



Unit Tag	Qty	Model No	Net Cooling	Nominal Voltage	Refrigerant Type
TCA5TSARH2401P	1	TCA5TSARH2401P	5.00	240-1-60.0	R410A

Evaporator Data		Heat Recovery Data		Performance Data	
EWT (°F)	54.00	EWT (°F)	104.00	EER (Btu/W-h)	10.12
LWT (°F)	44.00	LWT (°F)	113.00		
Design Flow Rate (USGPM)	13.64	Design Flow Rate (USGPM)	12.70		
Evap. Press. Drop (KPa)	37.00	Total Press. Drop (KPa)	37		
Fluid	Water	Condenser Data		Physical Data	
Strainer Press. Drop (ft H2O)	0.925	Ambient Temp. Design (°F)	95.0	Rigging Wt. (lb)	500
Ext. Kit Press. Drop (ft H2O)	0.567	Altitude (ft)	0.000	Operating Wt. (lb)	507
Total Press. Drop (ft H2O)	38.49	Compressor Type	Scroll - Hermetic	Refrigerant Charge (lb)	8.8
Fouling Factor (h.ft².F/Btu)	0.000100				

Electrical Data				
Circuit	1	2	3	4
Compressor RLA	30 / 30			
Fan QTY/FLA (each)	1 / 4			
High LRA Current	75 / 75			

Single Point				
Min. Circuit Ampacity	30			
Recommended Fuse/CB Rating	30			
Max. Inverse Time CB Rating	30			
Max. Dual Element Fuse Size (A)	30			
Unit Short Circuit Withstand (STD)	15 [kA]			
Wires Per Phase	1			
Wire Range (Lug Size)	#1 AWG			
Starter Type	Across The Line			
Operating Condition Electrical Data				
		Compressor kW		6.30
		Total Fan kW		1.20
		Total kW		7.50

Notes:

Performance at AHRI Conditions					
Evaporator Data		Condenser Data		Performance Data	
EWT (°F)	54.00	Ambient Temp. (°F)	95.0	EER (Btu/W-h)	10.12
LWT (°F)	44.00	Altitude (ft)	0.000		
Flow Rate (USGPM)	13.64			Net Cooling Capacity	5.00
Pressure Drop (ft H2O)	37.00				
Fluid	Water				
Fouling Factor (h.ft².F/Btu)	0.000100				
Fluid Volume (USGAL)	2.570				

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