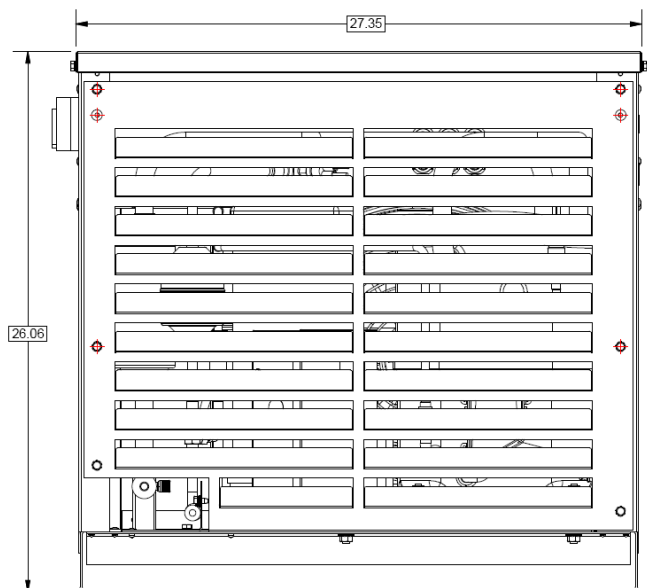
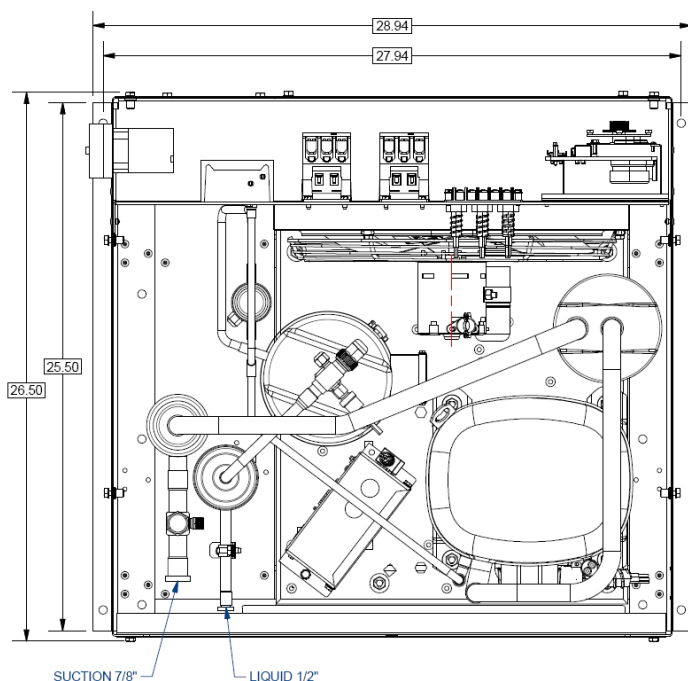




TECUMSEH OUTDOOR CONDENSING UNIT

Model AVA2510ZXNLS
BOM 32L2116-6U

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



AVA2510ZXNLS	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)	7/8"	1/2"	15.70 lbs	750	54.9	250 (113)

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
-30	10.7	6800	1930	98	5800	1890	106	5300	1870	110						
-25	14.0	8000	2150	101	6800	2100	109	6200	2080	113	5700	2040	117			
-20	17.1	9200	2370	104	7800	2320	112	7200	2290	116	6600	2260	120	5500	2180	128
-15	19.3	10400	2600	107	8900	2550	115	8200	2520	119	7500	2490	123	6300	2420	130
-10	24.5	11600	2830	110	10000	2780	118	9200	2760	122	8400	2730	126	7100	2670	133
-5	28.8	12900	3070	114	11000	3030	122	10200	3010	126	9300	2980	129	7900	2940	136
0	33.5	14100	3310	117	12100	3280	125	11100	3260	129	10300	3250	133	8600	3220	140
5	36.5	15400	3550	121	13200	3540	129	12100	3530	133	11200	3530	136			
10	43.7	16700	3800	125	14200	3810	133	13100	3810	137	12100	3810	140			

Performance @ 60 Hz, Return gas 40°F, Sub Cooling 5°F



Parts/Specifications

Unit BOM	32L2116-6U	Fan Motor	810F050C20	Adjustable Fan Control	----
Unit MODEL	AVA2510ZXNLS	Replacement Fan Motor	50W230	Fixed Fan Control	----
		Fan Motor Qty	1		
Refrigeration Range	-30°F to 10°F	Fan Motor RLA	0.7	Defrost Timer	----
Design Pressure Low / High	181 / 450	Fan Blade	51568-1	Electric Defrost Timer	LTCG-T2
Volts - HZ - Ph	208-230V ~ 60HZ	Fan Guard	70831		
Voltage Range	187 - 253			Receiver Heater	-----
Min. Circuit Ampacity	21.18	Shroud	70727-2	Receiver Heater Thermostat	-----
Max. Fuse Size	35	Condenser	50857-1	C/Case Heater	90699
Compressor MODEL	AVA2490ZXN	Receiver	51082-1K	Unit Drawing	DGU1920-L441
Compressor BOM	AV182ET-001-A2	Accumulator	TK00042000	Wiring Diagram	WD21-102
Compressor LRA	106.6	Liquid Filter	52000-084D		
Compressor RLA	16.22	Sight Glass	70084-2S		
		Suction Filter	70822-5S		
OverLoad	Internal				
Replacement Kit - O/L	----	High Pressure Switch	84095-2L		
Relay	8200RVAM14	Low Pressure Control	84026-2		
Replacement Kit - Relay	K71-20	Low Pressure Switch	----		
Run Capacitor	85PR440E65	Head Master Valve	70083		
Replacement Kit Run Cap.	K150-19	Check Valve	----	Loose Optional Items	
Start Capacitor	85PS330D17	Liquid Valve	31590	Disconnect Switch	LDSG-613
Replacement Kit Start Cap	K146-44	Suction Valve (Base)	56500-K14	Liquid Solenoid	KSVC-285
Contactor	91014H			Hail Louver	----

