

Valencia Pipe Company 1000g (~3785 liters)
2 Compartment Septic Tank by Inch by Compartment

IMPERIAL			Rev Aug 2025	Glns By Compartment	
Water Level at 1" Increments	Total Liquid Volume Inside Tank (gallon)	Volume (glns) Increment Per Inch in Water Level		Inlet (2/3)	Outlet (1/3)
1	7.3	7.3		4.9	2.4
2	19.1	11.4		12.7	6.4
3	32.5	13.1		21.7	10.8
4	53.4	20.4		35.6	17.8
5	75.1	21.2		50.1	25.0
6	97.4	21.8		64.9	32.5
7	120.0	22.1		80.0	40.0
8	142.8	22.3		95.2	47.6
9	165.8	22.4		110.5	55.3
10	188.9	22.5		125.9	63.0
11	212.1	22.7		141.4	70.7
12	235.4	22.8		156.9	78.5
13	258.8	22.9		172.5	86.3
14	282.2	22.9		188.2	94.1
15	305.9	23.1		203.9	102.0
16	329.6	23.1		219.7	109.9
17	353.3	23.2		235.6	117.8
18	377.2	23.3		251.5	125.7
19	401.1	23.4		267.4	133.7
20	425.1	23.4		283.4	141.7
21	449.1	23.4		299.4	149.7
22	473.1	23.4		315.4	157.7
23	497.0	23.4		331.4	165.7
24	521.0	23.4		347.3	173.7
25	545.0	23.4		363.3	181.7
26	569.0	23.4		379.3	189.7
27	592.9	23.4		395.3	197.6
28	616.9	23.4		411.3	205.6
29	641.0	23.5		427.3	213.7
30	665.3	23.8		443.6	221.8
31	689.7	23.8		459.8	229.9
32	713.8	23.5		475.8	237.9
33	737.8	23.4		491.8	245.9
34	761.8	23.4		507.8	253.9
35	785.7	23.4		523.8	261.9
36	809.4	23.2		539.6	269.8
37	832.9	23.0		555.3	277.6
38	856.2	22.7		570.8	285.4
39	879.0	22.3		586.0	293.0
40	901.4	21.9		601.0	300.5
41	923.4	21.5		615.6	307.8
42	944.8	20.9		629.9	314.9
43	965.6	20.3		643.7	321.9
44	985.8	19.7		657.2	328.6
45	1,005.2	19.0		670.1	335.1
46	1,023.9	18.2		682.6	341.3

METRIC			Rev Aug 2025	Liters By Compartment	
Water Level at 1 inch Increments	Total Liquid Volume Inside Tank (liters)	Volume (liters) Increment Per inch in Water Level		Inlet (2/3)	Outlet (1/3)
1	27.6	27.5		18.4	9.2
2	72.4	43.2		48.3	24.1
3	123.1	49.5		82.1	41.0
4	202.1	77.1		134.7	67.3
5	284.4	80.4		189.6	94.7
6	368.8	82.4		245.9	122.8
7	454.4	83.6		302.9	151.3
8	540.7	84.3		360.5	180.1
9	627.7	84.9		418.5	209.0
10	715.0	85.3		476.7	238.1
11	802.8	85.8		535.2	267.3
12	891.0	86.1		594.1	296.7
13	979.7	86.5		653.1	326.2
14	1068.4	86.7		712.3	355.8
15	1157.9	87.4		772.0	385.6
16	1247.6	87.6		831.8	415.4
17	1337.6	87.9		891.8	445.4
18	1427.9	88.2		952.0	475.5
19	1518.4	88.5		1012.3	505.6
20	1609.2	88.7		1072.9	535.9
21	1700.0	88.7		1133.4	566.1
22	1790.7	88.6		1193.9	596.3
23	1881.5	88.7		1254.4	626.5
24	1972.3	88.6		1314.9	656.8
25	2063.0	88.6		1375.4	687.0
26	2153.7	88.6		1435.9	717.2
27	2244.4	88.6		1496.4	747.4
28	2335.2	88.7		1556.9	777.6
29	2426.3	89.0		1617.6	808.0
30	2518.6	90.1		1679.2	838.7
31	2610.8	90.1		1740.6	869.4
32	2701.9	89.0		1801.4	899.7
33	2792.8	88.7		1861.9	930.0
34	2883.6	88.7		1922.5	960.2
35	2974.1	88.4		1982.8	990.4
36	3064.1	87.9		2042.8	1020.3
37	3153.1	86.9		2102.1	1050.0
38	3240.9	85.8		2160.7	1079.2
39	3327.4	84.5		2218.4	1108.0
40	3412.3	82.9		2275.0	1136.3
41	3495.5	81.3		2330.5	1164.0
42	3576.5	79.1		2384.5	1191.0
43	3655.1	76.8		2436.9	1217.2
44	3731.5	74.6		2487.8	1242.6
45	3805.1	71.9		2536.9	1267.1
46	3875.8	69.1		2584.0	1290.7

Valencia Pipe Company 1500g (~5678 litres)
2 Compartment Septic Tank Gallons by Inch by Compartment

IMPERIAL		Rev Aug 2025	Glns By Compartment	
Water Level at 1" Increments	Total Liquid Volume Inside Tank (gallon)	Volume (glns) Increment Per Inch in Water Level	Inlet (2/3)	Outlet (1/3)
1	9.3	9.3	6.2	3.1
2	24.1	14.8	16.0	8.0
3	41.2	17.1	27.5	13.7
4	67.2	26.0	44.8	22.4
5	94.5	27.2	63.0	31.5
6	122.4	27.9	81.6	40.8
7	150.9	28.5	100.6	50.3
8	179.5	28.7	119.7	59.8
9	208.4	28.9	138.9	69.5
10	237.4	29.0	158.2	79.1
11	266.5	29.1	177.6	88.8
12	295.7	29.2	197.1	98.6
13	325.0	29.3	216.7	108.3
14	354.4	29.4	236.3	118.1
15	383.9	29.5	256.0	128.0
16	413.5	29.6	275.7	137.8
17	443.2	29.7	295.5	147.7
18	472.9	29.7	315.3	157.6
19	502.7	29.8	335.2	167.6
20	532.6	29.9	355.1	177.5
21	562.5	29.9	375.0	187.5
22	592.5	30.0	395.0	197.5
23	622.5	30.0	415.0	207.5
24	652.6	30.1	435.0	217.5
25	682.7	30.1	455.1	227.6
26	712.8	30.1	475.2	237.6
27	742.9	30.1	495.3	247.6
28	773.1	30.1	515.4	257.7
29	803.2	30.1	535.4	267.7
30	833.3	30.1	555.5	277.8
31	863.5	30.2	575.7	287.8
32	893.9	30.4	596.0	298.0
33	924.3	30.4	616.2	308.1
34	954.5	30.2	636.4	318.2
35	984.7	30.1	656.4	328.2
36	1014.8	30.1	676.5	338.3
37	1044.9	30.1	696.6	348.3
38	1075.1	30.2	716.7	358.4
39	1105.2	30.1	736.8	368.4
40	1135.2	30.0	756.8	378.4
41	1165.2	29.9	776.8	388.4
42	1194.9	29.8	796.6	398.3
43	1224.5	29.5	816.3	408.2
44	1253.7	29.2	835.8	417.9
45	1282.6	28.9	855.1	427.5
46	1311.1	28.5	874.1	437.0
47	1339.1	28.0	892.7	446.4
48	1366.7	27.6	911.1	455.6
49	1393.7	27.0	929.1	464.6
50	1419.8	26.2	946.5	473.3
51	1445.3	25.5	963.5	481.8
52	1470.0	24.7	980.0	490.0
53	1493.9	23.9	995.9	498.0
54	1516.8	22.9	1,011.2	505.6

METRIC		Rev Aug 2025	Liters By Compartment	
Water Level at 1 inch Increments	Total Liquid Volume Inside Tank (liters)	Volume (liters) Increment Per cm in Water Level	Inlet (2/3)	Outlet (1/3)
1	2.4	35.2	1.6	0.8
2	91.1	55.9	60.7	30.3
3	156.0	64.9	104.0	51.9
4	254.5	98.5	169.7	84.7
5	357.6	103.1	238.4	119.1
6	463.2	105.6	308.8	154.3
7	571.1	107.9	380.8	190.2
8	679.6	108.5	453.1	226.3
9	788.9	109.2	525.9	262.7
10	898.6	109.7	599.1	299.2
11	1008.7	110.2	672.5	335.9
12	1119.3	110.6	746.3	372.7
13	1230.3	111.0	820.3	409.7
14	1341.7	111.4	894.5	446.8
15	1453.4	111.7	969.0	484.0
16	1565.4	112.0	1043.6	521.3
17	1677.7	112.3	1118.5	558.7
18	1790.2	112.6	1193.5	596.1
19	1903.0	112.8	1268.8	633.7
20	2016.1	113.0	1344.1	671.4
21	2129.3	113.3	1419.6	709.1
22	2242.7	113.4	1495.2	746.8
23	2356.4	113.7	1571.0	784.7
24	2470.2	113.8	1646.9	822.6
25	2584.2	114.0	1722.9	860.5
26	2698.2	114.0	1798.9	898.5
27	2812.3	114.1	1875.0	936.5
28	2926.4	114.1	1951.0	974.5
29	3040.4	114.0	2027.0	1012.4
30	3154.5	113.9	2103.1	1050.4
31	3268.7	114.3	2179.3	1088.5
32	3383.9	115.2	2256.1	1126.8
33	3499.0	115.1	2332.8	1165.2
34	3613.4	114.3	2409.0	1203.2
35	3727.4	114.1	2485.1	1241.2
36	3841.4	114.0	2561.0	1279.2
37	3955.4	114.0	2637.1	1317.1
38	4069.7	114.3	2713.3	1355.2
39	4183.6	113.9	2789.2	1393.1
40	4297.3	113.7	2865.0	1431.0
41	4410.6	113.3	2940.5	1468.7
42	4523.3	112.7	3015.7	1506.3
43	4635.1	111.8	3090.2	1543.5
44	4745.7	110.6	3163.9	1580.3
45	4855.2	109.5	3236.9	1616.8
46	4963.2	108.0	3308.9	1652.7
47	5069.1	106.0	3379.6	1688.0
48	5173.5	104.4	3449.2	1722.8
49	5275.6	102.1	3517.2	1756.8
50	5374.6	99.0	3583.3	1789.7
51	5471.0	96.4	3647.5	1821.9
52	5564.6	93.6	3709.9	1853.0
53	5655.0	90.4	3770.2	1883.1
54	5741.6	86.6	3827.9	1911.9