

AREA & VOLUME CALCULATIONS

Basic Shapes:

Rectangle: $A = \text{Length} \times \text{Width}$

Circle: $A = \pi \times r^2 = 0.785 \times D^2$

Cylinder Volume: $V = \pi \times r^2 \times \text{height} = 0.785 \times D^2 \times H$

Tank Volumes:

Rectangular Tank: $V = L \times W \times H \text{ (ft}^3\text{)}$

Circular Tank: $V = 0.785 \times D^2 \times H \text{ (ft}^3\text{)}$

Convert to Gallons: Multiply $\text{ft}^3 \times 7.48$