

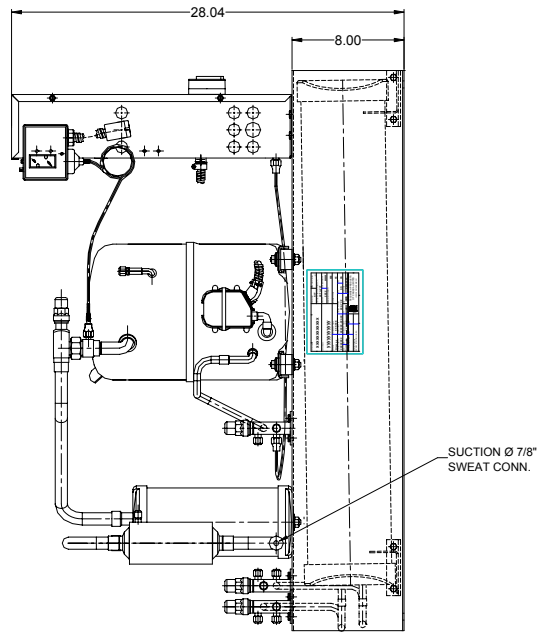
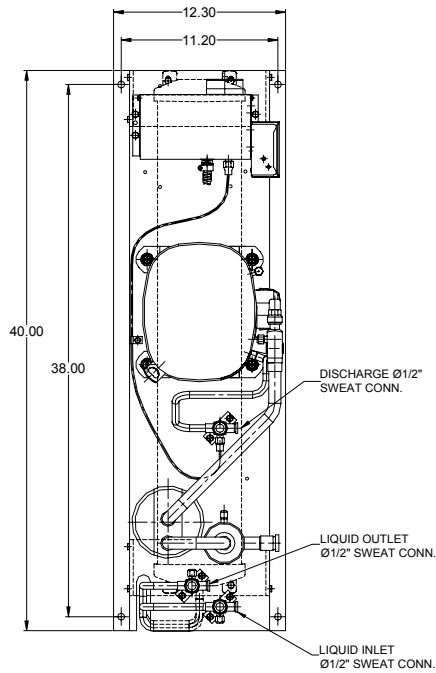
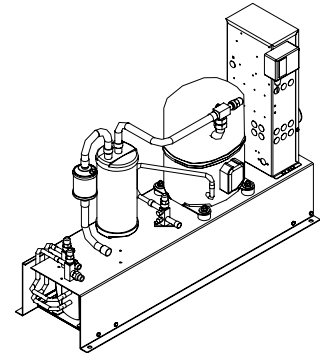


TECUMSEH HERMETIC CONDENSING UNIT

AWG4530EXTRL
TPC__rev 01
July 13, 2004

Model **AWG4530EXTRL**
BOM **2R2107-2**

Remote Condenser **2 1/2 HP**
Application **High Temp**
Refrigerant **R 22**



Model	Dimensions (inch)			Line connections		Pumpdown	Oil Ch.	Gross weight
	L	W	H	Suction	Liquid In/Out	90% @ 90°F	Oz.	Lbs.
AWG4530EXTRL	40.00	12.25	28.04	5/8 Sweat	1/2 Sweat	38.50	38	180

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

Evaporator	Condensing Temperatures													
	95°F		100°F		110°F		115°F		120°F		130°F		140°F	
°F	BTUH	Watts	BTUH	Watts	BTUH	Watts	BTUH	Watts	BTUH	Watts	BTUH	Watts	BTUH	Watts
5	13818	1729	13178	1753	11925	1802	11316	1827	10723	1854	9588	1910	8524	1873
10	15996	1832	15341	1866	14051	1935	13421	1970	12804	2006	11618	2080	10510	2161
20	20896	2018	20171	2070	18727	2175	18015	2227	17311	2280	15939	2388	14631	2500
30	26611	2182	25761	2251	24057	2386	23208	2453	22364	2521	20700	2657	19084	2795
40	33248	2331	32219	2413	30148	2574	29109	2654	28071	2734	26008	2892	23976	3053
45	36945	2402	35808	2490	33512	2662	32358	2747	31203	2831	28900	3000	26621	3169
50	40913	2471	39653	2564	37106	2746	35824	2836	34539	2925	31969	3102	29415	3279
55	45165	2540	43769	2637	40944	2828	39520	2922	38091	3014	35228	3199	32372	3382

Performance @ 60 Hz, SuperHeat 20°F, --- SubCooling 15°F, --- Ambient 95°F

Parts/Specifications

STANDARD		OPTIONAL	
Unit BOM	2R2107-2	Fan Motor	
Unit MODEL	AWG4530EXTRL	Fan Motor RLA	
		Fan Blade	
Refrigeration RANGE	+20F TO +55F		
Design Pressure Low	150	High Pressure switch	84095-1
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	11.0	Receiver	51083
Max. Fuse Size	20	Accumulator	TK00042000
		Receiver In Valve	56566
Compressor MODEL	AWG5530EXT	Receiver Out Valve	56566
Compressor BOM	AW707RT-120-A2	Discharge Valve	56566
Compressor LRA	63.4	Suction Valve	31531-1
Compressor RLA	8.7	Process Valve	31583-1
		Suction Filter	70822-6S
OverLoad	Internal		
Relay		CrankCase Heater	91022-1
Run Capacitor			
Run Capacitor Rating			
Start Capacitor			
Start Capacitor Rating			
Contactor	91014		
Unit Drawing	DGU1918-1R		
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.

