



Unit Tag	Qty	Model No	Net Cooling	Nominal Voltage	Refrigerant Type
TCA60TSARH	1	TCA60TSARH	62.29	460-3-60.0	R410A

Evaporator Data		Evaporator Data (Cont.)		Performance Data	
EWT (°F)	54.00	Fluid Volume (USGAL)	5.389	EER (Btu/W·h)	10.39
LWT (°F)	44.00	Min. Flow Rate (USGPM)	60.23	IPLV.IP (Btu/W·h)	17.71
Design Flow Rate (USGPM)	148.7	Max. Flow Rate (USGPM)	324.9		
Evap. Press. Drop (ft H2O)	8.66				
Fluid	Water	<b>Condenser Data</b>		<b>Physical Data</b>	
Strainer Press. Drop (ft H2O)	2.18	Ambient Temp. Design (°F)	95.0	Rigging Wt. (lb)	4173
Ext. Kit Press. Drop (ft H2O)	1.31	Altitude (ft)	0.000	Operating Wt. (lb)	4220
Total Press. Drop (ft H2O)	12.1	Compressor Type	Scroll - Hermetic	Refrigerant Charge (lb)	75.8
Fouling Factor (h.ft².F/Btu)	0.000100				

Electrical Data				
Circuit	1	2	3	4
Compressor RLA	24 / 24 / 24	27 / 27		
Fan QTY/FLA (each)	2 / 4	2 / 4		
High LRA Current	145 / 145 / 145	180 / 180		

Single Point				
Min. Circuit Ampacity	154			
Recommended Fuse/CB Rating	175			
Max. Inverse Time CB Rating	175			
Max. Dual Element Fuse Size (A)	175			
Unit Short Circuit Withstand (STD)	5 [kA]		<b>Operating Condition Electrical Data</b>	
Wires Per Phase	1		Compressor kW	65.21
Wire Range (Lug Size)	#4 AWG - 300 kcmil		Total Fan kW	6.720
Starter Type	Across The Line		Total kW	71.93

Notes:

Performance at AHRI Conditions					
Evaporator Data		Condenser Data		Performance Data	
EWT (°F)	54.00	Ambient Temp. (°F)	95.0	EER (Btu/W·h)	10.39
LWT (°F)	44.00	Altitude (ft)	0.000	IPLV.IP (Btu/W·h)	17.71
Flow Rate (USGPM)	148.7			Net Cooling Capacity	62.29
Pressure Drop (ft H2O)	8.66				
Fluid	Water				
Fouling Factor (h.ft².F/Btu)	0.000100				
Fluid Volume (USGAL)	5.389				

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