



## 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			
<b>12 ft Round</b>	~ 2,975 gallons	<b>12' x 24' Oval</b>	~ 5,948 gallons
<b>15 ft Round</b>	~ 4,646 gallons	<b>15' x 30' Oval</b>	~ 9,293 gallons
<b>18 ft Round</b>	~ 7,646 gallons	<b>16' x 32' Oval</b>	~ 10,573 gallons
<b>21 ft Round</b>	~ 9,106 gallons	<b>18' x 33' Oval</b>	~ 12,267 gallons
<b>24 ft Round</b>	~ 11,895 gallons		
<b>27 ft Round</b>	~ 15,054 gallons		
<b>30 ft Round</b>	~ 18,585 gallons		
<b>33 ft Round</b>	~ 22,488 gallons		

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