

Unit Tag	Qty	Model No	Net Cooling Capacity (ton.R)	Nominal Voltage	Refrigerant Type
CH-1	1	YCAL0022EE17XEBSDTX	18.70	200-3-60.0	R410A

PIN:								
YCAL0022EE	17XEBSDTXA	XXRLXXXX44	XX1XXXXXXXX	SXXXBXX7XX	BXXNXXXXXX			
....5...10	5...20	5...30	5...40	5...50	5...60	5...70	5...80	5...90

Evaporator Data			Evaporator Data (Cont.)		Performance Data	
EWT (°F)	54.00		Min. Flow Rate (USGPM)	10.00	EER (Btu/W·h)	10.11
LWT (°F)	44.00		Max. Flow Rate (USGPM)	150.0	IPLV.IP (Btu/W·h)	15.54
Design Flow Rate (USGPM)	44.75		Condenser Data			
Pressure Drop (ft H ₂ O)	4.86		Ambient Temp. Design (°F)	95.0	Physical Data	
Fluid	Water		Altitude (ft)	0.000	Rigging Wt. (lb)	1567
Fouling Factor (h.ft ² .F/Btu)	0.000100		Compressor Type	Scroll - Hermetic	Operating Wt. (lb)	1597
Fluid Volume (USGAL)	1.199					

Electrical Data				
Circuit	1	2	3	4
Compressor RLA	45 / 45			
Fan QTY/FLA (each)	2 / 2.6			
High LRA Current	250 / 250			

Single Point				
Min. Circuit Ampacity	110			
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	21.20
Wire Range (Lug Size)	4 AWG - 300 kcmil		Total Fan kW	1.000
Starter Type	Across The Line		Total kW	22.20

Notes:

Certified in accordance with the AHRI Air-Cooled Water-Chilling Packages Using Vapor Compression Cycle Certification Program, which is based on AHRI Standard 550/590 (I-P) and AHRI Standard 551/591 (SI). Certified units may be found in the AHRI Directory at www.ahridirectory.org. Auxiliary components included in total KW - Oil heaters, Chiller controls. Auxiliary power is already included in the compressor and fan power



Part Load Rating Data				
Stage	Ambient (°F)	Capacity (ton.R)	Total kW	Unit Efficiency
1	95.0	18.70	22.20	10.11
2	72.0	11.55	8.185	16.93

Sound Power Levels (In Accordance with AHRI 370)										
Stage	Ambient (°F)	63 Hz (dB)	125 Hz (dB)	250 Hz (dB)	500 Hz (dB)	1 kHz (dB)	2 kHz (dB)	4 kHz (dB)	8 kHz (dB)	LWA
1	95.0	84	83	82	83	80	76	72	71	85
2	72.0	82	82	81	81	79	74	70	69	83

Note: Unit is equipped with Low Sound Fans.

Performance at AHRI Conditions					
Evaporator Data		Condenser Data		Performance Data	
EWT (°F)	54.00	Ambient Temp. (°F)	95.0	EER (Btu/W·h)	10.11
LWT (°F)	44.00	Altitude (ft)	0.000	IPLV.IP (Btu/W·h)	15.54
Flow Rate (USGPM)	44.75			Net Cooling Capacity (ton.R)	18.70
Pressure Drop (ft H ₂ O)	4.86				
Fluid	Water				
Fouling Factor (h.ft ² .F/Btu)	0.000100				
Fluid Volume (USGAL)	1.199				

Note: Unit rated at design condition capacity.