



Indoor Condensing Unit

Technical Datasheet

February 11, 2022
Revision: REL

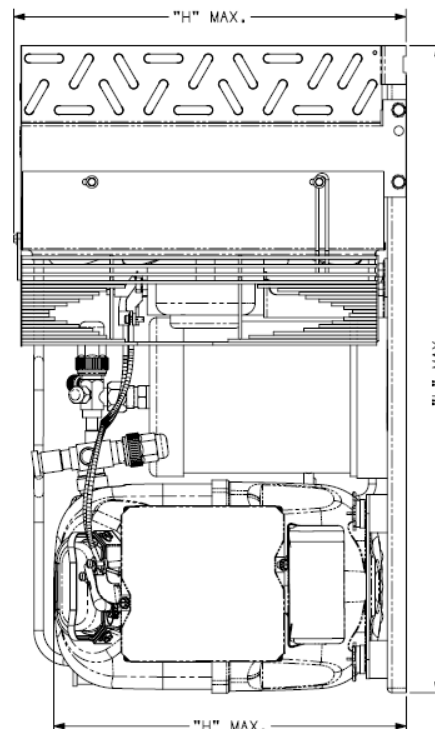
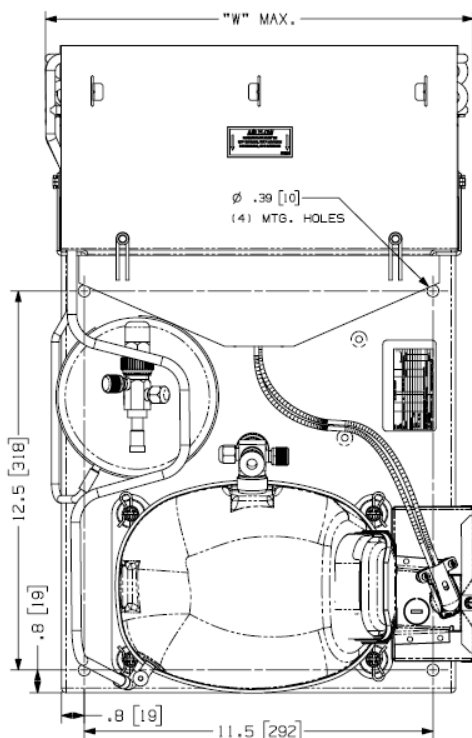
Model: AJ4492Y-NA1AXC

BOM: 392B726-1

R-134a

3/4 HP

Air Cooled



Model	Dimensions, inches				Line Connection*		Pump down	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	CFM	Oz.	Lbs.
AJ4492Y-NA1AXC	21.3	14.1	12.9	11.6	5/8" S	3/8" S	6.4 lbs.	590	16	95

* 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								
		90°F			100°F			110°F		
°F	PSIG	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
20	18.4	5120	940	150	4520	960	175	3960	960	200
25	22.1	5700	1020	160	5040	1030	180	4430	1040	210
30	26.0	6270	1080	170	5580	1100	190	4960	1120	220
35	30.3	6860	1160	180	6120	1180	200	5490	1200	230
40	35.0	7480	1230	190	6680	1260	210	6020	1280	240
45	40.0	8070	1300	200	7280	1340	220	6580	1370	250
50	45.3	8780	1380	210	7890	1420	230	7150	1460	260
55	51.1	9420	1470	220	8480	1510	240	7760	1550	270

60 Hz Performance

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

Specifications / Parts:

Unit Model	AJ4492Y-NA1AXC
Unit Bill of Material	392B726-1
Refrigeration Range	20°F to 55°F
Design Pressure Low	150
Design Pressure High	450
Nominal Volts-Hz-Ph	208-230/60/1
Voltage Range	187 to 254
Min. Circuit Ampacity	9.8
Max. Fuse Size (amps)	15
Compressor Model	AJ4492Y-XD1A
Comp. Bill of Material	AJ4YL1DF743P00-M
Compressor RLA/LRA	7.3 / 38
Overload	8300MRAH24
Relay	8200EMBJ96
Start Capacitor	85PS250C19
Run Capacitor	N/A
Unit Drawing	DGU1893-110T
Wiring Diagram	90432

Fan Motor	810M035B68
Fan Motor RLA	0.7
Fan Blade	51541-1
Guard	71020
Shroud	70724-2
Condenser	50798-4
Receiver Tank	51081
Liquid Valve	31581-1
Suction Valve	31590
Roto Lock Gasket	30234
Power Cord	N/A
Replacement Kit: Relay	K71-11
Replacement Kit: O/L	K90-91
Replacement Kit: St. Cap	K146-36
Replacement Kit: Run Cap	N/A

Electrical Diagram

