



AVA2512ZXTXM
Date: February 17, 2000

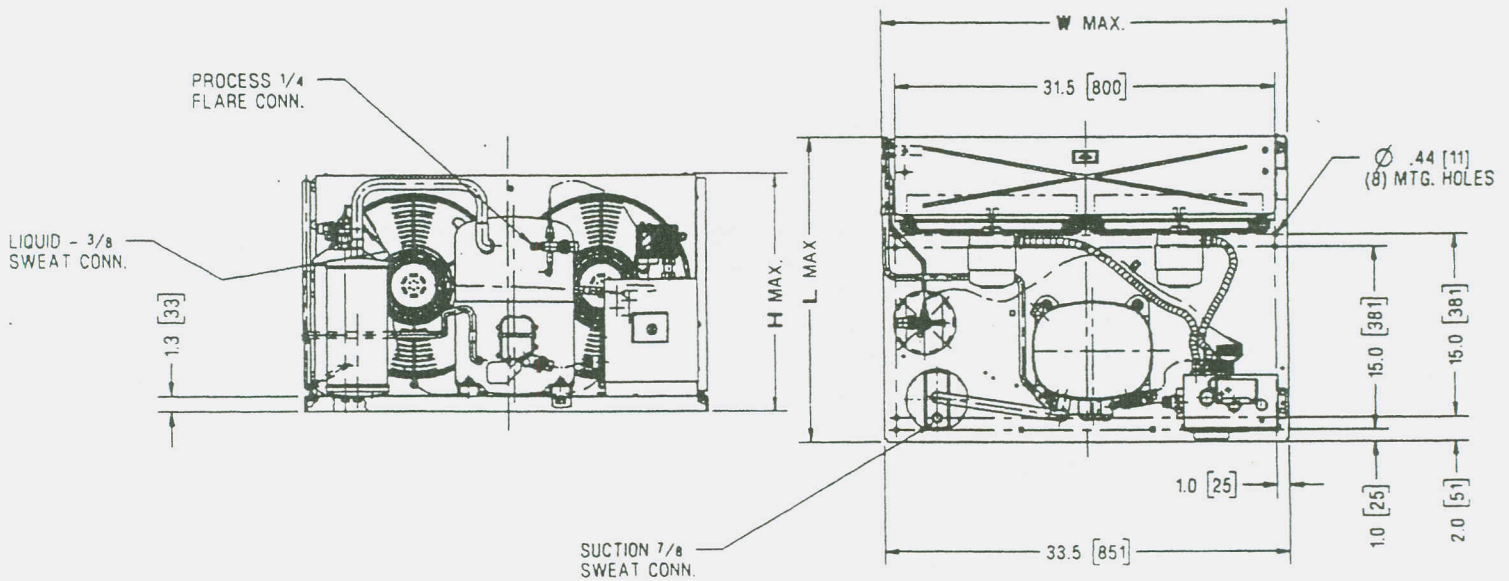
TECUMSEH HERMETIC CONDENSING UNITS

MODEL AVA2512ZXTXM

R-404A

3 HP

AIR COOLED



NOTE: DIMENSIONING = INCHES [MILLIMETERS]

Approved Evap. Range		Ambient								
		80° F			90° F			100° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
-35	6.8	5479	1854	205	5313	1828	238	4296	1677	273

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
-35	6.8	5479	1854	205	5313	1828	238	4296	1677	273	3499	1151	300
-30	9.6	6904	2028	213	6531	2005	244	5387	1863	278	4582	1470	308
-25	12.6	8373	2210	221	7794	2192	252	6518	2057	285	5678	1779	317
-20	16.0	9886	2401	229	9102	2389	260	7689	2260	292	6786	2078	326
-15	19.6	11444	2600	239	10454	2596	269	8900	2471	300	7907	2367	335
-10	23.6	13045	2809	248	11851	2813	278	10151	2692	309	9041	2646	345
-5	27.9	14690	3026	258	13292	3040	288	11442	2921	319	10187	2915	355
0	32.6	16380	3252	269	14778	3277	299	12772	3159	329	11345	3174	366
+5	37.7	18114	3486	280	16309	3524	311	14142	3405	340	12517	3423	378
+10	43.2	19892	3730	291	17884	3781	323	15553	3661	353	13701	3662	389

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

Date: 2-17-00

SPECIFICATIONS

AVA2512ZXTXM

Nominal Voltage ----- 230/200-60-3
Unit B/M ----- 2B3141-1
Voltage Range ----- 253 to 180
Min. Circuit Ampacity -- 14.8
Max. Fuse Size (Amps) -- 20
Compressor Model ----- AVA2490ZXT
Bill of Material -- AV182RT-012
RLA/LRA ----- 9.9/65.1
Fan RLA ----- 1.10
Overload ----- INTERNAL
Control Panel Assy. ---- AC1390-10
Pressure Control ----- High 84095-2, Low 84026-5
Fan Switch ----- 84096-1
Contactor ----- 91014 (30 AMP-3PH, 230V)
Fan Motor (2) ----- 810S037B01
Fan Blade (2) ----- 51533-2
Dbl. Fan Shroud --- 70648-2
Condenser ----- 50852
Fan Guard (2) ----- 70831
Accumulator ----- TK00042000
Unit Drawing ----- SU1920-1
Schematic or Elect. Dwg. ---- 91030-3

Receiver Tank ----- 51081-1
Rec. Tank RL Valve --- 31581-1 (3/8"S)
Process Valve ----- 31583-1 (1/4"F)
Crankcase Heater ----- 90699

