



## WS SERIES WATER SOFTENER CARTRIDGES

- Manufactured with FDA grade softener resin
- Available in a variety of sizes for multiple applications
- Utilize single use resin technologies for maximum life grains (CaCo<sub>3</sub>) capacity
- Sodium form

WS Series cartridges are designed to allow optimal contact between water and resin surfaces, ensuring maximum ion exchange. The internal expansion pad minimizes channeling, while the post filter eliminates any potential for bypass.

Designed for low water usage, these units will easily deliver softened product water through the use of FDA-grade sodium based, non-solvent rinsed softening resin. The cartridge style design provides a convenient solution for delivering softened water to protect sensitive water delivery equipment.

WS Series cartridges are available in three sizes for use in PENTEK's

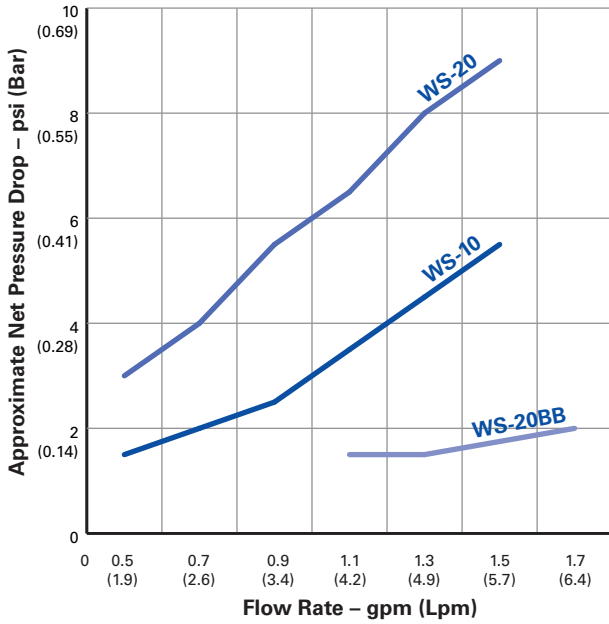
SlimLine®, Standard, and Big Blue® Series filter housings. Properly sized, these units can effectively treat water in applications desiring low hardness and scale deposits with capacity ranging between 750 to 4,500 grains.

PENTEK's water softening cartridges provide superior performance and outstanding protection for medical equipment, coffee and espresso appliances, low volume beverage and commercial food service machines.



# WS SERIES

## Water Softening Cartridges



### Cartridge Specifications and Performance Data

Model	Dimensions	Recommended Flow Rates	Capacity (Grains as CaCO <sub>3</sub> )
WS-10	2 <sup>5</sup> / <sub>8</sub> " x 9 <sup>3</sup> / <sub>4</sub> " (67 mm x 248 mm)	0.50 gpm (1.9 Lpm)	750
WS-20	2 <sup>5</sup> / <sub>8</sub> " x 20" (67 mm x 508 mm)	0.75 gpm (2.8 Lpm)	1500
WS-20BB	4 <sup>1</sup> / <sub>2</sub> " x 20" (114 mm x 508 mm)	2.0 gpm (8.5 Lpm)	4500

### Materials of Construction

Filter Media	Cation, sodium-form resin, 20 x 40 mesh, R-SO <sub>3</sub> -Na <sup>+</sup>
End Caps	Polypropylene
Pre-Filter	Polypropylene
Post-Filter	Polypropylene
Gaskets	Buna-N
Temperature Rating	100°F (37.8°C)

WARNING: For drinking water applications, do not use where the water is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the system.



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