

Capacity Tables - Imperial Panels

Panel sizes available : 1.22m x 1.22m, 1.22m x .61, .61m x .61m

Tank sizes given in this table are based on their external dimensions which are 150 mm greater than the internal dimensions.

Capacities are calculated based on internal dimensions as follows

INTERNAL LENGTH X WIDTH X HEIGHT IN M = M³ x 1000 = Litres ÷ 4.546 = Gallons.

| External Length | External Width | Height .61m | | Height 1.22m | | Height 1.83m | | Height 2.44m | |
|-----------------|----------------|-------------|---------|--------------|---------|--------------|---------|--------------|---------|
| | | litres | gallons | Litres | gallons | litres | gallons | Litres | gallons |
| 1.37 | 1.37 | 909 | 200 | 1818 | 400 | 2728 | 600 | 3637 | 800 |
| 1.98 | 1.37 | 1364 | 300 | 2728 | 600 | 4091 | 900 | 5455 | 1200 |
| 1.98 | 1.98 | 2046 | 450 | 4091 | 900 | 6137 | 1350 | 8183 | 1800 |
| 2.59 | 1.37 | 1818 | 400 | 3637 | 800 | 5455 | 1200 | 7274 | 1600 |
| 2.59 | 1.98 | 2728 | 600 | 5455 | 1200 | 8183 | 1800 | 10910 | 2400 |
| 2.59 | 2.59 | 3637 | 800 | 7274 | 1600 | 10910 | 2400 | 14547 | 3200 |
| 3.2 | 1.37 | 2273 | 500 | 4546 | 1000 | 6819 | 1500 | 9092 | 2000 |
| 3.2 | 1.98 | 3410 | 750 | 6819 | 1500 | 10229 | 2250 | 13638 | 3000 |
| 3.2 | 2.59 | 4546 | 1000 | 9092 | 2000 | 13638 | 3000 | 18184 | 4000 |
| 3.2 | 3.2 | 5683 | 1250 | 11365 | 2500 | 17048 | 3750 | 22730 | 5000 |
| 3.81 | 1.37 | 2728 | 600 | 5455 | 1200 | 8183 | 1800 | 10910 | 2400 |
| 3.81 | 1.98 | 4091 | 900 | 8183 | 1800 | 12274 | 2700 | 16366 | 3600 |
| 3.81 | 2.59 | 5455 | 1200 | 10910 | 2400 | 16366 | 3600 | 21821 | 4800 |
| 3.81 | 3.2 | 6819 | 1500 | 13638 | 3000 | 20457 | 4500 | 27276 | 6000 |
| 3.81 | 3.81 | 8183 | 1800 | 16366 | 3600 | 24548 | 5400 | 32731 | 7200 |
| 4.42 | 1.37 | 3182 | 700 | 6364 | 1400 | 9547 | 2100 | 12729 | 2800 |
| 4.42 | 1.98 | 4773 | 1050 | 9547 | 2100 | 14320 | 3150 | 19093 | 4200 |
| 4.42 | 2.59 | 6364 | 1400 | 12729 | 2800 | 19093 | 4200 | 25458 | 5600 |
| 4.42 | 3.2 | 7956 | 1750 | 15911 | 3500 | 23867 | 5250 | 31822 | 7000 |
| 4.42 | 3.81 | 9547 | 2100 | 19093 | 4200 | 28640 | 6300 | 38186 | 8400 |
| 4.42 | 4.42 | 11138 | 2450 | 22275 | 4900 | 33413 | 7350 | 44551 | 9800 |
| 5.03 | 1.37 | 3637 | 800 | 7274 | 1600 | 10910 | 2400 | 14547 | 3200 |
| 5.03 | 1.98 | 5455 | 1200 | 10910 | 2400 | 16366 | 3600 | 21821 | 4800 |
| 5.03 | 2.59 | 7274 | 1600 | 14547 | 3200 | 21821 | 4800 | 29094 | 6400 |
| 5.03 | 3.2 | 9092 | 2000 | 18184 | 4000 | 27276 | 6000 | 36368 | 8000 |
| 5.03 | 3.81 | 10910 | 2400 | 21821 | 4800 | 32731 | 7200 | 43642 | 9600 |
| 5.03 | 4.42 | 12729 | 2800 | 25458 | 5600 | 38186 | 8400 | 50915 | 11200 |
| 5.03 | 5.03 | 14547 | 3200 | 29094 | 6400 | 43642 | 9600 | 58189 | 12800 |
| 5.64 | 1.37 | 4091 | 900 | 8183 | 1800 | 12274 | 2700 | 16366 | 3600 |
| 5.64 | 1.98 | 6137 | 1350 | 12274 | 2700 | 18411 | 4050 | 24548 | 5400 |
| 5.64 | 2.59 | 8183 | 1800 | 16366 | 3600 | 24548 | 5400 | 32731 | 7200 |
| 5.64 | 3.2 | 10229 | 2250 | 20457 | 4500 | 30686 | 6750 | 40914 | 9000 |
| 5.64 | 3.81 | 12274 | 2700 | 24548 | 5400 | 36823 | 8100 | 49097 | 10800 |
| 5.64 | 4.42 | 14320 | 3150 | 28640 | 6300 | 42960 | 9450 | 57280 | 12600 |
| 5.64 | 5.03 | 16366 | 3600 | 32731 | 7200 | 49097 | 10800 | 65462 | 14400 |
| 5.64 | 5.64 | 18411 | 4050 | 36823 | 8100 | 55234 | 12150 | 73654 | 16200 |

ACCESS FOR ERECTION:

Adequate space must be available for erection purposes and across the cover for access to the inside of the Tank. See assembly space requirements.

As a quick guide to space required :

Add 0.9 m to length and width of 0.61m & 1.22m high tanks.

Add 1m to length and width of 1.83m & 2.44m high tanks.