

➔ 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

- ➔ 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

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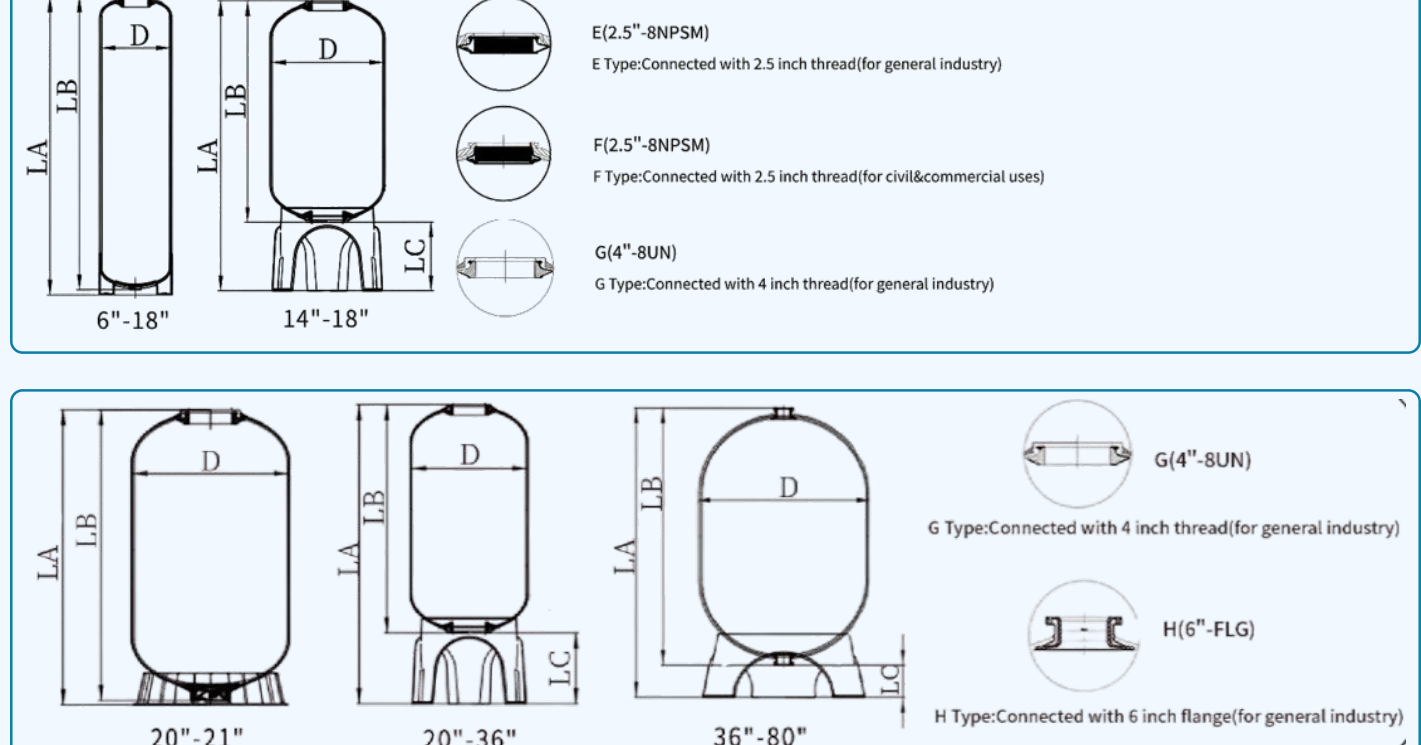
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#	Model	Vessel Size (Φ*h)	Volume (Litre)	Volume (Gallon)	Opening Top	Opening Bottom	LA	LB	LC	D	Base
1	835, 2.5T	206×885	25.2	6.7	2.5"NPSM	/	885	875	/	206	PE Round
2	844, 2.5T	206×1125	32.5	8.6	2.5"NPSM	/	1125	1115	/	206	PE Round
3	1035, 2.5T	258×896	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	541×1600	307.8	62	4"—8UN	/	1600	1570	243	541	PP Round
17	2162, 4T4B	541×1750	307.8	81.3	4"—8UN	4"—8UN	1750	1550	/	541	SMC Tripod
18	2465, 4T	614×1724	409.4	108.1	4"—8UN	/	1724	1684	200	614	SMC Round
19	2465, 4T4B	614×1920	409.4	108.1	4"—8UN	4"—8UN	1920	1660	/	612	SMC Tripod
20	2472, 4T	614×1884	460.5	121.6	4"—8UN	/	1884	1844	260	614	SMC Round
21	2472, 4T4B	614×2080	460.5	121.6	4"—8UN	4"—8UN	2080	1820	/	612	SMC Tripod
22	3065, 4T	765×1664	616.4	121.7	4"—8UN	/	1664	1639	260	765	FRP Round
23	3065, 4T4B	765×1855	616.4	121.7	4"—8UN	4"—8UN	1855	1615	/	763	SMC Tripod
24	3072, 4T	765×1844	696.1	183.8	4"—8UN	/	1844	1819	/	240	FRP Round
25	3072, 4T4B	765×2035	696.1	183.8	4"—8UN	4"—8UN	2035	1795	/	763	SMC Tripod
26	3665, 4T4B	909×1910	860.0	227.0	4"—8UN	4"—8UN	1910	1610	/	906	SMC Tripod
27	3672, 4T4B	909×2090	969.2	255.9	4"—8UN	4"—8UN	2090	1790	/	300	SMC Tripod

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28	3672, 6T6B	909×2160	969.2	255.9	6"—flange	6"—flange	2160	1930	230	906	SMC Tripod
29	4065, 6T6B	985×2040	1087.1	287.0	6"—flange	6"—flange	2040	1825	/	985	SMC Tripod
30	4272, 6T6B	1067×2200	1387.5	366.3	6"—flange	6"—flange	2200	1950	250	167	SMC Tripod
31	4872, 6T6B	1213×2260	1751.3	462.3	6"—flange	6"—flange	2260	1960	300	1213	SMC Tripod
32	4894, 6T6B	1213×2400	1910	504.2	6"—flange	6"—flange	2400	2100	300	1214	SMC Tripod
33	6079, 6T6B	1475×2425	3011	794.9	6"—flange	6"—flange	2425	2105	320	1475	FRP Tripod
34	6367, 6T6B	1601×2110	2629.8	694.3	6"—flange	6"—flange	2110	1790	320	1601	FRP Tripod
35	6386, 6T6B	1601×2450	3424.5	904.1	6"—flange	6"—flange	2450	2130	320	1601	FRP Tripod
36	6393, 6T6B63	1601×2600	3497.8	924.0	6"—flange	6"—flange	2600	2280	320	1601	FRP Tripod
37	7279, 6T6B	1785×2475	3925	1036.2	6"—flange	6"—flange	2475	2120	355	417	FRP Tripod
38	7286, 6T6B	1785×2540	4067	1073.7	6"—flange	6"—flange	2540	2185	355	1785	FRP Tripod
39	8079, 6T6B	2010×2450	4274.2	1128.4	6"—flange	6"—flange	2450	2070	380	2010	FRP Tripod
40	8089, 6T6B	2010×2550	4784.2	1263.0	6"—flange	6"—flange	2550	2170	380	2010	FRP Tripod



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➔ Aqua Flair FRP vessel for loading and unloading ports series

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Description

- Epoxy resin + glass fiber winding reinforced
- 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.
- 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
- 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

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