

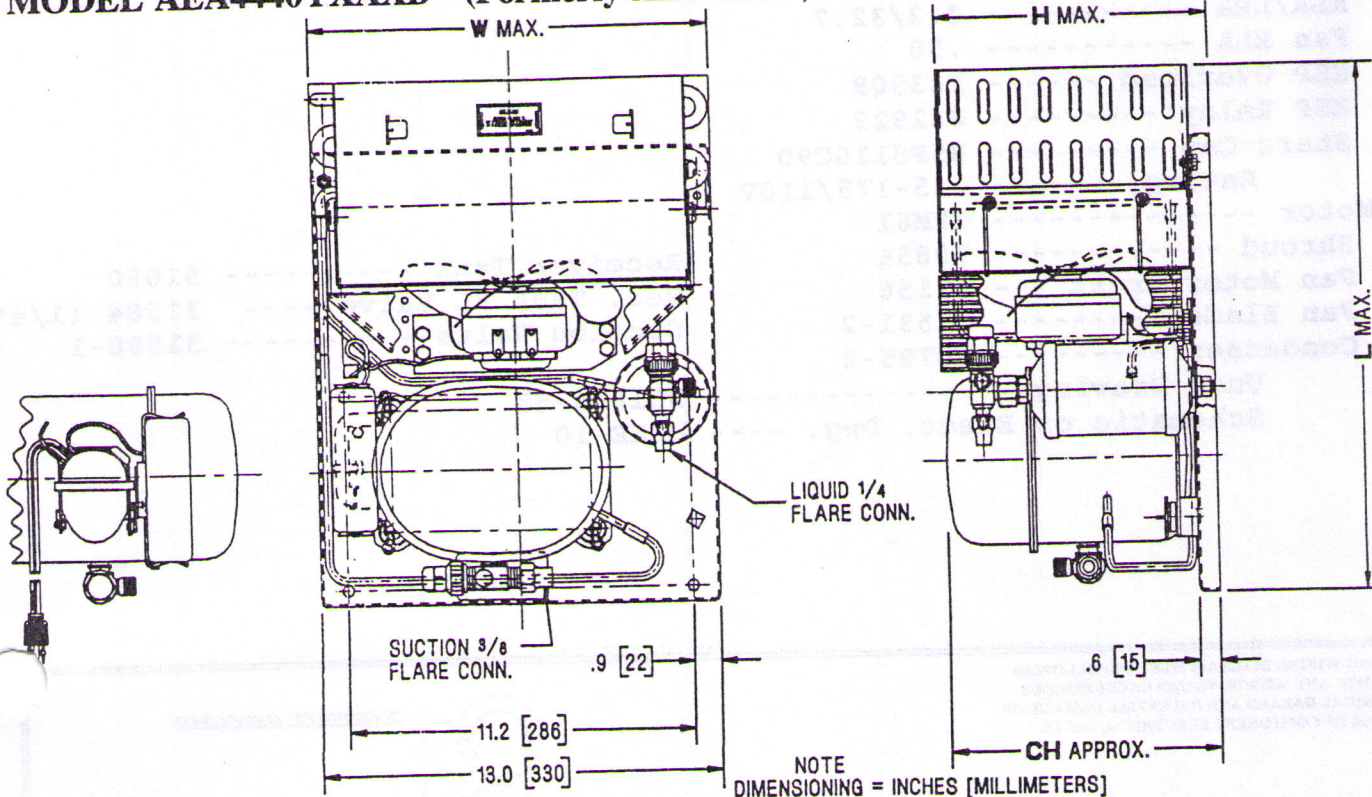


TECUMSEH HERMETIC CONDENSING UNITS

Date: April 1, 1997

MODEL AEA4440YXAXB (Formerly AE4440YB)

R-134a 1/3 HP AIR COOLED



Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AEA4440YXAXB	17.2	13.2	9.0	8.9	3/8 F	1/4 F	2.4#	—	10	47

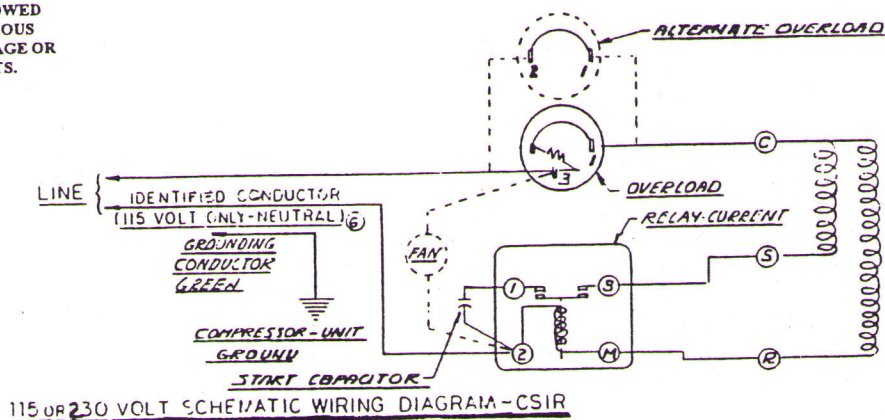
*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections
Factory charge: 20 psig nitrogen - **MUST BE EVACUATED** 60 HZ Performance

Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
		BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
° F	PSIG									
+20	18.4	2320	490	155	2120	490	175	1950	500	190
25	22.1	2560	520	165	2350	525	185	2160	535	200
30	26.0	2810	550	170	2580	560	190	2380	570	210
35	30.3	3080	590	180	2830	600	200	2600	610	225
40	35.0	3350	630	190	3080	640	210	2840	655	235
45	40.0	3620	665	200	3340	685	220	3070	700	245
50	45.3	3910	710	210	3600	730	235	3310	740	260
55	51.1	4220	750	220	3880	775	245	3570	800	275

65 ° F return gas temp., 5 ° F subcooling

SPECIFICATIONS		AEA4440YXAXB
Nominal Voltage -----	115-60-1	
Unit B/M -----	2C372-9	
Voltage Range -----	126.5 to 103.5	
Min. Circuit Ampacity --	9.5	
Max. Fuse Size (Amps) --	15	
Compressor Model -----	AEA4440YXA	
Bill of Material --	AE630AT-668	
RLA/LRA -----	7.2/32.7	
Fan RLA -----	.50	
ESP Overload -----	P83509	
ESP Relay -----	P82929	
Start Cap -----	85PS110C90	
Rating -----	145-175/110V	
Fan Motor -----	TFM61	
Shroud -----	70854	Receiver Tank ----- 51080
Fan Motor Brckt ---	57156	Rec. Tank RL Valve ---- 31584 (1/4" F)
Fan Blade -----	51531-2	Suction Valve ----- 31580-1
Condenser -----	50795-2	
Unit Drawing -----	SU1896-53	
Schematic or Elect. Dwg. ----	DEAE-10	

WARNING-WIRING DIAGRAM MUST BE FOLLOWED
AS SHOWN. ANY MISWIRING CAN CAUSE SERIOUS
ELECTRICAL HAZARD AND POTENTIAL DAMAGE OR
RUPTURE OF COMPONENT ELECTRICAL PARTS.



1. WHEN FAN IS USED HOOK UP AS SHOWN.
2. IDENTIFIED CONDUCTOR-MAY BE WHITE OR RIBBED (115 VOLT ONLY-NEUTRAL).
3. ASSEMBLE PARTS AS SHOWN IF SPECIFIED ON B/M.

DEAE-10

U.L. Listed ----- (60 HZ only) ----- File #SA2372 ----- Card Guide #SGYU
CSA Certified ----- Canadian File #12964C ----- USA File #8873C