

**Secondary Containment Volumes by Manufacturer**

Type	Volume
<b>AMERON</b>	
Dualoy 3000/L 3" over 2" piping	0.2186 Gal / Ft
Dualoy 3000/L 4" over 3" piping	0.2652 Gal / Ft
Dualoy 3000/L 6" over 4" piping	0.8398 Gal / Ft
Dualoy 3000/LCX 2" piping	0.0133 Gal / Ft
Dualoy 3000/LCX 3" piping	0.0196 Gal / Ft
Dualoy 3000/LCX 4" piping	0.0252 Gal / Ft
<b>APT</b>	
0.5" Double Wall Pipe	0.0031 Gal / Ft
0.75" Double Wall Pipe	0.0042 Gal / Ft
1.00" Double Wall Pipe	0.0119 Gal / Ft
1.5" Double Wall Pipe	0.0052 Gal / Ft
1.75" Double Wall Pipe	0.0182 Gal / Ft
2" Double Wall Pipe	0.0218 Gal / Ft
2.5" Double Wall Pipe	0.0104 Gal / Ft
<b>BRAVO</b>	
Small Foot Print Double Wall UDC	1.25 Gal / Sump
Large Foot Print Double Wall UDC	2 Gal / Sump
42" Double Wall Tank Sump	1.1429 Gal / Ft*
48" Double Wall Tank Sump	1.3061 Gal / Ft*
Small Vent Box	1.25 Gal/Sump
Large Vent Box	2.00 Gal/Sump
<b>CONTAINMENT SOLUTIONS</b>	
<i>Double Wall Tanks</i>	
48" Diameter 550 Gallon Capacity	5.8 Gal / Tank
48" Diameter 600 Gallon Capacity	5.9 Gal / Tank
48" Diameter 1,000 Gallon Capacity	6.1 Gal / Tank
72" Diameter 2,000 Gallon Capacity	25.1 Gal / Tank
72" Diameter 2,500 Gallon Capacity	33.4 Gal / Tank
72" Diameter 3,000 Gallon Capacity	41.7 Gal / Tank
72" Diameter 3,500 Gallon Capacity	45.8 Gal / Tank
72" Diameter 4,000 Gallon Capacity	49.9 Gal / Tank
72" Diameter 4,500 Gallon Capacity	58.1 Gal / Tank
72" Diameter 5,000 Gallon Capacity	66.4 Gal / Tank
72" Diameter 6,000 Gallon Capacity	82.9 Gal / Tank
72" Diameter 7,000 Gallon Capacity	91.2 Gal / Tank
72" Diameter 8,000 Gallon Capacity	107.7 Gal / Tank
72" Diameter 9,000 Gallon Capacity	116.1 Gal / Tank
72" Diameter 10,000 Gallon Capacity	132.4 Gal / Tank
92" Diameter 4,000 Gallon Capacity	32.2 Gal / Tank
92" Diameter 5,000 Gallon Capacity	42.7 Gal / Tank
92" Diameter 6,000 Gallon Capacity	53.2 Gal / Tank
92" Diameter 7,000 Gallon Capacity	63.7 Gal / Tank
92" Diameter 8,000 Gallon Capacity	74.2 Gal / Tank
92" Diameter 10,000 Gallon Capacity	95.2 Gal / Tank
92" Diameter 11,000 Gallon Capacity	105.7 Gal / Tank
92" Diameter 12,000 Gallon Capacity	116.2 Gal / Tank
92" Diameter 13,000 Gallon Capacity	126.7 Gal / Tank
92" Diameter 14,000 Gallon Capacity	137.2 Gal / Tank
92" Diameter 15,000 Gallon Capacity	147.7 Gal / Tank
92" Diameter 16,000 Gallon Capacity	158.2 Gal / Tank
92" Diameter 17,000 Gallon Capacity	168.8 Gal / Tank
92" Diameter 18,000 Gallon Capacity	179.4 Gal / Tank
92" Diameter 20,000 Gallon Capacity	210.7 Gal / Tank

Type	Volume
<b>CONTAINMENT SOLUTIONS</b>	
<i>Double Wall Tanks - continued</i>	
120" Diameter 10,000 Gallon Capacity	131 Gal / Tank
120" Diameter 12,000 Gallon Capacity	163.1 Gal / Tank
120" Diameter 15,000 Gallon Capacity	227.2 Gal / Tank
120" Diameter 16,000 Gallon Capacity	243.3 Gal / Tank
120" Diameter 17,000 Gallon Capacity	259.3 Gal / Tank
120" Diameter 18,000 Gallon Capacity	291.4 Gal / Tank
120" Diameter 19,000 Gallon Capacity	307.4 Gal / Tank
120" Diameter 20,000 Gallon Capacity	323.5 Gal / Tank
120" Diameter 21,000 Gallon Capacity	339.5 Gal / Tank
120" Diameter 22,000 Gallon Capacity	355.6 Gal / Tank
120" Diameter 23,000 Gallon Capacity	387.7 Gal / Tank
120" Diameter 24,000 Gallon Capacity	403.7 Gal / Tank
120" Diameter 25,000 Gallon Capacity	419.8 Gal / Tank
120" Diameter 26,000 Gallon Capacity	435.8 Gal / Tank
120" Diameter 28,000 Gallon Capacity	483.9 Gal / Tank
120" Diameter 30,000 Gallon Capacity	516.0 Gal / Tank
120" Diameter 31,000 Gallon Capacity	532.1 Gal / Tank
120" Diameter 32,000 Gallon Capacity	548.1 Gal / Tank
120" Diameter 35,000 Gallon Capacity	612.3 Gal / Tank
120" Diameter 40,000 Gallon Capacity	708.6 Gal / Tank
120" Diameter 45,000 Gallon Capacity	804.9 Gal / Tank
120" Diameter 50,000 Gallon Capacity	901.1 Gal / Tank
<i>Double Wall Sumps</i>	
42" Double Walled Tank Sump	0.8216 Gal / Ft*
48" Double Walled Tank Sump	0.9372 Gal / Ft*
<b>EFS Jacketed Tanks</b>	
500 Gallon Standard Elutron Tank	3 Gal / Tank
1,000 Gallon Standard Elutron Tank	4 Gal / Tank
2,000 Gallon Standard Elutron Tank	5 Gal / Tank
3,000 Gallon Standard Elutron Tank	6 Gal / Tank
4,000 Gallon Standard Elutron Tank	7 Gal / Tank
5,000 Gallon Standard Elutron Tank	8 Gal / Tank
6,000 Gallon Standard Elutron Tank	9 Gal / Tank
8,000 Gallon Standard Elutron Tank	10 Gal / Tank
10,000 Gallon Standard Elutron Tank	13 Gal / Tank
12,000 Gallon Standard Elutron Tank	15 Gal / Tank
15,000 Gallon Standard Elutron Tank	17 Gal / Tank
20,000 Gallon Standard Elutron Tank	22 Gal / Tank
<b>ENVIRON</b>	
<i>GeoFlex Piping</i>	
GeoFlex Piping .75" Dia. (GFP-2075)	0.0028 Gal / Ft
GeoFlex Piping 1.0" Dia. (GFP-2100)	0.0039 Gal / Ft
GeoFlex Piping 1.5" Dia. (GFP-2150)	0.0060 Gal / Ft
GeoFlex Piping 2.0" Dia. (GFP-2200)	0.0060 Gal / Ft
GeoFlex Piping 3.0" Dia. (GFP-2300)	0.0164 Gal / Ft
<i>Dispenser Sump</i>	
Dispenser Sump FDS-2014-DW	5 Gal
Dispenser Sump FDS-2414-DW	6.5 Gal
Dispenser Sump FDS-2716-DW	6.5 Gal
Dispenser Sump FDS-2922-DW	10 Gal
Dispenser Sump FDS-3215-DW	7 Gal
Dispenser Sump FDS-3621-DW	8 Gal
Dispenser Sump FDS-4021-DW	10 Gal
Dispenser Sump FDS-4319-DW	8.5 Gal
Dispenser Sump FDS-4422-DW	10.5 Gal
Dispenser Sump FDS-4614-DW	8 Gal
Dispenser Sump FDS-4714-DW	8 Gal
Dispenser Sump FDS-4715-DW	8 Gal
Dispenser Sump FDS-4721-DW	9 Gal

Type	Volume
<b>MODERN WELDING</b>	
<i>Steel walled tank w/ FRP exterior (Model 16):</i>	
520 Gallon Tank, 4 ft dia	41 Gal / Tank
1,000 Gallon Tank, 5 ft 4 in dia	64 Gal / Tank
2,000 Gallon Tank, 5 ft 4 in dia	75 Gal / Tank
3,000 Gallon Tank, 5 ft 4 in dia	82 Gal / Tank
4,000 Gallon Tank	120 Gal / Tank
5,000 gallon tank	142 Gal / Tank
6,000 gallon tank	150 Gal / Tank
8,000 Gallon Tank	157 Gal / Tank
10,000 Gallon Tank	172 Gal / Tank
12,000 Gallon Tank	183 Gal / Tank
15,000 Gallon Tank	239 Gal / Tank
20,000 Gallon Tank	254 Gal / Tank
25,000 Gallon Tank	284 Gal / Tank
30,000 Gallon Tank	307 Gal / Tank
35,000 gallon tank	389 Gal / Tank
40,000 Gallon Tank	426 Gal / Tank
45,000 gallon tank	471 Gal / Tank
50,000 Gallon Tank	501 Gal / Tank
<i>Steel walled composite tanks (Glasteel II, Model 13):</i>	
560 Gallon Tank	3 Gal / Tank
1,000 Gallon Tank	4 Gal / Tank
2,000 Gallon Tank	5 Gal / Tank
3,000 Gallon Tank	6 Gal / Tank
4,000 Gallon Tank	7 Gal / Tank
6,000 Gallon Tank	9 Gal / Tank
8,000 Gallon Tank	10 Gal / Tank
10,000 Gallon Tank	13 Gal / Tank
12,000 Gallon Tank	15 Gal / Tank
15,000 Gallon Tank	17 Gal / Tank
20,000 Gallon Tank	22 Gal / Tank
<b>NUPI</b>	
2" over 1.5" piping (2.48" OD x 1.969" OD)	0.0546 Gal / Ft
3" over 2" piping (2.953" OD x 2.480" OD)	0.0518 Gal / Ft
5" over 3" piping (4.921" OD x 3.543" OD)	0.3299 Gal / Ft
4" over 2" piping (4.3" OD x 2.48" OD)	0.401 Gal / Ft
<b>OPW</b>	
Double Wall Dispenser Sump, DST series	1.9 Gal / Ft*
Tank Sump 42" Dia x 42" Ht, TRFSDW-4248	0.8 Gal
Tank Sump 42" Dia x 60" Ht, TRFSDW-4260	1 Gal
Tank Sump 42" Dia x 72" Ht, TRFSDW-4272	1.3 Gal
Tank Sump 48" Dia x 42" Ht, TRFSDW-4848	0.9 Gal
Tank Sump 48" Dia x 60" Ht, TRFSDW-4860	1.2 Gal
Tank Sump 48" Dia x 72" Ht, TRFSDW-4872	1.4 Gal
Double Wall Vent Stack Sump, TST-4536	1.9 Gal
CD15DW, 1-1/2" Double Wall Pipe	0.0089 Gal / Ft
CD15RB, 1-1/2" Ribbed Double Wall Pipe	0.006 Gal / Ft
CP20RB, 2" Ribbed Double Wall Pipe	0.0086 Gal / Ft
<b>PHIL-TITE</b>	
42" Double wall Tank Sump	0.974 Gal / Ft*
48" Double wall Tank Sump	1.1126 Gal / Ft*
Double wall UDC	3.3896 Gal / Sump
<b>SMITH</b>	
3" over 2" Fiberglass piping	0.23 Gal / Ft
4" over 3" Fiberglass piping	0.276 Gal / Ft
6" over 4" Fiberglass piping	0.823 Gal / Ft
<b>TOTAL CONTAINMENT</b>	
OmniFlex 1.5" (CP1503)	0.0052 Gal / Ft
OmniFlex 2.5" (CP2503)	0.0079 Gal / Ft

Type	Volume
<b>UPP</b>	
63/75 piping	0.0762 Gal / Ft
90/160 piping	0.9824 Gal / Ft
<b>WESTERN FIBERGLASS</b>	
CoFlex 1.5" piping	0.0077 Gal / Ft
CoFlex 2" piping	0.0094 Gal / Ft
42" Double Walled FRP Tank Sump	2.50 Gal / Ft*
48" Double Walled FRP Tank Sump	2.75 Gal / Ft*
Double Walled Dispenser Sump DS1840	10.5 Gal
Double Walled Dispenser Sump DS1836	10 Gal
Double Walled Dispenser Sump DS1642	9 Gal
Double Walled Dispenser Sump DS1640	9 Gal
Double Walled Dispenser Sump DS1630	8 Gal
Double Walled Dispenser Sump DS1142	8 Gal
Double Walled Dispenser Sump DS1323	7 Gal
Double Walled Dispenser Sump DS1320	7 Gal
Double Walled Dispenser Sump DS1130	7 Gal
Double Walled Dispenser Sump DS1129	7 Gal
Double Walled Dispenser Sump DS1125	7 Gal
Double Walled Dispenser Sump DS1123	7 Gal
Double Walled Dispenser Sump DS1122	7 Gal
Double Walled Dispenser Sump DS1121	7 Gal
Double Walled Dispenser Sump DS1120	7 Gal
Double Walled Dispenser Sump DS1118	5 Gal
Double Walled Dispenser Sump DS1117	5 Gal
Double Walled Dispenser Sump DS1115	5 Gal
Double Walled Dispenser Sump DS1114	5 Gal
Double Walled Dispenser Sump DS1112	5 Gal
Double Walled Dispenser Sump DS0711	3 Gal
Small Vent Box (24x30x30)	3.5 Gal
Large Vent Box (24x42x29)	5.5 Gal
<b>XERXES</b>	
<i>Double Wall Tanks</i>	
48" Diameter 600 Gallon Capacity	8 Gal / Tank
48" Diameter 1,000 Gallon Capacity	10 Gal / Tank
72" Diameter 2,500 Gallon Capacity	48 Gal / Tank
72" Diameter 3,000 Gallon Capacity	59 Gal / Tank
72" Diameter 4,000 Gallon Capacity	76 Gal / Tank
72" Diameter 5,000 Gallon Capacity	93 Gal / Tank
72" Diameter 6,000 Gallon Capacity	110 Gal / Tank
96" Diameter 4,000 Gallon Capacity	76 Gal / Tank
96" Diameter 5,000 Gallon Capacity	95 Gal / Tank
96" Diameter 6,000 Gallon Capacity	114 Gal / Tank
96" Diameter 8,000 Gallon Capacity	152 Gal / Tank
96" Diameter 10,000 Gallon Capacity	189 Gal / Tank
96" Diameter 12,000 Gallon Capacity	227 Gal / Tank
96" Diameter 15,000 Gallon Capacity	284 Gal / Tank
120" Diameter 10,000 Gallon Capacity	144 Gal / Tank
120" Diameter 12,000 Gallon Capacity	167 Gal / Tank
120" Diameter 15,000 Gallon Capacity	213 Gal / Tank
120" Diameter 20,000 Gallon Capacity	280 Gal / Tank
120" Diameter 25,000 Gallon Capacity	325 Gal / Tank
120" Diameter 30,000 Gallon Capacity	375 Gal / Tank
120" Diameter 35,000 Gallon Capacity	498 Gal / Tank
120" Diameter 40,000 Gallon Capacity	579 Gal / Tank
<i>Double Wall Sumps</i>	
42" Double Wall Tank Sump	0.5714 Gal / Ft*
48" Double Wall Tank Sump	0.6531 Gal / Ft*

\* NOTE: for sump volumes listed as XXX Gal/Ft, multiply this value by the sump's depth (in feet) for total volume.

Vac Sensor Zone Worksheet

Vac Sensor Monitored Zone	SS Module Number	SS Module Channel Number	Calculated Zone Volume (Gallons)
	1	1	
	1	2	
	1	3	
	1	4	
	1	5	
	1	6	
	1	7	
	1	8	
	2	9	
	2	10	
	2	11	
	2	12	
	2	13	
	2	14	
	2	15	
	2	16	
	3	17	
	3	18	
	3	19	
	3	20	
	3	21	
	3	22	
	3	23	
	3	24	
	4	25	
	4	26	
	4	27	
	4	28	
	4	29	
	4	30	
	4	31	
	4	32	
	5	33	
	5	34	
	5	35	
	5	36	
	5	37	
	5	38	
	5	39	
	5	40	

vszw.eps

