

FIBRE REINFORCED PLASTIC COMPOSITE PRESSURE VESSELS

CERTIFIED TO
NSF/ANSI/CAN 61



FOR WATER FILTRATION OF **RESIDENTIAL, COMMERCIAL** AND **INDUSTRIAL** APPLICATIONS



ALFA ≈ AEROSOL provides exceptional benefits - easy to operate, user-friendly, and cost-efficient FRP Pressure Vessel / FRP Filter Tank for various applications across the water treatment chain. The innovative design helps it delivering safe, clean, and healthy water by effectively removing all biologically harmful contaminants.

ALFA ≈ AEROSOL FRP Pressure Vessel / Filter Tank is considered the most energy-efficient filtration systems available in the market which requires very low maintenance. The various capacities of vessels/tanks help in selecting the best suitable for any specific needs.

For excellent efficiency and longevity in harsh chemical conditions, our filter tanks reinforced with fiberglass design with polyethylene interior provides the best possible solution. It is non-intrusive, most economical water treatment and storage solution for commercial and industrial purposes. Each unit is properly checked for 100% pressure control along with consistency before dispatching from our modern manufacturing facility.

FEATURES & BENEFITS

- For Residential, Commercial and Industrial water treatment and storage.
- High resistance to chemicals with outstanding durability in harsh environments.
- 3 years manufacture warranty of vessel
- Free from rust and formation of algae in the vessel.
- Used for various applications like water softener, sand filter, carbon filter, iron removal filter etc.

OPERATING PARAMETERS

- Maximum operating pressure - 150PSI
- Maximum operating temperature - 120°F

MATERIAL OF CONSTRUCTION

- Polyethylene inner shell
- Fibre Reinforced Plastic Layer

ALFA ≈ AEROSOL DESIGN PARAMETERS

- Safety Factor - 4: 1
- Minimum Burst at 600PSI
- Tested to 2,50,000 Cycles without leakage

SIZE	MODEL	CAPACITY / VOLUME		OPENING		SPECIFICATIONS (mm)
		LITERS	GALLONS	TOP	BOTTOM	
635	TOP	14.5	3.8	2.5" NPSM	-	152 x 889
735	TOP	16	4.2	2.5" NPSM	-	180 x 875
825	TOP	17.5	4.6	2.5" NPSM	-	200 x 635
844	TOP	33	8.7	2.5" NPSM	-	200 X 1100
1054	TOP	62	16.4	2.5" NPSM	-	250 x 1350
1248	TOP	78	20.6	2.5" NPSM	-	300 x 1219
1354	TOP	103	27	2.5" NPSM	-	325 x 1350
1465	TOP	145	38	2.5" NPSM	-	350 x 1625
1465	TOP & BOTTOM	145	38	4" 8UN	4" 8UN	350 x 1625
1665	TOP	186	49	4" 8UN	-	400 x 1625
1665	TOP & BOTTOM	186	49	4" 8UN	4" 8UN	400 x 1625
1865	TOP & BOTTOM	236	62	4" 8UN	4" 8UN	450 x 1625
2162	TOP & BOTTOM	312	82.5	4" 8UN	4" 8UN	525 x 1500
2472	TOP & BOTTOM	450	119	4" 8UN	4" 8UN	600 x 1800
3072	TOP & BOTTOM	750	198	4" 8UN	4" 8UN	750 x 1800
3672	TOP & BOTTOM	1000	264	4" 8UN	4" 8UN	900 X 1800
4272	TOP & BOTTOM	1300	345	6" SNA	6" SNA	1050 X 1800
4872	TOP & BOTTOM	1800	475	6" SNA	6" SNA	1200 X 1800
6386	TOP & BOTTOM	3200	845	6" SNA	6" SNA	1600 X 2184

Note: Side manhole vessels are available on order basis.



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