



STRUCTURAL[®] POLY GLASS[®] VESSELS

PROVEN PERFORMANCE IN RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS



Pentair[®] Structural[®] Poly Glass Vessels have been meeting industry standards 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, Structural 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 33 Litres - 185 Litres
- Unmatched strength and chemical resistance
- 3-year warranty for 6"-16" vessels



Vessels tested and certified by the Water Quality Association (WQA) to NSF/ANSI Std. 44 for material safety and structural integrity requirements and Std. 372 for low lead compliance.



MATERIAL OF CONSTRUCTION

- Inner shell of high density polyethylene
- Threaded inlet in various sizes: 2.5", 4"

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

BL – Blue NA – Natural

SPECIFICATIONS

| VESSEL | DESCRIPTION | HEIGHT W/BASE INCHES / MM | CAPACITY GALLONS / LITERS | CUBIC FEET |
|--------|---------------|------------------------------|------------------------------|------------|
| 08x44 | 0844 PG 2.5"T | 44.35/1126 | 8.7/32.9 | 1.16 |
| 10x35 | 1035 PG 2.5"T | 35.90/912 | 10.2/38.6 | 1.36 |
| 10x54 | 1054 PG 2.5"T | 55.00/1397 | 16.4/62.0 | 2.19 |
| 12x48 | 1248 PG 2.5"T | 49.10/1247 | 20.6/78.0 | 2.75 |
| 13x54 | 1354 PG 2.5"T | 54.1/1374 | 27.5/104.0 | 3.68 |
| 13x54 | 1354 PG 4"T | 54.6/1387 | 27.5/104.0 | 3.68 |
| 14x65 | 1465 PG 4"T | 65.10/1654 | 40.6/154.0 | 5.43 |
| 16x65 | 1665 PG 4"T | 65.5/1664 | 49.0/185.0 | 6.55 |

*Pentair strongly recommends use of vacuum breaker while installing Structural™ Pressure Vessels

**Please refer individual general arrangement drawing for dimensions, volumes etc.



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