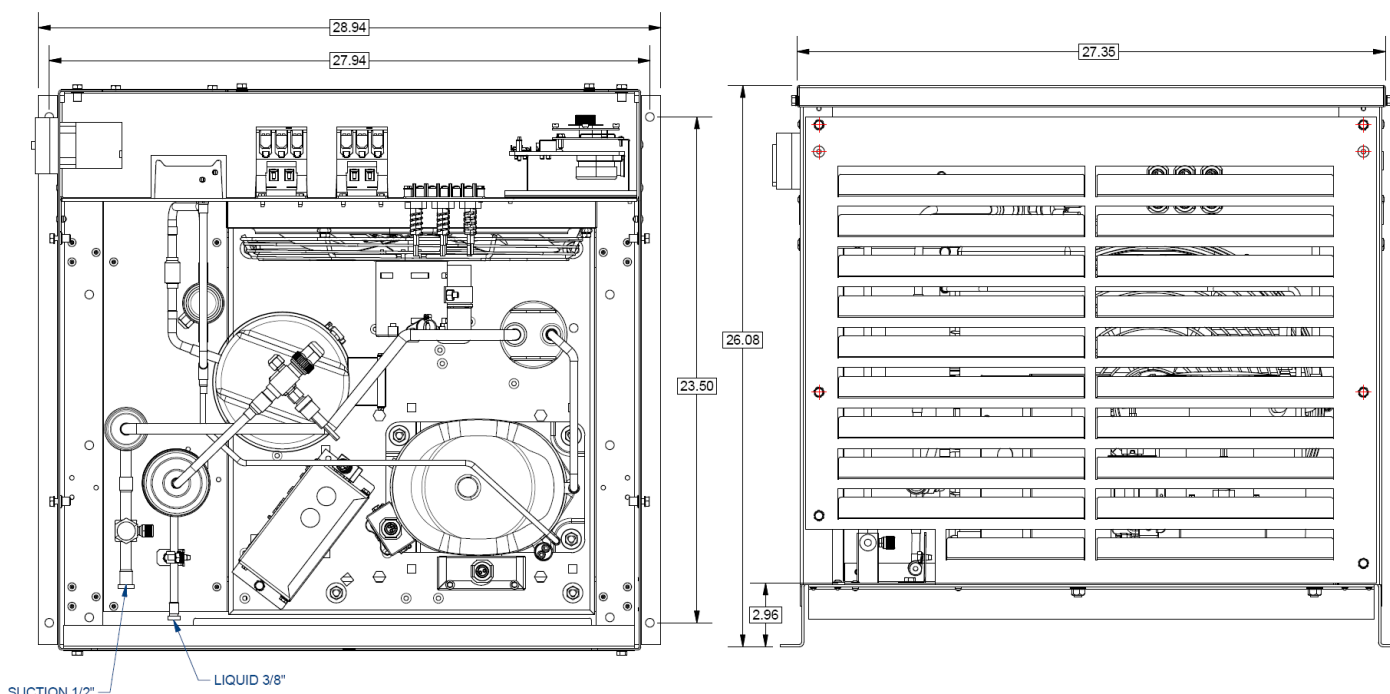




TECUMSEH OUTDOOR CONDENSING UNIT

Model **AKA9440ZXDUS**
BOM **32L292-6C**

Air Cooled **1/2 HP**
Application **Commercial Temp**
Refrigerant **R404A**
Volts-Hz-Ph. **208-230/60/1**



AKA9440ZXDUS	Overall Dimensions, inch (mm)			Line connections		Pump down	Air flow	Oil Ch.	Gross weight
	L	W	H	Suction	Liquid	90% @ 90°F	SCFM	Oz.	Lbs. (kg)
	26.55 (674)	28.94 (735)	26.08 (662)	1/2"	3/8"	15.70 lbs	750	38.6	200 (91)

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

Evaporator		Ambient Temperatures														
		80°F			90°F			95°F			100°F			110°F		
T, °F	PSIG	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
-10	23.2	3500	750	89	2400	690	97	2000	650	101	1500	610	105			
-5	27.5	3600	780	89	2600	740	97	2200	710	102	1800	680	106	1100	600	114
0	32.1	3800	810	90	3000	780	98	2600	770	102	2200	750	107	1500	680	115
5	37.0	4200	840	91	3400	820	99	3000	820	103	2700	800	108	2100	760	117
10	42.4	4700	860	92	3900	860	100	3600	860	105	3200	850	109	2600	830	118
15	48.2	5200	890	93	4500	900	101	4200	900	106	3900	900	110	3200	890	119
20	54.5	5900	920	94	5200	930	103	4800	940	107	4500	940	112	3900	950	120
25	61.2	6600	950	96	5900	960	104	5500	970	109	5200	980	113	4500	1000	122
30	68.4	7400	980	98	6600	990	106	6300	1010	110	5900	1020	115	5100	1040	123
35	76.1	8300	1010	100	7400	1030	108	7000	1040	112	6700	1050	116	5700	1080	125
40	84.4	9100	1050	102	8200	1060	110	7800	1070	114	7500	1080	118	6300	1120	127

Performance @ 60 Hz, Return gas 40°F below 20°F Evaporator and 65°F above 20°F evaporator, Sub Cooling 5°F

Parts/Specifications

Unit BOM	32L292-6C	Fan Motor	810F050C20	Adjustable Fan Control	----
Unit MODEL	AKA9440ZXDUS	Replacement Fan Motor	50W230	Fixed Fan Control	----
		Fan Motor Qty	1		
Refrigeration Range	-10°F to 45°F	Fan Motor RLA	0.7	Defrost Timer	----
Design Pressure Low / High	181 / 450	Fan Blade	51568-1	Electric Defrost Timer	----
Volts - HZ - Ph	208-230V ~ 60HZ	Fan Guard	70831		
Voltage Range	187 - 253			Receiver Heater	92124-2
Min. Circuit Ampacity	6.25	Shroud	70727-2	Receiver Heater Thermostat	84102-2
Max. Fuse Size	15	Condenser	50857-1	C/Case Heater	92123-2
Compressor MODEL	AKA9438ZXD	Receiver	51082-1K	Unit Drawing	DGU1909-L411
Compressor BOM	AK175ET-037-P2	Accumulator	TK00013000	Wiring Diagram	WD21-103
Compressor LRA	31	Liquid Filter	70139		
Compressor RLA	4.30	Sight Glass	70084-S		
		Suction Filter	704-20001		
OverLoad	8300MRTG57				
Replacement Kit - O/L		High Pressure Switch	84095-2L		
Relay	8200RVAM01	Low Pressure Control	84026-2		
Replacement Kit - Relay	K71-17	Low Pressure Switch	----		
Run Capacitor	85PR370E36	Head Master Valve	70083		
Replacement Kit Run Cap.	K150-03	Check Valve	56626	Loose Optional Items	
Start Capacitor	85685	Liquid Valve	31590	Disconnect Switch	LDSG-311
Replacement Kit Start Cap	K146-02	Suction Valve (Base)	56500-K08	Liquid Solenoid	KSVC-285
Contactors	91014H			Hail Louver	----

