

GRP Sectional Cold Water Storage Tanks
Manufacturing Tanks Since 1973



TRICEL

WATER STORAGE

Sectional Tank Metric Capacity Table



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Water Tank Capacity Table – Metric Panels

Panel sizes available: 1m x 1m, 1m x .5m, .5m x .5m. Tank sizes displayed in this table are based on external dimensions, which are 150 mm greater than the internal dimensions.

Nominal capacities are calculated based on internal dimensions as follows:
 Length X Width X Height (m): M³ x 1000 = Litres ÷ 4.546 = Gallons.

External Length m	External Width m	Nominal Capacity	Height							
			1m		1.5m		2m		2.5m	
Litres	Gallons		Litres	Gallons	Litres	Gallons	Litres	Gallons		
1.15	1.15		1000	220	1500	330	2000	440	2500	550
1.65	1.15		1500	330	2250	495	3000	660	3750	825
2.15	1.65		3000	660	4500	990	6000	1320	7500	1650
2.65	1.15		2500	550	3750	825	5000	1100	6250	1375
2.65	1.65		3750	825	5625	1237	7500	1650	9375	2062
2.15	1.15		2000	440	3000	660	4000	880	5000	1100
2.15	2.15		4000	880	6000	1320	8000	1760	10000	2200
3.15	1.15		3000	660	4500	990	6000	1320	7500	1650
3.15	2.15		6000	1320	9000	1980	12000	2640	15000	3300
3.15	3.15		9000	1980	13500	2970	18000	3960	22500	4949
4.15	1.15		4000	880	6000	1320	8000	1760	10000	2200
4.15	2.15		8000	1760	12000	2640	16000	3520	20000	4399
4.15	3.15		12000	2640	18000	3960	24000	5279	30000	6599
4.15	4.15		16000	3520	24000	5279	32000	7039	40000	8799
5.15	1.15		5000	1100	7500	1650	10000	2200	12500	2750
5.15	2.15		10000	2200	15000	3300	20000	4399	25000	5499
5.15	3.15		15000	3300	22500	4949	30000	6599	37500	8249
5.15	4.15		20000	4399	30000	6599	40000	8799	50000	10999
6.15	1.15		6000	1320	9000	1980	12000	2640	15000	3300
6.15	2.15		12000	2640	18000	3960	24000	5279	30000	6599
6.15	4.15		24000	5279	36000	7919	48000	10559	60000	13198
6.15	5.15		30000	6599	45000	9899	60000	13198	75000	16498
6.15	6.15		36000	7919	54000	11879	72000	15838	90000	19798
7.15	1.15		7000	1540	10500	2310	14000	3080	17500	3850
7.15	2.15		14000	3080	21000	4619	28000	6159	35000	7699
7.15	3.15		21000	4619	31500	6929	42000	9239	52500	11549
7.15	6.15		42000	9239	63000	13858	84000	18478	105000	23097
7.15	7.15		49000	10779	73500	16168	98000	21557	122500	26947
8.15	1.15		8000	1760	12000	2640	16000	3520	20000	4399
8.15	2.15		16000	3520	24000	5279	32000	7039	40000	8799
8.15	3.15		24000	5279	36000	7919	48000	10559	60000	13198
9.15	1.15		9000	1980	13500	2970	18000	3960	22500	4949
9.15	2.15		18000	3960	27000	5939	36000	7919	45000	9899
9.15	3.15		27000	5939	40500	8909	54000	11879	67500	14848
9.15	4.15		36000	7919	54000	11879	72000	15838	90000	19798
10.15	5.15		50000	10999	75000	16498	100000	21997	125000	27497
16.15	6.15		96000	21117	144000	31676	192000	42235	240000	52794
48.15	24.15		1152000	253410	1728000	380114	2304000	506819	2880000	633524

External	External	Height						
Length	Width		3m		3.5m		4m	
m	m		Litres	Gallons	Litres	Gallons	Litres	Gallons
1.15	1.15		Nominal Capacity	3000	660	3500	770	4000
1.65	1.15	4500		990	5250	1155	6000	1320
2.15	1.65	9000		1980	10500	2310	12000	2640
2.65	1.15	7500		1650	8750	1925	10000	2200
2.65	1.65	11250		2475	13125	2887	15000	3300
2.15	1.15	6000		1320	7000	1540	8000	1760
2.15	2.15	12000		2640	14000	3080	16000	3520
3.15	1.15	9000		1980	10500	2310	12000	2640
3.15	2.15	18000		3960	21000	4619	24000	5279
3.15	3.15	27000		5939	31500	6929	36000	7919
4.15	1.15	12000		2640	14000	3080	16000	3520
4.15	2.15	24000		5279	28000	6159	32000	7039
4.15	3.15	36000		7919	42000	9239	48000	10559
4.15	4.15	48000		10559	56000	12319	64000	14078
5.15	1.15	15000		3300	17500	3850	20000	4399
5.15	2.15	30000		6599	35000	7699	40000	8799
5.15	3.15	45000		9899	52500	11549	60000	13198
5.15	4.15	60000		13198	70000	15398	80000	17598
6.15	1.15	18000		3960	21000	4619	24000	5279
6.15	2.15	36000		7919	42000	9239	48000	10559
6.15	4.15	72000		15838	84000	18478	96000	21117
6.15	5.15	90000		19798	105000	23097	120000	26397
6.15	6.15	108000		23757	126000	27717	144000	31676
7.15	1.15	21000		4619	24500	5389	28000	6159
7.15	2.15	42000		9239	49000	10779	56000	12319
7.15	3.15	63000		13858	73500	16168	84000	18478
7.15	6.15	126000		27717	147000	32336	168000	36956
7.15	7.15	147000		32336	171500	37725	196000	43115
8.15	1.15	24000		5279	28000	6159	32000	7039
8.15	2.15	48000		10559	56000	12319	64000	14078
8.15	3.15	72000		15838	84000	18478	96000	21117
9.15	1.15	27000		5939	31500	6929	36000	7919
9.15	2.15	54000		11879	63000	13858	72000	15838
9.15	3.15	81000	17818	94500	20788	108000	23757	
9.15	4.15	108000	23757	126000	27717	144000	31676	
10.15	5.15	150000	32996	175000	38495	200000	43995	
16.15	6.15	288000	63352	336000	73911	384000	84470	
48.15	24.15	3456000	760229	4032000	886934	4608000	1013638	

Access Required for Tank Erection

Adequate space must be available for erection purposes and across the cover for access to the inside of the Tank. See Sectional water tank clearance document for detailed guidelines

As quick guide to space required:

- Add 1 m to internal length and width of 0.5m – 2m high tanks.
- Add 1.6 m to internal length and width of 2.5m & 3m high tanks.
- Add 1.4 m to internal length and width of 3.5 & 4mm high tanks.



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In accordance with Tricel (Killarney) normal policy of product development this specification is subject to change without notice.