

SWIMMING POOL WATER VOLUME CALCULATION

If you are unsure how many gallons of water your swimming pool holds, there are formulas for calculating the volume.

Round or oval shaped pools-

- The multiplier for round or oval shaped pools is **5.9**
- Determine the short diameter and long diameter by measuring across the pool vertically and horizontally (These values will both be the same for circular pools)
- Determine the average depth
 - For level bases, measure from the bottom of the pool to the top of the water line
 - For sloped bases, measure the shallow end, and then measure the deep end. Add the two depths together and then divide by 2
- Now multiply:
Multiplier * short diameter * long diameter * depth = gallons

Rectangle or square shaped pools-

- The multiplier for rectangle or square shaped pools is **7.5**
- Determine the length and the width by measuring across the pool vertically and then horizontally
- Determine the average depth
 - For level bases, measure from the bottom of the pool to the top of the water line
 - For sloped bases, measure the shallow end, and then measure the deep end. Add the two depths together and then divide by 2
- Now multiply:
Multiplier * length * width * depth = gallons

***Chart of Approximate Water Volume
and Approximate Additional Cost
for filling Standard Pools***

Above ground round pools @ 4' depth

12'	~2,975 gallons	~\$35.00
15'	~4,646 gallons	~\$50.00
18'	~7,646 gallons	~\$85.00
21'	~9,106 gallons	~\$100.00
24'	~11,895 gallons	~\$130.00
27'	~15,054 gallons	~\$157.00
30'	~18,585 gallons	~\$190.00
33'	~22,488 gallons	~\$225.00

Above ground oval pools @ 4' depth

12'x24'	~5,948 gallons	~\$70.00
15'x30'	~9,293 gallons	~\$105.00
16'x32'	~10,573 gallons	~\$115.00
18'x33'	~12,267 gallons	~\$140.00

In-ground rectangular pools @ 4' average depth

12'x24'	~8,600 gallons	~\$98.00
14'x28'	~11,800 gallons	~\$130.00
15'x30'	~13,500 gallons	~\$157.00
16'x32'	~15,400 gallons	~\$160.00
18'x36'	~19,400 gallons	~\$190.00
19'x38'	~21,700 gallons	~\$218.00
20'x40'	~24,000 gallons	~\$235.00
22'x44'	~29,000 gallons	~\$268.00
25'x45'	~33,750 gallons	~\$298.00
25'x50'	~37,500 gallons	~\$322.00
30'x50'	~45,000 gallons	~\$365.00

*Note- See our current rates for more precise calculations and remember to add your average monthly usage to the additional usage for filling the pool, plus any additional usage for the month, such as lawn or garden watering, pressure washing, car washing, etc...