



Unit Tag	Qty	Model No	Net Cooling	Nominal Voltage	Refrigerant Type
TCA60TSARH4603P	1	TCA60TSARH4603P	60.41	460-3-60.0	R410A

Evaporator Data		Heat Recovery Data		Performance Data	
EWT (°F)	54.00	EWT (°F)	104.00	EER (Btu/W·h)	11.67
LWT (°F)	44.00	LWT (°F)	113.00	IPLV.IP (Btu/W·h)	18.56
Design Flow Rate (USGPM)	132.70	Design Flow Rate (USGPM)	128.30		
Evap. Press. Drop (ft H2O)	23.40	Total Press. Drop (ft H2O)	23.40		
Fluid	Water	Condenser Data		Physical Data	
Strainer Press. Drop (ft H2O)	0.925	Ambient Temp. Design (°F)	95.0	Rigging Wt. (lb)	4400
Ext. Kit Press. Drop (ft H2O)	0.567	Altitude (ft)	0.000	Operating Wt. (lb)	5280
Total Press. Drop (ft H2O)	14.87	Compressor Type	Scroll - Hermetic	Refrigerant Charge (lb)	29.9
Fouling Factor (h.ft².F/Btu)	0.000100				

Electrical Data				
Circuit	1	2	3	4
Compressor RLA	17 / 17	17 / 17	17 / 17	17 / 17
Fan QTY/FLA (each)	1 / 4	1 / 4	1 / 4	1 / 4
High LRA Current	75 / 75	75 / 75	75 / 75	75 / 75

Single Point					
Min. Circuit Ampacity	120				
Recommended Fuse/CB Rating	150				
Max. Inverse Time CB Rating	150				
Max. Dual Element Fuse Size (A)	150				
Unit Short Circuit Withstand (STD)	5 [kA]			Operating Condition Electrical Data	
Wires Per Phase	1			Compressor kW	54.10
Wire Range (Lug Size)	#1 AWG			Total Fan kW	7.20
Starter Type	Across The Line			Total kW	61.30

Notes:

Performance at AHRI Conditions					
Evaporator Data		Condenser Data		Performance Data	
EWT (°F)	54.00	Ambient Temp. (°F)	95.0	EER (Btu/W·h)	11.67
LWT (°F)	44.00	Altitude (ft)	0.000	IPLV.IP (Btu/W·h)	18.56
Flow Rate (USGPM)	132.70			Net Cooling Capacity	60.41
Pressure Drop (ft H2O)	23.40				
Fluid	Water				
Fouling Factor (h.ft².F/Btu)	0.000100				
Fluid Volume (USGAL)	7.570				

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