



Tecumseh Products Company Hermetic Condensing Unit

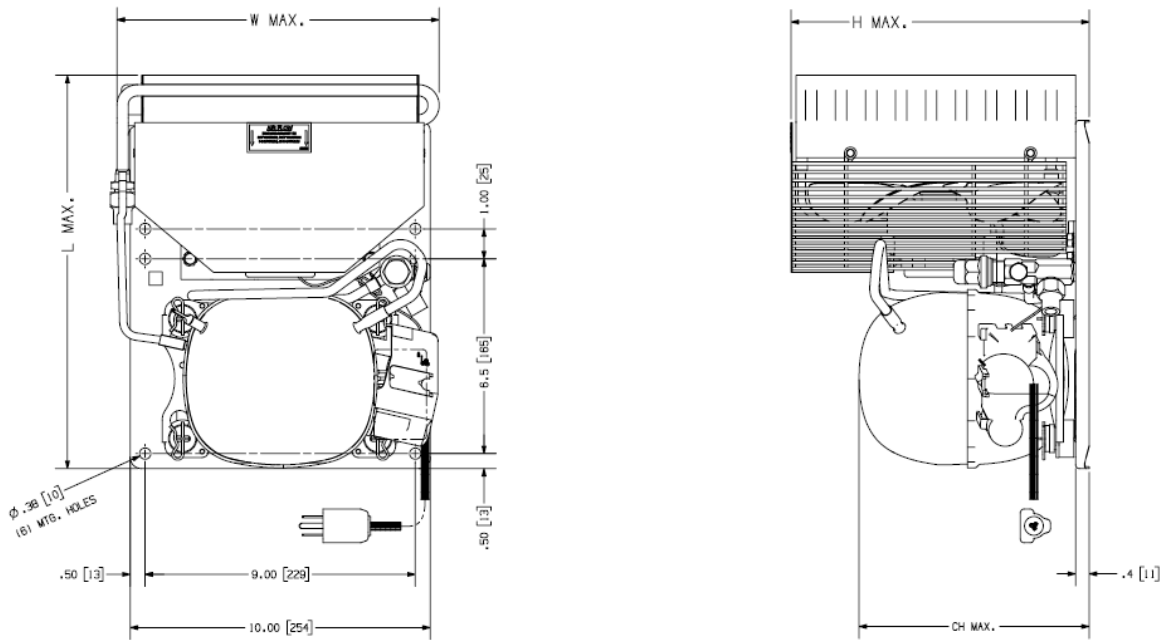
Tecumseh

Model: THA0410YXAXA

BoM: 2A525-1B

R-134a

1/5 HP



Model	Dimensions, inches				Line Connection*		Pumpdown	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
THA0410YXAXA	13.1	10.7	9.9	7.7	3/8" F	3/8" F	N/A	240	8.2	28

* F = Flare, S = Solder, RF or RS = Rotolock with Flare or Solder Connections, C = Compression Fitting

Factory charge: 20 PSIG Nitrogen – **MUST BE EVACUATED**

Evaporator T,		Ambient Temperatures											
		80°F			90°F			100°F			110°F		
°F	PSIG	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
20	18.4	1290	230	104	1210	230	113	1120	240	122	1030	240	131
25	22.1	1440	240	107	1350	240	115	1250	250	124	1160	250	133
30	26.1	1590	250	109	1490	250	117	1390	260	126	1280	270	135
35	30.4	1750	260	112	1640	270	120	1530	280	129	1410	280	137
40	35.0	1910	270	114	1790	280	122	1660	290	131	1540	300	139
45	40.0	2080	290	117	1940	300	125	1810	310	133	1670	310	142
50	45.4	2250	300	120	2100	310	128	1960	320	136	---	---	---
55	51.1	2430	320	123	2270	330	130	2110	340	139	---	---	---

60 Hz Performance

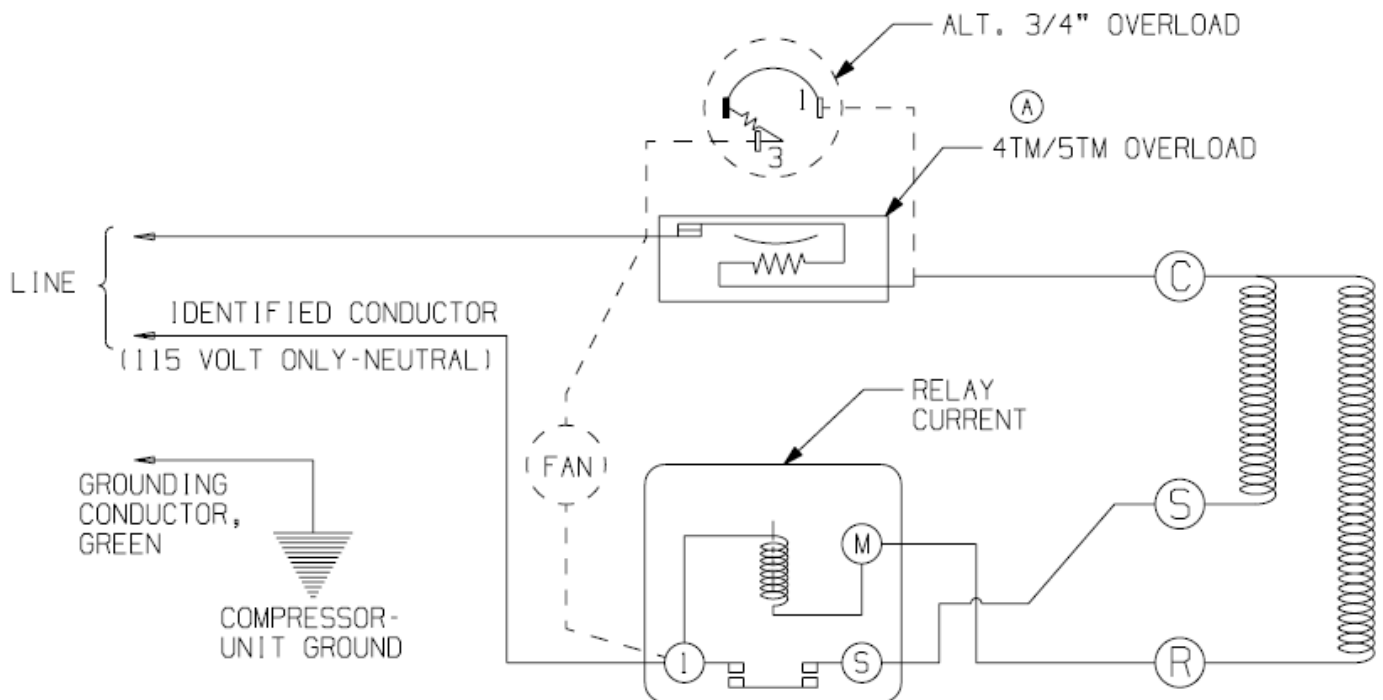
Return gas temp. 65°F, 5°F sub cooling

Specifications/ Parts:

Unit Model	THA0410YXAXA
Unit Bill of Material	2A525-1B
Refrigeration Range	20 F to 55° F
Design Pressure Low	150
Design Pressure High	450
Nominal Volts-Hz-Ph	115/60/1
Voltage Range	103-127
Min. Circuit Ampacity	2.8
Max. Fuse Size (amps)	15
Compressor Model	THA0410YXA
Comp. Bill of Material	TH750AR-340-J7HV
Compressor RLA/LRA	3/25.3
Overload	T28306-23-ZP
Relay	RP5515-ZR
Run Capacitor	N/A
Start Capacitor	N/A

Fan Motor	810M006C25
Fan Motor RLA	0.46
Fan Blade	51567
Fan Shroud	N/A
Fan Guard	N/A
Condenser	50801-6
Liquid Valve	N/A
Suction Valve	56533-4
Power Cord	85106-10
Unit Drawing	DGU1896-248
Wiring Diagram	MD472-93
Replacement Kit: Relay	K71-79
Replacement Kit: O/L	K90-105
Replacement Kit: St. Cap	N/A

Electrical Diagram



115 OR 230 V SCHEMATIC WIRING DIAGRAM - RSIR