



Tecumseh Products Company

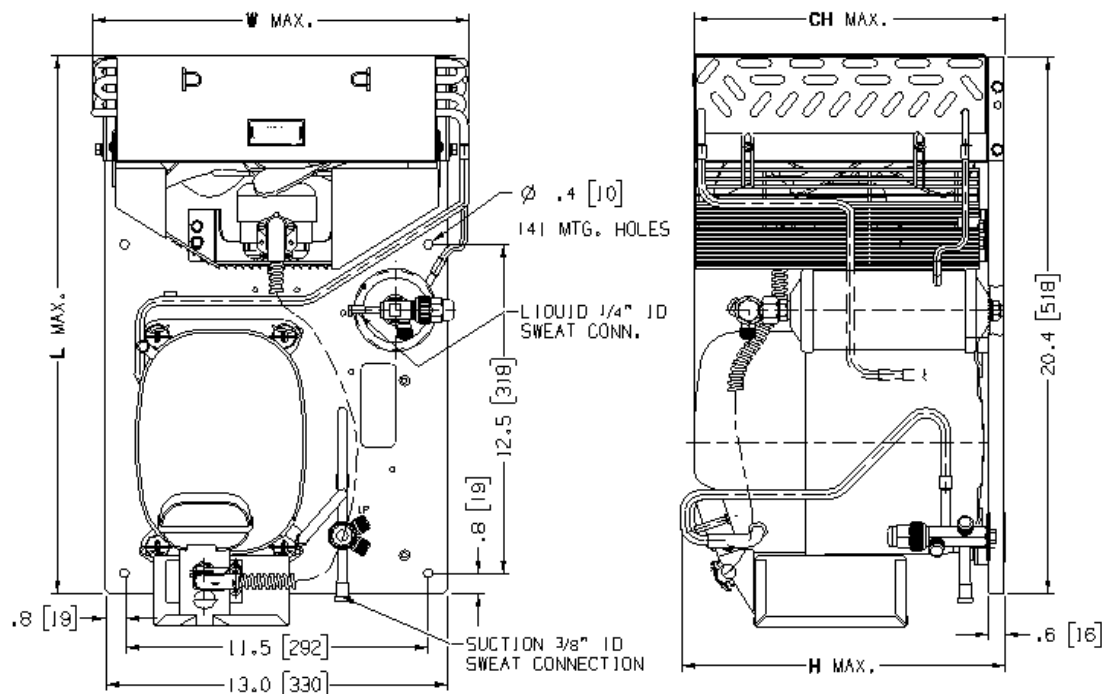
Hermetic Condensing Units

Model: AJB2441ZXAXC

R-404A

1 HP

AIR COOLED



Note: Dimensioning = Inches [mm]

Model	Dimensions, inches				Line Connection*		Pump down	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
AJB2441ZXAXC	20.4	14.3	12.3	11.8	3/8" Sweat	1/4" Sweat	3.6 lb	385	26	100

* F = Flare, S = Solder, RF or RS = Rotolock with Flare or Solder Connections, C = Compression Fitting
 Factory charge: 20 PSIG Nitrogen – **MUST BE EVACUATED**

60 Hz Performance

Evaporator		Ambient Temps															
		80°F				90°F				100°F				110°F			
T, °F	PSIG	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T
-40	4.5	2058	704	203	90	1773	694	233	99	1490	676	265	108	1231	654	301	118
-35	7.1	2425	763	208	92	2119	759	238	101	1814	747	270	110	1525	728	307	119
-30	9.9	2816	828	214	94	2484	828	244	102	2152	822	276	111	1831	806	313	121
-25	13.0	3231	896	221	96	2867	900	251	104	2504	900	283	113	2148	887	320	122
-20	16.3	3671	969	228	98	3269	977	258	106	2871	981	291	115	2477	973	327	124
-15	20.0	4135	1047	236	100	3689	1058	267	109	3251	1065	300	117	2817	1063	336	126
-10	24.0	4622	1128	246	103	4127	1143	276	111	3645	1153	310	120	3169	1156	345	128
-5	28.3	5134	1214	256	106	4583	1231	286	114	4053	1244	320	122	3533	1253	355	130
0	33.0	5671	1305	266	109	5058	1324	297	117	4476	1338	332	125	3908	1354	365	132
5	38.1	6231	1400	278	112	5551	1421	308	120	4912	1435	345	128	4295	1459	377	135
10	43.6	6815	1499	291	115	6063	1522	320	123	5363	1536	358	131	4693	1568	389	138

Return gas temp. 40°F, 5°F sub cooling

Specifications:

Model	AJB2441ZXAXC
Nominal Volts-Hz-Ph	115/60/1; 100/50/1
Unit Bill of Material	2B1132-44
Voltage Range	103 to 127
Min. Circuit Ampacity	12.9
Max. Fuse Size (amps)	20
Compressor Model	AJB2433ZXA
Comp. Bill of Material	AJ604AF-436-A2
Alt. Comp. Bill of Mat.	N/A
Compressor RLA/LRA	9.2 / 62.0
Overload	8300CSTR24
Relay	820ARR3J82
Alternate Relay	N/A
Start Capacitor	85PS165C42
Start Capacitor Rating	233-280µf - 165V

Run Cap.	85PR370F23 or ..F54
Run Cap. Rating	30µf - 370V
Receiver Tank	51080-1
Receiver Tank Valve	31589-1 (1/4" Sweat)
Receiver Tank O'ring	30334
Suction Rotolock Valve	56607 (3/8" Sweat)
Fan Motor	810M035B69
Fan RLA	1.40 Amp's
Fan Blade	51569
Condenser	50872
Fan Shroud	71094
Fan Guard	71095
Unit Drawing	SU1893-55
Electrical Drawing	90657

