



October 17, 2011

Tecumseh Compressor Company

Indoor Condensing Units

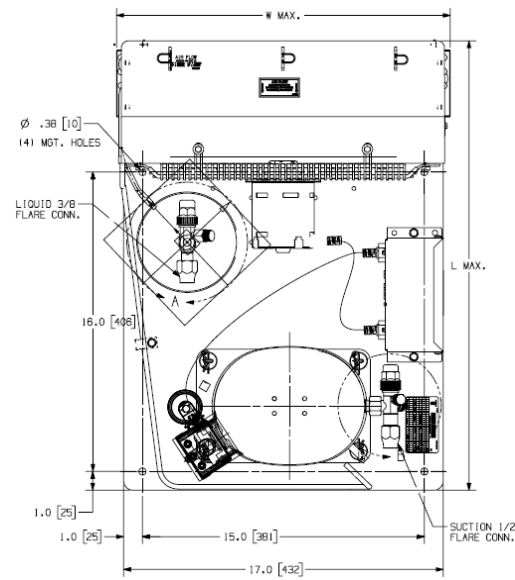
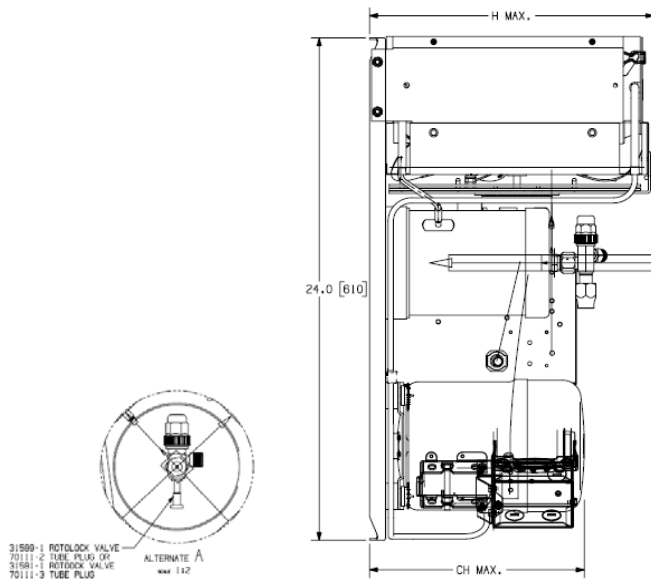
Model: AKA9460ZXAXC

BoM: 2C729-1

R-404A

3/4 HP

AIRCOOLED



Model	Dimensions, inches				Line Connection*		Pumpdown	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
AKA9460ZXAXC	24.3	18.0	14.0	10.2	1/2" RS	3/8" S	6.0 lbs	600	17	87

* F = Flare, S = Solder, RF or RS = Rotolock with Flare or Solder Connections, C = Compression Fitting

Evaporator T		Ambient Temperatures								
		90°F			110°F			110°F		
°F	PSIG	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
-10	23.9	3054	924	104	2569	888	112	2090	870	121
-5	28.2	3481	978	106	2965	952	115	2431	945	123
0	32.8	3936	1034	108	3383	1019	117	2793	1021	125
5	37.9	4419	1094	110	3824	1088	119	3175	1098	127
10	43.3	4930	1157	112	4287	1159	122	3577	1177	129
15	49.2	5470	1224	114	4772	1233	124	4000	1258	131
20	55.5	6038	1294	117	5279	1309	127	4443	1340	133
25	62.2	6633	1366	119	5809	1388	129	4907	1423	135
30	69.5	7257	1443	121	6361	1469	131	5390	1508	137
35	77.2	7909	1522	124	6935	1552	134	5895	1594	139
40	85.5	8590	1605	127	7532	1638	137	6419	1682	142
45	94.3	9298	1690	129	8151	1726	140	6964	1771	144

60 Hz Performance

Return gas temp. 40°F, 5°F sub-cooling

Specifications/ Parts:

Model	AKA9460ZXAXC
Unit Bill of Material	2C729-1
Nominal Volts-Hz-Ph	115-60-1
Refrigeration Range	-00° to 45°F
Design Pressure Low	181
Design Pressure High	450
Voltage Range	126.5 TO 103.5
Min. Circuit Ampacity	12.9
Max. Fuse Size (amps)	25
Compressor Model	AKA9451ZXA
Comp. Bill of Material	AK170AT-038-P2
Compressor RLA/LRA	8.8 / 50.0
Overload	8300MRAM81
Relay	820ARR3D10
Run Capacitor	85PR370F20
Run Capacitor Rating	25 MFD @ 370V
Start Capacitor	85PS250C30
Start Capacitor Rating	72-88 MFD @ 250V
Contactor	N/A
Unit Drawing	DGU1909-25
Wiring Diagram	90719

Fan Motor	810F050B62
Fan Motor RLA	2.0
Fan Blade	51563
Fan Guard	71062
Fan Shroud	70736-1
High Pressure Switch	N/A
Low Pressure Control	N/A
Condenser	50802-6
Receiver Tank	51081
Liquid Valve	31581-1
Liquid Filter *	70081
Sight Glass *	70084
Suction Valve *	31582-1
Rotolock Valve Gasket	30334
Discharge Valve	N/A
Suction Filter *	N/A
Accumulator *	N/A
Crankcase Heater	N/A
Defrost Timer	N/A
Fan Switch (s)	N/A
* = Equipped Units Only	
Solenoid Valve	N/A
Receiver Heater	N/A

Electrical Diagram