



Tecumseh Compressor Company

Indoor Condensing Units

February 26, 2016
Revision: A

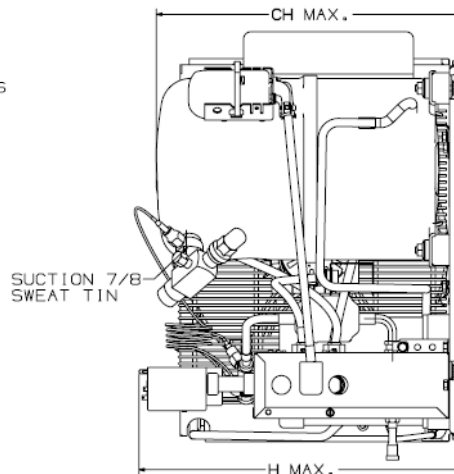
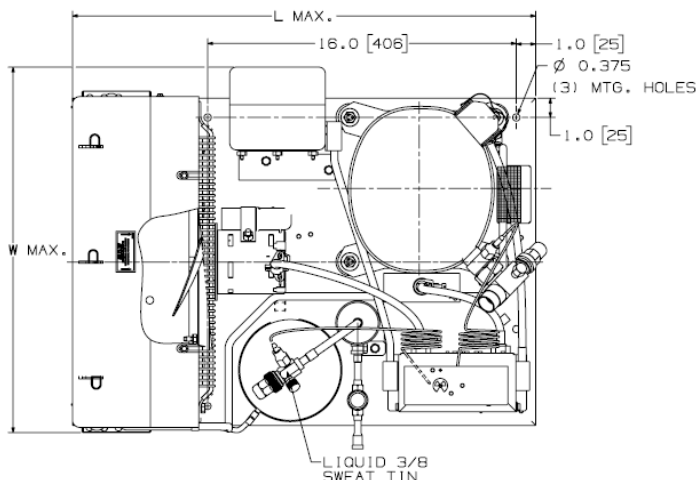
Model: AWA2464ZXDXC

BoM: 2T3224-2

R-404A

1 1/2 HP

AIR COOLED



Model	Dimensions, inches				Line Connection*		Pump down	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90°F 90%	SCFM	Oz.	Lbs.
AWA2464ZXDXC	24.0	19.0	15.0	14.2	7/8" S	3/8" S	6.3 lbs	600	38.0	130

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

Evaporator T,		Ambient Temperatures															
		80°F				90°F				100°F				110°F			
°F	PSIG	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T
-40	4.3	2672	1029	208	91	2572	1129	242	101	1966	1065	274	110	1245	913	304	118
-35	6.8	3481	1156	217	94	3184	1211	250	103	2532	1150	282	112	1795	1026	313	120
-30	9.6	4291	1287	227	97	3810	1307	259	106	3103	1249	290	114	2339	1147	323	122
-25	12.6	5101	1425	238	100	4449	1416	269	109	3680	1361	300	117	2878	1277	334	125
-20	16.0	5913	1568	250	103	5102	1540	281	112	4263	1486	311	120	3413	1415	345	128
-15	19.6	6725	1716	263	107	5769	1676	293	115	4852	1625	323	123	3942	1562	358	130
-10	23.6	7538	1870	277	110	6450	1827	307	118	5446	1778	337	126	4466	1716	371	133
-5	27.9	8352	2030	291	114	7145	1992	321	122	6047	1944	352	129	4985	1880	385	136
0	32.6	9167	2195	307	118	7854	2170	337	125	6653	2123	368	132	5499	2051	401	139
5	37.7	9983	2366	323	122	8576	2362	354	129	7264	2316	385	136	6008	2231	417	143
10	43.2	10799	2542	340	125	9313	2567	372	133	7882	2522	404	140	6512	2419	434	146

60 Hz Performance

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

Specifications/ Parts:

Model	AWA2464ZDXC
Unit Bill of Material	2T3224-2
Nominal Volts-Hz-Ph	208-230-60-1
Refrigeration Range	-40° to 10°
Design Pressure Low	181
Design Pressure High	450
Voltage Range	187 to 254
Min. Circuit Ampacity	16.5
Max. Fuse Size (amps)	25
Compressor Model	AWA2460ZXD
Comp. Bill of Material	AW613ET-111-P21
Compressor RLA/LRA	8.2 / 86.0
Overload	INTERNAL
Relay	820ARR3J50
Run Capacitor	85PR370F21
Run Capacitor Rating	45MFD 370V(M)VDE
Start Capacitor	85PS330D17
Start Capacitor Rating	145-175 MFD 330V VDE
Contactors	N/A
Unit Drawing	DGU1918-54
Wiring Diagram	91262

Fan Motor	810F050C20
Fan Motor RLA	0.7
Fan Blade	51563
Fan Guard	71062
Fan Shroud	70736-1
High Pressure Switch	N/A
Low Pressure Control	N/A
Dual Pressure Control	14955206
Condenser	50802-6
Headmaster Valve *	N/A
Check Valve *	N/A
Receiver Tank	51081
Liquid Valve	31581-1
Liquid Filter *	70081
Sight Glass *	70084
Suction Valve	31529-1
Rotolock Valve Gasket	30233
Discharge Valve *	N/A
Suction Filter *	N/A
Accumulator	N/A
Crankcase Heater *	N/A
Defrost Timer *	84110
* = Outdoor Units Only	
Options for Outdoor Units	
Receiver Heater	N/A
Solenoid Valve	N/A

Electrical Diagram

