System manufactured by:

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Water & Process Technologies;
Household Water Group at
(262) 238-4400 or
(800) 279-9404,
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GE Infrastructure
Water & Process Technologies

Professional Series Pressure Vessels

Fiberglass reinforced pressure vessels with polyethylene inner liner

©2004, General Electric Company.
Printed in USA, P/N 1264660 Rev. A

imagination at work

GE quality and excellence...

Tough, corrosion resistant

- Pressure vessels are constructed of durable composite resin and reinforced with high-tensile strength filament windings.
- Resists corrosion and provides years of reliable service.
- Thermoplastic liners are made of high strength polyethylene.
- Liner wall thickness – 0.150" (3.8mm) up to 0.30" (7.6mm).

Complete line

- Available up to 36" diameter and 72" height.
- Top opening standard; top and bottom openings available for 18"-36" diameter tanks.

Better than steel

- Reinforced composite tanks are only one-third the weight of steel tanks and comparable in strength.
- Testing demonstrates that composite vessels offer significantly better performance than tanks with steel liners.

Valve not included.

Easy installation, low maintenance

- Lightweight tank design makes installation fast and easy.
- Virtually no maintenance – tank liner requires no epoxy lining or painting.

Superior quality

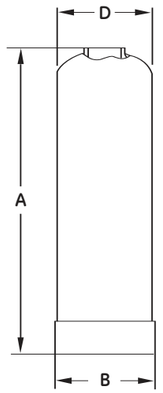
- Precision manufacturing methods and strict adherence to quality control processes ensure products meet the highest industry standards.
- Designed to the demanding quality standards of GE.

Performance testing

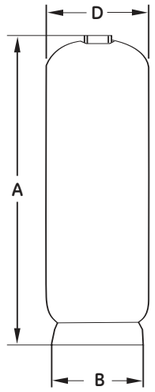
- Burst testing up to four times the rated operating pressure.
  – Operating pressure: 150psi
- Cycle tested up to 250,000 times.
  – Cycle test: 10psi to 150psi

NSF Component

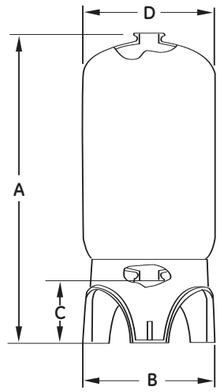
This water softener pressure vessel is tested and certified by NSF against the NSF/ANSI Standard 44 for material and structural integrity requirements only.



8" - 12"
Standard Base



13" - 36"
Standard Base



18" - 36"
Tripod Base

Available in natural, blue, almond, and black colors

Size	Volume		Weight (lbs.)		Top Opening	Bottom Opening	Base	A	B	C	D
	Gallon	Cubic Foot	Empty	Full							
7 x 13	2.0	0.2	3.09	19.85	2.5" - 8NPSM		Standard	13.15	7.44		7.13
7 x 17	2.6	0.3	4.30	25.91	2.5" - 8NPSM		Standard	16.85	7.44		7.13
7 x 35	5.7	0.7	7.50	55.57	2.5" - 8NPSM		Standard	35.59	7.44		7.13
7 x 44	7.1	0.9	8.93	68.02	2.5" - 8NPSM		Standard	44.57	7.44		7.13
8 x 13	2.2	0.3	3.64	22.38	2.5" - 8NPSM		Standard	13.19	8.43		8.11
8 x 17	3.1	0.4	4.41	30.43	2.5" - 8NPSM		Standard	17.56	8.43		8.11
8 x 35	7.1	0.9	9.15	69.15	2.5" - 8NPSM		Standard	35.63	8.43		8.11
8 x 44	9.1	1.2	10.58	86.33	2.5" - 8NPSM		Standard	44.53	8.43		8.11
9 x 17	3.8	0.5	4.96	36.94	2.5" - 8NPSM		Standard	16.81	9.45		9.13
9 x 35	7.1	0.9	9.26	68.13	2.5" - 8NPSM		Standard	35.63	9.45		9.13
9 x 42	8.5	1.1	11.14	82.36	2.5" - 8NPSM		Standard	48.50	9.45		9.13
9 x 48	11.8	1.6	13.34	112.12	2.5" - 8NPSM		Standard	48.50	9.45		9.13
10 x 17	4.8	0.6	5.51	42.78	2.5" x 8NPSM		Standard	18.39	10.39		10.12
10 x 35	10.4	1.4	10.14	96.95	2.5" - 8NPSM		Standard	35.55	10.39		10.12
10 x 44	13.5	1.8	13.34	126.68	2.5" - 8NPSM		Standard	44.49	10.39		10.12
10 x 54	16.7	2.2	16.32	154.57	2.5" - 8NPSM		Standard	54.72	10.39		10.12
12 x 48	23.4	3.1	18.52	224.62	2.5" - 8NPSM		Standard	48.54	12.24		12.13
12 x 52	25.6	3.4	19.74	233.62	2.5" - 8NPSM		Standard	52.83	12.24		12.13
13 x 44	22.9	3.1	16.87	208.04	2.5" - 8NPSM		Standard	44.96	11.81		13.15
13 x 54	27.6	3.7	22.16	255.01	2.5" - 8NPSM		Standard	55.12	11.81		13.15
14 x 65	39.7	5.3	29.88	360.08	2.5" - 8NPSM		Standard	65.79	12.60		14.17
					4" - 8UN		Standard	66.10	12.60		14.17
16 x 65	48.3	6.5	37.71	446.62	2.5" - 8NPSM		Standard	65.83	14.96		16.14
					4" - 8UN		Standard	66.06	14.96		16.14
18 x 65	62.4	8.3	79.16	599.76	4" - 8UN		Standard	67.76	18.03		18.94
			82.80	603.40	4" - 8UN	4" - 8UN	Tripod	79.92	21.69	15.91	18.90
21 x 62	82.4	11.0	90.63	778.59	4" - 8UN		Standard	68.03	20.55		21.38
			107.05	795.01	4" - 8UN	4" - 8UN	Tripod	81.22	21.69	15.35	21.42
24 x 72	118.9	15.9	114.44	1106.69	4" - 8UN		Standard	75.39	23.62		24.37
			121.28	1113.53	4" - 8UN	4" - 8UN	Tripod	84.96	23.82	14.96	24.49
30 x 72	187.1	25.0	188.97	1751.43	4" - 8UN		Standard	72.17	30.51		30.20
			199.00	1761.46	4" - 8UN	4" - 8UN	Tripod	84.33	30.31	12.99	30.39
36 x 72	263.9	31.7	254.68	2459.68	4" - 8UN		Standard	72.40	36.61		36.30
			271.22	2476.22	4" - 8UN	4" - 8UN	Tripod	84.68	36.69	12.99	36.50