

# CHLORPLUS SERIES

## CHLORAMINE REDUCTION CARTRIDGES



Pentair Pentek<sup>®</sup> ChlorPlus<sup>®</sup> carbon block cartridges help reduce sediment while providing greater chloramine performance capacities than granular carbon. They also significantly reduce the carbon fines found in many granular canisters.

The CRFC20-BB heavy duty radial flow cartridge measures 4.5" in diameter and 20" long, which is ideal for higher flow rate and capacity applications. This cartridge incorporates a 70-micron porous polypropylene outer shell and a spun polypropylene-wrapped core. The bed of granular activated carbon (GAC) between the outer shell and core creates a unique radial flow design which effectively removes chloramine, has a low pressure drop, and helps to reduce fines commonly seen in GAC-style cartridges.

All of these cartridges utilize advanced activated carbon technology which allows superior chloramine and chlorine reduction. The range of sizes and capacities offered makes them ideal for both point-of-entry (POE) and point-of-use (POU) applications.

### FEATURES • BENEFITS

- ◆ Superior chloramine and chlorine reduction
- ◆ Unique design reduces carbon fines in filtered water
- ◆ Ideal for POE or POU applications
- ◆ Available in a variety of sizes

### SPECIFICATIONS

#### ChlorPlus

- ◆ Filter Media – Advanced bonded PAC
- ◆ Endcaps – Polypropylene
- ◆ Inner Wrap/Core – Polyolefin
- ◆ Outer Wrap/Shell – Polyolefin
- ◆ Netting – Polyethylene
- ◆ Gaskets – Santoprene
- ◆ Temperature Rating – 40-125°F (4.4-51.7°C)

#### CRFC-BB/CRFC20-BB

- ◆ Filter Media – Advanced GAC
- ◆ Endcaps – Polypropylene
- ◆ Inner Wrap/Core – Spun polypropylene
- ◆ Outer Wrap/Shell – Polyethylene
- ◆ Post Filter – Spun polypropylene
- ◆ Gaskets – Santoprene
- ◆ Temperature Rating – 40-125°F (4.4-82.2°C)

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## SPECIFICATIONS AND PERFORMANCE

MODEL #	PART #	MAXIMUM DIMENSIONS	RATING (NOMINAL)*	INITIAL ΔP (PSI) @ FLOW RATE (GPM)*
ChlorPlus 10	255416-43	2.88" x 9.75" (73 mm x 248 mm)	1 micron	6 psi @ 1.0 gpm (0.41 bar @ 3.8 Lpm)
ChlorPlus 20	255417-43	2.88" x 20" (73 mm x 508 mm)	1 micron	6 psi @ 2 gpm (0.41 bar @ 7.6 Lpm)
ChlorPlus 10BB	355752-43	4.5" x 9.75" (114 mm x 248 mm)	1 micron	6 psi @ 2.0 gpm (0.41 bar @ 7.6 Lpm)
ChlorPlus 20BB	355753-43	4.5" x 20" (114 mm x 508 mm)	1 micron	6 psi @ 4.0 gpm (0.41 bar @ 15.2 Lpm)
CRFC-BB	355056-43	4.5" x 9.75" (114 mm x 248 mm)	25 micron	2.5 psi @ 2.5 gpm (0.17 bar @ 9.5 Lpm) <1 psi @ 1.5 gpm (<0.07 bar @ 5.7 Lpm)
CRFC20-BB	155967-43	4.5" x 20" (114 mm x 508 mm)	25 micron	2.5 psi @ 5 gpm (.17 bar @ 18.9 Lpm) <1 psi @ 2.5 gpm (<.07 bar @ 9.5 Lpm)

MODEL #	PART #	CHLORINE TASTE & ODOR REDUCTION @ FLOW RATE (GPM)*	CHLORAMINE REDUCTION @ FLOW RATE (GPM)*
ChlorPlus 10	255416-43	>50,000 gallons @ 1 gpm (>189,270L @ 3.8 Lpm)	2,500 gallons @ 0.5 gpm (9,463L @ 1.9 Lpm) 1,000 gallons @ 1.0 gpm (3,785L @ 3.8 Lpm)
ChlorPlus 20	255417-43	>100,000 gallons @ 2 gpm (>378,451L @ 7.6 Lpm)	5,000 gallons @ 1.0 gpm (18,927L @ 3.8 Lpm) 2,000 gallons @ 2.0 gpm (7,570L @ 7.6 Lpm)
ChlorPlus 10BB	355752-43	>250,000 gallons @ 2 gpm (>946,352L @ 7.6 Lpm)	3,500 gallons @ 2.0 gpm (13,249L @ 7.6 Lpm)
ChlorPlus 20BB	355753-43	>500,000 gallons @ 4 gpm (>1,892,706L @ 15.2 Lpm)	7,000 gallons @ 4.0 gpm (26,498L @ 15.2 Lpm)
CRFC-BB	355056-43	>100,000 gallons @ 2 gpm (>378,451L @ 7.6 Lpm)	12,000 gallons @ 1.5 gpm (45,424L @ 5.7 Lpm) 5,000 gallons @ 2.5 gpm (18,927L @ 9.5 Lpm)
CRFC20-BB	155967-43	>200,000 gallons @ 4 gpm (>757,082L @ 15.2 Lpm)	25,000 gallons @ 2.5 gpm (94,635L @ 9.5 Lpm) 10,000 gallons @ 5.0 gpm (37,854L @ 18.9 Lpm)

\*Based on manufacturer's internal testing.

NOTES: Some harmless bacteria will attack cellulose media cartridges. If your cartridge seems to disintegrate or has a musty or moldy odor, switch to a synthetic media cartridge or consult the manufacturer. Estimated capacity tested at given flow rate using 2 ppm free available chlorine to 0.5 ppm breakthrough and 3 ppm chloramine to 0.5 ppm breakthrough. Increased flow rates may result in less effective chlorine reduction.

WARNING: For drinking water applications, 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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