

**23/05/2019**

**ELECTRICAL INPUT**

Voltage/Phase	380 - 415 Volts / 3 Phase / 50 Hz	
Full Load Amps Per Phase	15.22 Amps (inc pump)	
Min. Circuit Size	20 Amps	
Refrigerant	R134a	
Nominal Heating capacity	17.46 kW	
Power input	4.36 kW	
COP	4.0	
Noise Level	61 dBa @ 3 m	
Rated Load Amps @ 5°C SST / 51°C SCT	11.78 Amps	

**TECHNICAL DATA**

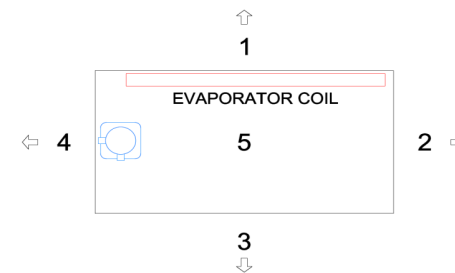
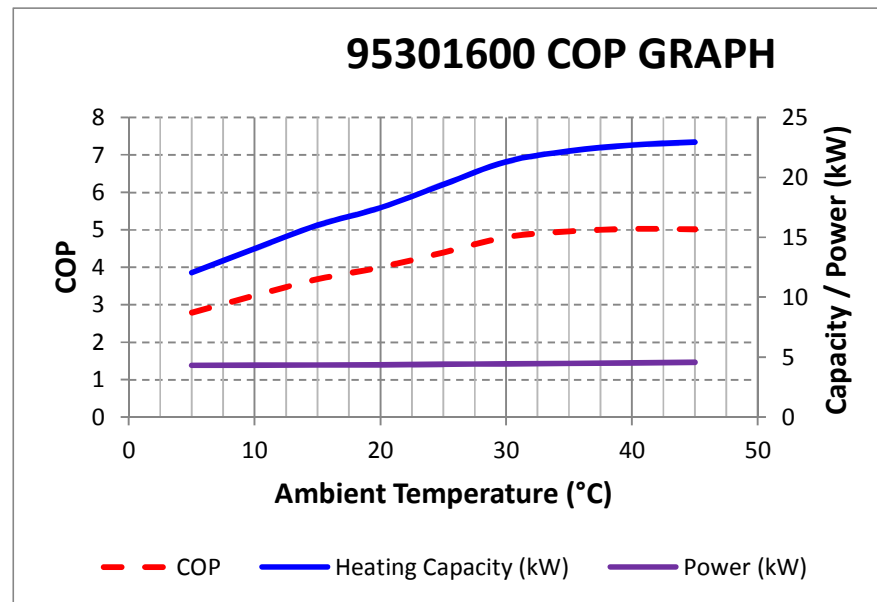
	Compressor	Fan
Make	Copeland	EBM-Papst
Type	Scroll 20014	Axial
Number Per Unit	1	2
FLA (Full Load Amps)	11.56 Amps	0.64 Amps (Each)
Voltage / Phase	380 - 415 / 3	380 - 415 / 3
Pole/RPM	2/2,900	6/890
Air Flow	N/A   1600 L/s @ 20 Pa external static	

**HEAT EXCHANGER (Water Side)**

Type of Water Tube	Stainless steel	
Design	Plate – double wall	
Flow Rate Excl. By Pass	1.1 L/s	
Max. Outlet Water Temp	65°C	
Design Pressure Drop	33 kPa	
Max. Operating Pressure	2,450 kPa	

**GENERAL INFORMATION**

Water Connections	Male 1 ¼" BSP
Drain	20mm PVC
Defrost	Hot Gas Injection
Cabinet Construction	1.2mm Stucco Aluminium
Approx. shipping weight	130 kg
Size L x W x H	1155 x 565 x 1011 mm
Min ventilation per inlet and outlet	1.0 m <sup>2</sup>



**UNIT CLEARANCES** **95301600**

Direction	Description	Minimum Clearance Required
1	Evaporator Coil	500mm
2	Water Connections	500mm
3	Plain Back	Nil
4	Compressor Access	850mm
5	Top – Fan Discharge	2500mm

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.