



Indoor Condensing Unit Technical Datasheet

October 4, 2022
Revision: Rev. A

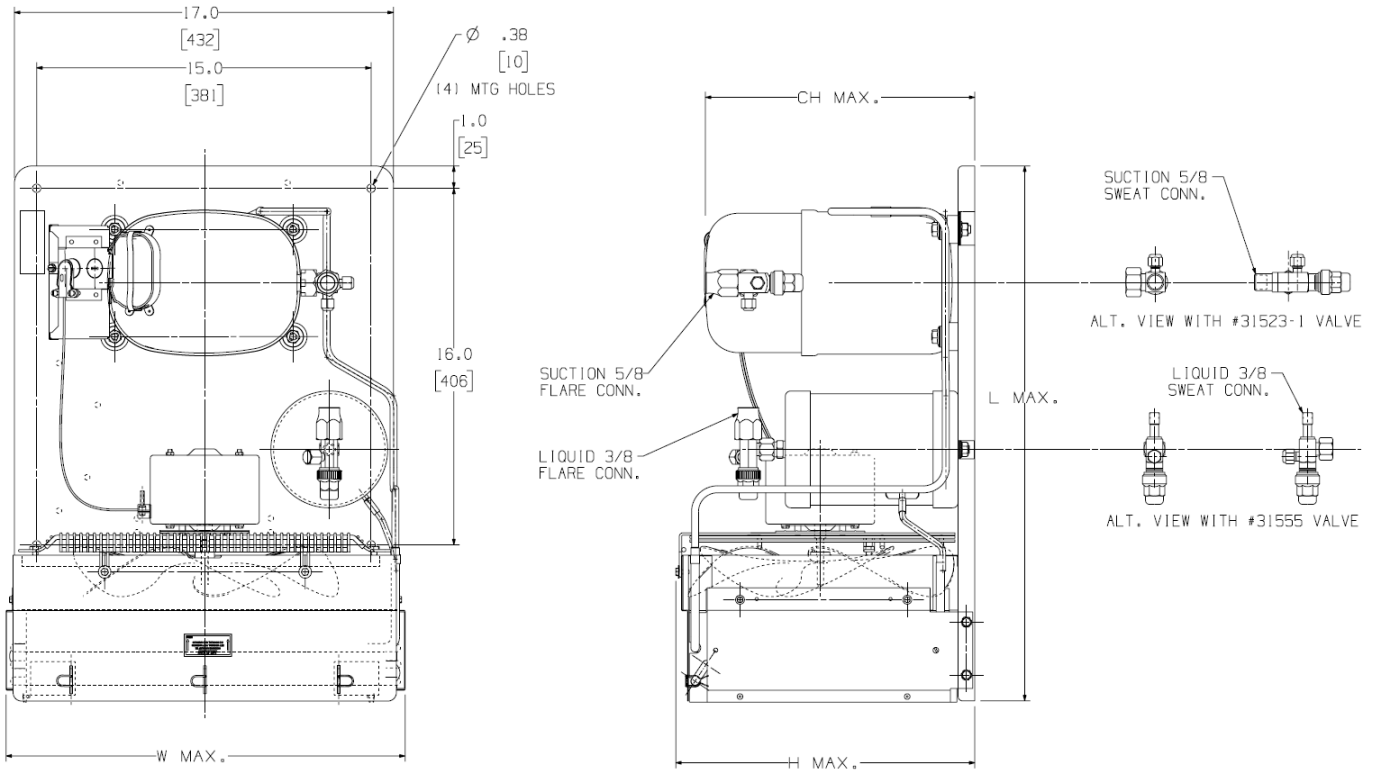
Model: AJA7480ZXDxE

BoM: 2B1184-1

R-404A

1 HP

AIRCOOLED



Model	Dimensions, inches				Line Connection*		Pump-down	Air	Oil Ch	AWEF	Unit Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.		Lbs.
AJA7480ZXDxE	24.1	17.8	13.4	11.5	5/8" S	3/8" S	6.0 lbs	600	26	---	120

* F = Flare, S = Solder, RF or RS = Rotolock with Flare or Solder Connections, C = Compression Fitting

Evaporator		R-404A Performance								
		90°F			100°F			110°F		
°F	PSIG	BTU/H	Watts	Cond T	BTU/H	Watts	Cond T	BTU/H	Watts	Cond T
-10	23.9	4330	1260	109	3600	1200	116	2850	1160	124
-5	28.2	4910	1350	112	4120	1300	119	3330	1275	126
0	32.8	5500	1440	114	4650	1420	122	3810	1390	130
5	37.9	6100	1550	117	5200	1530	125	4300	1520	132
10	43.3	6720	1660	119	5780	1650	127	4800	1640	135
15	49.2	7350	1780	123	6340	1775	130	5300	1770	137
20	55.5	7980	1900	125	6910	1900	133	5810	1900	139
25	62.2	8620	2020	129	7500	2030	136	---	---	---
30	69.3	9259	2149	132	8103	2165	138	---	---	---

60 Hz Performance
Return gas temp. 40°F, 5°F sub cooling

Specifications/ Parts:

Unit Model	AJA7480ZDXE
Unit Bill of Material	2B1184-1
Refrigeration Range	-10°F to 30°F
Design Pressure Low	181
Design Pressure High	450
Nominal Volts-Hz-Ph	208-230/60/1
Voltage Range	187 to 254
Min. Circuit Ampacity	12.2
Max. Fuse Size (amps)	20
Compressor Model	AJA7494ZXD
Comp. Bill of Material	AJ202ET-188-J7
Compressor RLA/LRA	9.2 / 54
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

Fan Motor	810F050C20
Fan Motor RLA	0.7
Fan Blade	51563
Fan Shroud	70736-1
Fan Guard	71062
Condenser	50802-6
Receiver Tank	51081
Liquid Valve	31555-1
Suction Valve	31523-2
Power Cord	N/A
H.P. Switch	N/A
Liquid Filter/Drier	N/A
Unit Drawing	DGU1893-24
Sales Drawing	SU1893-24
Wiring Diagram	90657-6

Electrical Diagram

