

## Description

Aventura offers premium quality Composite Pressure Vessels, applicable for practically any water or wastewater treatment application. The high performance vessel material with FRP reinforced outer shell provides strength to withstand pressures as high as 10 kg/cm<sup>2</sup> without any structural damage. The vessels are immune to most chemicals ensuring corrosion free and cost-efficient solutions for water treatment.

## Design Features

- ▶ High performance composite material – HDPE/ LLDPE liner with FRP filament wound outer shell
- ▶ Continuous seamless inner liner shell with -
  - a) GF PP inlet for higher strength, temperature and pressure capabilities, in threaded end vessels
  - b) Solid anodized aluminum cast flange for excellent strength, durability and leak free service, in flanged end vessels
- ▶ 100% corrosion resistance
- ▶ Designed to withstand 2,50,000 times cycle test from 10-150 psi pressure
- ▶ Easy Installation and low maintenance
- ▶ Unmatched 10 year warranty\*
- ▶ Threaded inlet closure and reducers are available
- ▶ Flange adaptors and reducers are available
- ▶ Opaque liner for out-door applications available

\* Limited warranty - 10 years for tanks upto 13" Dia and 5 years for vessels beyond 14" Dia

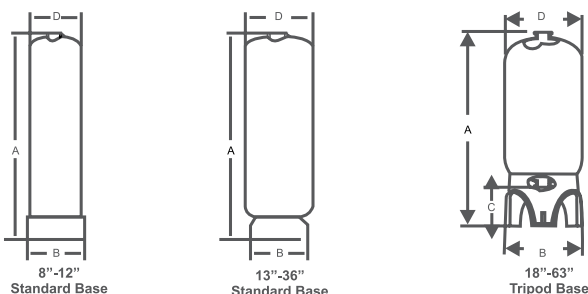
## Applications

- ▶ Residential water filtration
- ▶ Commercial water filtration
- ▶ Industrial water filtration
- ▶ Softening applications

## Operating Conditions

- ▶ Operating Temperature: 49°C for threaded vessels and 65°C for flanged vessels
- ▶ Max Operating Pressure: 150psi (10.5 bar)

## Product Details



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Size	Volume		Weight (Empty)	Opening		Base	Dimensions (mm)			
	Litre	Cu.ft		Top	Bottom		A	B	C	D
6x10	3.30	0.12	1.26	2.5" -NPSM	-	Standard	256	164	-	155
6x18	6.70	0.24	1.88	2.5" -NPSM	-	Standard	459	164	-	155
6x35	13.70	0.48	3.20	2.5" -NPSM	-	Standard	891	164	-	155
7x24	12.60	0.45	2.45	2.5" -NPSM	-	Standard	620	189	-	182
7x35	21.57	0.7	3.40	2.5" -NPSM	-	Standard	904	189	-	181
8x24	16.60	0.59	2.88	2.5" -NPSM	-	Standard	612	214	-	207
8x35	26.87	0.9	4.15	2.5"-8NPSM	-	Standard	905	214	-	206
8x44	34.44	1.2	4.80	2.5"-8NPSM	-	Standard	1131	214	-	206
10x35	39.36	1.4	4.60	2.5"-8NPSM	-	Standard	903	264	-	257
10x54	63.21	2.2	7.40	2.5"-8NPSM	-	Standard	1390	264	-	257
12x48	88.57	3.1	8.40	2.5"-8NPSM	-	Standard	1233	311	-	308
12x52	97.90	3.4	8.95	2.5"-8NPSM	-	Standard	1342	311	-	308
13x54	104.47	3.7	10.05	2.5"-8NPSM	-	Standard	1400	300	-	334
14x65	148	5.23	14.80	4"-8UN	-	Standard	1674	365	-	363
16x65	194	6.86	18.65	4"-8UN	4"-8UN	Standard	1671	416	-	413
18x65	269	9.51	30.50	4"-8UN	-	Standard	1722	458	-	486
	257	9.08	33.57	4"-8UN	4"-8UN	Tripod	2027	488	346	486
18x65	261	9.22	41.50	6" Flange	-	Standard	1776	454	-	485
			47.60	6" Flange	6" Flange	Tripod	2079	488	292	485
21x62	330	11.66	42.87	4"-8UN	4"-8UN	Tripod	2064	550	394	555
			55.60	6" Flange	6" Flange	Tripod	2128	550	339	549
24x72	473	16.71	55.00	4"-8UN	4"-8UN	Tripod	2168	618	300	626
	491	17.35	64.60	6" Flange	6" Flange	Tripod	2222	618	245	624
30x72	697	24.63	90.25	4"-8UN	4"-8UN	Tripod	2139	770	335	780
	674	23.82	100.10	6" Flange	6" Flange	Tripod	2199	770	280	779
36x72	1011	35.72	123.00	4"-8UN	4"-8UN	Tripod	2147	932	342	938
	970	34.28	132.60	6" Flange	6" Flange	Tripod	2213	932	287	931
42x72	1494	52.79	215.00	6" Flange	6" Flange	Tripod	2360	1038	288	1089
48x72	1895	66.00	274.00	6" Flange	6" Flange	Tripod	2360	1172	295	1233
63x67	2451	96.61	306.00	6" Flange	6" Flange	Tripod	2025	1560	305	1625
63x86	3306	116.82	360.00	6" Flange	6" Flange	Tripod	2453	1560	305	1625

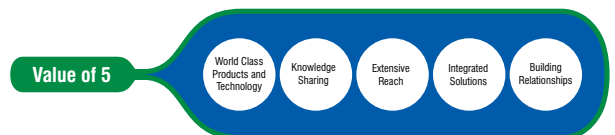


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