

POLY GLASS VESSELS

PROVEN PERFORMANCE IN RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS



Pentair® Poly Glass Vessels have been the industry standard for quality and performance for over 30 years. Featuring a one piece, seamless high density polyethylene liner and an encapsulated, leak free engineered polymer inlet, Poly Glass Vessels are designed to provide you with years of worry free performance.

FEATURES/BENEFITS

For residential and light commercial water softener/filtration applications

Slim diameter with capacities from 2 to 85 gallons

Unmatched strength and chemical resistance

5-year warranty for 7 in. - 21 in. vessels

MATERIAL OF CONSTRUCTION

Inner shell of high density polyethylene

Threaded inlet in various sizes: 2.5 in. 4 in.

APPLICATIONS

Residential/light commercial softening

Residential/light commercial filtration

Portable exchange tanks

OPERATING PARAMETERS

Maximum operating pressure – 150 psi

Maximum operating temperature – 120° F

PENTAIR DESIGN PARAMETERS

Safety factor – 4:1

Minimum burst at 600 psi

Tested to 250,000 cycles without leakage

NSF/ANSI STD. 44 DESIGN PARAMETERS

Safety factor – 4:1

Minimum burst at 600 psi

Tested to 100,000 cycles without leakage

COLOR OPTIONS

GR – Gray

BL – Blue

NA – Natural

BK – Black



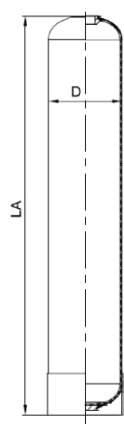
This pressure vessel has been tested and certified by WQA according to NSF/ANSI Std. 44 for materials safety and structural integrity requirements and Std. 372 for lead free compliance.

SPECIFICATIONS FOR PE LINER TANKS

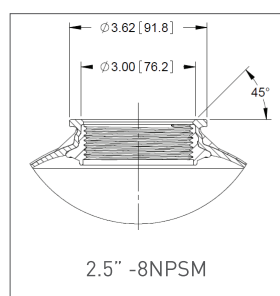
Vessel Dia.	Tank Size		Opening		Height with Base (LA)mm	Diameter (D)mm	Capacity Gallons	Ship Weight KG	Base
	in.	mm.	Top	Bottom					
7 in.	7×17	180×430	2.5 in.	N/A	428	185	2.3	1.6	STANDARD
	7×35	180×905	2.5 in.	N/A	898	185	5.2	2.8	STANDARD
	7×44	180×1130	2.5 in.	N/A	1133	185	6.7	3.4	STANDARD
8 in.	8×17	205×445	2.5 in.	N/A	446	210	3.0	1.9	STANDARD
	8×35	205×905	2.5 in.	N/A	899	210	6.6	3.2	STANDARD
	8×44	205×1130	2.5 in.	N/A	1131	210	8.7	3.9	STANDARD
9 in.	9×35	230×905	2.5 in.	N/A	896	234	8.3	3.9	STANDARD
	9×42	230×1085	2.5 in.	N/A	1063	234	10.1	4.5	STANDARD
	9×48	230×1230	2.5 in.	N/A	1238	234	11.8	4.8	STANDARD
10 in.	10×35	255×905	2.5 in.	N/A	902	257	10.2	4.5	STANDARD
	10×44	255×1130	2.5 in.	N/A	1142	257	13.1	5.6	STANDARD
	10×54	255×1390	2.5 in.	N/A	1408	257	16.4	6.5	STANDARD
12 in.	12×48	300×1235	2.5 in.	N/A	1243	306	20.6	8.0	STANDARD
	12×52	300×1340	2.5 in.	N/A	1338	306	22.2	8.5	STANDARD
	12×65	300×1650	2.5 in.	N/A	1650	306	28.1	11.8	STANDARD
13 in.	13×54	330×1400	2.5 in.	N/A	1383	333	27.0	9.5	STANDARD
14 in.	14×65	355×1670	2.5 in.	N/A	1659	366	38.0	13.3	STANDARD
	14×65	355×1670	4 in.	N/A	1679	366	38.0	13.9	STANDARD
16 in.	16×65	400×1670	2.5 in.	N/A	1671	406	49.0	17.3	STANDARD
	16×65	400×1670	4 in.	N/A	1682	406	49.0	17.9	STANDARD
18 in.	18×65	450×1670	4 in.	N/A	1701	480	64.0	31.4	SMC
21 in.	21×62	535×1690	4 in.	N/A	1702	565	84.0	29.1	SMC
	21×62	535×1690	4 in.	4 in.	2029	565	84.0	37.3	TRIPOD

*Measurements are subject to change without notice and are for reference only.

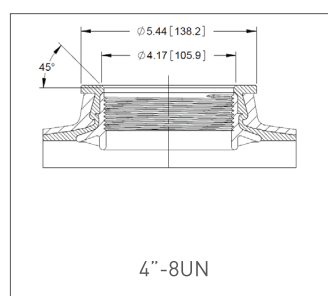
*Please refer the individual drawing for dimension, volumes and weight etc.



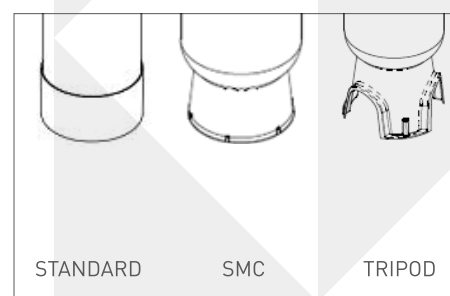
Detail 2.5 in. opening



Detail 4 in. opening



Detail base



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