



Unit Tag	Qty	Model No	Net Cooling	Nominal Voltage	Refrigerant Type
TCA95TSARH	1	TCA95TSARH	96.49	460-3-60.0	R410A

Evaporator Data		Evaporator Data (Cont.)		Performance Data	
EWT (°F)	54.00	Fluid Volume (USGAL)	8.771	EER (Btu/W·h)	10.15
LWT (°F)	44.00	Min. Flow Rate (USGPM)	99.86	IPLV.IP (Btu/W·h)	17.71
Design Flow Rate (USGPM)	230.3	Max. Flow Rate (USGPM)	400.1		
Evap. Press. Drop (ft H2O)	9.14				
Fluid	Water	<b>Condenser Data</b>		<b>Physical Data</b>	
Strainer Press. Drop (ft H2O)	5.09	Ambient Temp. Design (°F)	95.0	Rigging Wt. (lb)	5511
Ext. Kit Press. Drop (ft H2O)	2.85	Altitude (ft)	0.000	Operating Wt. (lb)	5598
Total Press. Drop (ft H2O)	17.1	Compressor Type	Scroll - Hermetic	Refrigerant Charge (lb)	101.9
Fouling Factor (h.ft².F/Btu)	0.000100				

Electrical Data				
Circuit	1	2	3	4
Compressor RLA	27 / 27 / 27	53 / 53		
Fan QTY/FLA (each)	2 / 4	4-Mar		
High LRA Current	180 / 180 / 180	316 / 316		

Single Point				
Min. Circuit Ampacity	225			
Recommended Fuse/CB Rating	250			
Max. Inverse Time CB Rating	250			
Max. Dual Element Fuse Size (A)	250			
Unit Short Circuit Withstand (STD)	5 [kA]		<b>Operating Condition Electrical Data</b>	
Wires Per Phase	2 + 1		Compressor kW	110.8
Wire Range (Lug Size)	#3/0 AWG - 250 kcmil +		Total Fan kW	8.40
Starter Type	Across The Line		Total kW	119.2

Notes:

Performance at AHRI Conditions					
Evaporator Data		Condenser Data		Performance Data	
EWT (°F)	54.00	Ambient Temp. (°F)	95.0	EER (Btu/W·h)	10.15
LWT (°F)	44.00	Altitude (ft)	0.000	IPLV.IP (Btu/W·h)	17.71
Flow Rate (USGPM)	230.3			Net Cooling Capacity	96.49
Pressure Drop (ft H2O)	9.14				
Fluid	Water				
Fouling Factor (h.ft².F/Btu)	0.000100				
Fluid Volume (USGAL)	8.771				

<https://tricleanair.com/techsheets/>