



The name that really holds water

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### INTRODUCTION

**ABECO Tanks, established in 1983** with the aim of satisfying the ever increasing need for hygienic storage of life's essential resource, water and went about developing the most **cost effective solutions to water storage** needs without compromising **safety hygiene quality or durability**.

Using modern technology **ABECO** has become a **leading innovator** in the development of water storage solutions.



### ADVANTAGES

Abeco's pressed steel tanks can satisfy most water storage applications.

- **Safe & hygienic**
- **Unaffected by ultra violet** or light penetration
- **Rugged and simple design**
- **Transportable to remote locations**
- Quick and **easy to install**
- **Reduced project lead time** from initialization to completion
- **Access to restricted places**
- All plates are **galvanised** for **added corrosion protection**

### HIGHLIGHTS

- Reaching over **20 000 installations**
- The installation of the **first 5 million rectangular tank in 2008** – which is still the **biggest bolted steel tank in Southern Africa to date**
- The **installation of the first 3 million circular bolted tank in 2009**
- The **installation of a 5 x 500 cubic meter tank on a 25 meter stand** – located on the north eastern

coast on central America – the structure had to be designed to withstand hurricanes which had historically played a devastating role in the area

- **ABECO has supplied storage tanks to over 30 countries**
- **Is the first steel manufacturer to receive ISO9001 accreditation in 2010**
- **SABS certification**

### AFFILIATIONS AND ACCREDITATIONS







## GROUND LEVEL TANKS

This design also allows us greater versatility to customise tank sizes according to our client's requirements and site specifications. Our tank sizes **range from 1800 litres to as much as 10 million litres** in terms of capacity.

**ABECO** Tanks will recommend the correct panel thickness to ensure maximum water pressure is maintained thus optimising the cost benefits for our clients.

## ELEVATED TANKS



Elevated tanks are manufactured in accordance to SANS 10162-1 & 2, ensuring the highest standards. The height of elevation is dependent on the client request. Walkways and landings are supplied with elevated tanks that are 12m and higher. Customised stands can also be supplied as per the site conditions or requirements. They are commonly founded on reinforced concrete bases.

For more information visit [www.abecotanks.co.za](http://www.abecotanks.co.za)



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Proudly manufactured in South Africa since 1983.



## TANK CAPACITY CHART

Tank Capacity Chart - ( Selected Sizes ) - Capacity in Litres											
Length m	Width m	Depth				Length m	Width m	Depth			
		1Panel 1.22m	2Panels 2.44m	3Panels 3.66m	4Panels 4.88m			1Panel 1.22m	2Panels 2.44m	3Panels 3.66m	4Panels 4.88m
1.22	1.22	1.816	3.632	5.448	7.263	8.54	8.54	88.977	177.953	266.930	355.906
2.44	1.22	3.632	7.263	10.895	14.527	9.76	8.54	101.687	203.375	305.062	406.750
3.66	1.22	5.448	10.895	16.343	21.790	10.98	8.54	114.398	228.797	343.195	457.594
4.88	1.22	7.263	14.527	21.790	29.054	12.20	8.54	127.109	254.219	381.328	508.437
6.10	1.22	9.079	18.158	27.238	36.317	13.42	8.54	139.820	279.820	419.641	559.281
2.44	2.44	7.263	14.527	21.790	29.054	9.76	9.76	116.214	232.429	348.643	464.857
3.66	2.44	10.895	21.790	32.685	43.580	10.98	9.76	130.741	261.482	392.223	522.964
4.88	2.44	14.527	29.054	43.580	58.107	12.20	9.76	145.268	290.536	435.804	581.071
6.10	2.44	18.158	36.317	54.475	72.634	13.42	9.76	159.795	319.589	479.384	639.178
7.32	2.44	21.790	43.580	65.371	87.161	14.64	9.76	174.321	348.643	522.964	697.286
3.66	3.66	16.343	32.685	49.028	65.371	10.98	10.98	147.084	294.167	441.251	588.335
4.88	3.66	21.790	43.580	65.371	87.161	12.20	10.98	163.426	326.853	490.279	653.705
6.10	3.66	27.238	54.475	81.713	108.951	13.42	10.98	179.769	359.538	539.307	719.076
7.32	3.66	32.685	65.371	98.056	130.741	14.64	10.98	196.112	392.223	588.335	784.446
8.54	3.66	38.133	76.266	114.398	152.531	15.86	10.98	212.454	424.908	637.363	849.817
4.88	4.88	29.054	58.107	87.161	116.214	12.20	12.20	181.585	363.170	544.754	726.339
6.10	4.88	36.317	72.634	108.951	145.268	13.42	12.20	199.743	399.487	599.230	798.973
7.32	4.88	43.580	87.161	130.741	174.321	14.64	12.20	217.902	435.804	653.705	871.607
8.54	4.88	50.844	101.687	152.531	203.375	15.86	12.20	236.060	472.120	708.181	944.241
9.76	4.88	58.107	116.214	174.321	232.429	17.08	12.20	254.219	508.437	762.656	1,016.875
6.10	6.10	45.396	90.792	136.189	181.585	13.42	13.42	219.718	439.435	659.153	878.870
7.32	6.10	54.475	108.951	163.426	217.902	14.64	13.42	239.692	479.384	719.076	958.768
8.54	6.10	63.555	127.109	190.664	254.219	15.86	13.42	259.666	519.333	778.999	1,038.665
9.76	6.10	72.634	145.268	217.902	290.536	17.08	13.42	279.641	559.281	838.922	1,118.562
10.98	6.10	81.713	163.426	245.139	326.853	18.30	13.42	299.615	599.230	898.845	1,198.460
7.32	7.32	65.371	130.741	196.112	261.482	14.64	14.64	261.482	522.964	784.446	1,045.928
8.54	7.32	76.266	152.531	228.797	305.082	15.86	14.64	283.272	566.545	849.817	1,133.089
9.76	7.32	87.161	174.321	261.482	348.643	17.08	14.64	305.062	610.125	915.187	1,220.250
10.98	7.32	98.056	196.112	294.167	392.223	18.30	14.65	326.853	653.705	980.558	1,307.411
12.20	7.32	108.951	217.902	326.853	435.804	19.52	14.65	348.643	697.286	1,045.928	1,394.571

\* Larger capacities are available upon request

## CUSTOM TANKS

Many requirements for **special tanks can be accommodated**, whether the client has a space restriction or obstructions.

SCAN HERE



**ABECO** Tanks can supply half panels, U-shaped, L-shaped and other odd shapes. Partitions to divide our tanks into two compartments can be provided and are commonly supplied for fire tanks.