



Unit Tag	Qty	Model No	Net Cooling	Nominal Voltage	Refrigerant Type
TCA125TSARH	1	TCA125TSARH	126.30	460-3-60.0	R410A

Evaporator Data		Evaporator Data (Cont.)		Performance Data	
EWT (°F)	54.00	Fluid Volume (USGAL)	13.210	EER (Btu/W·h)	10.13
LWT (°F)	44.00	Min. Flow Rate (USGPM)	138.10	IPLV.IP (Btu/W·h)	18.22
Design Flow Rate (USGPM)	301.5	Max. Flow Rate (USGPM)	525.1		
Evap. Press. Drop (ft H2O)	12.60				
Fluid	Water	<b>Condenser Data</b>		<b>Physical Data</b>	
Strainer Press. Drop (ft H2O)	2.34	Ambient Temp. Design (°F)	95.0	Rigging Wt. (lb)	7083
Ext. Kit Press. Drop (ft H2O)	5.42	Altitude (ft)	0.000	Operating Wt. (lb)	7194
Total Press. Drop (ft H2O)	20.4	Compressor Type	Scroll - Hermetic	Refrigerant Charge (lb)	141.5
Fouling Factor (h.ft².F/Btu)	0.000100				

Electrical Data				
Circuit	1	2	3	4
Compressor RLA	41 / 41 / 41	53 / 53		
Fan QTY/FLA (each)	4 / 4	4 / 4		
High LRA Current	212 / 212 / 212	316 / 316		

Single Point				
Min. Circuit Ampacity	278			
Recommended Fuse/CB Rating	300			
Max. Inverse Time CB Rating	300			
Max. Dual Element Fuse Size (A)	300			
Unit Short Circuit Withstand (STD)	5 [kA]			<b>Operating Condition Electrical Data</b>
Wires Per Phase	1 + 2			Compressor kW
Wire Range (Lug Size)	250 kcmil - 500 kcmil + #3/0			Total Fan kW
Starter Type	Across The Line			Total kW
				136.2
				13.44
				149.6

Notes:

Performance at AHRI Conditions					
Evaporator Data		Condenser Data		Performance Data	
EWT (°F)	54.00	Ambient Temp. (°F)	95.0	EER (Btu/W·h)	10.13
LWT (°F)	44.00	Altitude (ft)	0.000	IPLV.IP (Btu/W·h)	18.22
Flow Rate (USGPM)	301.5			Net Cooling Capacity	126.30
Pressure Drop (ft H2O)	12.60				
Fluid	Water				
Fouling Factor (h.ft².F/Btu)	0.000100				
Fluid Volume (USGAL)	13.21				

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