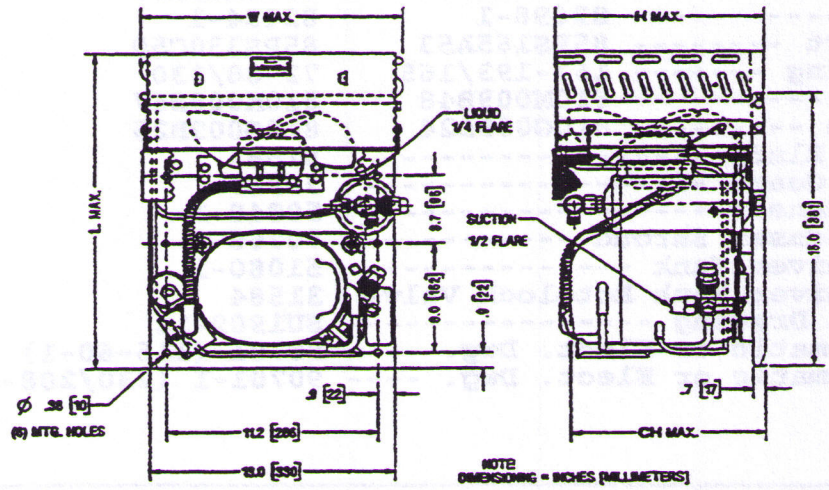
TECUMSEH HERMETIC CONDENSING UNITS

Date: 9-5-95

MODEL AKA9433EXC (Formerly AK9433EC) R-22 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.				
AKA9433E**XC	17.4	14.0	10.9	10.2	½ F	¼ F	3.4 #	350	17	71

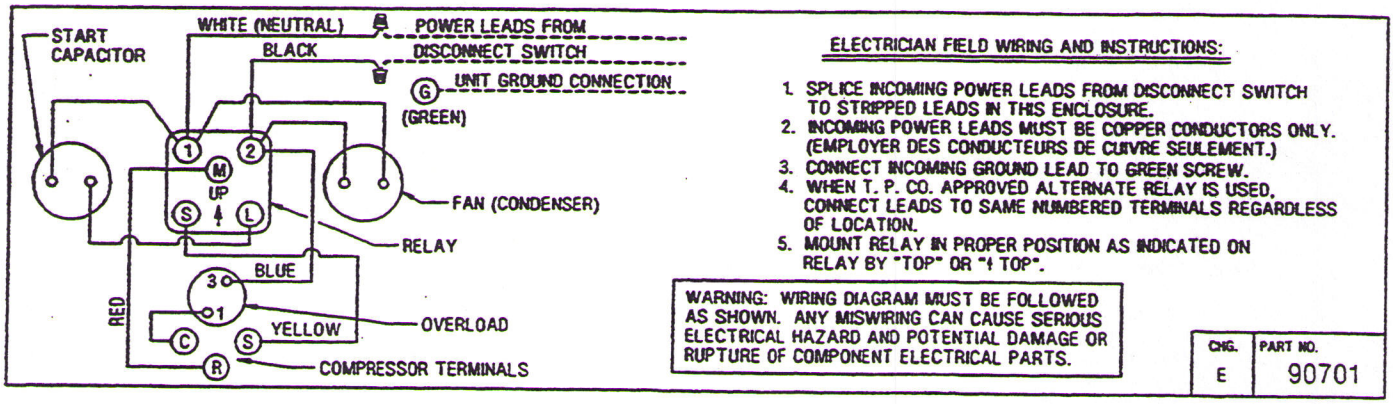
*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections
Factory charge: 20 psig nitrogen - **MUST BE EVACUATED** 60 HZ Performance

Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
-10	16.5	1220	435	190	940	420	215	630	400	245
-5	20.0	1560	465	195	1250	450	225	930	435	250
0	24.0	1890	495	205	1560	485	230	1240	470	260
5	28.2	2220	530	210	1880	520	240	1560	510	270
10	32.8	2580	570	220	2200	560	250	1880	555	280
15	37.7	2940	505	230	2530	505	260	2210	600	290
20	43.0	3320	550	240	2880	550	270	2560	550	300
25	48.8	3710	590	250	3250	595	280	2900	600	315
30	54.8	4030	630	265	3640	640	295	3280	650	330
35	61.5	4600	675	275	4070	690	305	3690	700	345
40	68.5	5100	720	290	4530	735	320	4120	755	355
45	76.0	5710	765	300	5090	785	335	4620	810	370

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

Date: 9-6-95

SPECIFICATIONS	AKA9433EXAXC	AKA9433EXDXC
Nominal Voltage	115-60-1	230/208-60-1
Unit B/M	2B298-1	2B299-1
Voltage Range	126.5 to 103.5	253 to 187
Min. Circuit Ampacity	9.6	4.9
Max. Fuse Size (Amps)	15	15
Compressor Model	AKA9428EXA	AKA9428EXD
Bill of Material	AK164AT-035-P2	AK164ET-035-P2
RLA/LRA	7.25/48.0	3.7/23.0
Relay Box Assy.	AE1227-9A	AE1227-11A
Overload	8300CRTK87	8300MRPK89
Relay	82498-1	82484-1
Cap. Start	85PS165A53	85PS330C50
Rating	161-193/165	72-88/330
Fan Motor	810M009B48	810M009B47
Alternate	810G009B24	810G009B25
Fan Blade		51551
Fan Guard		70959
Condenser		50840-1
Condenser Shroud		70766-1
Receiver Tank		51080-1
Receiver Tank Rotolock Valve		31584
Unit Drawing		SU1909-12
Schematic or Elect. Dwg.		90701 (115-60-1)
Schematic or Elect. Dwg.		90701-1 (230/208-60)

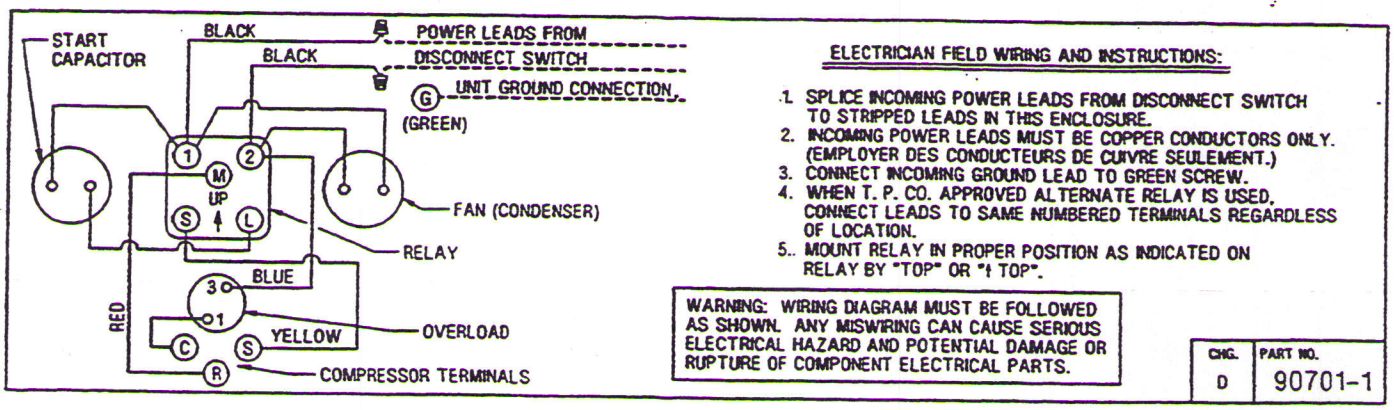


ELECTRICIAN FIELD WIRING AND INSTRUCTIONS:

1. SPLICE INCOMING POWER LEADS FROM DISCONNECT SWITCH TO STRIPPED LEADS IN THIS ENCLOSURE.
2. INCOMING POWER LEADS MUST BE COPPER CONDUCTORS ONLY. (EMPLOYER DES CONDUCTEURS DE CUIVRE SEULEMENT.)
3. CONNECT INCOMING GROUND LEAD TO GREEN SCREW.
4. WHEN T. P. CO. APPROVED ALTERNATE RELAY IS USED, CONNECT LEADS TO SAME NUMBERED TERMINALS REGARDLESS OF LOCATION.
5. MOUNT RELAY IN PROPER POSITION AS INDICATED ON RELAY BY "TOP" OR "↑ TOP".

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

CHG.	PART NO.
E	90701



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CHG.	PART NO.
D	90701-1