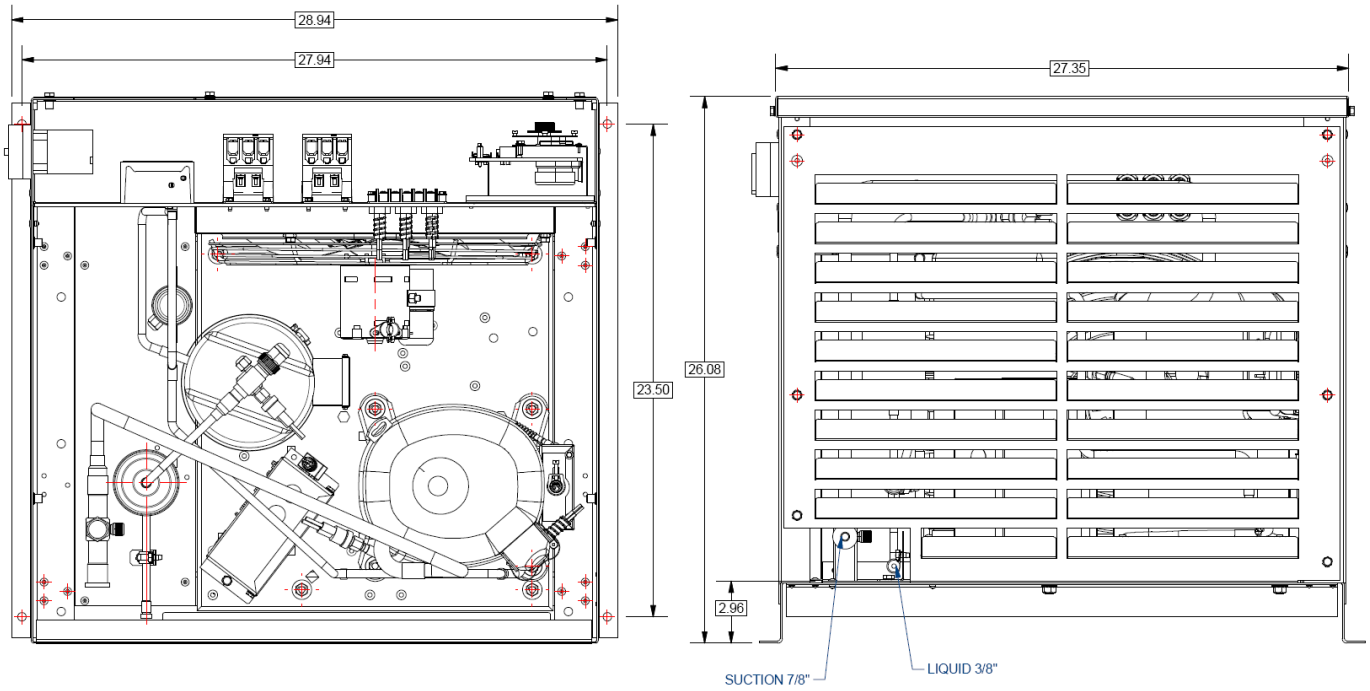
TECUMSEH OUTDOOR CONDENSING UNIT

Model	**AWA7515ZXDKS**
BOM	**32L3220-4U**
Air Cooled	**1 3/4 HP**
Application	**Medium Temp**
Refrigerant	**R404A**
Volts-Hz-Ph.	**208-230/60/1**





AWA7515ZXDKS	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"	3/8"	15.70	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	23.6	9100	1960	100	8000	1910	108	7400	1900	112	6800	1900	117	5700	1880	125
-5	27.5	10200	2100	103	8900	2070	110	8300	2060	115	7600	2070	119	6400	2070	127
0	32.1	11300	2240	106	9900	2220	113	9200	2220	117	8500	2230	121	7200	2240	130
5	37.0	12500	2380	109	10900	2370	116	10200	2380	120	9400	2400	124	8000	2420	132
10	42.4	13700	2520	113	12000	2530	118	11200	2540	122	10400	2560	126	8900	2590	134
15	48.2	15000	2670	116	13200	2690	121	12300	2710	125	11400	2740	129	9700	2780	137
20	**54.5**	**16400**	**2830**	**119**	**14400**	**2860**	**124**	**13400**	**2890**	**128**	**12400**	**2920**	**131**	**10600**	**2960**	**139**
25	61.2	17900	3000	123	15600	3040	127	14500	3070	130	13500	3110	134	11500	3160	142
30	68.4	19400	3200	126	16900	3240	130	15800	3280	133	14600	3310	137	12500	3370	145

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	**32L3220-4U**	Fan Motor	810F050C20	Adjustable Fan Control	----
Unit MODEL	**AWA7515ZXDKS**	Replacement Fan Motor	50W230	Fixed Fan Control	----
		Fan Motor Qty	1		
Refrigeration Range	-10°F to 30°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	-----
Min. Circuit Ampacity	20.94	Shroud	70727-2	Receiver Heater Thermostat	-----
Max. Fuse Size	35	Condenser	50857-1	C/Case Heater	91022-1
Compressor MODEL	AWA7515ZXD	Receiver	51082-1K	Unit Drawing	DGU1918-L421
Compressor BOM	AW612ET-099-J7	Accumulator	----	Wiring Diagram	WD21-101
Compressor LRA	96.8	Liquid Filter	70139		
Compressor RLA	16.03	Sight Glass	70084-S		
		Suction Filter	----		
Overload	Internal				
Replacement Kit - O/L	----	High Pressure Switch	84095-2L		
Relay	8200RVAM12	Low Pressure Control	----		
Replacement Kit - Relay	K71-63	Low Pressure Switch	841-10003		
Run Capacitor	85PR370F17	Head Master Valve	70083		
Replacement Kit Run Cap.	K150-14	Check Valve	----	**Loose Optional Items**	
Start Capacitor	85PS330D13	Liquid Valve	31590	Disconnect Switch	LDSG-613
Replacement Kit Start Cap	K146-40	Suction Valve (Base)	56500-K14	Liquid Solenoid	KSVC-264
Contactor	91014H			Hail Louver	----

