



TECUMSEH

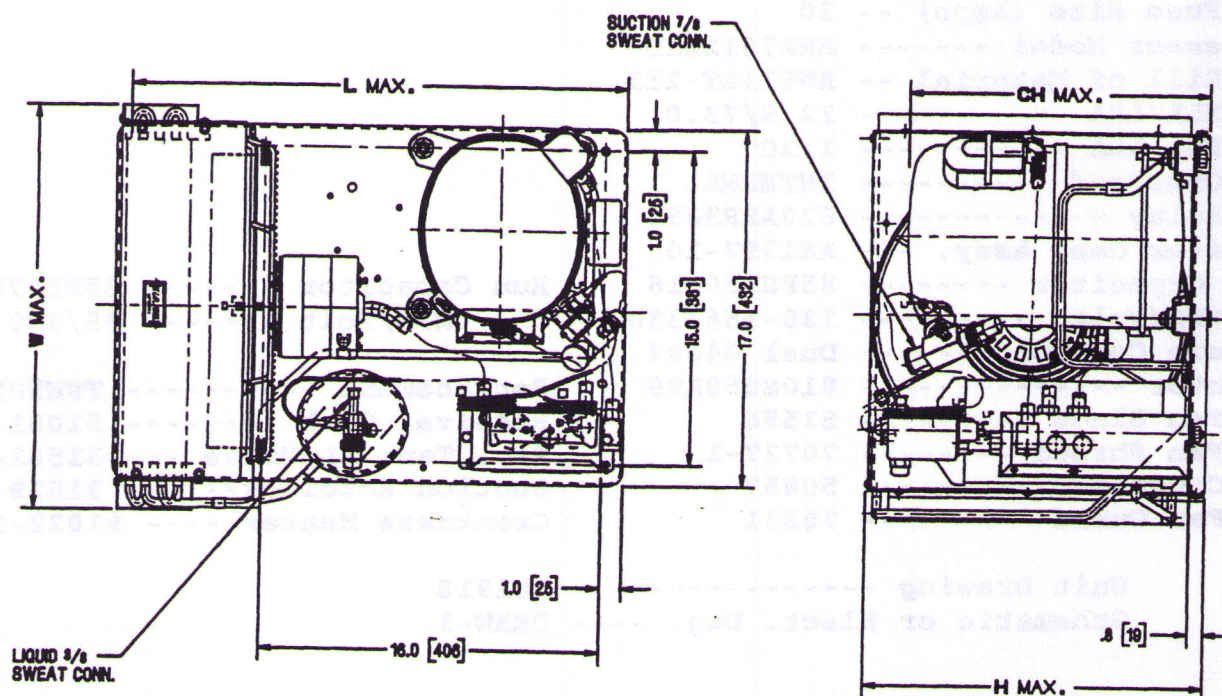
TECUMSEH HERMETIC CONDENSING UNITS

MODEL AWA7512ZXDXC

R-404A

1 1/2 HP

AIR COOLED



NOTE: DIMENSIONING = INCHES [MILLIMETERS]

Model	Dimensions				*Line Connection		Pumpdown 90° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AWA7512ZXDXC	24.0	19.4	16.2	15.6	7/8S	3/8S	9.8#	780	38	130

*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections

Factory charge: 20 psig nitrogen - **MUST BE EVACUATED** 60 HZ PERFORMANCE

Approved Evap. Range		Ambient											
		80°F			90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
-10	23.6	6819	1498	222	5910	1495	251	5386	1471	285	3940	1410	318
-5	27.9	7817	1603	230	6769	1606	259	6013	1587	294	4596	1538	327
0	32.6	8871	1709	240	7686	1720	268	6707	1705	303	5299	1669	336
5	37.7	9982	1817	249	8661	1835	278	7467	1826	313	6047	1801	346
10	43.2	11150	1927	259	9694	1951	288	8294	1950	323	6842	1935	357
15	49.1	12374	2038	270	10785	2069	300	9187	2076	335	7684	2070	368
20	55.4	13654	2151	282	11934	2189	312	10148	2205	347	8571	2207	380
25	62.2	14991	2265	294	13142	2311	121	11174	2336	360	9505	2346	392
30	69.6	16384	2381	307	14407	2434	339	12267	2469	374	10486	2486	405

Return gas temp. 45 ° F, 5 ° F subcooling

Date: 1-10-99

SPECIFICATIONS AWA7512ZDXC
 Nominal Voltage ----- 230/208-60-1
 Unit B/M ----- 2B3217-1
 Voltage Range ----- 253 to 187
 Min. Circuit Ampacity -- 17.6
 Max. Fuse Size (Amps) -- 30
 Compressor Model ----- AWA7512ZXD
 Bill of Material -- AW611ET-111
 RLA/LRA ----- 12.9/73.0
 Fan RLA ----- 1.30
 Overload ----- INTERNAL
 Relay ----- 820ARR3J50
 Capacitor Cab. Assy. --- AE1397-10
 Start Capacitor ----- 85PS330D16
 MFD/Volt ----- 130-156/330
 Pressure Control ----- Dual 84087
 Fan Motor ----- 810S050A99
 Fan Blade ----- 51556
 Fan Shroud ----- 70727-1
 Condenser ----- 50857
 Fan Guard ----- 70831

Run Capacitor ----- 85PR370F17
 MFD/Volt ----- 35/370

Replacement ----- TFM502
 Receiver Tank ----- 51081-1
 Rec. Tank RL Valve --- 31581-1 (3/8"S)
 Suction Rotolock----- 31529-1 (7/8"S)
 Crankcase Heater ---- 91022-1

Unit Drawing ----- SU1918
 Schematic or Elect. Dwg. ---- DEAW-3

