



Indoor Condensing Unit

Technical Datasheet

JUNE 22, 2021
Revision: REL

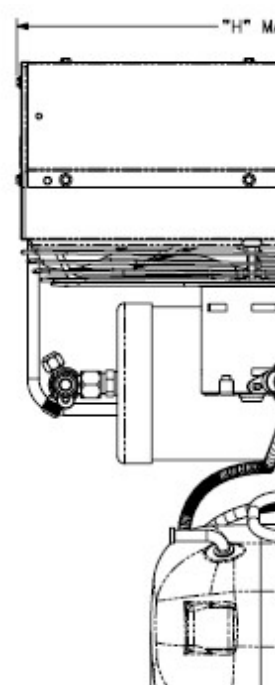
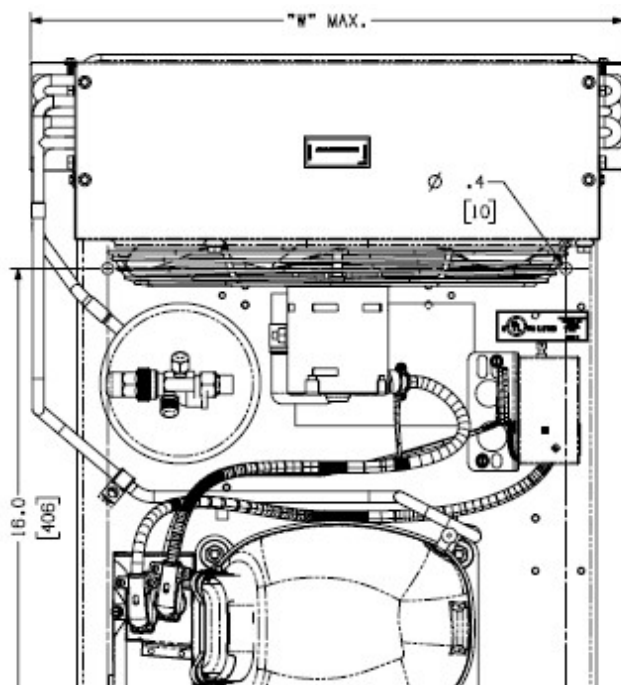
Model: AJ7494Z-XD3AXC

BoM: 392B1106-1

R-404A

1 HP

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**

Ambient Temperatures													
Evaporator T,		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

60 Hz Performance

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

Specifications/ Parts:

Model	AJ7494Z-XD3AXC
Unit Bill of Material	392B1106-1
Nominal Volts-Hz-Ph	208-230-60-1
Refrigeration Range	-10° F to +30° F
Design Pressure Low	181
Design Pressure High	450
Voltage Range	187 to 253
Min. Circuit Ampacity	18.1
Max. Fuse Size (amps)	30
Compressor Model	AJ7494Z-XD3A
Comp. Bill of Material	AJ7ZP1DF746P00-M
Compressor RLA/LRA	13.9 / 61.0
Overload	INTERNAL
Relay	8200RVAM25
Run Capacitor	85PR370F20
Start Capacitor	85PS250B87
Replacement Kit: Relay	K71-16
Replacement Kit: Start Cap	K146-09
Replacement Kit: Run Cap	K150-07
Unit Drawing	DGU1893-100
Wiring Diagram	90657-9

Fan Motor	810F050C20
Fan Motor RLA	0.7
Fan Blade	51533-3
Fan Guard	70831-1
Fan Shroud	70727-2
Low Pressure Control	84026-2
Dual Pressure Control	N/A
Condenser	50797-4
Receiver Tank	51081-1
Liquid Valve	31578-1
Rotolock Valve Gasket	30334
Suction Valve	31071-2

Electrical Diagram

