

01/04/2019

ELECTRICAL INPUT

Voltage/Phase	380 - 415 Volts / 3 Phase / 50 Hz	
Full Load Amps Per Phase	14.66 Amps	
Min. Circuit Size	20 Amps	
Refrigerant	R134a	
Nominal Heating capacity	17.46 kW	
Power input	4.77 kW	
COP	3.66	
Noise Level	69 dBa @ 3 m	
Rated Load Amps @ 5°C SST / 51°C SCT	11.4 Amps	

TECHNICAL DATA

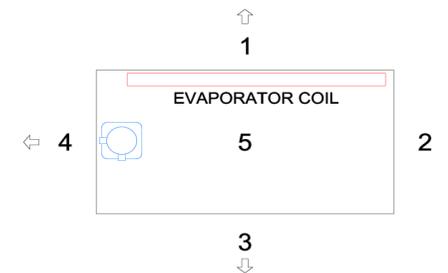
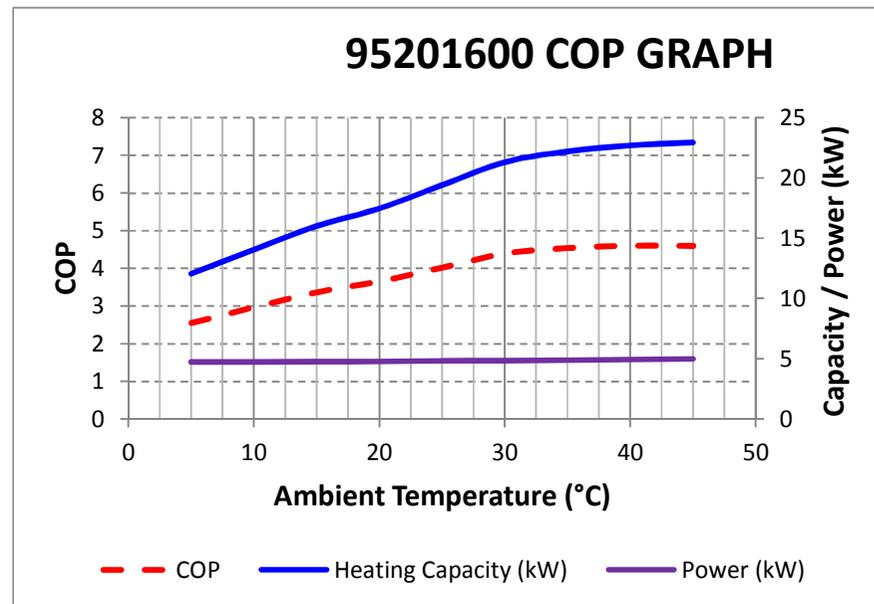
	Compressor	Fan
Make	Copeland	EBM-Papst
Type	Scroll 20014	Axial
Number Per Unit	1	2
FLA (Full Load Amps)	11.56 Amps	1.55 Amps (Each)
Voltage / Phase	380 - 415 / 3	380 - 415 / 3
Pole/RPM	2/2,900	4/1300
Air Flow	N/A 1600 L/s @ 80 Pa external static	

HEAT EXCHANGER (Water Side)

Type of Water Tube	Stainless steel	
Design	Plate Vented	
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 BSP 1 ¼"
Drain	20mm PVC
Defrost	Hot Gas Injection
Cabinet Construction	1.2mm Stucco Aluminium
Approx. shipping weight	130 kg
Size L x W x H	1157 x 567 x 1102 mm
Min ventilation per inlet and outlet	1.0 m ²



UNIT CLEARANCES		95201600
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.
 Minimum room volume for indoor application 7.5 m³