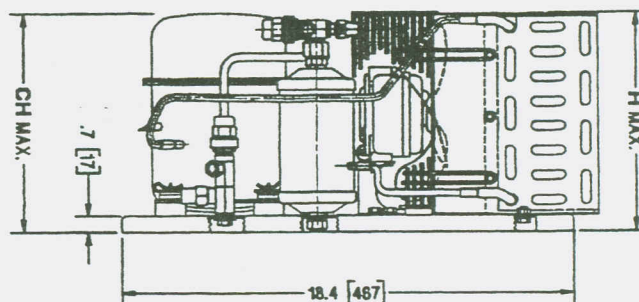
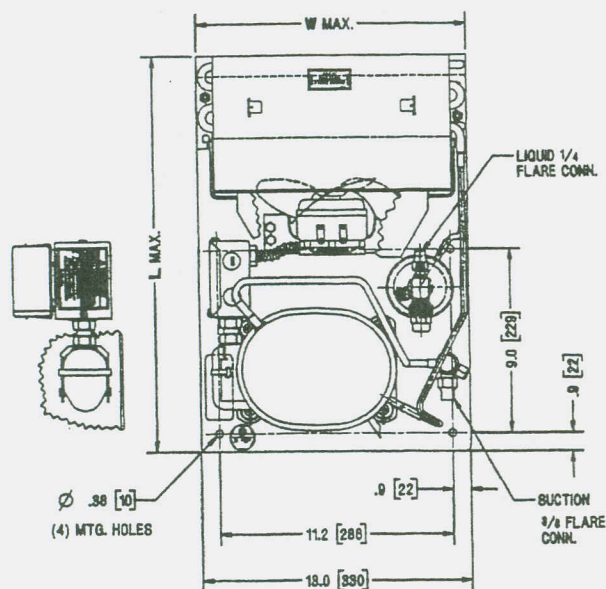




TECUMSEH HERMETIC CONDENSING UNITS

MODEL AEA2413YXAXC (B/M 2D302-9) R134a 1/3 HP AIR COOLED

NOTE:
DIMENSIONING = INCHES [MILLIMETERS]

***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
-30	*4.9"	645	295	120	490	290	139	390	285	160
-25	*2.4"	780	320	123	630	315	143	500	315	164
-20	*1.8"	930	345	127	780	340	147	650	340	169
-15	0.0	1100	375	131	940	375	151	800	375	174
-10	1.9	1285	405	136	1110	405	157	970	405	180
-5	4.1	1480	440	142	1290	440	163	1130	440	187
0	6.5	1680	480	148	1480	480	170	1320	480	195
5	9.1	1890	520	155	1680	520	178	1510	520	203
10	11.9	2100	550	163	1880	545	188	1690	545	211

Based on 40 ° F return gas temp., 5 ° F subcooling

*Inches of mercury below one atmosphere

SPECIFICATIONS AEA2413YXAXC

Nominal Voltage ----- 115-60-1
Unit B/M ----- 2D302-9
Voltage Range ----- 126.5 to 103.5
Min. Circuit Ampacity ----- 7.8
Max. Fuse Size (Amps) ----- 15
Compressor Model ----- AEA2413YXA
 Bill of Material ----- AE700AT-939
 RLA/LRA ----- 5.9/40.0
 Fan RLA ----- .46
 Relay Box Assy. ----- AE1274-032
 ESP OL ----- P83533
 ESP Relay ----- P82473
 Start Cap. ----- 85PS110C92
 Rating ----- 270-324MFD/110V
Fan Motor ----- TFM61
 Fan Blade ----- 51561-1
 Fan Brckt. ----- 57156
 Fan Guard ----- 70837-2
 Condenser ----- 50823
 Condenser Shroud -- 70854
 Option Outdoor Enclosure TP-181D
 Unit Drawing ----- SU1896-130
 Schematic or Elect. Dwg. -- 90314-3

OEM Overload ----- 8300MRTD88

OEM Relay ----- 820RR12B79

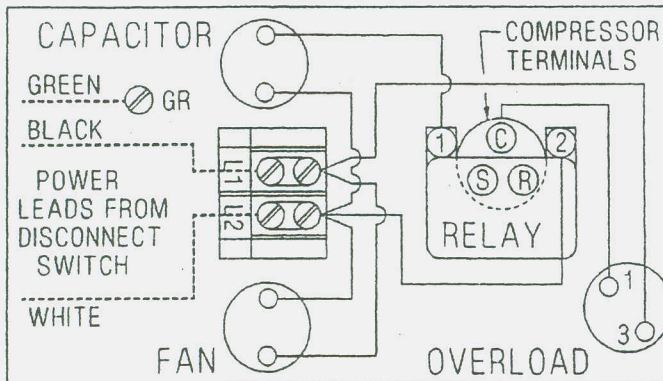
OEM Motor ----- 810M006B45

Receiver Tank ----- 51080

Receiver Tank Valve-- 31584-1 (1/4" F)

Base Valve ----- 56533-4 (3/8")

Teflon Gasket ----- 30334

**NOTE - ELECTRICIAN:**

90314-3

FIELD WIRING AND INSTRUCTION NOTES

1. CONNECT INCOMING POWER LEADS TO L1 AND L2 TERMINALS. USE COPPER CONDUCTORS ONLY. (EMPLOYER DES CONDUCTEURS DE CUIVRE SEULEMENT.) USE 75°C (MIN.) WIRING.
2. WHEN T. P. CO. APPROVED ALTERNATE RELAY IS USED, CONNECT LEADS TO SAME NUMBERED TERMINALS REGARDLESS OF LOCATION.

J