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HORIZONTAL CYLINDRICAL TANK VOLUME CHART

This chart lists the calculated volume of liquid in a perfectly level, horizontal-axis, cylindrical tank based on the measured depth of liquid in the tank. The calculations are also based upon the assumption that the tank is perfectly cylindrical and is of the exact dimensions listed at the beginning of the chart.

This chart is produced in metric.

Capacity of tank with the following dimensions is: **4,577.81 liters / 1,007.00 Gal.**

Inside diameter of tank: 127.01 cm / 50.00 inches

Inside length of tank: 361.32 cm / 142.25 inches

| Depth (cm) | Volume (liters) |
|------------|-----------------|
| 1 | 5.42 |
| 2 | 15.28 |
| 3 | 28.01 |
| 4 | 43.02 |
| 5 | 59.98 |
| 6 | 78.65 |
| 7 | 98.87 |
| 8 | 120.50 |
| 9 | 143.44 |
| 10 | 167.58 |
| 11 | 192.85 |
| 12 | 219.19 |
| 13 | 246.52 |
| 14 | 274.81 |
| 15 | 304.00 |
| 16 | 334.04 |
| 17 | 364.89 |
| 18 | 396.53 |
| 19 | 428.90 |
| 20 | 461.99 |
| 21 | 495.75 |
| 22 | 530.17 |
| 23 | 565.21 |
| 24 | 600.85 |

| | |
|----|----------|
| 25 | 637.07 |
| 26 | 673.83 |
| 27 | 711.13 |
| 28 | 748.93 |
| 29 | 787.22 |
| 30 | 825.97 |
| 31 | 865.18 |
| 32 | 904.82 |
| 33 | 944.87 |
| 34 | 985.31 |
| 35 | 1,026.13 |
| 36 | 1,067.32 |
| 37 | 1,108.86 |
| 38 | 1,150.72 |
| 39 | 1,192.91 |
| 40 | 1,235.39 |
| 41 | 1,278.17 |
| 42 | 1,321.21 |
| 43 | 1,364.52 |
| 44 | 1,408.08 |
| 45 | 1,451.86 |
| 46 | 1,495.87 |
| 47 | 1,540.09 |
| 48 | 1,584.49 |
| 49 | 1,629.09 |
| 50 | 1,673.85 |
| 51 | 1,718.77 |
| 52 | 1,763.83 |
| 53 | 1,809.02 |
| 54 | 1,854.34 |
| 55 | 1,899.77 |
| 56 | 1,945.29 |
| 57 | 1,990.91 |
| 58 | 2,036.59 |
| 59 | 2,082.34 |
| 60 | 2,128.14 |
| 61 | 2,173.98 |
| 62 | 2,219.84 |
| 63 | 2,265.73 |
| 64 | 2,311.62 |
| 65 | 2,357.51 |
| 66 | 2,403.37 |
| 67 | 2,449.21 |
| 68 | 2,495.01 |
| 69 | 2,540.76 |
| 70 | 2,586.45 |
| 71 | 2,632.06 |
| 72 | 2,677.59 |
| 73 | 2,723.01 |
| 74 | 2,768.33 |
| 75 | 2,813.53 |
| 76 | 2,858.59 |

| | |
|--------------|--------------|
| 77 | 2,903.51 |
| 78 | 2,948.28 |
| 79 | 2,992.87 |
| 80 | 3,037.28 |
| 81 | 3,081.50 |
| 82 | 3,125.51 |
| 83 | 3,169.30 |
| 84 | 3,212.85 |
| 85 | 3,256.16 |
| 86 | 3,299.21 |
| 87 | 3,341.99 |
| 88 | 3,384.48 |
| 89 | 3,426.67 |
| 90 | 3,468.54 |
| 91 | 3,510.07 |
| 92 | 3,551.26 |
| 93 | 3,592.09 |
| 94 | 3,632.54 |
| 95 | 3,672.60 |
| 96 | 3,712.24 |
| 97 | 3,751.45 |
| 98 | 3,790.21 |
| 99 | 3,828.50 |
| 100 | 3,866.31 |
| 101 | 3,903.61 |
| 102 | 3,940.38 |
| 103 | 3,976.60 |
| 104 | 4,012.24 |
| 105 | 4,047.29 |
| 106 | 4,081.71 |
| 107 | 4,115.49 |
| 108 | 4,148.58 |
| 109 | 4,180.96 |
| 110 | 4,212.60 |
| 111 | 4,243.47 |
| 112 | 4,273.52 |
| 113 | 4,302.71 |
| 114 | 4,331.01 |
| 115 | 4,358.36 |
| 116 | 4,384.70 |
| 117 | 4,409.98 |
| 118 | 4,434.14 |
| 119 | 4,457.08 |
| 120 | 4,478.73 |
| 121 | 4,498.96 |
| 122 | 4,517.65 |
| 123 | 4,534.63 |
| 124 | 4,549.66 |
| 125 | 4,562.41 |
| 126 | 4,572.31 |
| 127 | 4,577.80 |
| end of chart | end of chart |