



Tecumseh

Tecumseh Compressor Company

Indoor Condensing Units

August 24, 2016
Revision: REL

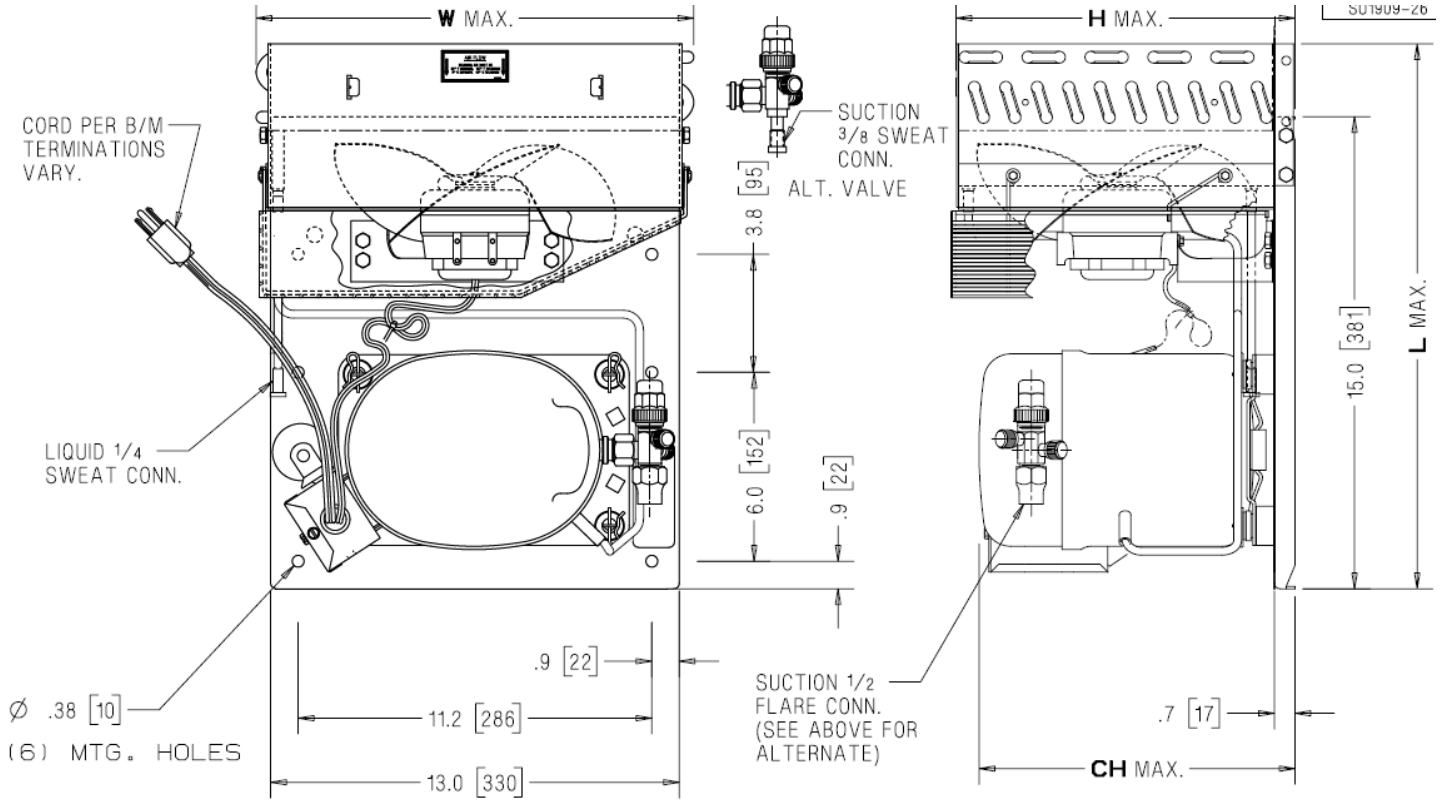
Model: AKA4460YXAXA

BoM: 32C240-1

R-134a

1/2 HP

Air Cooled



Model	Dimensions, inches				Line Connection*		Pumpdown	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
AKA4460YXAXA	17.4	14.0	10.9	10.1	1/2" F	1/4" S	N/A	350	17	68

* F = Flare, S = Solder, RF or RS = Rotolock with Flare or Solder Connections, C = Compression Fitting
Factory charge: 20 PSIG Nitrogen – **MUST BE EVACUATED**

Evaporator T,		Ambient Temperatures											
		80°F			90°F			100°F			110°F		
°F	PSIG	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
20	18.4	3654	634	109	3353	641	116	3052	648	124	2751	655	132
25	22.1	4088	689	112	3745	707	120	3401	725	128	3058	743	136
30	26.1	4536	735	116	4150	764	124	3765	792	131	3379	821	139
35	30.4	4998	771	120	4570	810	128	4142	850	135	3714	889	143
40	35.1	5475	797	124	5004	847	131	4534	897	139	---	---	---
45	40.1	5965	814	128	5452	874	135	---	---	---	---	---	---
50	45.5	6469	820	132	5914	891	139	---	---	---	---	---	---
55	51.3	6987	817	135	6389	899	143	---	---	---	---	---	---

60 Hz Performance

Return gas temp. 65°F, 5°F sub cooling

Specifications/ Parts:

Unit Model	AKA4460YXAXA
Unit Bill of Material	32C240-1
Refrigeration Range	20 F to 55° F
Design Pressure Low	150
Design Pressure High	450
Nominal Volts-Hz-Ph	115/60/1
Voltage Range	103 - 127
Min. Circuit Ampacity	12.46
Max. Fuse Size (amps)	20
Compressor Model	AKA4460YXA
Comp. Bill of Material	AK168AT-038-J7
Compressor RLA/LRA	9.5 / 48
Overload	8300MRAG17
Relay	8200EMBJ97
Run Capacitor	N/A
Start Capacitor	85PS165C96

Fan Motor	810L009B96
Fan Motor RLA	0.58
Fan Blade	4VEA006
Fan Shroud	70766-1
Fan Guard	N/A
Condenser	50840-2
Receiver Tank	N/A
Liquid Valve	N/A
Suction Valve	31582-1
Power Cord	85106-12
Unit Drawing	DGU1909-26T
Wiring Diagram	90701-2
Replacement Kit: Relay	K71-03
Replacement Kit: O/L	K90-23
Replacement Kit: St. Cap	K146-25

Electrical Diagram

