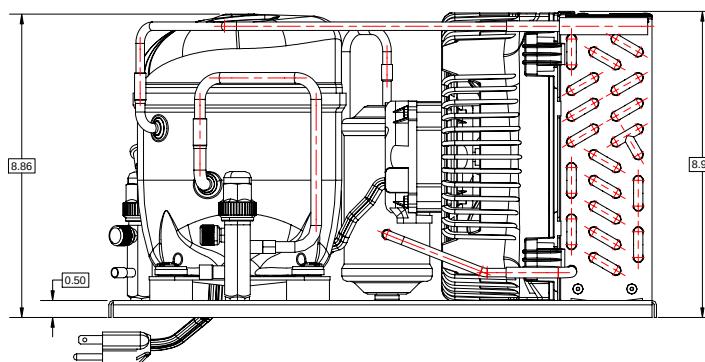
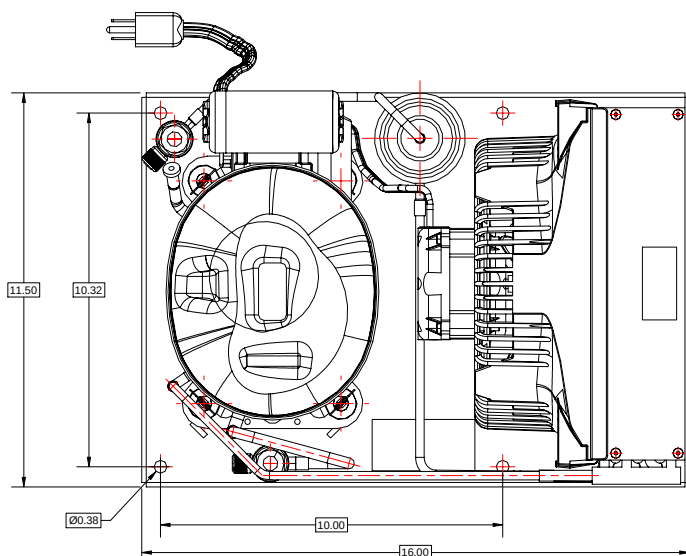
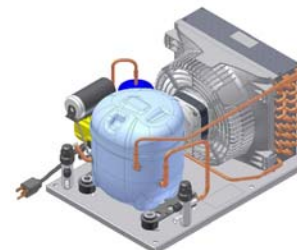




CELSEON® LOW PROFILE CONDENSING UNIT



Model	AE2410Z-AA1ASK, -SB, -SC, -SS
BOM	32F416-39S, -49S, -59S, -69S
Air Cooled	1/4 HP
Application	Low Temp
Refrigerant	R404A
Volts-Hz-Ph	115-60-1



Model	Dimensions, inches (mm)			Line Connections		Pumpdown	AirFlow	Oil Ch.	Gross weight		
	L	W	H	Suction	Liquid	90% @90°F	CFM	Oz.	Lbs. (kg)		
AE2410Z-AA1ASK	16.0 (406)	11.5 (292)	8.9 (226)	5/16" Sweat	1/4" Sweat	n/a	190	9.5	38.1 (17.3)		
AE2410Z-AA1ASB						1.36			38.7 (17.3)		
AE2410Z-AA1ASC						3/8" Valve Sweat			1/4" Valve Sweat	n/a	39.5 (17.9)
AE2410Z-AA1ASS											38.9 (17.6)

Factory charge 20 PSIG dry air, **MUST BE EVACUATED**

Evaporator		Ambient Temperatures															
		80°F				90°F				100°F				110°F			
T, °F	PSIG	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T
-40	4.5	400	180	185	84	410	170	217	95	430	150	252	105	430	140	290	115
-35	7.0	470	200	188	85	460	180	219	95	460	170	254	105	440	160	292	116
-30	9.8	570	210	192	87	540	200	223	96	500	190	257	106	470	180	294	116
-25	12.9	680	230	197	88	630	220	227	98	570	210	260	107	520	200	297	117
-20	16.2	810	240	202	90	730	240	232	99	650	230	264	108	580	220	301	118
-15	19.9	960	250	207	91	850	250	237	101	750	250	270	110	650	250	305	119
-10	23.8	1120	270	213	93	980	270	243	102	860	270	275	111	740	270	311	120
-5	28.1	1290	280	220	95	1130	280	249	104	980	290	282	113	840	290	317	122
0	32.8	1470	290	227	98	1280	300	256	106	1110	300	289	115	950	310	324	123
5	37.9	1660	310	234	100	1450	310	264	108	1250	320	296	117	1060	330	332	125
10	43.3	1860	320	242	102	1620	330	272	110	1400	340	304	119	1190	350	340	127

Performance @ 60 Hz, Return gas 40°F, SubCooling 5°F

Parts/Specifications

Unit BOM	32F416-39S	Condenser	506-G333
Unit MODEL	AE2410Z-AA1ASK	Fan Guard	116-002P
		Condenser, Fan Guard Kit	K135-01
Refrigerant	R404A	Power Cord	85106-10
Refrigeration RANGE	-40°F to 10°F		
Design Pressure Low	181	Fan Motor	NUT6B06ZUN301
Design Pressure High	450	Fan Blade	4VEA009
Volts - HZ - Ph	115V ~ 60HZ	Replacement Fan Motor	6W115
Voltage Range	103.5 - 126.5	Fan Motor, Blade, Guard assy	GFBG-106
Min. Circuit Ampacity	4.91	Fan Motor RLA	0.41
Max. Fuse Size	15		
Compressor MODEL	AE2410Z-AA1A		
Compressor BOM	AE-1126-E		
Compressor LRA	28		
Compressor RLA	3.6		
OverLoad	830-10102	Unit BOM	32F416-49S
Replacement Kit - O/L	K90-57	Unit MODEL	AE2410Z-AA1ASB
Relay	820-10081	Liquid Receiver	51085-1
Replacement Kit - Relay	K71-37		
Run Capacitor		Unit BOM	32F416-59S
Run Capacitor Rating		Unit MODEL	AE2410Z-AA1ASC
Start Capacitor	85PS165D89	Liquid Receiver	51085-1
Start Capacitor Rating	270-324 MFD 165V	Liquid Valve	56605
		Suction Valve	56604
Unit drawing DGU	DGU1896-G103	Unit BOM	32F416-69S
Electrical Diagram	DEAE-10	Unit MODEL	AE2410Z-AA1ASS
		Liquid Valve	56605
		Suction Valve	56604

