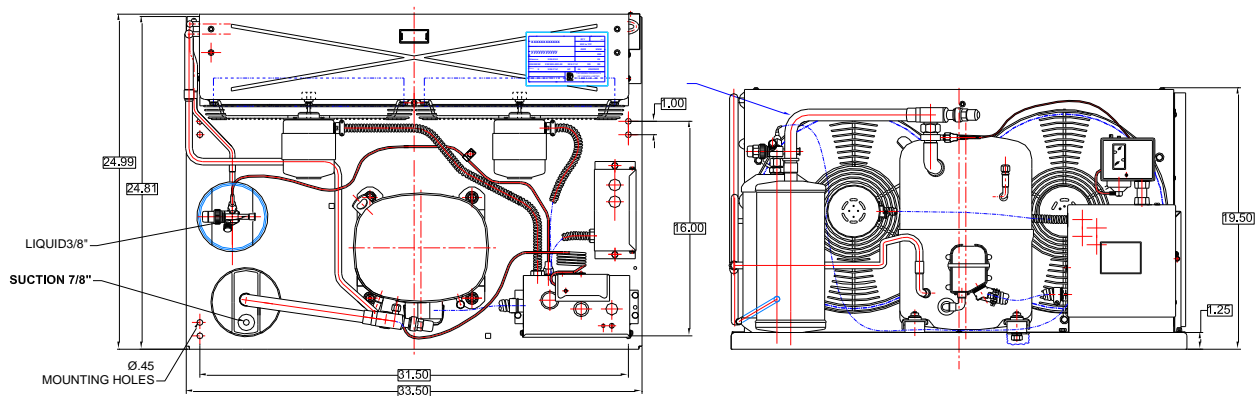




TECUMSEH HERMETIC CONDENSING UNIT

Model AVA9529ZXNXM
BOM 32T3157-1

Air Cooled 3 1/2 HP
Application Commercial Temp
Refrigerant R404A
Volts-Hz-Ph 208-230/60/1



AVA9529ZXNXM	Dimensions (inch)			Line connections		Pumpdown	Air flow	Oil Ch.	Gross weight
	L	W	H	Suction	Liquid	90% @ 90°F	SCFM	Oz.	Lbs. (kg)
	25 (635)	33.5 (851)	19.5 (495)	7/8 Sweat	3/8 Sweat	11.96	1525	54	216 (98)

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

Evaporator		Ambient Temperatures														
		80°F			90°F			95°F			100°F			110°F		
°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	17600	3400	99	15200	3350	108	14300	3390	112	13300	3410	117	11500	3400	126
-5	27.5	19500	3650	102	17200	3630	110	16100	3660	115	15000	3680	119	13100	3690	128
0	32.1	21600	3910	104	19300	3920	113	18000	3940	117	16800	3960	122	14800	3980	130
5	37.0	23900	4170	107	21500	4210	115	20100	4240	120	18800	4260	124	16500	4290	132
10	42.4	26400	4450	110	23900	4520	118	22300	4540	122	20800	4570	127	18200	4600	134
15	48.2	29100	4740	113	26300	4830	121	24700	4860	125	23000	4880	129	19900	4930	137
20	54.5	31900	5040	116	28900	5150	124	27200	5180	128	25400	5210	132	21700	5260	140
25	61.2	35000	5340	119	31600	5480	127	29800	5520	131	27900	5550	135	23400	5600	143
30	68.4	38200	5660	123	34400	5820	130	32600	5870	134	30500	5910	137	25200	5950	146
35	76.1	41600	5990	126	37400	6160	134	35600	6220	137	33200	6270	140	27000	6310	149
40	84.4	45300	6320	129	40400	6520	137	38600	6590	140	36100	6640	143	---	---	---

Performance @ 60 Hz, Return Gas Temperature 40°F below 20°F evaporator & 65°F above 20°F evaporator, --- SubCooling 5°F

Parts/Specifications

Unit BOM	32T3157-1	Fan Motor	810F050C20
Unit MODEL	AVA9529ZXNXM	Fan Motor Qty	2
Refrigerant	R-404A	Fan Motor RLA	0.7 Each
Refrigeration RANGE	-10°F to 40°F	Fan Blade	51568-1
Design Pressure Low	181	Fan Guard	70831
Design Pressure High	450	Shroud	70648-2
Volts - HZ - Ph	208-230/60/1	High Pressure switch	84095-2
Voltage Range	187 - 253	Low Pressure Control	84026-2
Min. Circuit Ampacity	40.11	Dual Pressure Control	
Max. Fuse Size	70	Fan Switch #1	84096-1
		Fan Switch #2	84096-2
Compressor MODEL	AVA9528ZXN	Condenser	50858-1
Compressor BOM	AV204ET-066-J7	Process Valve	
Compressor LRA	132	Liquid Valve	31581-1
Compressor RLA	30.32	Suction Valve	31529-1
OverLoad	INTERNAL	Receiver	51081-1
Relay	8200RVAM12	Receiver Qty	
Replacement Kit - Relay	K71-63	Accumulator	TK00042000
Run Capacitor	85PR440F90	Liquid Filter	
Start Capacitor	85PS330D17	Sight Glass	
Replacement Kit - St. Cap.	K146-44	Suction Filter	
Contactors	91012H	CrankCase Heater	90699
Unit Drawing	DGU1920-T02		
Wiring Diagram	91278		

