



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 unified 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.

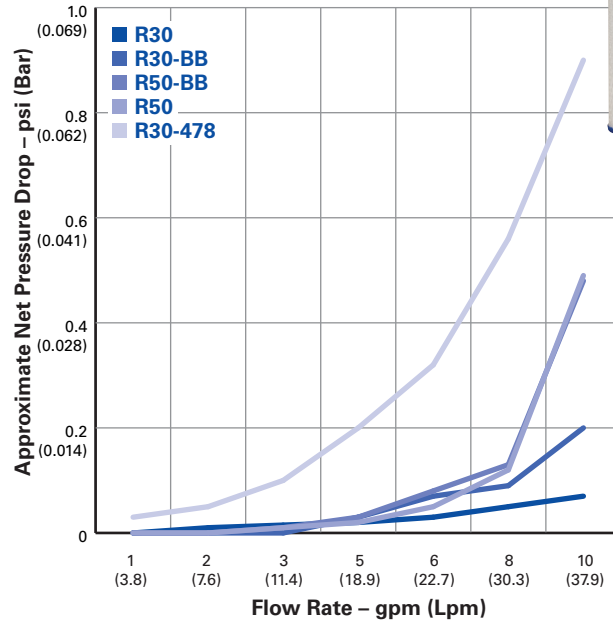
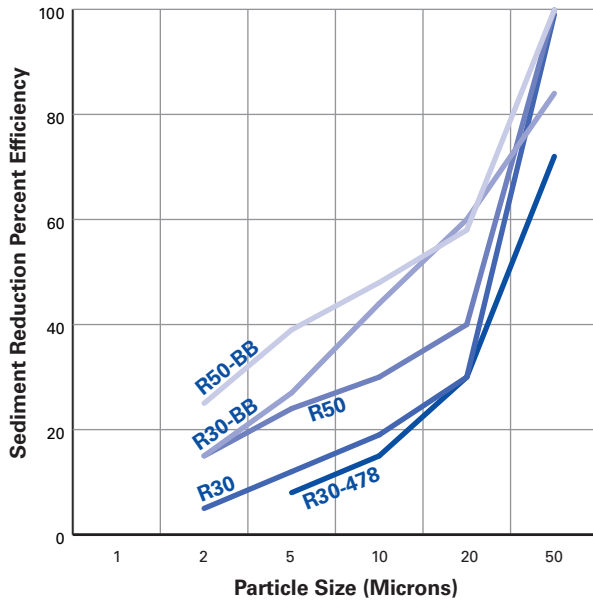
R Series cartridges are resistant to both bacteria and chemical attack making them suitable for a variety of residential, commercial and industrial applications.



PENTEK
Pentair Water

R SERIES

Pleated Polyester Cartridges



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 Lpm) |
| R30 | 2 5/8" x 9 3/4" (67 mm x 248 mm) | 30 | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| R50 | 2 5/8" x 9 3/4" (67 mm x 248 mm) | 50 | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| R30-20 | 2 5/8" x 20" (67 mm x 508 mm) | 30 | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| R30-BB | 4 1/2" x 9 3/4" (114 mm x 248 mm) | 30 | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| R50-BB | 4 1/2" x 9 3/4" (114 mm x 248 mm) | 50 | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| R30-20BB | 4 1/2" x 20" (114 mm x 508 mm) | 30 | <1 psi @ 20 gpm (<0.1 bar @ 76 Lpm) |

* Based on manufacturer's internal testing

Materials of Construction

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

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



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



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