



# STRUCTURAL<sup>®</sup> POLY GLASS<sup>®</sup> VESSELS

PROVEN PERFORMANCE IN RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS



Pentair<sup>®</sup> Structural<sup>®</sup> 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, 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.



### PENTAIR WATER INDIA PVT. LTD

L/52-55, Verna Industrial Estate,  
Verna, Salcette, Goa - 403 722.

Phone : +91 832 2883300

Email : [customercare.waterindia@pentair.com](mailto:customercare.waterindia@pentair.com)

All Pentair trademarks and logos are owned by Pentair, Inc. All other brand or product names are trademarks or registered marks of their respective owners.

Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.

Pentair is an equal opportunity employer.

40845 Rev D MR14 © 2014 Pentair Residential Filtration, LLC. All Rights Reserved.

[www.pentair.com](http://www.pentair.com)