

<b>Customer :</b>		<b>Designer :</b>	
<b>Project :</b>		<b>Location :</b>	
<b>Ref./Tag :</b>			

## INPUT

Total Cooling Capacity	Inlet Water Temperature	Outlet Water Temperature	Ambient Temperature	Altitude
[TR]	[°F]	[°F]	[°F]	[ft]
191	54	44	105	0

Evaporator Fouling Factor	Power Supply	Refrigerant	Compressor Type
[ft <sup>2</sup> h°F/Btu]			
.0001	380V-3Ph-50Hz	R-134a	Semi Hermetic Screw

## OUTPUT

<b>Unit Model</b>	<b>ASC 200B</b>
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Chiller performance		
Cooling Capacity	[TR]	192.1
Compressor/Total Power Input	[kW]	250.7/275.9
Water Flowrate	[GPM]	461.1
Water Pressure Drop	[ft.wg]	14.9
Entering/Leaving Water Temp.	[°F]	54 / 44

Condenser Coil and Fan		
Coil Face Area	[ft <sup>2</sup> ]	240
Rows / Fins per Inch		4 / 12
Tube Diameter		3/8" (9.5 mm)
Fan Diameter	[Inch]	31.5
Fan Quantity		12
Total Fan Airflow	[CFM]	126,312

Compressor			
		Comp. 1	Comp. 2
Type		S.H. Screw	-
No. of Compressors		2	-
Locked Rotor Ampere (each)	[A]	443	-
Rated Load Ampere (each)	[A]	179.4	-
Circuit Breaker Poles (optional)		3	-
Circuit Breaker 1	[A]	135	-
Circuit Breaker 1 Quantity		4	-
Circuit Breaker 2	[A]	-	-
Circuit Breaker 2 Quantity		-	-

Crankcase Heater		
Supply Voltage	[V]	230
Total Capacity	[W]	600
Total Amperes	[A]	2.61

Condenser Fan Motor		
Fan FLA (each)	[A]	4.2
RPM	[RPM]	910
Total Fan Motor Power Input	[kW]	25.2
Total Fan Circuit Amperes	[A]	50.4
Circuit Breaker Quantity		6

Physical Data		
Length	[ft]	20.25
Width	[ft]	7.22
Height	[ft]	7.60
Shipping / Operating Weight	[lb]	13,430/13,964
Water in/out pipe dia.	[Inch]	6
No. of coolers		1

Electrical		
Supply Voltage (Nominal)	380/415V-3Ph-50Hz (4 wire)	
Minimum	[V]	342
Maximum	[V]	457
Minimum Circuit Ampacity	[A]	454
Max. Over Current Protection	[A]	633

Sound Data		
Sound Pressure Level	[dBA @ 10 Ft]	76

ARI Rating	
Ratings outside of the scope of ARI Standard 550/590	

