

Pool Volume Calculator: How Much Water Is In Your Pool?

Pool Volume Formula

To calculate the volume of your swimming pool, use one of the following formulas based on your pool shape:

1. **Rectangular or Square Pool:**

$$\text{Volume (litres)} = \text{Length (m)} \times \text{Width (m)} \times \text{Average Depth (m)} \times 1000$$

2. **Circular Pool:**

$$\text{Volume (litres)} = \pi \times \text{Radius}^2 \text{ (m}^2\text{)} \times \text{Average Depth (m)} \times 1000$$

3. **Oval Pool:**

$$\text{Volume (litres)} = \text{Length (m)} \times \text{Width (m)} \times \text{Average Depth (m)} \times 0.89 \times 1000$$

Note: Always measure in meters and convert to litres by multiplying cubic meters by 1000.

These calculations will give you a close approximation of your pool's total water volume, essential for chemical balancing and equipment sizing.