



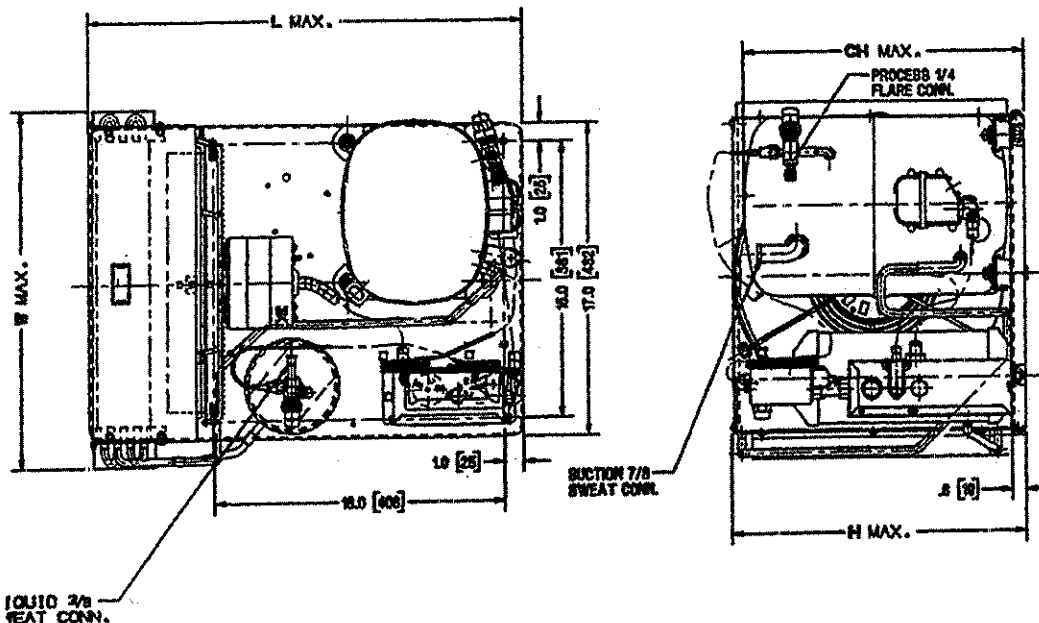
TECUMSEH HERMETIC CONDENSING UNITS

AVA2510ZXNXC

Jan 10, 1999

Revision 2003

MODEL AVA2510ZXNXC (B/M 2C2116-1) R-404A 2 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.	POE
	L	W	H	CH	Suct.	Liq.					
AVA2510ZXNXC	24.0	19.4	16.2	14.6	7/8S	3/8S	10.8#	840	54	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								
		90 ° F			100 ° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
-40	4.3	3592	1522	237	2884	1486	267	2329	1370	303
-35	6.8	4675	1703	246	3839	1655	276	3088	1558	312
-30	9.6	5751	1894	256	4785	1839	287	3856	1758	321
-25	12.6	6822	2097	267	5721	2037	298	4633	1971	332
-20	16.0	7887	2311	278	6647	2250	310	5417	2196	344
-15	19.6	8946	2536	291	7564	2477	323	6210	2434	357
-10	23.6	9999	2772	305	8471	2719	337	7011	2684	370
-5	27.9	11046	3019	319	9368	2976	352	7820	2947	385
0	32.6	12088	3277	335	10256	3248	368	8638	3222	401
5	37.7	13123	3546	351	11135	3534	385	9463	3510	418

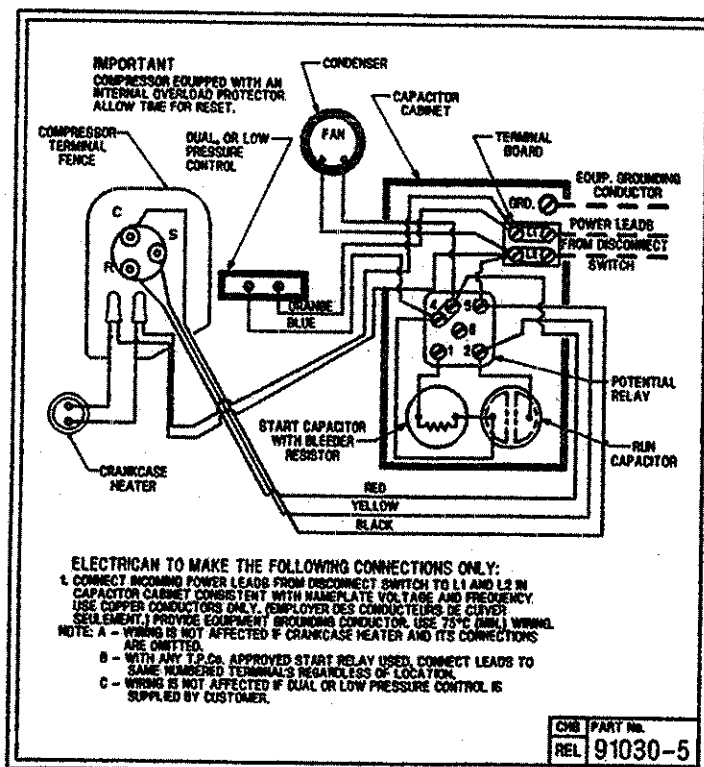
Return gas temp. 40 ° F, 5 ° F subcooling

Date: January 2003
Unit Catalog Update

SPECIFICATIONS AVA2510ZXNXC

Nominal Voltage 230/208-1
Unit B/M 2C2116-1
Voltage Range 253 to 187
Min. Circuit Ampacity 21.7
Max. Fuse Size (Amps) 35
Compressor Model AVA2490ZXN
Comp. Bill of Material AV195ET-037
RLA/LRA 16.3/106.6
ESP Overload Internal
ESP Relay P82966
Capacitor Cabinet AE1397-036
Start Capacitor 85PS330D17
Rating 145-175MFD/330V
Run Capacitor 85PR440E65/P85E85
Rating 45MFD/440V
Control 84087 (Dual)

Fan Motor (OEM) 810S050A99
Fan RLA 1.30 RLA
Replacement Motor TFM502
Fan Motor Bracket Grd. Mnt.
Fan Blade 51568-1
Shroud 70727-2
Condenser K42-3
Fan Guard 70831
Receiver Tank 51081-1
Receiver Tank Valve 31581-1 (3/8" S) RL
O' Ring Gasket 30334
Process Valve 31583-1 (1/4" F PV)
Optional Outdoor Enclosure TP-201D
Crankcase Heater (If Inc) NA
Unit Drawing SU1920-7
Schematic or Elect. Drawing 91030-5



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