



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 CaCO₃)
- Temperature : 41 to 140 °F (5 to 60 °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
- H₂S : Must Be Removed Prior To Use

OPERATING CONDITIONS

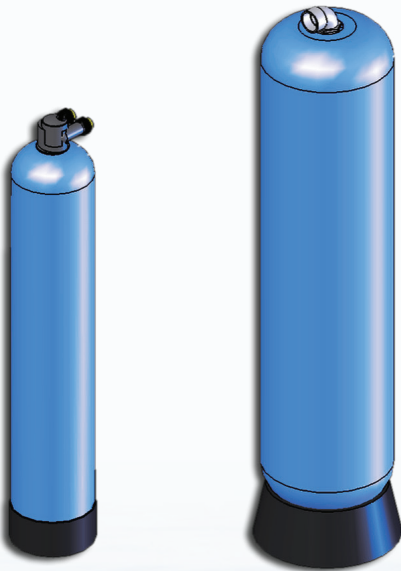
- Service Flow : 4 gpm/liter Of Media (Limited By Bed Expansion)
- Bed Depth : 4-10 Inches Typical (Depending On Flow Rate)
- Freeboard : 200% Of Bed Depth (Minimum 20")
- Can Be Used In Continuous Or Intermittent Operation
- Operates In Upflow Mode, No Backwash Required

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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