

AVA7523ZXNXC

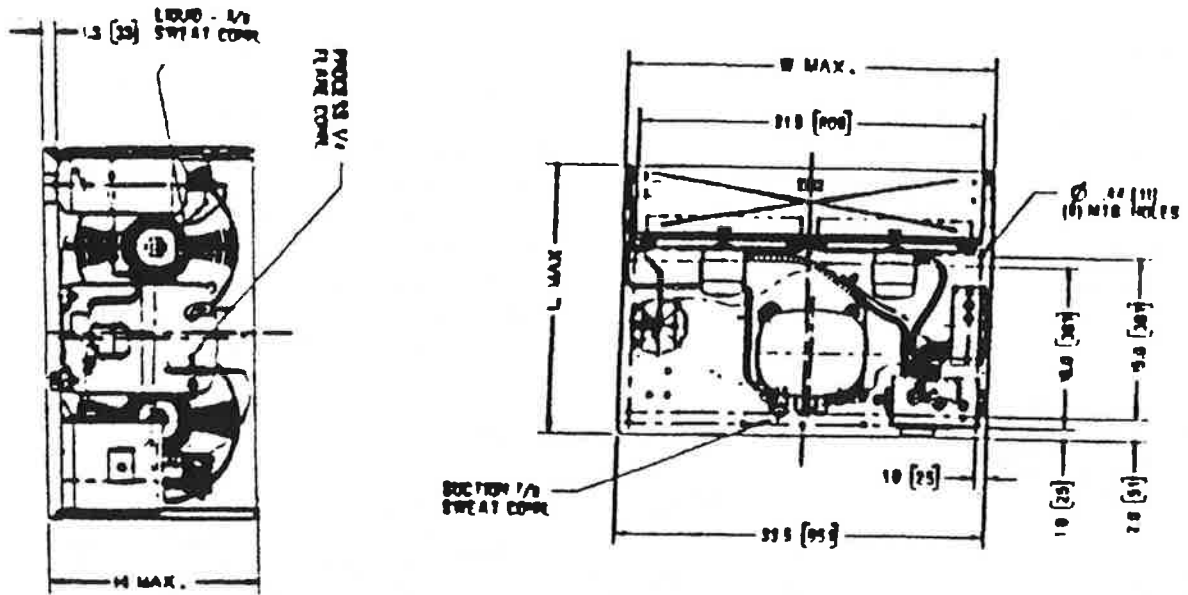
Date: Jan. 10, 1999

Revision 2003



# TECUMSEH HERMETIC CONDENSING UNITS

MODEL AVA7523ZXNXC (B/M 2B3136-9) R-404A 3 HP AIR COOLED



NOTE: DIMENSIONING = INCHES (MILLIMETERS)

POE

Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AVA7523ZXNXC	25.0	33.6	19.5	14.6	7/8S	3/8S	11.7#	1800	54	119

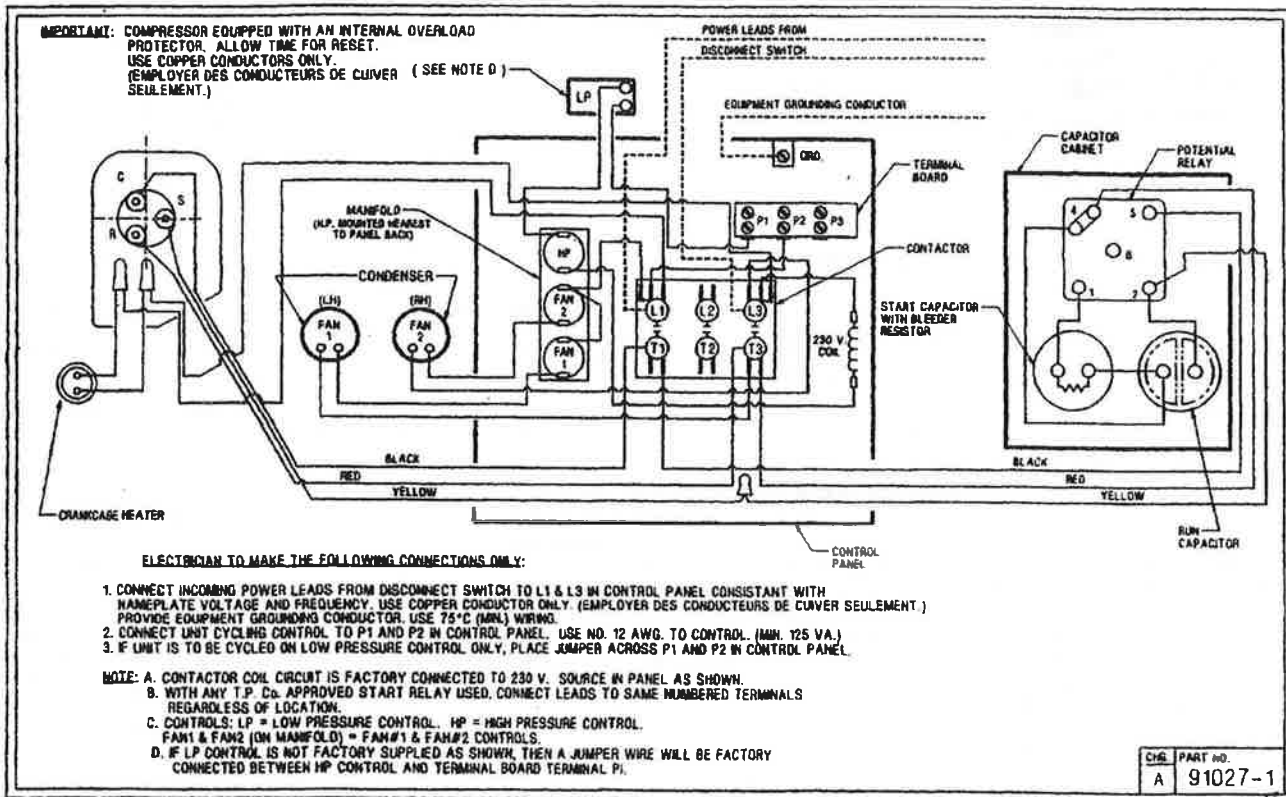
\*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections  
Factory charge: 20 psig nitrogen - **MUST BE EVACUATED** 60 HZ PERFORMANCE

Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
-10	23.6	11958	2894	267	10117	2861	297	8246	3320	331
-5	27.9	13633	3121	278	11567	3097	309	9495	3311	343
0	32.6	15360	3352	288	13066	3338	320	10785	3308	355
5	37.7	17139	3589	299	14613	3586	333	12117	3311	368
10	43.2	18971	3830	311	16208	3839	345	13490	3320	380
15	49.1	20856	4076	324	17851	4099	358	14904	3337	137
20	55.4	22792	4326	337	19542	4365	372	16359	3359	406
25	62.2	24781	4581	351	21281	4637	385	17855	3388	419
30	69.6	26823	4841	365	23068	4916	399	19393	3424	432

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

<b>SPECIFICATIONS</b>	<b><u>AVA7523ZXNXC</u></b>
Nominal Voltage	<u>230/208-1</u>
Unit B/M	<u>2B3136-9</u>
Voltage Range	<u>253 to 187</u>
Min. Circuit Ampacity	<u>30.0</u>
Max. Fuse Size (Amps)	<u>50</u>
<b>Compressor Model</b>	<b><u>AVA7524ZXN</u></b>
Comp. Bill of Material	<u>AV179ET-001</u>
RLA/LRA	<u>21.4/106.6</u>
ESP Overload	<u>Internal</u>
ESP Relay	<u>P82966</u>
Capacitor Cabinet	<u>AE1397-013</u>
Control Panel	<u>AC1390-6</u>
Start Capacitor	<u>85PS330D16</u>
Rating	<u>130-156MFD/330V</u>
Run Capacitor	<u>85PR440E65</u>
Rating	<u>45MFD/440V</u>
Fan Switch (s)	<u>84096-1</u>
	<u>84096-2</u>

High Pressure Switch	<u>84095-2</u>
Control	<u>84026-5 (LP)</u>
Contactor	<u>91014 (30AMP-3PH,230V)</u>
Fan Motor (OEM)	<u>810S050A99</u>
Fan RLA	<u>1.30 RLA</u>
Replacement Motor	<u>TFM502</u>
Fan Motor Bracket	<u>Grd. Mnt.</u>
Fan Blade	<u>51568-1</u>
Shroud	<u>70648-2</u>
Condenser	<u>K42-15</u>
Fan Guard	<u>70831 (2 req)</u>
Receiver Tank	<u>51081-1</u>
Receiver Tank Valve	<u>31581-1 (3/8" S) RL</u>
Suction Rotolock	<u>31529-1 (7/8" S RL)</u>
O' Ring Gasket	<u>30334</u>
Process Valve	<u>31583-1 (1/4" F PV)</u>
Optional Outdoor Enclosure	<u>TP-241D</u>
Unit Drawing	<u>SU1920-3</u>
Schematic or Elect. Drawing	<u>91027-1</u>



Some parts listed may be optional or listed as replacement parts.