

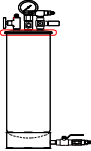
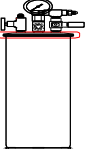


# PRESSURE VESSEL STATS - FILL VOLUMES & SURFACE AREAS

CYLINDRICAL WITH FORMED HEADS



CONFIGURATION	SHELL SIZE		ACTUAL DIA INSIDE INCH	FLOODED VOLUME GAL	80% FILL VOLUME GAL	AT 80% FILL VOLUME		LIQUID SURFACE AREA @ 50% FULL	
	DIAMETER INCH	LENGTH INCH				BUTANE LBS	PROPANE LBS	SQ.IN.	SHAPE
<b>CHAMBERS HORIZONTAL</b> ELLIPSOIDAL HEADS 	6 $\times$	23	5.78	2.9	2.3	11.2	9.9	139 #	RECTANGLE PLUS HEADS
	12	26	12.25	16	13	63	56	347 *	
	16	36	15.50	39	31	149	132	649 *	
	24	36	23.50	101	81	389	343	1216 *	
	48	59	47.25	585	468	2251	1984	3610 *	
$\times$ Ferrule closure one end.						* 3X area of a vertical tank		# 5X area of a vertical tank	
<b>CHAMBERS &amp; RECOVERY TANKS</b> VERTICAL ELLIPSOIDAL HEADS 	6	12	5.78	1.8	1.4	6.9	6.0	26	CIRCLE
	10	12	10.25	6.4	5.1	25	22	83	
	10	36	10.25	15	12	57	51		
	12	12	12.25	9.7	7.8	37	33	118	
	12	36	12.25	22	18	85	75		
	16	36	15.50	39	31	149	132	189	
	20	20	19.50	38	30	147	129	299	
48	SAUCER (HEADS ONLY)	47.25	12" DEEP =	90	433	382	1753		
<b>VERTICAL</b> FLAT LID ROUND BASE 	6	12	5.78	1.6	1.3	6.1	5.3	FLAT LIDS CLAMP-ON USING TC FERRULES	
	6	18	5.78	2.3	1.8	8.7	7.6		
	6	24	5.78	2.9	2.3	11.3	10.0		
<b>VERTICAL</b> FLAT LID FLAT BASE 	6	12	5.78	1.5	1.2	5.6	5.0		
	10	12	9.73	4.1	3.3	16	14		
	12	12	11.73	6.0	4.8	23	20		

WARNING: NEVER EXCEED 80% LIQUID FILL VOLUME WITH LPG IN A VESSEL.  
 ALWAYS HAVE A PROPER SAFETY PRESSURE RELIEF VALVE INSTALLED AND FUNCTIONAL.