

# Poly Glass™ Vessels

*The ideal pressure vessel for residential and light commercial water softener / filtration applications.*

Structural Poly Glass™ pressure vessels provide years of reliable service for water softener and water filtration applications. These slim-diameter tanks hold up to 49 gallons of water and offer unmatched strength and chemical resistance. All 6"-13" Poly Glass vessels are backed by an exclusive 10-year warranty. All 14"-16" Poly Glass vessels are backed by an exclusive 5-year warranty.

## **Material of construction**

*Inner shell material:  
Polyethylene*

*Available inlets:  
See chart*

## **Operating parameters**

*Maximum operating pressure:  
150 psi*

*Maximum operating temperature:  
120° F*

## **Design parameters – Pentair**

*Safety factor:  
4:1 (Minimum burst at 600 psi)*

*Cycle test:  
250,000 cycles without leakage*

## **Design parameters – NSF**

*Safety factor:  
4:1 (Minimum burst at 600 psi)*

*Cycle test:  
100,000 cycles without leakage*



# Poly Glass Specifications

Part No.	Size (Inches)	System Connection	Height w/ Base Inches / mm	Height w/o Base Inches / mm	Capacity Gallons / Liters	Cubic Feet	Colors	Minimum Order Quantity
30109	06 x 13	2.5" Threaded	13.2 / 335	12.6 / 320	1.1 / 4.2	0.15	AL, BL, NA	See Factory
30127	06 x 18	2.5" Threaded	18.6 / 472	18.0 / 457	1.8 / 6.8	0.24	All	None
30151	06 x 35	2.5" Threaded	35.8 / 909	35.2 / 894	3.8 / 14.4	0.51	All	None
30190	07 x 35	2.5" Threaded	35.6 / 904	35.3 / 897	5.2 / 19.7	0.7	AL, BL, NA	See Factory
30213	07 x 44	2.5" Threaded	43.7 / 1110	43.4 / 1102	6.7 / 25.4	0.9	AL, BL, NA	See Factory
31835	08 x 18	2.5" Threaded	18.8 / 478	18.5 / 470	3.28 / 12.0	-	AL, NA	See Factory
30264	08 x 35	2.5" Threaded	35.6 / 904	35.3 / 897	6.6 / 25.0	0.88	All	None
30286	08 x 40	2.5" Threaded	40.2 / 1021	39.9 / 1013	7.8 / 29.5	1.04	All	None
30305	08 x 44	2.5" Threaded	44.4 / 1128	44.1 / 1120	8.7 / 32.9	1.16	All	None
30317	09 x 18	2.5" Threaded	18.6 / 472	18.0 / 457	3.9 / 14.8	0.52	AL, BL, NA	See Factory
30347	09 x 35	2.5" Threaded	35.6 / 904	35.3 / 897	8.3 / 31.4	1.11	All	None
30360	09 x 40	2.5" Threaded	40.2 / 1021	39.9 / 1013	9.5 / 31.4	1.27	All	None
30383	09 x 48	2.5" Threaded	48.2 / 1224	47.9 / 1217	11.8 / 44.7	1.58	All	None
30460	10 x 35	2.5" Threaded	35.6 / 904	35.3 / 897	10.2 / 38.6	1.36	All	None
30491	10 x 40	2.5" Threaded	40.3 / 1024	40.1 / 1018	11.5 / 43.5	1.54	All	None
30523	10 x 44	2.5" Threaded	44.6 / 1133	44.4 / 1128	13.1 / 49.6	1.75	All	None
30546	10 x 47	2.5" Threaded	47.4 / 1204	46.9 / 1191	15.1 / 57.0	2.02	All	None
30579	10 x 54	2.5" Threaded	54.8 / 1392	54.6 / 1387	16.4 / 62.0	2.19	All	None
32065	10 x 54	2.5" Threaded 1.25 TDH	54.8 / 1392	54.6 / 1387	16.4 / 62.0	2.19	All	None
30615	12 x 42	2.5" Threaded	42.8 / 1087	42.2 / 1072	19.1 / 72.0	2.55	AL, NA	See Factory
30617	12 x 42	4.5" Threaded (BTRS)	42.8 / 1087	42.2 / 1072	19.1 / 72.0	2.55	AL, NA	See Factory
30646	12 x 48	2.5" Threaded	48.8 / 1240	48.4 / 1229	20.6 / 78.0	2.75	All	None
30666	12 x 52	2.5" Threaded	52.9 / 1344	52.4 / 1331	22.2 / 84.0	2.97	All	None
30669	12 x 52	4.0" Threaded	52.9 / 1344	52.4 / 1331	22.2 / 84.0	2.97	AL, BL, NA	See Factory
32127	12 x 52	4.5" Threaded (BTRS)	52.9 / 1344	52.4 / 1331	22.2 / 84.0	2.97	AL, NA	See Factory
30721	13 x 54	2.5" Threaded	54.6 / 1387	53.9 / 1369	27.5 / 104.0	3.68	All	None
30724	13 x 54	4.0" Threaded	54.6 / 1387	53.9 / 1369	27.5 / 104.0	3.68	AL, BL, NA	See Factory
31389	14 x 47	2.5" Threaded	46.5 / 1181	46.0 / 1168	27.5 / 104.0	3.68	AL, NA	See Factory
30745	14 x 47	4.0" Threaded	46.5 / 1181	46.0 / 1168	27.5 / 104.0	3.68	AL, NA	See Factory
32006	14 x 47	4.5" Threaded (BTRS)	46.5 / 1181	46.0 / 1168	27.5 / 104.0	3.68	AL, NA	See Factory
30783	14 x 65	2.5" Threaded	64.6 / 1641	64.3 / 1633	40.6 / 154.0	5.43	AL, BL, NA	See Factory
30785	14 x 65	4.0" Threaded	64.6 / 1641	64.3 / 1633	40.6 / 154.0	5.43	All	None
31627	16 x 65	2.5" Threaded	64.6 / 1641	64.3 / 1633	49.0 / 185.0	6.55	AL, BL, NA	See Factory
30912	16 x 65	4.0" Threaded	64.6 / 1641	64.3 / 1633	49.0 / 185.0	6.55	All	None

Color Options: AL - Almond    BL - Blue    BK - Black    GR - Gray    NA - Natural

