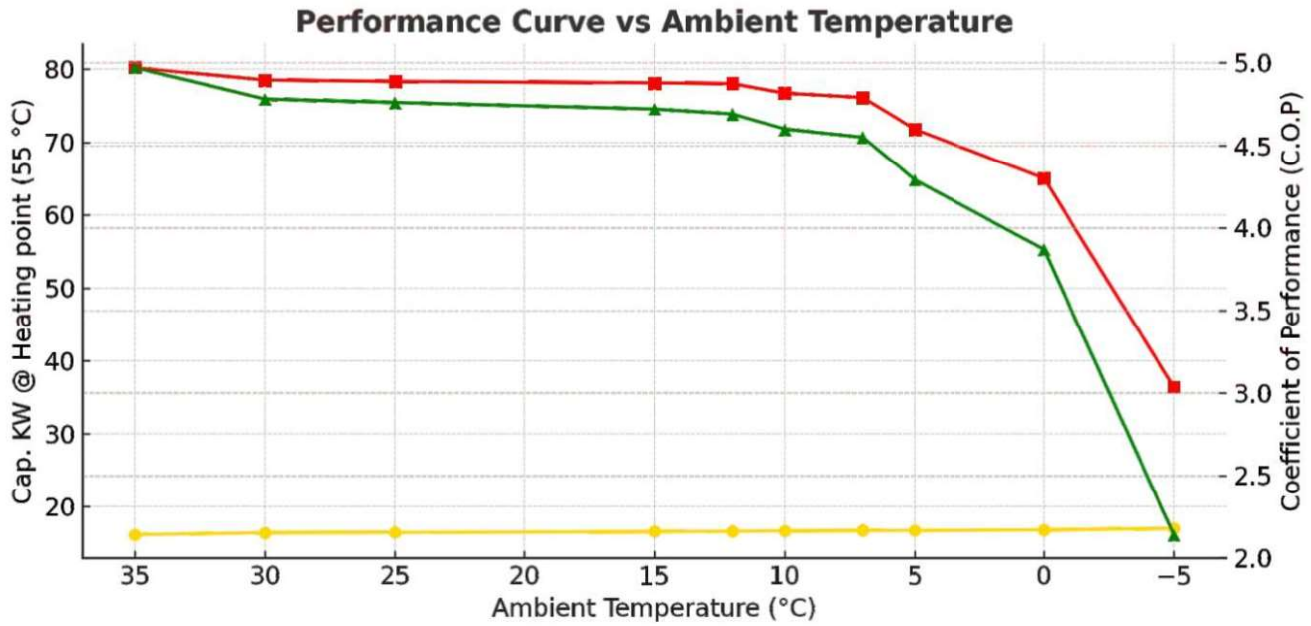
MODEL : SEAS2000795W

ELECTRICAL /HEATING		
Voltage / Phase	380-415 / 3 Phase / 50 Hz	
Full Load Amps Per Phase	35 Amps	
Circuit CB Size	55 Amps	
Refrigerant	R410a	
Heating Set Point	@A15°C	@A35°C
Heating capacity	78.10 Kw	80.20 Kw
Power input	16.62 Kw	16.15 Kw
Max output @55°C	COP :4.69	COP: 4.97
@setting point : 55°C	Noise Level	69 dB @ 3 m
Modbus RTU -RS 485	Ambient operation range: -5°C to 45°C	
MOTION PARTS		
	Compressor	Fan
Make	Scroll Emerson	EBM
Type	Hermetic	PROPELLER
Number Per Unit	2	2
FLA (Full Load Amps)	17.9 Amps	3.76Ams(each)
Voltage / Phase	415 / 3	380-415V/1
Pole/RPM/Air flow m3/hr	2 / 2,900	6/895/16000
HEAT EXCHANGER/CONTROLER		
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	55°C	60°C
Water Flow Rate (max/min)	@18m3/h	@8 m3/h
Water In/out temp.differ (ΔT)	4°K (set point 55°C)	5°K(set point 55°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 -White	
Approx. shipping weight	410 kg	
Packing Size L x W x H	1705 mm x 1008 mm x 1215mm	



Certified Product

Australian Standard



—●— Input Power (kW) —■— Heating Capacity (kW) @ 55°C —▲— C.O.P

Input Power (Kw)	16.15	16.42	16.45	16.56	16.62	16.67	16.71	16.73	16.80	17.00
Cap.KW @ Heating point (55 °C)	80.20	78.50	78.30	78.10	78.00	76.70	76.10	71.80	65.00	36.40
C.O.P	4.97	4.78	4.76	4.72	4.69	4.60	4.55	4.29	3.87	2.14
Ambient T°C	35	30	25	15	12	10	7	5	0	-5



Edwards HAS Tube
in Shell Heat Exchanger



Scroll Emerson
Hermetic compressor

