



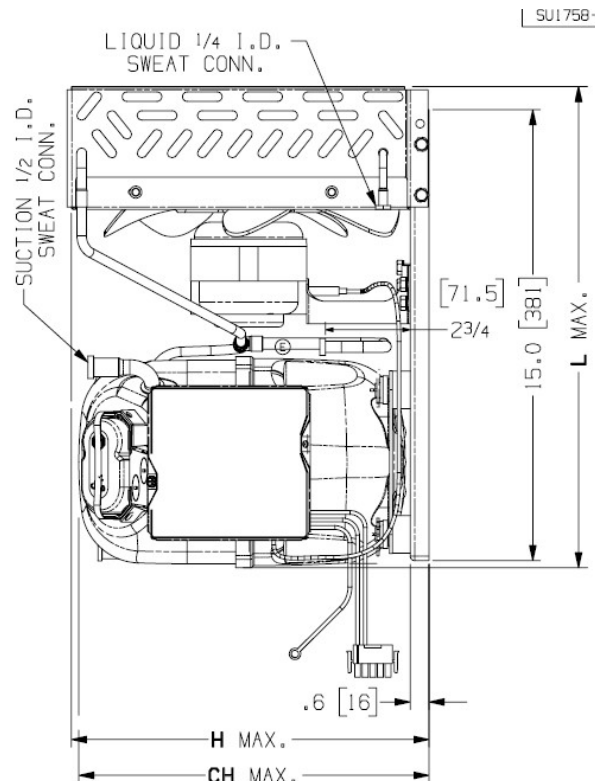
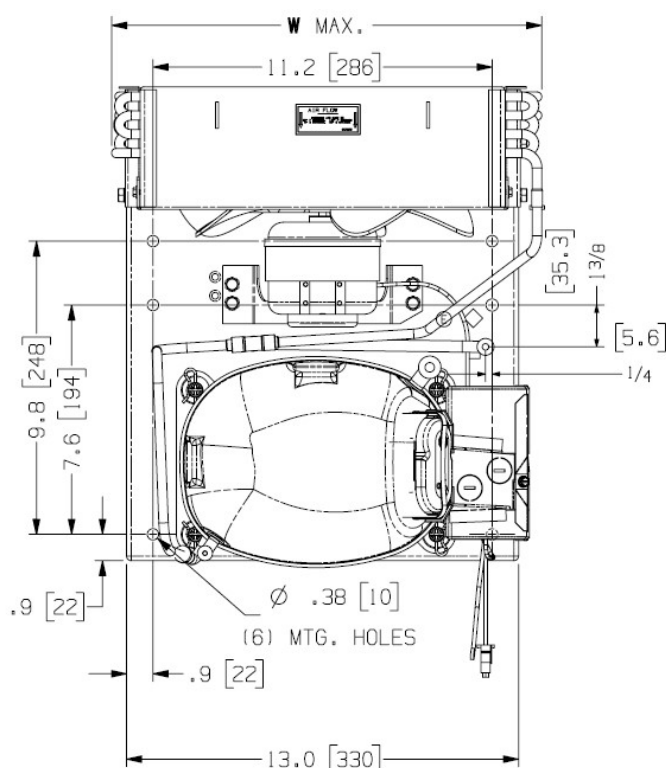
Indoor Condensing Unit Technical Data Sheet

Model: AJ4492Y-FZ1BXA

BoM: 29C736-1

R-134a / R-513A

3/4 HP



Model	Dimensions, inches				Line Connection*		Pumpdown	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
AJ4492Y-FZ1BXA	16.0	14.3	12.0	11.7	1/2" S	1/4" S	N/A	280	16.06	87

* 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,		R-134a Performance											
		Ambient Temperatures											
°F	PSIG	80°F			90°F			100°F			110°F		
		BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
20	18.4	5051	841	102	4599	860	111	4147	878	120	3696	896	129
25	22.1	5691	880	105	5191	904	114	4691	928	123	4191	952	132
30	26.1	6342	924	108	5794	953	117	5245	983	126	4697	1012	135
35	30.4	7004	972	112	6407	1007	120	5811	1042	129	5214	1077	138
40	35.1	7676	1025	115	7032	1065	124	6387	1106	132	5742	1146	141
45	40.1	8360	1082	118	7667	1128	127	6974	1174	135	6281	1220	144
50	45.5	9054	1144	121	8313	1196	130	7571	1248	138	6830	1299	147
55	51.3	9759	1211	125	8970	1268	133	8180	1325	141	7390	1382	150

50 Hz Performance

Return Gas 40°F for 20°F and Below Evaporator and 65°F above 20°F Evaporator, Sub cooling 5°F

Evaporator T,		R-513A Performance											
		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
20	22.4	5344	907	103	4871	927	112	4399	948	121	3926	968	130
25	26.4	5957	930	107	5434	955	115	4911	981	124	4388	1007	133
30	30.6	6580	963	110	6007	994	118	5433	1025	127	4860	1056	135
35	35.2	7212	1006	113	6588	1042	121	5964	1079	130	5340	1115	138
40	40.1	7853	1059	116	7178	1101	124	6503	1142	133	5829	1184	141
45	45.4	8502	1122	119	7777	1169	127	7052	1216	135	6326	1263	144
50	51.1	9161	1195	122	8385	1247	130	7609	1300	138	6833	1352	146
55	57.1	9828	1278	125	9002	1336	133	8175	1393	141	7349	1451	149

50 Hz Performance

Return Gas 40°F for 20°F and Below Evaporator and 65°F above 20°F Evaporator, Sub cooling 5°F

Specifications/ Parts:

Unit Model	AJ4492Y-FZ1BXA
Unit Bill of Material	29C736-1
Refrigeration Range	20 F to 55° F
Design Pressure Low	150
Design Pressure High	450
Nominal Volts-Hz-Ph	220-240/50/1
Voltage Range	198 to 253
Min. Circuit Ampacity	7.7
Max. Fuse Size (amps)	15
Compressor Model	AJ4492N-FZ1B
Comp. Bill of Material	AJ4NL1JF643P00-M
Compressor RLA/LRA	5.7/28
Overload	8300MSTS27
Relay	820-10178
Run Capacitor	N/A
Start Capacitor	85PS330E25

Fan Motor	810M035C01
Fan Motor RLA	0.54
Fan Blade	51569
Fan Shroud	71094-1
Fan Guard	N/A
Condenser	50872-1
Receiver Tank	N/A
Liquid Valve	N/A
Suction Valve	N/A
Nylon Plug	91061
HP Switch	N/A
Unit Drawing	DGU1758-85
Wiring Diagram	91363
Replacement Kit: Relay	N/A
Replacement Kit: O/L	N/A
Replacement Kit: St. Cap	N/A
Replacement Kit: Run Cap	N/A

Electrical Diagram

