

**01/04/2019**

**ELECTRICAL INPUT**

Voltage/Phase	380 - 415 Volts / 3 Phase / 50 Hz	
Full Load Amps Per Phase	27.94 Amps	
Min. Circuit Size	40 Amps	
Refrigerant	R134a	
Nominal Heating capacity	39.55 kW	
Power input	10.25 kW	
COP	3.86	
Noise Level	69 dBa @ 3 m	
Rated Load Amps @ 10°C SST / 51°C SCT	23.93 Amps	

**TECHNICAL DATA**

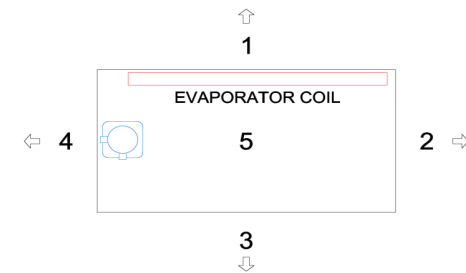
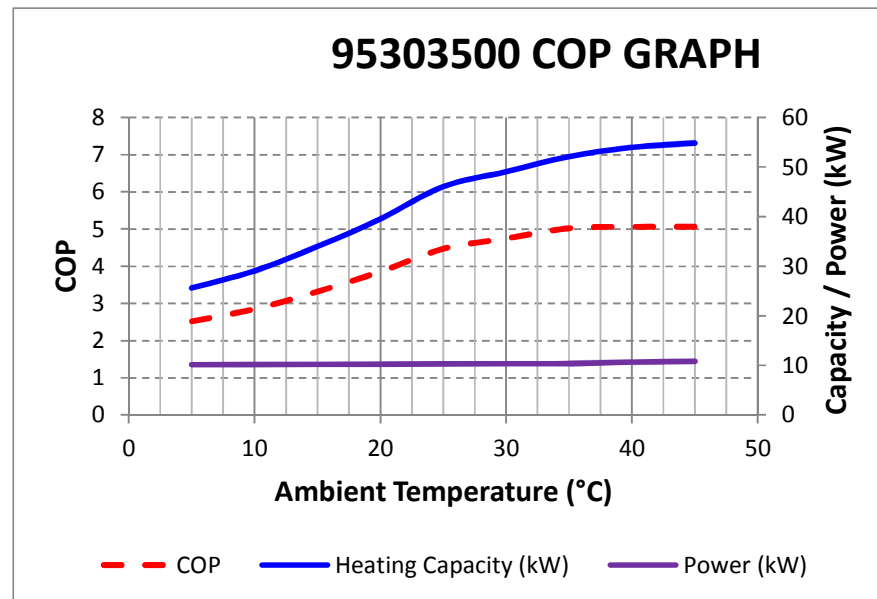
	Compressor	Fan
Make	Copeland	EBM-Papst
Type	Scroll 20056	Axial
Number Per Unit	1	2
FLA (Full Load Amps)	25.54 Amps	1.2 Amps (Each)
Voltage / Phase	380 - 415 / 3	380 - 415 / 3
Pole/RPM	2/2,900	6/890
Air Flow	N/A   5270 L/s @ 20 Pa external static	

**HEAT EXCHANGER (Water Side)**

Type of Water Tube	Stainless steel	
Design	Plate Vented	
Flow Rate Excl. By Pass	2.2 L/s	
Max. Outlet Water Temp	65°C	
Design Pressure Drop	40 kPa	
Max. Operating Pressure	2,450 kPa	

**GENERAL INFORMATION**

Water Connections	Male 2" BSP
Drain	20mm Aluminium
Defrost	Hot Gas Injection
Cabinet Construction	1.2mm Stucco Aluminium
Approx. shipping weight	300 kg
Size L x W x H	1805 x 807 x 1378 mm
Min ventilation per inlet and outlet	1.93 m <sup>2</sup>



**UNIT CLEARANCES** **95303500**

Direction	Description	Minimum Clearance Required
1	Evaporator Coil	1000mm
2	Water Connections	500mm
3	Plain Back	Nil
4	Compressor Access	850mm
5	Top – Fan Discharge	3500mm

When units placed side by side allow 2000mm clearance between evaporator coils.  
Rating Conditions: 20°C ambient, 60% RH, 39°C Water in, 45°C Water out.