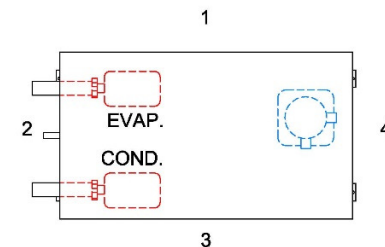
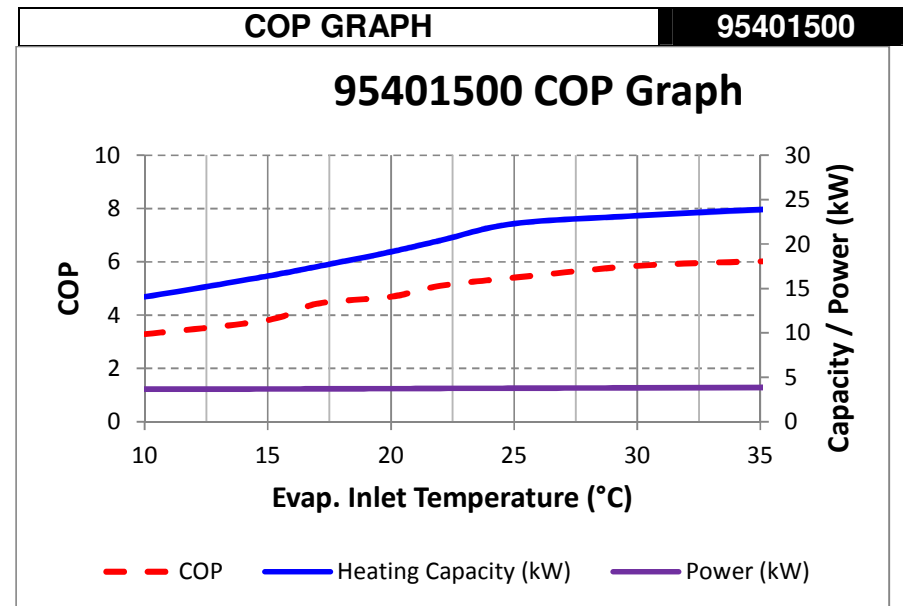


HOT WATER TO CHILLED HEAT PUMP SPECIFICATIONS		95401500
01/04/2019		
ELECTRICAL INPUT		
Voltage / Phase	415 / 3 Phase / 50 Hz	
Full Load Amps Per Phase	11.56 Amps	
Min. Circuit Size	20 Amps	
Refrigerant	R134a	
Condensing temp 51 °C	Evap 12°C / 7 °C @ 2°C SST	
	Heating	Cooling
Nominal capacity	14.99 kW	11.30 kW
Power input	3.69 kW	3.69 kW
COP	4.06	3.07
Noise Level	59 dBa @ 3 m	
Rated Load Amps @ 2°C SST / 51 °C SCT		8.26 Amps
TECHNICAL DATA.	Compressor	
Make	Copeland	
Type	Scroll 20014	
Number Per Unit	1	
FLA (Full Load Amps)	11.56 Amps	
Voltage / Phase	415 / 3	
Pole/RPM	2 / 2,900	
HEAT EXCHANGER (Water Side)		
	Hot side	Cold side
Type of Water Tube	Stainless steel	Stainless steel
Design	Plate – double wall	Plate – single wall
Flow Rate	1.1 L/s	1.1 L/s
Max. Outlet Water Temp	65°C	N/A
Design Pressure Drop	33 k.P.a	40 k.P.a
Max. Operating Pressure	2450 k.P.a	2450 k.P.a
GENERAL INFORMATION		
Water Connections	Male 1 ¼” BSP	
Drain	20mm PVC	
Cabinet Construction	1.2mm Stucco Aluminium	
Approx. shipping weight	100 kg	
Size L x W x H	1154 mm x 599 mm x 827 mm	



UNIT CLEARANCES		95401500
Direction	Description	Minimum Clearance Required
1	Back	0 mm
2	Side Access	850 mm
3	Front Access	850 mm
4	Side Access	0 mm
5	Top – Height Clearance	500 mm

Rating Conditions: Heating 39°C Water in, 45°C water out, 51 °C SCT, Cooling 12°C water in, 7°C water outlet, 2°C SST. Flow rates at 10°C SST & 51 °C SCT
 Minimum room volume for indoor installation: 5.6 m³



Manufactured In Australia by Rheem Thermal



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