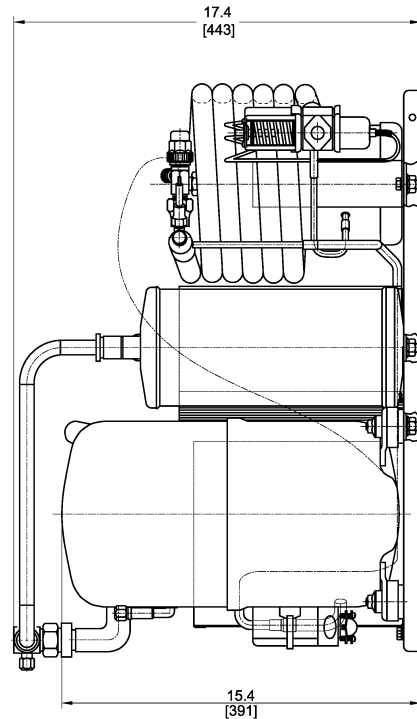
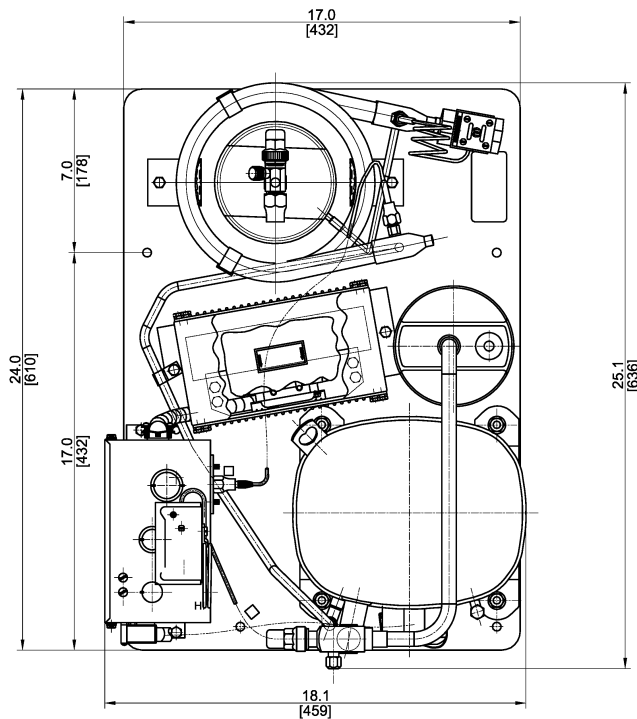
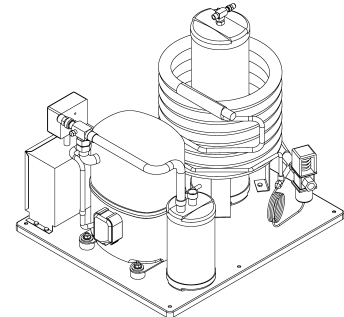




AVA2512ZXTXU
TPC__rev 02
October 21, 2003

TECUMSEH HERMETIC CONDENSING UNIT

Model AVA2512ZXTXU
BOM 2W3142-1
Water Cooled 3 HP
Application Low Temp
Refrigerant R 404A



Model	Dimensions, inches				Line connection*		Pumdown	Oil Ch	Gr. Wt
	L	W	H	CH	Suction	Liquid	90° 90%	Oz.	Lbs.
AVA2512ZXTXU	25.1	18.1	17.4	15.4	7/8"S	3/8"F	5.6	54.0	119.0
*) Use 3/8" min. pipe size. Water inlet 3/8" NPT									
Performance: Ambient 90 °F -- Return Gas 40 °F -- Condenser water in 75 °F -- Head 254 PSIG									
Evaporator temperature °F				-40	-30	-20	-10	0	10
Capacity BTU/HR				3570	5975	8900	12540	17075	22650
Water Usage gpm				0.90	1.50	2.20	3.10	4.30	5.70
Watts				1190	1645	2140	2645	3130	3570
The water valve should be adjusted to maintain a maximum of 95°F water outlet temperature in order to minimize water scaling within the condenser.									

Parts/Specifications

Unit BOM	2W3142-1	OverLoad	internal
Unit MODEL	AVA2512ZXTXU	Relay	
		Run Capacitor	
Refrigeration RANGE	-40F TO +10F	Run Capacitor Rating	
Design Pressure Low	181	Start Capacitor	
Design Pressure High	450	Start Capacitor Rating	
Volts - HZ - Ph	200-230-60-3	Contactor	91014
Min. Circuit Ampacity	12.7		
Max. Fuse Size	20	High Pressure switch	84097-3
		Low Pressure Control	84026-D
Compressor MODEL	AVA2490ZXT	Dual Pressure Control	
Compressor BOM	AV182RT-016-B2		
Compressor LRA	65.1	Condenser	50827-1
Compressor RLA	9.9	Water Valve	56516
		Liquid Valve	31547-8
Fan Motor	NUT6B09PUN202	Suction Valve	31529-1
Fan Motor RLA	0.35	Fan Blade	51559-2
Unit Drawing	DGU1920-5W	Receiver	51081
Electrical Drawing	91030-4	Accumulator	TK00042000

