



Tecumseh

Indoor Condensing Unit Technical Datasheet

JULY 20, 2021
Revision: REL

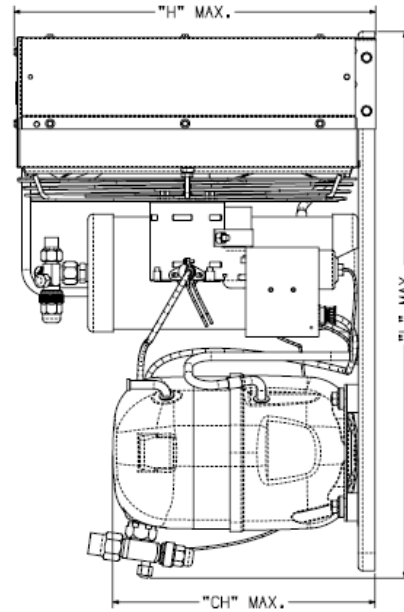
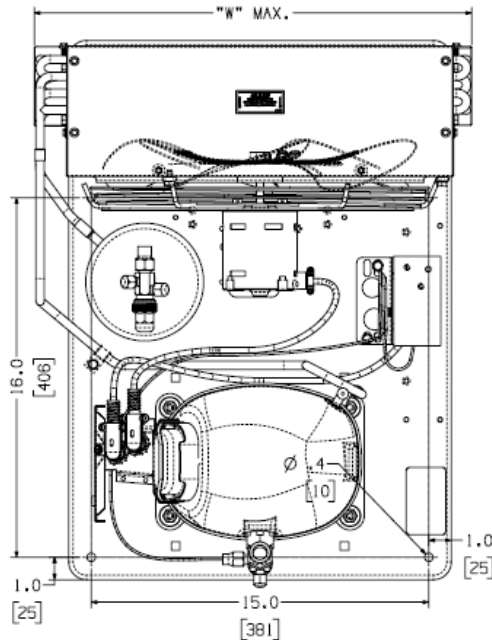
Model: AJ7494Z-XD3AXC

BoM: 29B1174-1

R-404A

1HP

Air Cooled



Model	Dimensions, inches				Line Connection*		Pumpdown	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
AJ7494Z-XD3AXC	24.3	19.4	16.1	11.7	5/8" F	3/8" F	11.03 lbs	840	16	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**

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
-10	23.6	5720	1284	96	4881	1273	104	4085	1230	112	3423	1193	120
-5	27.9	6551	1352	98	5627	1373	106	4816	1345	114	4023	1322	122
0	32.6	7355	1435	100	6352	1473	108	5500	1459	116	4607	1442	125
5	37.7	8152	1529	102	7074	1573	110	6158	1573	118	5188	1558	127
10	43.2	8963	1630	105	7810	1674	113	6813	1686	120	5776	1672	129
15	49.1	9806	1735	107	8578	1777	115	7485	1799	123	6384	1788	131
20	55.4	10701	1842	110	9396	1883	118	8198	1913	125	7025	1910	133
25	62.2	11666	1945	112	10279	1993	120	8972	2027	127	7709	2039	135
30	69.6	12720	2043	115	11247	2107	123	9830	2142	130	8451	2180	137
35	77.2	13884	2132	117	12315	2226	125	105795	2258	132	9260	2336	140
40	85.5	15176	2208	119	13503	2351	127	11886	2375	135	10150	2510	142

60 Hz Performance

Return gas temp 40°F below 20°F evaporator,
and 65°F above 20° evap, 5°F sub cooling

