



## R SERIES PLEATED POLYESTER CARTRIDGES

- Pleated design maximizes dirt-holding capacity
- Versatile and reusable, allowing for a variety of uses
- Durable polyester media is bacteria and chemical resistant
- Nominal 30-micron rating (R30) and nominal 50-micron rating (R50)

R Series cartridges are manufactured from a durable, non-woven and reusable polyester fabric that is suitable for a wide range of filtration uses.

The media is pleated around a polypropylene core for added strength and the ends are immersed in a thermo-setting vinyl plastisol. Embedding and sealing each end of the pleat in this fashion fuses the three components together forming a unitized end cap and gasket. The overlap seam is sonically welded to reduce internal bypass improving filtration efficiency.

The standard 9¾" length cartridge has more than four square feet of polyester fabric, while the larger Big Blue® version has more than 16 square feet. The media is pleated to maximize dirt-holding capacity and extend the time period between changes or cleaning.

R Series cartridges are resistant to both bacteria and chemical attack making them suitable for a variety of residential, commercial and industrial applications.

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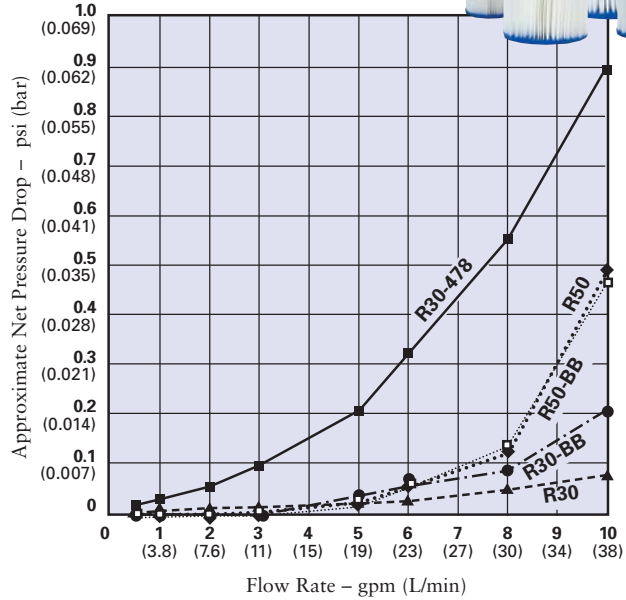
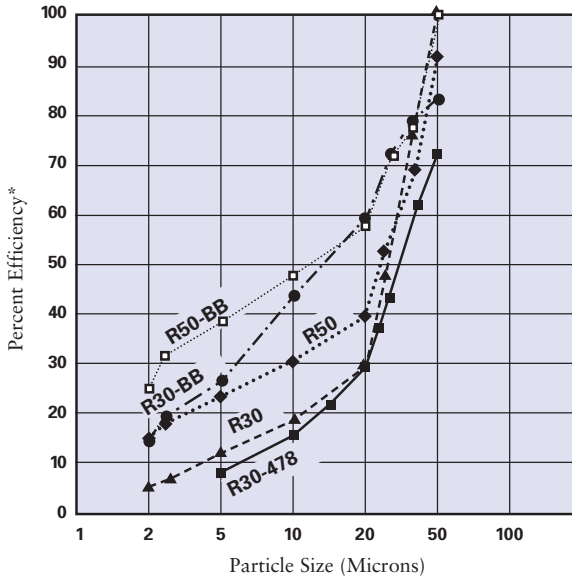


**PENTEK**  
FILTRATION

Pure Quality.™

# R SERIES

## Pleated Polyester Cartridges



This R50-BB is Tested and Certified by NSF International to NSF/ANSI Standard 42 for material requirements only.

### Cartridge Specifications and Performance Data

Model	Maximum Dimensions	Micron Rating* (Nominal)	Initial ΔP (psi) @ Flow Rate (gpm)
R30-478	2-5/8" x 4-7/8" (67 mm x 124 mm)	30	<1 psi @ 10 gpm (<0.1 bar @ 38 L/min)
R30	2-5/8" x 9-3/4" (67 mm x 248 mm)	30	<1 psi @ 10 gpm (<0.1 bar @ 38 L/min)
R50	2-5/8" x 9-3/4" (67 mm x 248 mm)	50	<1 psi @ 10 gpm (<0.1 bar @ 38 L/min)
R30-20	2-5/8" x 20" (67 mm x 508 mm)	30	<1 psi @ 10 gpm (<0.1 bar @ 38 L/min)
R30-BB	4-1/2" x 9-3/4" (114 mm x 248 mm)	30	<1 psi @ 10 gpm (<0.1 bar @ 38 L/min)
R50-BB	4-1/2" x 9-3/4" (114 mm x 248 mm)	50	<1 psi @ 10 gpm (<0.1 bar @ 38 L/min)
R30-20BB	4-1/2" x 20" (114 mm x 508 mm)	30	<1 psi @ 20 gpm (<0.1 bar @ 76 L/min)

\* Based on manufacturer's internal testing.

### Materials of Construction

- Filter Media: Non-Woven Polyester
- End Caps: Vinyl Plastisol
- Core: Polypropylene
- Temperature Rating: 40°F to 125°F (4.4°C to 51.7°C)

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

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