

# PENTEK R SERIES

## PLEATED POLYESTER CARTRIDGES



Pentair Pentek® 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. The pleated endcaps of the standard cartridges are immersed in a thermo-setting vinyl plastisol. The Big Blue® cartridges have a molded endcap with gaskets. The pleated ends are sealed to the endcap with a thermoplastic adhesive. The overlap seam is sonically welded to reduce internal bypass improving filtration efficiency.

The standard 9.75" 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 chemical attack making them suitable for a variety of residential, commercial and industrial applications.

### FEATURES • BENEFITS

- ◆ Pleated design maximizes dirt holding capacity
- ◆ Versatile and reusable, allowing for a variety of uses
- ◆ Durable polyester media is chemical-resistant
- ◆ R30: Nominal 30 micron rating  
R50: Nominal 50 micron rating
- ◆ Lengths: 4.88", 10", 20"

### SPECIFICATIONS

Filter Media – Non-woven polyester  
Standard Endcaps – Vinyl plastisol  
Big Blue Endcaps – Polypropylene

Core – Polypropylene  
Temperature Rating –  
40-125°F (4.4-51.7°C)

## SPECIFICATIONS AND PERFORMANCE

MODEL #	PART #	MAXIMUM DIMENSIONS	RATING* (NOMINAL)	INITIAL ΔP (PSI) @ FLOW RATE (GPM)
R30-478	155031-43	2.63" x 4.88" (67 mm x 124 mm)	30 micron	<1 psi @ 10 gpm (<0.07 bar @ 38 Lpm)
R30	155017-43	2.63" x 9.75" (67 mm x 248 mm)	30 micron	<1 psi @ 10 gpm (<0.07 bar @ 38 Lpm)
R50	155038-43	2.63" x 9.75" (67 mm x 248 mm)	50 micron	<1 psi @ 10 gpm (<0.07 bar @ 38 Lpm)
R30-20	155416-43	2.63" x 20" (67 mm x 508 mm)	30 micron	<1 psi @ 10 gpm (<0.07 bar @ 38 Lpm)
R30-BB	155101-43	4.50" x 9.75" (114 mm x 248 mm)	30 micron	<1 psi @ 10 gpm (<0.07 bar @ 38 Lpm)
R50-BB	155053-43	4.50" x 9.75" (114 mm x 248 mm)	50 micron	<1 psi @ 10 gpm (<0.07 bar @ 38 Lpm)
R30-20BB	155430-43	4.50" x 20" (114 mm x 508 mm)	30 micron	<1 psi @ 20 gpm (<0.07 bar @ 76 Lpm)

\*Based on manufacturer's internal testing.

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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310066 Rev E SE21