



Unit Tag	Qty	Model No	Net Cooling	Nominal Voltage	Refrigerant Type
TCA110TSARH4603P	1	TCA110TSARH4603P	116.22	460-3-60.0	R407C

Evaporator Data		Heat Recovery Data		Performance Data	
EWT (°F)	54.00	EWT (°F)	104.00	EER (Btu/W-h)	10.93
LWT (°F)	44.00	LWT (°F)	113.00	IPLV.IP (Btu/W-h)	18.56
Design Flow Rate (USGPM)	290.00	Design Flow Rate (USGPM)	371.00		
Evap. Press. Drop (ft H2O)	23.40	Total Press. Drop (ft H2O)	23.4		
Fluid	Water	Condenser Data		Physical Data	
Strainer Press. Drop (ft H2O)	0.925	Ambient Temp. Design (°F)	95.0	Rigging Wt. (lb)	12566
Ext. Kit Press. Drop (ft H2O)	0.567	Altitude (ft)	0	Operating Wt. (lb)	12794
Total Press. Drop (ft H2O)	24.89	Compressor Type	Screw - Hermetic	Refrigerant Charge (lb)	358
Fouling Factor (h.ft <sup>2</sup> .F/Btu)	0.000100				

Electrical Data				
Circuit	1	2	3	4
Compressor RLA	150			
Fan QTY/FLA (each)	10 / 2			
High LRA Current	160			

Single Point				
Min. Circuit Ampacity	190			
Recommended Fuse/CB Rating	240			
Max. Inverse Time CB Rating	200			
Max. Dual Element Fuse Size (A)	240			
Unit Short Circuit Withstand (STD)	5 [kA]		Operating Condition Electrical Data	
Wires Per Phase	1		Compressor kW	116.60
Wire Range (Lug Size)	3/0 AWG		Total Fan kW	11.00
Starter Type	Across The Line		Total kW	127.60

Notes:

Performance at AHRI Conditions					
Evaporator Data		Condenser Data		Performance Data	
EWT (°F)	54.00	Ambient Temp. (°F)	95.0	EER (Btu/W-h)	10.93
LWT (°F)	44.00	Altitude (ft)	0	IPLV.IP (Btu/W-h)	18.56
Flow Rate (USGPM)	290.00			Net Cooling Capacity	109.21
Pressure Drop (ft H2O)	23.40				
Fluid	Water				
Fouling Factor (h.ft <sup>2</sup> .F/Btu)	0.000100				
Fluid Volume (USGAL)	12.60				

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