

01/04/2019

ELECTRICAL INPUT

Voltage/Phase	380 - 415 Volts / 3 Phase / 50 Hz	
Full Load Amps Per Phase	30.5 Amps	
Min. Circuit Size	40 Amps	
Refrigerant	R134a	
Nominal Heating capacity	39.55 kW	
Power input	11.55 kW	
COP	3.42	
Noise Level	74 dBA @ 3 m	
Rated Load Amps @ 10°C SST / 51°C SCT	26.49 Amps	

TECHNICAL DATA

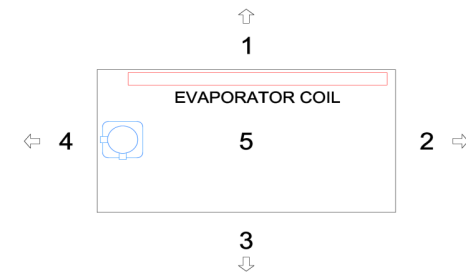
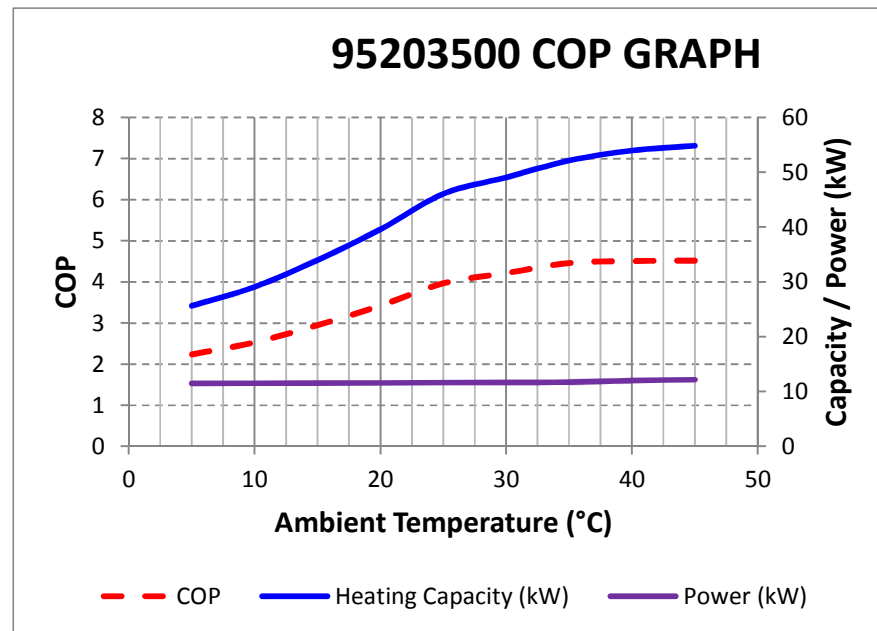
	Compressor	Fan
Make	Copeland	EBM-Papst
Type	Scroll 20056	Axial
Number Per Unit	1	2
FLA (Full Load Amps)	25.54 Amps	2.48 Amps (Each)
Voltage / Phase	380 - 415 / 3	380 - 415 / 3
Pole/RPM	2/2,900	4/1330
Air Flow	N/A	5830 L/s @ 100 Pa external static

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 ²



UNIT CLEARANCES		95203500
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.
 Minimum room volume for indoor installation 17.73 m³