

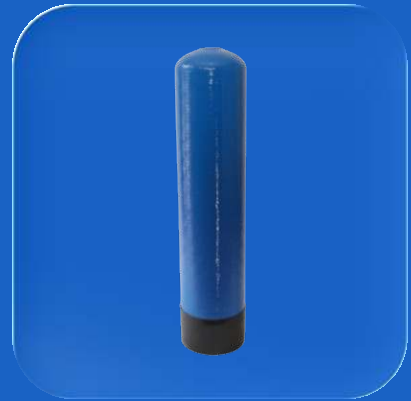
Aqua Flair

Your Partner in Purity



➔ Aqua Flair FRP vessel

FRP (Fiberglass Reinforced Plastic) Pressure Vessels are widely used in water treatment applications including softening, filtration, DM plants, RO pre-treatment, and industrial processing. Built with a seamless one-piece construction, these vessels offer high strength, chemical resistance, and long service life with minimal maintenance.



➔ Standard Features

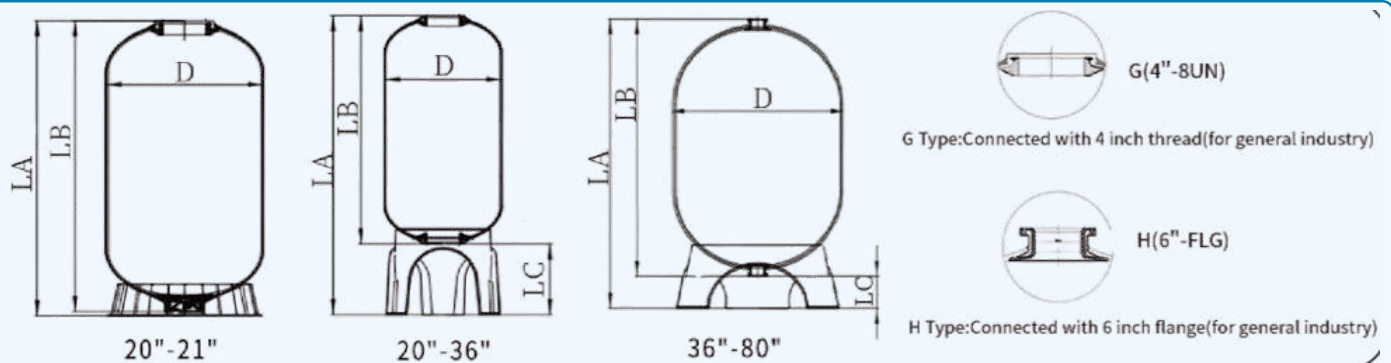
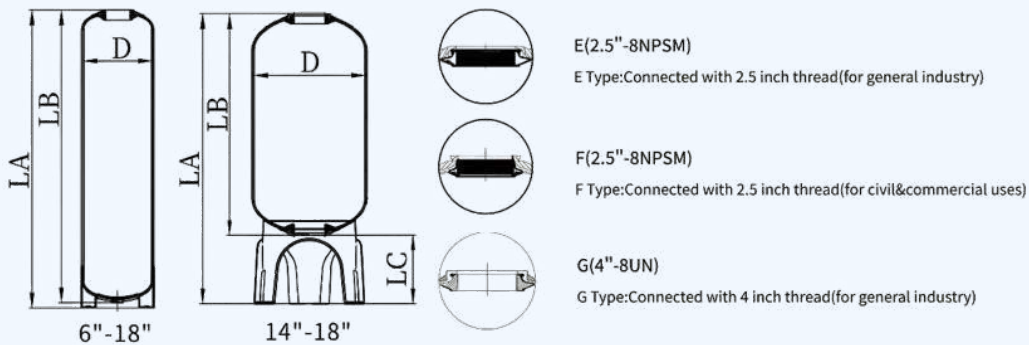
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|---|--|
| ➔ High-strength Food grade HDPE inner liner | ➔ Corrosion-resistant and suitable for a wide range of water treatment chemicals |
| ➔ Lightweight design for easy handling and installation | ➔ 100% rust-free and long operational life |
| ➔ Pressure Fatigue tests: more than 100,000 times, | ➔ Burst pressure 4 times of design pressure |
| ➔ NSF, CE, ISO 9001, ISO 14001 Certifications | ➔ Operating Pressure: 10 bar / 150 psi (typical) |
| ➔ Operating Temperature: 1°C to 50°C | |

Aqua Flair FRP vessel

#	Model	Vessel Size (Φ*h)	Volume (Litre)	Volume (Gallon)	Opening Top	Opening Bottom	LA	LB	LC	D	Base
1	835, 2.5T	206×885	25.2	6.7	2.5"NPSM	/	885	875	/	206	PE Round
2	844, 2.5T	206×1125	32.5	8.6	2.5"NPSM	/	1125	1115	/	206	PE Round
3	1035, 2.5T	258×896	38.8	10.2	2.5"NPSM	/	896	882	/	258	PE Round
4	1044, 2.5T	258×1135	50	13.2.6	2.5"NPSM	/	1135	1121	/	258	PE Round
5	1054, 2.5T	258×1380	62.5	16.5	2.5"NPSM	/	1380	1366	/	258	PE Round
6	1252, 2.5T	306×1333	85.3	22.5	2.5"NPSM	/	1333	1325	/	306	PE Round
7	1265, 2.5T	306×1663	108.5	22.5	2.5"NPSM	/	1663	1656	/	306	PE Round
8	1354, 2.5T	334×1350	102.3	28.7	2.5"NPSM	/	1350	1340	/	334	PE Round
9	1465, 2.5T	358×1661	146.8	27	2.5"NPSM	/	1661	1656	/	358	PE Round
10	1465, 4T	358×1661	146.8	38.8	4"—8UN	/	1661	1656	/	358	PE Round
11	1665, 4T	1665, 4T	191.7	38.8	4"—8UN	/	1668	1660	/	417	PE Round
12	1665, 4T4B	417×1877	191.7	50.6	4"—8UN	4"—8UN	1877	1660	/	417	SMC Tripod
13	1865, 4T	463×1655	235	50.6	4"—8UN	/	1655	1635	217	463	PE Round
14	1865, 4T4B	463×1873	32.5	62	4"—8UN	4"—8UN	1873	1635	/	463	SMC Tripod
15	1865, 6T6B	465×2010	235	62	6"—flange	6"—flange	2010	1767	238	465	SMC Tripod
16	2162, 4T	541x1600	307.8	62	4"—8UN	/	1600	1570	243	541	PP Round
17	2162, 4T4B	541x1750	307.8	81.3	4"—8UN	4"—8UN	1750	1550	/	541	SMC Tripod
18	2465, 4T	614x1724	409.4	108.1	4"—8UN	/	1724	1684	200	614	SMC Round
19	2465, 4T4B	614x1920	409.4	108.1	4"—8UN	4"—8UN	1920	1660	/	612	SMC Tripod
20	2472, 4T	614x1884	460.5	121.6	4"—8UN	/	1884	1844	260	614	SMC Round
21	2472, 4T4B	614x2080	460.5	121.6	4"—8UN	4"—8UN	2080	1820	/	612	SMC Tripod
22	3065, 4T	765x1664	616.4	121.7	4"—8UN	/	1664	1639	260	765	FRP Round
23	3065, 4T4B	765x1855	616.4	121.7	4"—8UN	4"—8UN	1855	1615	/	763	SMC Tripod
24	3072, 4T	765x1844	696.1	183.8	4"—8UN	/	1844	1819	/	240	FRP Round
25	3072, 4T4B	765x2035	696.1	183.8	4"—8UN	4"—8UN	2035	1795	/	763	SMC Tripod
26	3665, 4T4B	909x1910	860.0	227.0	4"—8UN	4"—8UN	1910	1610	/	906	SMC Tripod
27	3672, 4T4B	909x2090	969.2	255.9	4"—8UN	4"—8UN	2090	1790	/	300	SMC Tripod

Aqua Flair FRP vessel

#	Model	Vessel Size (Φ*h)	Volume (Litre)	Volume (Gallon)	Opening Top	Opening Bottom	LA	LB	LC	D	Base
28	3672, 6T6B	909x2160	969.2	255.9	6"—flange	6"—flange	2160	1930	230	906	SMC Tripod
29	4065, 6T6B	985x2040	1087.1	287.0	6"—flange	6"—flange	2040	1825	/	985	SMC Tripod
30	4272, 6T6B	1067x2200	1387.5	366.3	6"—flange	6"—flange	2200	1950	250	167	SMC Tripod
31	4872, 6T6B	1213x2260	1751.3	462.3	6"—flange	6"—flange	2260	1960	300	1213	SMC Tripod
32	4894, 6T6B	1213x2400	1910	504.2	6"—flange	6"—flange	2400	2100	300	1214	SMC Tripod
33	6079, 6T6B	1475x2425	3011	794.9	6"—flange	6"—flange	2425	2105	320	1475	FRP Tripod
34	6367, 6T6B	1601x2110	2629.8	694.3	6"—flange	6"—flange	2110	1790	320	1601	FRP Tripod
35	6386, 6T6B	1601x2450	3424.5	904.1	6"—flange	6"—flange	2450	2130	320	1601	FRP Tripod
36	6393, 6T6B63'	1601x2600	3497.8	924.0	6"—flange	6"—flange	2600	2280	320	1601	FRP Tripod
37	7279, 6T6B	1785x2475	3925	1036.2	6"—flange	6"—flange	2475	2120	355	417	FRP Tripod
38	7286, 6T6B	1785x2540	4067	1073.7	6"—flange	6"—flange	2540	2185	355	1785	FRP Tripod
39	8079, 6T6B	2010x2450	4274.2	1128.4	6"—flange	6"—flange	2450	2070	380	2010	FRP Tripod
40	8089, 6T6B	2010x2550	4784.2	1263.0	6"—flange	6"—flange	2550	2170	380	2010	FRP Tripod



➡ Aqua Flair FRP vessel for loading and unloading ports series

FRP (Fiberglass Reinforced Plastic) Pressure Vessels are widely used in water treatment applications including softening, filtration, DM plants, RO pre-treatment, and industrial processing. Built with a seamless one-piece construction, these vessels offer high strength, chemical resistance, and long service life with minimal maintenance.



➡ Description

Epoxy resin + glass fiber winding reinforced

6" flanges for upper and lower openings and 4" flanges for loading/unloading openings

The mouth of tank and the PE inner liner are seamlessly connected by integrated rolling molding. Leakproof is more reliable, pressure type is more stable

The roller liner is PE food grade raw material. Non-toxic, tasteless and more hygienic



With 4" flange and 6" flange upper loading / unloading port without removing valve and water distributor, can be fed.

This design makes loading and unloading more convenient and reduces the damage of valve and water distributor.



4" and 6" flanges are aviation aluminum modified material, Can be suitable for a variety of complex media environment, more stable pressure, longer service life

Your Partner in Purity

THANK YOU



Main Location

Al Raffa 1, Building 8, Shop 4, near
Etisalat building, Khalid bin Waleed
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