Gallon Capacity In Round or Rectangular Basins.

Round Basins

Multiply Column Three by Depth of Fluid to get Total Gallonage

Basin Diameter	Cubic Inches per 1" Depth	Gallons per Inch of Depth
18"	254.47	1.10
24"	452.39	1.96
30"	706.86	3.06
36"	1,017.88	4.41
42"	1,385.44	6.00
48"	1,809.56	7.83
60"	2,827.43	12.24

FOR OTHER DIAMETER TANKS (1" of Depth)

Multiply Pi (3.142) by the radius squared and divide by 231

EXAMPLE

72" Dia. Tank
3.142 X 36 X 36 = 4,072 cu. in's
Divide by 231 = 17.63 Gallons per inch of Depth

1 US GALLON = 231Cubic Inches

Square or Rectangular Tanks

$$\frac{\text{Length X Width}}{231} = \text{Gallons per inch of Depth}$$

EXAMPLE

8ft. X 10ft Concrete Tank (Inside Dim's)
= 96" X 120"
= 11,520 Square Inches
Divide by 231
= 49.87 Gallons / Inch of Depth.