

Fiberglass Tanks

Fiberglass Tank Volume per Unit of Liquid Depth: 1000-, 1500- and 2000-Gallon Tanks

These tables show the relationship between tank volume, the float setting elevation, and the liquid depth of the tank. The float setting is measured from the top of the tank to the liquid surface; liquid depth is measured from the liquid surface to the floor of the tank.

Liquid Depth: 1000- and 1500-Gallon Tanks

NOTE: Data used in the tank volume tables are rounded; totals may not exactly match the actual total volume of your tank.

Liquid Depth, Inches	Float Setting, Inches	1000-Gallon Tank		1500-gal. Tank	
		Volume Per In. of Depth, Gal.	Gallons in Tank	Volume Per In. of Depth, Gal.	Gallons in Tank
64	Top	26	1210	19	1800
63	—	—	—	—	—
62	—	—	—	—	—
61	—	—	—	16	—
60	4	—	1184	17	1765
59	5	11	1173	18	1748
58	6	12	1161	21	1730
57	7	13	1148	22	1709
56	8	14	1134	23	1687
55	9	15	1119	24	1664
54	10	16	1103	25	1640
53	11*	17	1086	26	1615
52	12	17	1069	28	1589
51	13**	19	1050	29	1561
50	14	19	1031	30	1532
49	15	20	1011	31	1502
48	16	20	991	32	1471
47	17	21	970	32	1439
46	18	22	948	33	1407
45	19	22	926	34	1374
44	20	23	903	35	1340
43	21	23	880	35	1305
42	22	23	857	36	1270
41	23	24	833	36	1234
40	24	24	809	36	1198
39	25	24	785	36	1162
38	26	25	760	37	1126
37	27	25	735	37	1089
36	28	26	709	37	1052
35	29	26	683	38	1015
34	30	26	657	38	977
33	31	26	631	39	939
32	32	26	605	39	900
31	33	26	579	38	861
30	34	26	553	38	823
29	35	26	527	37	785
28	36	26	501	37	748
27	37	26	475	37	711
26	38	25	450	36	674
25	39	25	425	36	638
24	40	24	401	36	602
23	41	24	377	36	566
22	42	24	353	35	530
21	43	23	330	35	495
20	44	23	307	34	460
19	45	23	284	33	426
18	46	22	262	32	393
17	47	21	240	32	361
16	48	20	219	31	329
15	49	20	199	30	298
14	50	19	179	29	268
13	51	19	160	28	239
12	52	17	141	26	211
11	53	17	124	25	185
10	54	16	107	24	160
9	55	15	91	23	136
8	56	14	76	22	113
7	57	13	62	21	91
6	58	12	49	18	70
5	59	11	37	17	52
4	60	—	26	16	35
3	—	—	—	19	—
2	—	—	—	—	—
1	—	—	—	—	—
Floor	—	—	0	—	0

Example: If a 1000-gallon tank is filled to a liquid depth of 49 inches, the liquid volume in the tank is 1011 gallons. The float setting is 15 inches and the volume per inch at that setting is 20 gallons.

* The invert of inlet is typically set 11 inches down from the top of the tank, or in accordance with prevailing state or local regulations.
 ** For gravity discharge applications, the invert of the outlet is typically located 13 inches down from the top of the tank.

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Liquid Depth: 2000-Gallon Tanks

Liquid Depth, Inches	Float Setting, Inches	Volume Per In. of Depth, Gal.	Gallons in Tank
78	Top	—	2300
77	—	—	—
76	—	—	—
75	3	—	—
74	4	16	2260
73	5	17	2244
72	6	18	2227
71	7	21	2209
70	8	22	2188
69	9	23	2166
68	10	24	2143
67	11	25	2119
66	12	26	2094
65	13	28	2068
64	14	29	2040
63	15	30	2011
62	16	31	1981
61	17	32	1950
60	18	32	1918
59	19	33	1886
58	20	34	1853
57	21	35	1819
56	22	35	1784
55	23	36	1749
54	24	36	1713
53	25	36	1677
52	26	36	1641
51	27	37	1605
50	28	37	1568
49	29	37	1531
48	30	38	1494
47	31	38	1456
46	32	39	1418
45	33	37	1381
44	34	37	1344
43	35	37	1307
42	36	37	1270
41	37	37	1233
40	38	37	1196
39	39	37	1159
38	40	37	1122
37	41	37	1085
36	42	37	1048
35	43	37	1011
34	44	37	974
33	45	37	937
32	46	38	900
31	47	38	861
30	48	38	822
29	49	37	785
28	50	37	748
27	51	37	711
26	52	36	674
25	53	36	638
24	54	36	599
23	55	36	566
22	56	35	530
21	57	35	495
20	58	34	460
19	59	33	426
18	60	32	392
17	61	32	361
16	62	31	329
15	63	30	298
14	64	29	268
13	65	28	239
12	66	26	211
11	67	25	185
10	68	24	160
9	69	23	136
8	70	22	113
7	71	21	91
6	72	18	71
5	73	17	52
4	74	16	35
3	75	—	—
2	—	—	—
1	—	—	—
Floor	78	—	0