



Valencia Pipe Company - Tank Division
1500 Gallon Septic Tank Volume By CM and Litre



Water Level at 1 cm Increments	Volume Increment Per cm in Water Level (litre)	Cumulative Liquid Volume Inside Tank (litre)
1	16.5	16.5
2	18.4	34.9
3	19.8	54.8
4	21.1	75.9
5	22.3	98.3
6	23.7	121.9
7	25.4	147.3
8	36.8	184.1
9	37.9	222.0
10	38.7	260.6
11	39.3	299.9
12	39.9	339.8
13	40.3	380.1
14	40.8	420.9
15	40.8	461.7
16	41.6	503.3
17	41.6	544.8
18	41.8	586.7
19	41.9	628.6
20	42.3	670.9
21	42.0	712.9
22	42.3	755.2
23	42.4	797.7
24	42.6	840.2
25	42.7	882.9
26	42.8	925.7
27	42.9	968.5
28	43.0	1011.5
29	43.1	1054.5
30	43.1	1097.7
31	43.2	1140.9
32	43.3	1184.2
33	43.4	1227.6
34	43.5	1271.1
35	43.5	1314.6

Water Level at 1 cm Increments	Volume Increment Per cm in Water Level (litre)	Cumulative Liquid Volume Inside Tank (litre)
36	43.6	1358.2
37	43.7	1401.9
38	43.7	1445.6
39	43.8	1489.4
40	43.8	1533.2
41	44.0	1577.2
42	44.0	1621.2
43	44.0	1665.2
44	44.1	1709.3
45	44.2	1753.5
46	44.2	1797.7
47	44.3	1841.9
48	44.3	1886.2
49	44.3	1930.6
50	44.4	1974.9
51	44.4	2019.4
52	44.5	2063.8
53	44.5	2108.3
54	44.5	2152.8
55	44.5	2197.4
56	44.7	2242.1
57	44.6	2286.7
58	44.7	2331.4
59	44.7	2376.1
60	44.8	2420.8
61	44.8	2465.6
62	44.8	2510.3
63	44.8	2555.2
64	44.6	2599.8
65	45.0	2644.8
66	44.9	2689.7
67	45.1	2734.7
68	44.6	2779.3
69	44.8	2824.1
70	44.8	2869.0

Water Level at 1 cm Increments	Volume Increment Per cm in Water Level (litre)	Cumulative Liquid Volume Inside Tank (litre)
71	44.8	2913.8
72	44.9	2958.7
73	44.8	3003.5
74	45.0	3048.5
75	44.6	3093.1
76	84.8	3178.0
77	4.8	3182.8
78	40.0	3222.8
79	50.2	3273.0
80	45.2	3318.2
81	45.2	3363.4
82	45.2	3408.7
83	45.2	3453.9
84	36.1	3490.0
85	53.8	3543.8
86	44.8	3588.7
87	44.8	3633.5
88	45.2	3678.7
89	44.4	3723.2
90	44.7	3767.9
91	44.8	3812.7
92	44.8	3857.6
93	45.3	3902.8
94	44.4	3947.3
95	44.8	3992.1
96	44.9	4036.9
97	44.8	4081.7
98	44.8	4126.5
99	44.8	4171.3
100	44.7	4216.0
101	44.6	4260.6
102	44.7	4305.2
103	44.5	4349.7
104	44.4	4394.2
105	44.3	4438.5

Water Level at 1 cm Increments	Volume Increment Per cm in Water Level (litre)	Cumulative Liquid Volume Inside Tank (litre)
106	44.2	4482.6
107	44.0	4526.7
108	43.9	4570.6
109	43.8	4614.4
110	43.6	4658.0
111	43.4	4701.4
112	43.2	4744.6
113	43.0	4787.6
114	42.8	4830.5
115	42.6	4873.1
116	42.9	4916.0
117	41.2	4957.1
118	42.0	4999.2
119	41.6	5040.7
120	41.1	5081.9
121	46.8	5128.6
122	34.6	5163.2
123	40.2	5203.4
124	40.0	5243.4
125	39.2	5282.5
126	39.3	5321.8
127	37.9	5359.8
128	38.0	5397.8
129	37.6	5435.4
130	37.1	5472.5
131	36.7	5509.2
132	36.2	5545.5
133	35.5	5581.0
134	35.0	5616.0
135	34.5	5650.5
136	33.6	5684.0
137	33.8	5717.8
	43.0	Average

1500 gallon (5678 litre) septic tank calibration	
Model #	87-41760
Nominal Capacity (litre)	5678
Operating capacity (litre)	5735
Total tank capacity (litre)	6367
Outlet invert level (cm)	137
Airspace %	9.9
Airspace (litres)	632
18" outlet baffle submergence %	13.1
Inlet Compartment Operating litres (litre)	3823.3
Outlet Compartment Operating litres (litre)	1911.7

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