



How to calculate the gallons in a swimming pool

To figure out how many gallons are in a swimming pool, determine the length, width, average depth and multiplier- Length * Width * Average Depth * Multiplier = **Gallons**

Determine the Multiplier:

Rectangle, square, or free-form pool: **multiplier = 7.5.**

Round or Oval pool: **multiplier = 5.9**

Determine the Average Depth:

To determine the average depth in a pool where the bottom slopes, measure the shallow end, the deep end depth. Add them together and divide by two (2).

Example: Shallow End = 2'. Deep End = 10'

2' + 10' = 12'; 12'/2 = 6' Average Depth

Below are the total gallons for various pool sizes

Standard Pool Above Ground Pools with a Pool Wall of 48 inches			
12 ft Round	~ 2,975 gallons	12' x 24' Oval	~ 5,948 gallons
15 ft Round	~ 4,646 gallons	15' x 30' Oval	~ 9,293 gallons
18 ft Round	~ 7,646 gallons	16' x 32' Oval	~ 10,573 gallons
21 ft Round	~ 9,106 gallons	18' x 33' Oval	~ 12,267 gallons
24 ft Round	~ 11,895 gallons		
27 ft Round	~ 15,054 gallons		
30 ft Round	~ 18,585 gallons		
33 ft Round	~ 22,488 gallons		

Standard Pool Above Ground Pools with a Pool Wall of 52 inches			
12 ft Round	~ 3,398 gallons	12' x 24' Oval	~ 6,797 gallons
15 ft Round	~ 5,310 gallons	15' x 30' Oval	~ 10,620 gallons
18 ft Round	~ 8,602 gallons	16' x 32' Oval	~ 12,084 gallons
21 ft Round	~ 10,408 gallons	18' x 33' Oval	~ 14,019 gallons
24 ft Round	~ 13,594 gallons	18' x 40' Oval	~ 19,116 gallons
27 ft Round	~ 17,205 gallons		
30 ft Round	~ 21,240 gallons		
33 ft Round	~ 25,700 gallons		

Standard Pool In-Ground Pool Sizes with Varying Depths					
POOL SIZE	GALLON 3.5' Av. DEPTH	GALLON 4' Av. DEPTH	GALLON 4.5' Av. DEPTH	GALLON 5' Av. DEPTH	GALLON 5.5' Av. DEPTH
12' x 24'	7,600	8,600	9,700	10,800	11,900
14' x 28'	10,300	11,800	13,200	14,700	16,200
15' x 30'	11,800	13,500	15,200	16,900	18,600
16' x 32'	13,400	15,400	17,300	19,200	21,100
18' x 36'	17,000	19,400	21,900	24,300	26,700
19' x 38'	19,000	21,700	24,400	27,100	29,800
20' x 40'	21,000	24,000	27,000	30,000	33,000
22' x 44'	25,400	29,000	32,700	36,300	39,900
25' x 45'	29,531	33,750	37,968	42,187	46,406
25' x 50'	32,800	37,500	42,200	46,900	51,600
30' x 50'	39,375	45,000	50,525	56,250	61,875