

FRP Vessels

Product Features

- For residential and light commercial water treatment applications that require flexibility
- Standard polyester or chemical-resistant vinylester construction
- Easy to handle and install
- 10-year warranty for 6" to 13" vessels (softener/filtration applications)
- 5-year warranty for 14" to 16" vessels (softener/filtration applications)
- 2-year warranty for vinylester vessels (deionization applications)

Materials of Construction

- Polyester or vinylester

Operating Parameters

- Maximum operating pressure: 150 psi
- Maximum operating temperature: 120° F – polyester
150° F – vinylester

Pentair Design Parameters

- Safety factor: 4:1
- Minimum burst at 600 psi
- Tested to 250,000 cycles without leakage

NSF Design Parameters

- Safety factor: 4:1
- Minimum burst at 600 psi
- Tested to 100,000 cycles without leakage



Specifications

	Size (Inches)	Tank Height C1 (In./mm)	Overall Height L1 Std. Base (In./mm)	L2 Ext. Base (In./mm)	Capacity Gallons / Liters	Cubic Feet	Tank Diameter A (In./mm)	D (In./mm)	H1 (In./mm)	H2 (In./mm)
6" Dia.	6 x 13	16.0 / 152	12.8 / 325	18.7 / 475	1.6 / 6.1	0.2	6.0 / 152	6.0 / 152	3.1 / 79	3.5 / 89
	6 x 18	18.0 / 457	18.1 / 460	24.0 / 610	2.3 / 8.7	0.3	6.0 / 152	9.4 / 239	4.1 / 104	4.5 / 114
	6 x 32	32.0 / 813	32.2 / 818	38.1 / 968	3.8 / 14.4	0.5	6.0 / 152	23.4 / 594	4.1 / 104	4.5 / 114
	6 x 35	35.0 / 889	35.1 / 892	41.0 / 1041	4.4 / 16.7	0.6	6.0 / 152	26.4 / 671	4.1 / 104	4.5 / 114
7" Dia.	7 x 22	22.0 / 559	22.2 / 564	28.0 / 711	3.5 / 13.3	0.5	7.0 / 178	13.1 / 333	4.9 / 124	4.1 / 104
	7 x 24	24.0 / 610	24.1 / 612	30.0 / 762	3.8 / 14.4	0.5	7.0 / 178	15.1 / 384	4.9 / 124	4.1 / 104
	7 x 30	30.0 / 762	30.2 / 767	36.0 / 914	4.8 / 18.2	0.6	7.0 / 178	21.1 / 536	4.9 / 124	4.1 / 104
	7 x 35	35.0 / 889	35.1 / 892	40.9 / 1039	5.7 / 21.6	0.8	7.0 / 178	26.0 / 660	4.9 / 124	4.1 / 104
	7 x 40	40.0 / 1016	40.2 / 1021	46.0 / 1168	6.6 / 25.0	0.9	7.0 / 178	31.1 / 790	4.9 / 124	4.1 / 104
	7 x 44	44.0 / 1118	44.4 / 1128	50.2 / 1275	7.3 / 27.6	1.0	7.0 / 178	35.3 / 897	4.9 / 124	4.1 / 104
8" Dia.	8 x 17	17.0 / 432	17.2 / 437	23.0 / 584	3.1 / 11.7	0.4	8.0 / 203	7.2 / 183	5.3 / 135	4.4 / 112
	8 x 22	22.0 / 559	22.8 / 559	28.6 / 726	4.3 / 16.3	0.6	8.0 / 203	12.8 / 325	5.3 / 135	4.4 / 112
	8 x 24	24.0 / 610	24.3 / 617	30.1 / 765	4.6 / 17.4	0.6	8.0 / 203	14.3 / 363	5.3 / 135	4.4 / 112
	8 x 30	30.0 / 762	30.2 / 767	36.0 / 914	6.0 / 22.7	0.8	8.0 / 203	20.2 / 513	5.3 / 135	4.4 / 112
	8 x 35	35.0 / 889	35.2 / 894	41.0 / 1041	7.1 / 26.9	0.9	8.0 / 203	25.2 / 640	5.3 / 135	4.4 / 112
	8 x 36	36.0 / 914	36.2 / 914	42.0 / 1067	7.3 / 27.6	1.0	8.0 / 203	26.2 / 665	5.3 / 135	4.4 / 112
	8 x 40	40.0 / 1016	40.3 / 1024	46.1 / 1171	8.2 / 31.0	1.1	8.0 / 203	30.3 / 770	5.3 / 135	4.4 / 112
	8 x 44	44.0 / 1118	44.5 / 1130	50.2 / 1275	9.1 / 34.4	1.2	8.0 / 203	34.4 / 874	5.3 / 135	4.4 / 112
9" Dia.	9 x 35	35.0 / 889	35.3 / 897	41.0 / 1041	8.8 / 33.3	1.2	9.0 / 229	24.5 / 622	5.3 / 135	5.2 / 132
	9 x 40	40.0 / 1016	40.3 / 1024	46.0 / 1168	10.3 / 39.0	1.4	9.0 / 229	29.5 / 749	5.3 / 135	5.2 / 132
	9 x 48	48.0 / 1219	48.3 / 1227	54.0 / 1372	12.5 / 47.3	1.7	9.0 / 229	37.5 / 953	5.3 / 135	5.2 / 132
10" Dia.	10 x 19	19.0 / 483	19.3 / 490	24.8 / 630	45.1 / 19.3	0.7	10.0 / 254	8.0 / 203	5.8 / 147	5.2 / 132
	10 x 30	30.0 / 762	30.4 / 772	36.0 / 914	8.5 / 32.3	1.1	10.0 / 254	19.3 / 490	5.8 / 147	5.2 / 132
	10 x 35	35.0 / 889	35.2 / 894	40.7 / 1034	10.4 / 39.4	1.4	10.0 / 254	23.8 / 605	5.9 / 150	5.2 / 132
	10 x 40	40.0 / 1016	40.3 / 1024	45.8 / 1163	12.1 / 45.8	1.6	10.0 / 254	28.9 / 734	5.9 / 150	5.2 / 132
	10 x 42	42.0 / 1067	42.3 / 1074	47.8 / 1214	12.7 / 48.1	1.7	10.0 / 254	31.0 / 787	5.8 / 147	5.2 / 132
	10 x 44	44.0 / 1118	44.3 / 1125	49.9 / 1267	13.4 / 51.0	1.8	10.0 / 254	33.1 / 841	5.8 / 147	5.2 / 132
	10 x 47	47.0 / 1194	47.3 / 1201	52.8 / 1341	14.4 / 55.0	1.9	10.0 / 254	36.0 / 914	5.8 / 147	5.2 / 132
	10 x 54	54.0 / 1372	54.3 / 1379	59.8 / 1519	16.7 / 63.0	2.2	10.0 / 254	43.0 / 1092	5.8 / 147	5.2 / 132
12" Dia.	12 x 29	29.0 / 737	29.1 / 739	34.2 / 869	14.2 / 53.7	1.9	12.0 / 305	15.4 / 391	6.6 / 168	6.4 / 163
	12 x 38	38.0 / 965	39.0 / 991	43.9 / 1115	18.8 / 71.2	2.5	12.0 / 305	25.1 / 638	6.6 / 168	6.4 / 163
	12 x 48	48.0 / 1219	48.9 / 1242	53.8 / 1367	23.4 / 89.0	3.1	12.0 / 305	35.0 / 889	6.6 / 168	6.4 / 163
13" Dia.	13 x 54	54.0 / 1372	54.9 / 1394	59.8 / 1519	27.6 / 105.0	3.7	13.0 / 330	35.6 / 904	9.1 / 231	9.3 / 236
14" Dia.	14 x 65	65.0 / 1651	65.7 / 1669	70.5 / 1791	39.7 / 150.3	5.3	14.0 / 356	43.0 / 1092	10.8 / 274	11.1 / 282
16" Dia.	16 x 23	23.0 / 584	24.7 / 627	28.8 / 732	14.5 / 55.0	1.9	16.0 / 406	See Factory	11.6 / 295	13.4 / 340
	16 x 33	33.0 / 838	34.6 / 879	38.8 / 966	22.4 / 56.0	3.0	16.0 / 406	9.7 / 246	11.6 / 295	13.4 / 340
	16 x 45	45.0 / 1143	46.5 / 1181	50.6 / 1285	31.7 / 120.0	4.2	16.0 / 406	21.6 / 549	11.6 / 295	13.4 / 340
	16 x 58	58.0 / 1473	59.6 / 1514	63.7 / 1618	42.0 / 159.0	5.6	16.0 / 406	34.6 / 878	11.6 / 295	13.4 / 340
	16 x 65	65.0 / 1651	65.9 / 1674	71.1 / 1806	48.3 / 182.8	6.4	16.0 / 406	41.7 / 1059	11.5 / 292	13.4 / 340

Color Options: BL - Blue  BK - Black  NA - Natural 