



Unlimited Solutions

For Your Water Storage



Modular Tanks designs and manufactures tanks with great strength and capacity.

Our depth of experience means that we can give you the best advice on tank and pump combinations to maximize the capture, collection and pumping of your most precious resource-water. Our commitment to customer service is second to none. We are fast and efficient.

Drinking water :

The superior quality of liner gives you complete-peace-of-mind as it secures your precious water better than any other liner can. It's very strong and flexible, with a 250% stretch factor.

Modular tanks water solutions provides you with a **5 year** warranty that covers parts and labour.

OUR PRODUCT RANGE...

- * 30,000 liters to 50,000,00 Liters+
- * Available in a wide range of finishes and colours
- * All tanks are Engineer Certified to Terrain Category 2 Region D (Cyclonic)



300 KL-3 Nos + 100 KL Installed at a Project in Ahmedabad, India



Over 5 million Lts. Installed at a Project in Rohtat, India.



Over 1.2 million Lts. Installed at a Project in Mehsana, India.



300 KL-3 Nos + 100 KL Installed at a Project in Bangalore, India

4 million Ltrs. Installed at a Project in Maldives



2 million x 2 Nos Installed at a Project in Ahmedabad, India



AQUADOME CAPACITIES IN LITERS

Tank Height in Metres		1.72	2.56	3.40	4.24	5.08	5.92	6.76	7.60	8.44	9.28	10.12
Model	Diameter											
AD 10	2.63	9,314	13,862	18,410	22,959	27,507	32,056	36,604	41,153	45,701	50,250	54,798
AD 25	3.50	16,557	24,644	32,730	40,816	48,902	56,988	65,074	73,160	81,247	89,333	97,419
AD 40	4.38	25,871	38,506	51,140	63,775	76,409	89,044	101,679	114,313	126,948	139,582	152,217
AD 65	5.25	37,254	55,448	73,642	91,836	110,029	128,223	146,417	164,611	182,805	200,999	219,193
AD 100	6.13	50,707	75,471	100,235	124,999	149,762	174,526	199,290	224,054	248,818	273,582	298,346
AD 120	7.00	66,229	98,574	130,919	163,263	195,608	227,953	260,297	292,642	324,987	357,331	389,676
AD 175	7.88	83,822	124,758	165,694	206,630	247,566	288,503	329,439	370,375	411,311	452,247	493,183
AD 200	8.75	103,484	154,022	204,561	255,099	305,637	356,176	406,714	457,253	507,791	558,330	608,868
AD 250	9.63	125,215	186,367	247,518	308,670	369,821	430,973	492,124	553,276	614,428	675,579	736,731
AD 300	10.50	149,016	221,792	294,567	367,343	440,118	512,893	585,669	658,444	731,220	803,995	876,770
AD 350	11.38	174,887	260,297	345,707	431,117	516,527	601,937	687,347	772,757	858,167	943,578	1,028,988
AD 400	12.25	202,828	301,883	400,939	499,994	599,049	698,105	797,160	896,216	995,271	1,094,327	1,193,382
AD 450	13.13	232,838	346,550	460,261	573,973	687,684	801,396	915,108	1,028,819	1,142,531	1,256,242	1,369,954
AD 500	14.00	264,918	394,296	523,675	653,053	782,432	911,810	1,041,189	1,170,568	1,299,946	1,429,325	1,558,703
AD 550	14.88	299,067	445,124	591,180	737,236	883,292	1,029,349	1,175,405	1,321,461	1,467,517	1,613,573	1,759,630
AD 600	15.75	335,287	499,031	662,776	826,521	990,265	1,154,010	1,317,755	1,481,500	1,645,244	1,808,989	1,972,734
AD 650	16.63	373,576	556,020	738,463	920,907	1,103,351	1,285,795	1,468,239	1,650,683	1,833,127	2,015,571	2,198,015
AD 700	17.50	413,934	616,088	818,242	1,020,396	1,222,550	1,424,704	1,626,858	1,829,012	2,031,166	2,233,320	2,435,474
AD 750	18.38	456,362	679,237	902,112	1,124,987	1,347,861	1,570,736	1,793,611	2,016,485	2,239,360	2,462,235	2,685,110
AD 800	19.26	500,860	745,467	990,073	1,234,679	1,479,285	1,723,892	1,968,498	2,213,104	2,457,710	2,702,317	2,946,923
AD 850	20.13	547,428	814,777	1,082,125	1,349,474	1,616,822	1,884,171	2,151,519	2,418,868	2,686,217	2,953,565	3,220,914
AD 900	21.01	596,065	887,167	1,178,269	1,469,370	1,760,472	2,051,574	2,342,675	2,633,777	2,924,879	3,215,980	3,507,082
AD 950	21.88	646,772	962,638	1,278,503	1,594,369	1,910,234	2,226,100	2,541,965	2,857,831	3,173,696	3,489,562	3,805,427
AD 1000	22.76	699,549	1,041,189	1,382,829	1,724,469	2,066,109	2,407,750	2,749,390	3,091,030	3,432,670	3,774,310	4,115,950
AD 1050	23.63	754,395	1,122,821	1,491,246	1,859,672	2,228,097	2,596,523	2,964,948	3,333,374	3,701,799	4,070,225	4,438,650
AD 1100	24.51	811,311	1,207,533	1,603,754	1,999,976	2,396,198	2,792,420	3,188,641	3,584,863	3,981,085	4,377,306	4,773,528
AD 1150	25.38	870,297	1,295,325	1,720,354	2,145,383	2,570,411	2,995,440	3,420,469	3,845,497	4,270,526	4,695,554	5,120,583
AD 1200	26.26	931,352	1,386,198	1,841,045	2,295,891	2,750,737	3,205,584	3,660,430	4,115,276	4,570,123	5,024,969	5,479,815

BASEMENT TANKS



25 KL & 50 KL- 10 Nos.
Installed at a Project in
Bangalore, India



38 KL & 55 KL- 7 Nos.
Installed at a Project in
Bangalore, India

TOWER TANKS



Over 140 KL Ltrs.
Installed at a Project in
Ludhiana, India

63 KL x 2 Nos
Installed at a Project in
Kolkata, India

Over 100 KL x 2 Nos Installed at a Project in Bangalore, India



QUALITY PRODUCTS

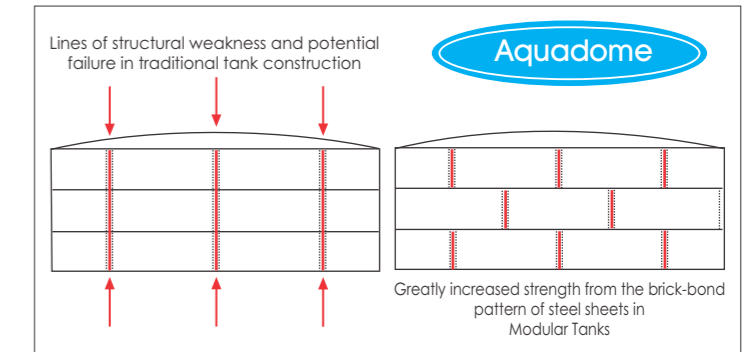


ROOF TRUSSES

- Fully welded
- Hot dipped galvanised
- Tanks bolted together with electro-galvanised high tensile nuts and bolts

STRENGTH AND DURABILITY...

- Panel Walls uniquely staggered to maximise & provide superior strength.
- Panel profile enhances strength and durability of the tank.



MATERIALS USED

- 1mm BMT -----Steel or **Colorbond** Sheets.
- Tank walls are 40% thicker than many other tanks on the markets..

	Concrete Tanks	Conventional Steel Panel	Modular tanks
Price	Most Expensive	Expensive	Economical
Erection time	Extremely long to build -considering the excavation, shuttering, pouring and curing time	long time	Extremely fast, a 5lac liter tank can be built ! in 4 working days
Leakages	Plenty of cracks appear over time.	Highly susceptible to leakages as there is no liner	Least prone to leakages. Can only develop a leak if the liner is damaged
Corrosion	YES	YES	NO
Quality of water	POOR. Growth of algae, fungus and bacteria in the pores of the concrete surface	POOR. Rusting of panels a big deterrent. Growth of algae and fungus	NO growth of fungus or algae.
Design life	Under 50 years	Under 25 years	Over 50 years
Storage	Limited	Limited	Unlimited
Maintenance Cost	Mandatory routine maintenance	Mandatory routine maintenance	Only Cleaning by soft brush
Cleaning		Frequently	Very Rare
Warranty		-----	5 year

FITTINGS



Client's have unlimited choice of Fittings and Accessories :

- Nozzles of all sizes
- All Flange types
- Ladders
- Platforms
- Specialised Instrument fittings

Complex Piping Network... NO PROBLEM



Standard Fittings on each tank

Food Grade liner for potable water certified and passed to AS/NZS 4020 :1999 standards

90 mm (nb) overflow

Vermin proof turbo vent with extractor fan (45 kl upwards)



Colorbond®

Whirlybird

Vermin proof
Removes most of the condensation-preventing corrosion to the roof
Keeps the water fresher and cooler.



50 mm Ball Valve

UV stable polypropylene
Full flow-not restricted
Long Life
Hard wearing and durable



LINERS



We import two different materials for the manufacturer of liners for tanks. Both the materials are exclusive to MODULAR TANKS Solutions. All liners meet **AS4020** Drinking water standard.

0.75 Potable Aquatex PVC

The one that we use for potable water is 0.75 mm thickness. It is a PVC material that we have especially for Australian conditions. It has a much harder texture than any other PVC on the market. While it will still stretch it is not prone to shrinking as all soft compound ones are. It is also much harder to puncture and still retains the ability to be repaired under water with a simple glue-on-patch..

0.8 Duplex UV Stable PVC

This material is used where there is high UV or there it is likely to be a harsher environment. This material is not for potable water as it is UV stable. It is a laminated product so it is very strong and also a hard material for Indian condition.

We have made and installed liners up to 20 mtrs. In diameter and 10 meter high. We have the ability to go to site to measure, manufacture and install with minimum of down time.
Because we use PVC, our weld is the strongest part of our liner, not the weakest like woven materials or HDPE/LDPE materials.



1570 KL. Installed at Bangalore, India

Why PVC?

PVC(Poly vinyl chloride) is 1.8 times the strength of HDPE/LDPE SO OUR 0.75 is equal to 1.0 mm material. Our 0.8 is equal to 1.5 mm but our material is still flexible and will conform to any shape or contour which means no folds or creases to catch on equipment. PVC will take higher and lower temperatures than HDPE/LDPE.

PVC is permanently repairable wet or dry without special tools or training. PVC is the only material that truly welds together. The weld penetrates right through the material, not just the top surfaces as with layered materials.



Head Office :
MODULAR TANKS PVT. LTD.
7, First Floor , Panorama Complex, R.C. Dutt Road,
Alkapuri, Vadodara - 390 007. GUJARAT, INDIA.
Tel. : +91 265 2333714
Mob. : +91 7600001874, +91 7600154995
e-mail : admin@modulartank.com, sales@modulartank.com
web : www.modulartank.com

Member of



Shape - 9808122756