

PENTEK R SERIES PLEATED POLYESTER CARTRIDGES

VERSATILE, REUSABLE DESIGN WITH SUPERIOR DIRT HOLDING CAPACITY



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 both bacteria and 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 bacteria- and 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.



WATER QUALITY SYSTEMS

5730 NORTH GLEN PARK ROAD, MILWAUKEE, WI 53209

P: 262.238.4400 | F: 262.238.4404

WATERPURIFICATION.PENTAIR.COM

CUSTOMER CARE: 800.279.9404 | tech-support@pentair.com

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FLOPLUS SERIES

MODIFIED MOLDED CARBON BLOCK CARTRIDGES



Pentair FloPlus⁸ Cartridges utilize the benefit of small particle reduction at a flow rate comparable to a 10-micron rated cartridge.

This product boasts extremely low pressure drops and high flow rates – comparable to 10-micron (very open) carbon cartridges. Its efficiency is so high that very small particles can be removed to create cleaner, safer water.

These cartridges are ideal for applications where pressure drop and low flow have been chronic problems in the past, as well as whole house water treatment with the addition of small particle reduction. However, it will address the needs of any end user looking for a product that offers high flow, low pressure drop, infrequent cartridge changes and small particle reduction.

FEATURES • BENEFITS

- ◆ NSF/ANSI Standard 53 certified to reduce cysts such as *Cryptosporidium* and *Giardia* by mechanical means
- ◆ Premium dirt holding capacity*
- ◆ True depth filtration
- ◆ High flow rates and low pressure drop similar to a nominal 10-micron cartridge
- ◆ Maximum life – dirt holding ability of a 10-micron carbon block with the particulate efficiency of a 0.5-micron cartridge

SPECIFICATIONS

- ◆ Filter Media – Bonded PAC
- ◆ Endcaps – Polypropylene
- ◆ Netting – Polyethylene
- ◆ Gaskets – Santoprene
- ◆ Temperature Rating – 40-180°F (4.4-82.2°C)

*Not Tested or Certified by WQA

FLOPLUS SERIES MODIFIED MOLDED CARBON BLOCK CARTRIDGES

SPECIFICATIONS AND PERFORMANCE

MODEL #	PART #	MAXIMUM DIMENSIONS	RATING (NOMINAL)*	INITIAL ΔP (PSI) @ FLOW RATE (GPM)*	CHLORINE TASTE & ODOR @ FLOW RATE (GPM)
FloPlus-10	455903-43	2.88" x 9.75" (73 mm x 248 mm)	0.5 micron	2 psi @ 1 gpm (0.14 bar @ 3.8 Lpm)	>10,000 gallons @ 1 gpm (37,854 L @ 3.8 Lpm)
FloPlus-20	455904-43	2.88" x 20" (73 mm x 508 mm)	0.5 micron	2 psi @ 2 gpm (0.14 bar @ 7.6 Lpm)	>20,000 gallons @ 2 gpm (75,708 L @ 7.6 Lpm)
FloPlus-10BB	455905-43	4.63" x 9.75" (118 mm x 248 mm)	0.5 micron	4 psi @ 2 gpm (0.28 bar @ 7.6 Lpm)	>25,000 gallons @ 2 gpm (94,635 L @ 7.6 Lpm)
FloPlus-20BB	455906-43	4.63" x 20" (118 mm x 508 mm)	0.5 micron	4 psi @ 4 gpm (0.28 bar @ 15.2 Lpm)	>50,000 gallons @ 4 gpm (189,270 L @ 15.2 Lpm)

*Not Tested or Certified by NSF

NOTES: Performance capacity depends on system design, flow rate and certain other application conditions. Certain states require system registration or certification for health-related substance reduction claims. Cartridges may contain a very small amount of carbon fines (very fine black powder). After installation, follow the instructions for flushing the cartridge to remove the fines before using the water. You should flush the tap at least 20 seconds prior to using water for drinking or cooking purposes. This is particularly important if the tap has not been used daily.

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



Tested and Certified by NSF against NSF/ANSI Standard 53 and CSA B483.1 for the reduction of claims specified on the performance data sheet in models FPS-10, FPS-10BB, FPS-20 and FPS-20BB to reduce Cysts.

EPA EST. NO. 086074-NH-001



13845 Bishops Dr. | Suite 200 | Brookfield, WI 53005 | United States
P: 262.238.4400 | Customer Care: 800.279.9404 | tech-support@pentair.com

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