



Tecumseh Products Company

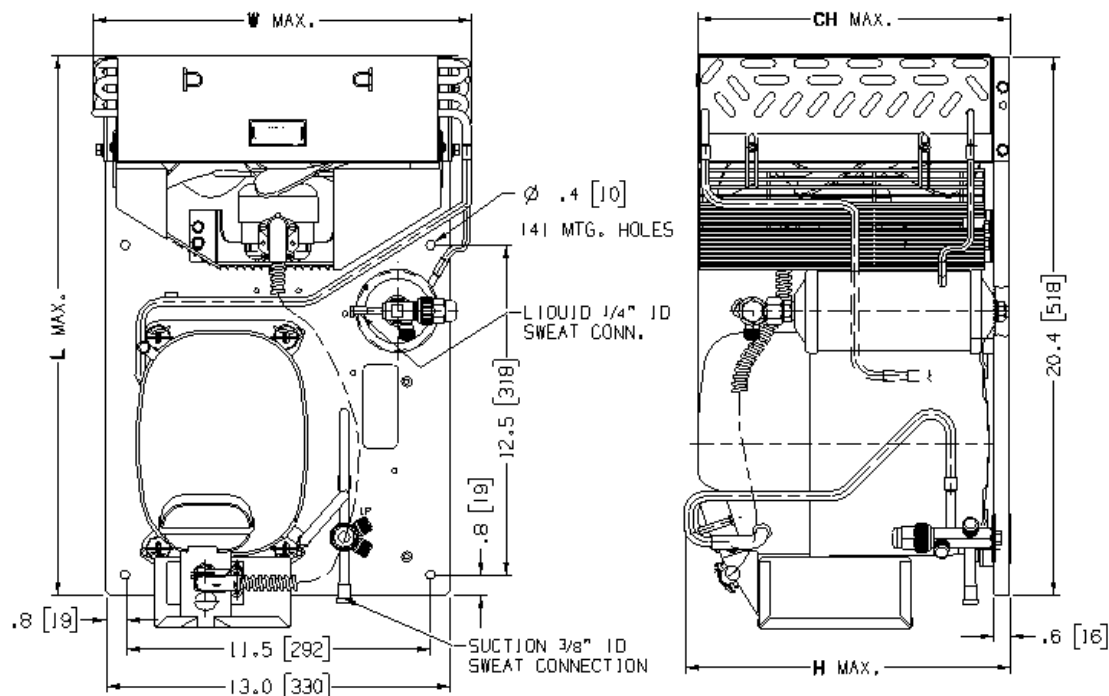
Hermetic Condensing Units

Model: AJB2450ZDXC

R-404A

1 ¼ HP

AIR COOLED



Note: Dimensioning = Inches [mm]

Model	Dimensions, inches				Line Connection*		Pumpdown	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
AJB2450ZDXC	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	2551	949	212	93	2243	938	240	101	1928	923	273	110	1608	908	310	120
-35	7.1	3021	1028	219	95	2671	1021	248	104	2328	1010	281	113	1975	997	318	122
-30	9.9	3507	1112	227	98	3114	1108	257	106	2737	1102	290	115	2347	1090	326	124
-25	13.0	4010	1200	236	100	3570	1201	266	109	3154	1198	299	117	2724	1190	335	126
-20	16.3	4529	1293	245	103	4040	1298	276	111	3578	1300	310	120	3106	1295	345	128
-15	20.0	5064	1391	256	106	4524	1401	287	114	4011	1407	321	122	3492	1406	356	130
-10	24.0	5616	1494	267	109	5022	1509	298	117	4451	1519	333	125	3884	1523	368	133
-5	28.3	6184	1602	278	112	5534	1622	310	120	4899	1637	346	128	4280	1645	381	136
0	33.0	6769	1714	291	115	6060	1740	323	123	5356	1759	359	131	4681	1773	395	138
5	38.1	7369	1831	304	119	6600	1863	337	126	5820	1886	374	134				
10	43.6	7987	1954	319	122	7154	1991	351	129	6292	2018	389	137				

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

Specifications:

Model	AJB2450ZDXC
Nominal Volts-Hz-Ph	208-230/60/1
Unit Bill of Material	2B1134-44
Voltage Range	187 to 253
Min. Circuit Ampacity	8.9
Max. Fuse Size (amps)	15
Compressor Model	AJB2444ZXD
Comp. Bill of Material	AJ605EF-436-A2
Alt. Comp. Bill of Mat.	N/A
Compressor RLA/LRA	6.50/55.0
Overload	8300GA3S29
Relay	820ARR3K15
Alternate Relay	N/A
Start Capacitor	85PS330D15
Start Capacitor Rating	124-149 μ f - 330V

Run Cap.	85PR370E35 or ..F39
Run Cap. Rating	20 μ f - 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	810M035B68
Fan RLA	0.70 Amp's
Fan Blade	51569
Condenser	50872
Fan Shroud	71094
Fan Guard	71095
Unit Drawing	SU1893-55
Electrical Drawing	90657-1

