

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 NA - Natural
BL - Blue 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

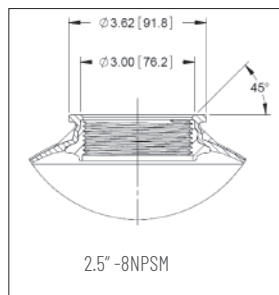
Vessel Dia.	Tank Size		Opening		Total height	Diameter	Capacity		Base
	in.	mm.	Top	Bottom	LA (mm)	D (mm)	Gal.	Lit.	
7 in.	7×17	180×430	2.5in.	N/A	431	185	2.3	8.6	Standard
	7×35	180×905	2.5in.	N/A	906	185	5.2	19.7	Standard
	7×44	180×1130	2.5in.	N/A	1128	185	6.7	25.4	Standard
8 in.	8×17	205×445	2.5in.	N/A	432	210	3.0	11.4	Standard
	8×35	205×905	2.5in.	N/A	901	210	6.6	25.0	Standard
	8×44	205×1130	2.5in.	N/A	1133	210	8.7	32.9	Standard
9 in.	9×35	230×905	2.5in.	N/A	904	233	8.3	31.4	Standard
	9×42	230×1085	2.5in.	N/A	1071	233	10.1	38.2	Standard
	9×48	230×1230	2.5in.	N/A	1247	233	11.8	44.7	Standard
10 in.	10×35	255×905	2.5in.	N/A	908	258	10.2	38.6	Standard
	10×40	255×1020	2.5in.	N/A	1024	258	11.7	44.3	Standard
	10×44	255×1130	2.5in.	N/A	1139	258	13.1	49.6	Standard
	10×54	255×1390	2.5in.	N/A	1390	258	16.4	62.1	Standard
12 in.	12×48	300×1235	2.5in.	N/A	1231	306	20.6	78.0	Standard
	12×52	300×1340	2.5in.	N/A	1328	306	22.2	84.0	Standard
13 in.	13×54	330×1400	2.5in.	N/A	1366	333	27.0	102.2	Standard
14 in.	14×65	355×1670	2.5in.	N/A	1656	370	38.0	143.8	Standard
	14×65	355×1670	4in.	N/A	1660	370	38.0	143.8	Standard
16 in.	16×65	400×1670	2.5in.	N/A	1671	409	49.0	185.5	Standard
	16×65	400×1670	4in.	N/A	1677	409	49.0	185.5	Standard
18 in.	18×65	450×1670	4in.	N/A	1693	472	64.0	242.3	SMC
21 in.	21×62	535×1690	4in.	N/A	1705	557	82.4	312.0	SMC
	21×62	535×1690	4in.	4in.	1949	557	82.4	312.0	TRIPOD

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

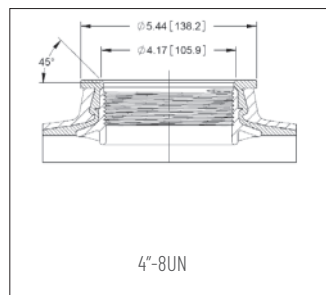
* Please refer the individual drawing for dimension, volumes and weight etc.



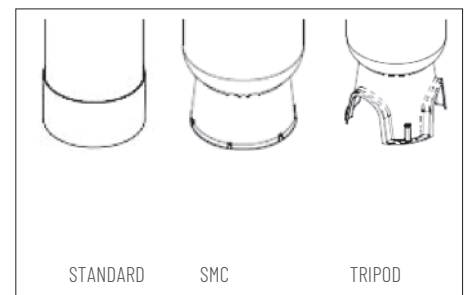
Detail 2.5 in. opening



Detail 4 in. opening



Detail base



Pentair Water (SuZhu) Co.Ltd

No.371, He Shan RD. Suzhou, Jiangsu Province, China TEL: 86-512-66617690 FAX: 86-512-66618853 <http://www.pentairaqua.com>

Pentair Residential Filtration, LLC

5730 North Glen Park Road, Milwaukee, WI 53209, USA TEL: 262.238.4400 FAX: 262.238.4404 Customer Care: 800.279.9404

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