



# HIGH-PERFORMANCE SCALE PREVENTION RESIDENTIAL SYSTEMS

**NO WASTE • NO BACKWASHING • NO ELECTRICITY • NO CHEMICALS**

| RESIDENTIAL SYSTEMS |                      |
|---------------------|----------------------|
| SYSTEM              | MAXIMUM SERVICE FLOW |
| NSS 744R            | 10 GPM               |
| NSS 844R            | 12 GPM               |
| NSS 948R            | 16 GPM               |
| NSS 1054R           | 20 GPM               |
| NSS 1252R           | 30 GPM               |
| NSS 1465R           | 50 GPM               |
| NSS 1665R           | 75 GPM               |

## PRODUCT SPECIFICATIONS

### PHYSICAL PROPERTIES

- Composition : Specially Treated Polymer
- Size : 0.3-1 mm (Approx. 12x40 Mesh)
- Color : Off-White / Pale Yellow-Beige
- Bulk Density : Approx. 1.71 lbs/L (~776 g/L)  
- Range : 1.68-1.74 lbs/L (763-789 g/L)
- Packaging : 180 Liter Drum (~308 ± 5 lbs or ~140 ± 2.3 kg)
- Uniform Coefficient : 1.8 (max)
- Specific Gravity : 1.5 gm/cc
- Moisture Content : ~10-20%

### WATER CHEMISTRY & LIMITATIONS

- pH : 6.5 to 8.5
- Hardness, Max. : 75 Grains (1300 ppm CaCO<sub>3</sub>)
- Temperature : 41 to 110 °F (5 to 43 °C)
- Chlorine : <3 ppm
- Iron, Ferrous : ≤0.3 mg/L
- Manganese : ≤0.05 mg/L
- Copper : ≤1.3 mg/L
- Oil & Polyphosphates : Remove Prior To Use
- H<sub>2</sub>S : Must Be Removed Prior To Use

### OPERATING CONDITIONS

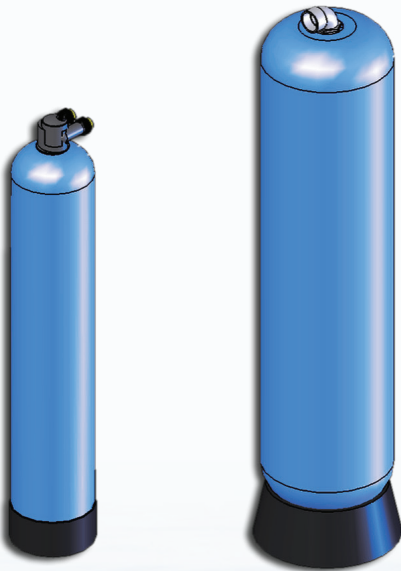
- Service Flow : 4 gpm/liter Of Media (Limited By Bed Expansion)
- Bed Depth : 4-10 Inches Typical (Depending On Flow Rate)
- Freeboard : 200% Of Bed Depth (Minimum 20")
- Can Be Used In Continuous Or Intermittent Operation
- Operates In Upflow Mode, No Backwash Required

## REGULATORY APPROVALS



Next-ScaleStop is tested & certified by the Water Quality Association to NSF/ANSI/CAN Standard 61, which now includes NSF/ANSI/CAN 372 Lead Free requirements.

See WQA website for minimum flow requirements.



**NSS 1054R    NSS 1665R**

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