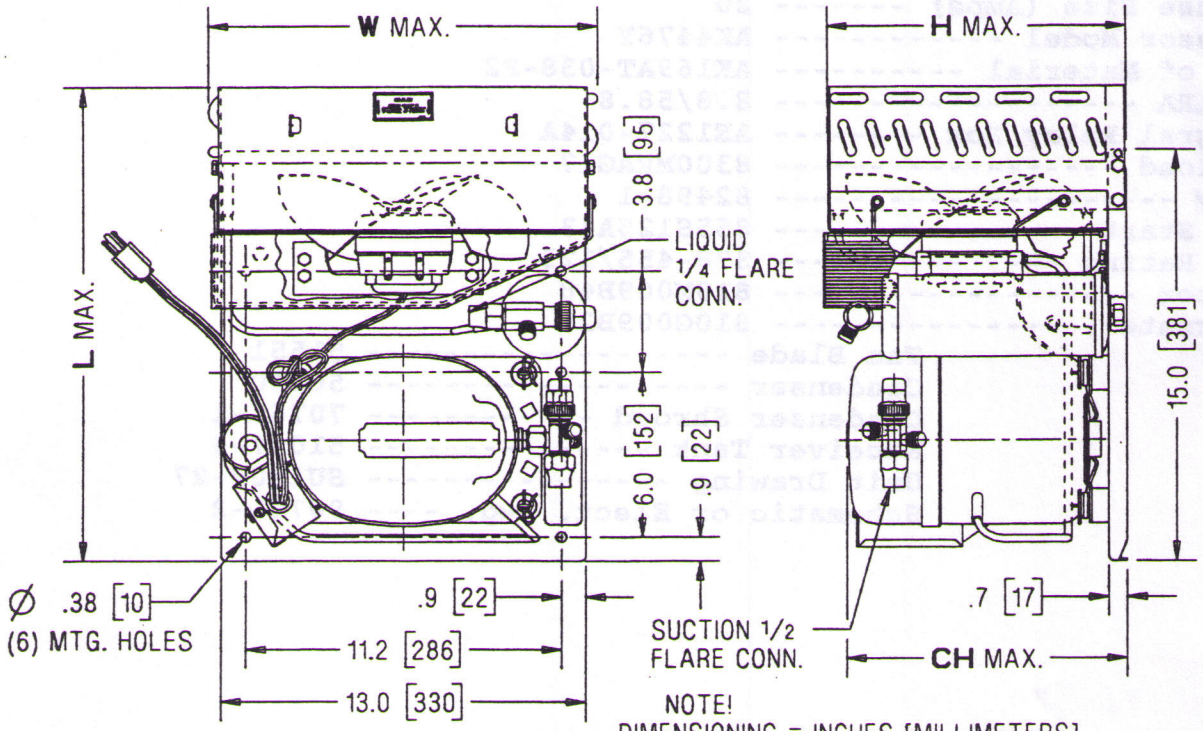
TECUMSEH HERMETIC CONDENSING UNITS

MODEL AK7437YB (115-60-1) R134a 1/2 HP AIR COOLED



Model	Dimensions				*Line Connections		Pumpdown 90°F 90% Full	Air CFM	Oil Chg oz.	Gross Wt. Lbs.
	L	W	H	CH	Suction	Liquid				
AK7437YB	17.4	14.0	10.9	10.1	1/2 F	1/4 F	3.3#	350	17	74

*F=Flare, S=Solder, RF or RS = Rotolock Valve with Flare or Solder Connections

60 Hz. Performance

Factory Charge: 20 psig nitrogen - MUST BE EVACUATED

Approved Evap. Range		Ambient								
		90°F			100°F			110°F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
-10	2.0	1650	480	130	1250	440	145	950	390	160
- 5	4.1	1950	530	140	1500	500	150	1200	460	170
0	6.5	2250	580	145	1800	560	160	1500	520	175
5	9.1	2600	630	155	2150	610	170	1750	590	185
10	11.9	3000	690	160	2500	670	180	2100	660	195
15	15.0	3400	740	170	2900	740	190	2450	730	205
20	18.4	3800	800	180	3300	800	200	2800	800	220
25	22.1	4250	870	190	3700	880	210	3200	890	230
30	26.0	4700	940	200	4100	950	220	3600	970	240

20°F return gas temp. max. superheat above 20°F evap., 40°F max. below 20°F evap.,5°F subcooling

Model AK7437YB

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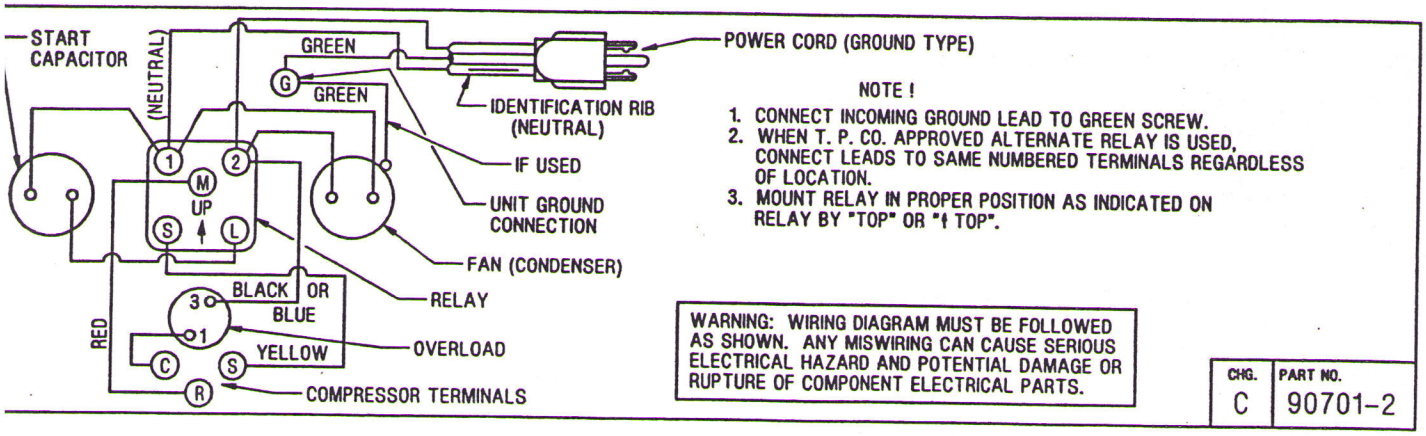
SPECIFICATIONS

Nominal Voltage	115-60-1
Unit Bill of Material	2C286-1
Voltage Range	126.5 to 103.5
Minimum Circuit Ampacity	11.5
Max. Fuse Size (Amps)	20
Compressor Model	AK4476Y
Bill of Material	AK169AT-038-P2
RLA/LRA	8.8/58.8
Integral Relay Box	AE1227-014A
Overload	8300MRAG17
Relay	82498-1
Cap. Start	855S125A43
Rating	378-455/125
Fan Motor	810M009B48
Alternate	810G009B24
Fan Blade	51551
Condenser	50840
Condenser Shroud	70766-1
Receiver Tank	51067-4
Unit Drawing	SU1909-27
Schematic or Elect. Dwg.	90701-2



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CSA Certified --------- Canadian File #12964C ------- USA File #8873C