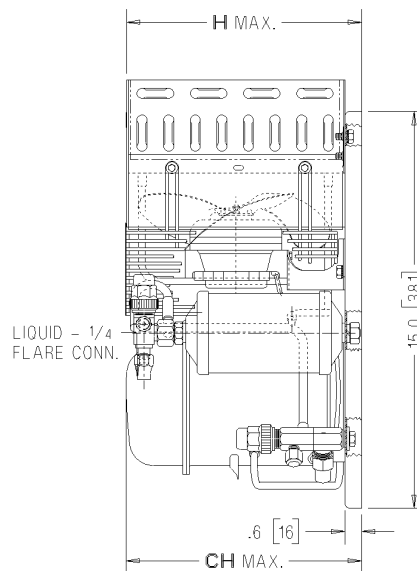
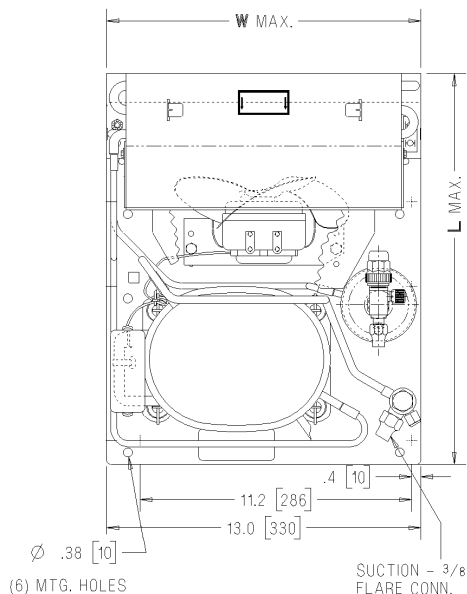




Tecumseh Compressor Company

Hermetic Condensing Units

Model: AEA2413ZX*XB**R-404A****1/3 HP****AIRCOOLED**

Note: Dimensioning = Inches

Model	Dimensions, inches				Line Connection*		Pumpdown	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
AEA2413ZX*XB	16.3	13	8.9	9	3/8"F	3/8"F	2.4 lbs	210	16	51

* F = Flare, S = Solder, RF or RS = Rotolock with Flare or Solder Connections, C = Compression Fitting
 Factory charge: 20 PSIG Nitrogen – **MUST BE EVACUATED**

60 Hz Performance

Evaporator T,		Ambient Temperatures											
		90°F				100°F				110°F			
°F	PSIG	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T
-30	9.9	850	350	240	102	740	355	272	110	630	355	308	120
-25	12.9	960	375	248	104	840	380	280	112	720	380	317	122
-20	16.3	1080	400	257	106	950	405	288	115	820	410	325	124
-15	19.9	1210	425	266	109	1060	430	298	117	930	435	335	126
-10	23.9	1340	450	275	111	1170	455	308	120	1020	460	345	128
-5	28.2	1470	475	285	114	1290	485	318	122	1120	490	355	130
0	32.8	1610	505	296	117	1410	510	330	125	1220	520	367	133
5	37.9	1740	530	309	120	1530	540	343	128	1320	550	380	136
10	43.3	1870	560	323	125	1650	570	358	131	1420	580	395	139

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

Specifications/ Parts:

Model	AEA2413ZDXB
Unit Bill of Material	2D390-1
Nominal Volts-Hz-Ph	208/230-60/1
Refrigeration Range	-30 To +10
Design Pressure Low	181
Design Pressure High	450
Voltage Range	197 to 253
Min. Circuit Ampacity	3.9
Max. Fuse Size (amps)	15
Compressor Model	AEA2411ZXD
Comp. Bill of Material	AE820ET-900
Compressor RLA/LRA	2.9 / 20.5
Overload	8300MRPD92
Relay	82790
Run Capacitor	N/A
Run Capacitor Rating	N/A
Start Capacitor	85PS250D08
Start Capacitor Rating	72-88 mfd/250 volt
Fan Motor	810M006B46
Fan Motor RLA	.23
Fan Blade	51561-1
Fan Guard	N/A
Fan Shroud	70854
High Pressure Switch	N/A
Low Pressure Control	N/A
Dual Pressure Control	N/A
Condenser	50794
Receiver Tank	51080
Liquid Valve	31589-1 (roto lock)
Rotolock valve gskt	30334
Liquid Filter	N/A
Sight Glass	N/A
Suction Valve	56580-1 (base valve)
Unit Drawing	SU1896-106
Wiring Diagram	DEAE10

Model	AEA2413ZXCXB
Unit Bill of Material	2D369-1
Nominal Volts-Hz-Ph	220/240-50/1
Refrigeration Range	-30 To +10
Design Pressure Low	181
Design Pressure High	450
Voltage Range	198 to 264
Min. Circuit Ampacity	3.5
Max. Fuse Size (amps)	15
Compressor Model	AEA2411ZXC
Comp. Bill of Material	AE820JT-900
Compressor RLA/LRA	2.6 / 16.1
Overload	8300MRAL58
Relay	82476
Run Capacitor	N/A
Run Capacitor Rating	N/A
Start Capacitor	85PS220D02
Start Capacitor Rating	72-88 mfd/220 volt
Fan Motor	810M006B46
Fan Motor RLA	.23
Fan Blade	51561-1
Fan Guard	N/A
Fan Shroud	70854
High Pressure Switch	N/A
Low Pressure Control	N/A
Dual Pressure Control	N/A
Condenser	50794
Receiver Tank	51080
Liquid Valve	31589-1 (roto lock)
Rotolock valve gskt	30334
Liquid Filter	N/A
Sight Glass	N/A
Suction Valve	56580-1 (base valve)
Unit Drawing	SU1896-106
Wiring Diagram	DEAE10

