

CAPACITY OF RECTANGULAR TANKS

(in gallons per foot of depth)

Feet	2	3	4	5	6	7	8	9	10
2	29.92	44.88	59.84	74.81	89.77	104.79	119.69	134.65	149.61
3	44.88	67.32	89.77	112.21	134.65	157.10	179.53	201.97	224.42
4	59.84	89.77	119.69	149.61	179.53	209.45	239.38	269.30	299.22
5	74.81	112.21	149.61	187.01	224.42	261.82	299.22	336.62	374.03
6	89.77	134.65	179.53	224.42	269.30	314.18	359.06	403.95	448.83
7	104.73	157.09	209.45	261.82	314.18	366.54	418.91	471.27	523.64
8	119.69	179.53	239.38	299.22	359.06	418.91	478.75	538.60	598.44
9	134.69	201.97	269.30	336.62	403.95	471.27	538.60	605.92	673.25
10	149.61	224.42	299.22	374.03	448.83	523.64	598.44	673.25	748.05
11	164.57	246.86	329.14	411.43	493.71	576.00	658.28	740.57	822.86
12	179.53	269.30	359.06	448.83	538.60	628.36	718.13	807.89	897.66

CAPACITY OF ROUND TANKS

(in gallons per foot of depth)

$$r \times r \times \pi \times 7.481$$

Diameter in Feet	Gallons	Diameter in Feet	Gallons	Diameter in Feet	Gallons
1.0	5.88	6.0	211.51	11.0	710.90
1.5	13.22	6.5	248.23	11.5	776.99
2	23.50	7.0	287.88	12.0	846.03
2.5	36.72	7.5	330.48	12.5	918.00
3.0	52.88	8.0	376.01	13.0	992.91
3.5	71.97	8.5	424.48	13.5	1070.73
4.0	94.00	9.0	475.89	14.0	1151.54
4.5	118.97	9.5	530.24	14.5	1235.26
5.0	146.88	10.0	587.52	15.0	1321.92
5.5	177.72	10.5	647.74	15.5	1411.51

Cubic foot = 7.481 gallons
1728 cubic inches

Gallon = 8.337 lb @ 62° F (water)
231 cubic inches

Quart = 32 oz.

Pint = 16 oz.