

STRUCTURAL® FRP VESSELS

DESIGNED WITH FLEXIBILITY FOR RESIDENTIAL AND COMMERCIAL WATER TREATMENT APPLICATIONS



Pentair® Structural® FRP Vessels are the ideal choice for residential and light commercial water treatment applications that require flexibility. Structural FRP Vessels by Pentair allow for multiple plumbing ports on the top and bottom domes as well as the sidewalls. Available in either Polyester resin (120°F) for standard applications or Vinylester (150°F) resin for hot water applications.

FEATURES/BENEFITS

Standard polyester or chemical-resistant vinylester construction
Easy to handle and install

10-year warranty for 6"-13" vessels (softener/filtration applications)
5-year warranty for 14"-16" vessels (softener/filtration applications)

OPTIONS

Available in black, blue, or natural



Vessels Tested and Certified by NSF International to NSF/ANSI Standard 61 for material and structural integrity requirements.

SPECIFICATIONS

	SIZE (INCHES)	TANK HEIGHT C1 (IN./MM)	OVERALL HEIGHT		CAPACITY GALLONS/ LITERS	CUBIC FEET	TANK DIAMETER			
			L1 STD. BASE (IN./MM)	L2 EXT. BASE (IN./MM)			A (IN./MM)	D (IN./MM)	H1 (IN./MM)	H2 (IN./MM)
6" DIA.	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
7" DIA.	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 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 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 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	30.0/889	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	5.9/147	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	5.9/147	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 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 65	65.0/1651	65.9/1674	71.1/1806	48.3/182.8	6.4	16.0/406	41.7/1059	11.6/295	13.4/340



FILTRATION & PROCESS

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