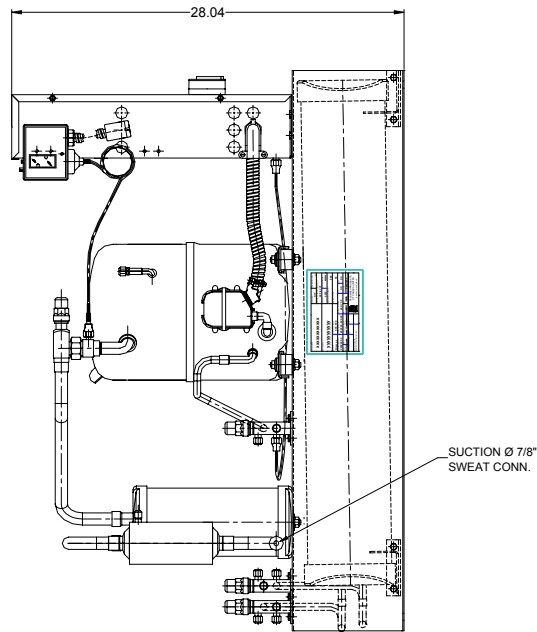
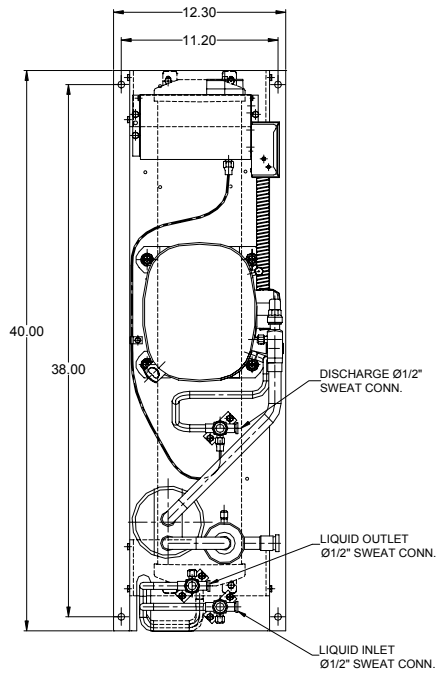
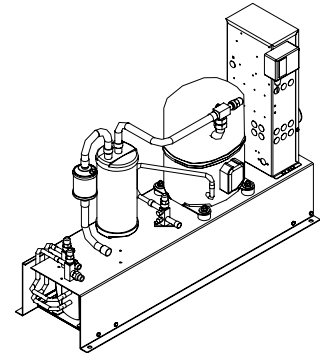




# TECUMSEH HERMETIC CONDENSING UNIT

AWA2440ZXTRL  
TPC\_\_rev 01  
July 13, 2004

**Model** AWA2440ZXTRL  
**BOM** 2R1121-2  
**Remote Condenser** 1 HP  
**Application** Low Temp  
**Refrigerant** R 404A



Model	Dimensions (inch)			Line connections		Pumpdown	Oil Ch.	Gross weight
	L	W	H	Suction	Liquid In/Out	90% @ 90°F	Oz.	Lbs.
<b>AWA2440ZXTRL</b>	40.00	12.25	28.04	5/8 Sweat	1/2 Sweat	33.50	38	180

Factory charge 20 psig dry air, **MUST BE EVACUATED**

Evaporator	Condensing Temperatures													
	90°F		95°F		100°F		110°F		120°F		130°F		140°F	
°F	BTUH	Watts	BTUH	Watts	BTUH	Watts	BTUH	Watts	BTUH	Watts	BTUH	Watts	BTUH	Watts
-40	1603	810	1446	768	1288	677	977	620	672	508	378	358	98	159
-30	2867	909	2594	873	2322	838	1780	769	1244	888	719	579	208	428
-20	4578	1055	4185	1027	3793	1002	3011	957	2236	905	1471	831	718	718
-15	5586	1142	5131	1116	4678	1095	3773	1060	2874	1021	1986	963	1111	870
<b>-10</b>	<b>6688</b>	<b>1234</b>	<b>6171</b>	<b>1211</b>	<b>5654</b>	<b>1194</b>	<b>4624</b>	<b>1167</b>	<b>3600</b>	<b>1140</b>	<b>2586</b>	<b>1096</b>	<b>1585</b>	<b>1021</b>
0	9150	1431	8504	1412	7859	1399	6571	1387	5289	1380	4017	1361	2757	1317
5	10498	1532	9786	1513	9075	1503	7654	1496	6240	1497	4835	1490	3443	1459
10	11916	1632	11137	1614	10359	1604	8804	1602	7255	1609	5716	1612	4189	1595

Performance @ 60 Hz, --- ReturnGas 40°F, --- SubCooling 0°F

Parts/Specifications

STANDARD		OPTIONAL	
Unit BOM	2R1121-2	Fan Motor	NUT6B09PUN201
Unit MODEL	AWA2440ZXTRL	Fan Motor RLA	0.35
		Fan Blade	4VEA010
Refrigeration RANGE	-40F TO +10F		
Design Pressure Low	181	High Pressure switch	84095-2
Design Pressure High	450	Low Pressure Control	84026-D
Volts - HZ - Ph	200-230-60-3	Dual Pressure Control	
Voltage Range	253 - 180		
Min. Circuit Ampacity	6.7	Receiver	51083
Max. Fuse Size	15	Accumulator	TK00042000
		Receiver In Valve	56566
Compressor MODEL	AWA2440ZXTR	Receiver Out Valve	56566
Compressor BOM	AW610RT-121-A4	Discharge Valve	56566
Compressor LRA	40.5	Suction Valve	31531-1
Compressor RLA	4.9	Process Valve	
		Suction Filter (5/8)	70822-5S
OverLoad	Internal		
Relay		CrankCase Heater	91022-1
Run Capacitor			
Run Capacitor Rating			
Start Capacitor			
Start Capacitor Rating			
Contactor	91014		
Unit Drawing	DGU1918-2R		
Wiring no Fan controls	WD23-RT2		

BOM INDEX DESCRIPTION

2Rxxxx-2TnDS

- T1 Defrost timer option
- T2 Defrost timer & Defrost Heaters Contactor
- D Disconnect
- S Solenoid liquid Valve (supplied loose)

**WARNING:** Installer must validate that tubing is sized in such a manner to insure adequate oil return. Oil level may require adjustment for long pipe runs.

