

Carbflex™ Series CAF-250 & CAF-450

CFB-Plus Modified Molded Block FILTER CARTRIDGES

Carbflex™ Series CFB-Plus Modified Molded Block Filter Cartridges offer the same benefits as other CFB products while providing even greater chlorine taste & odor reduction and the highest sediment reduction levels found in a carbon cartridge.

APPLICATIONS

- Commercial
- Food Service
- Industrial
- Residential



CARTRIDGE OPERATION

CFB-Plus Series Filter Cartridges are modified molded blocks created by use of proprietary Fibredyne™ technology which creates a unique filter media by attaching powdered activated carbon onto a cellulose-free synthetic fiber matrix. The Fibredyne carbon block technology also offers up to two times the chlorine taste & odor reduction and dirt-holding capacity of traditional blocks.

FEATURES

- Combines the benefits of both a sediment filter and a carbon block into a single cartridge
- Up to two times the chlorine taste & odor reduction and dirt-holding capacity of traditional blocks.
- Nominal 5-10 micron rating
- Available in 2.8- and 4.6-inch diameters
- Post-filtration layer fused to the carbon/fiber media blend ensures fines will not be released into the effluent stream
- Fibredyne™ technology creates a unique filter media by attaching powdered activated carbon onto a cellulose-free synthetic fiber matrix
- Manufactured entirely from FDA-compliant materials

SPECIFICATIONS

Component	Material/Value
Filtration Media	Bonded PAC
Endcaps	Polypropylene
Netting	Polyethylene
Gasket	Santoprene®
Temperature Rating	40 °F (4.4 °C)–180 °F (82.2 °C)

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

NOTE: Performance capacity depends on system design, flow rate and certain other application conditions. Certain states require system registration and certification for health-related contaminant reduction using the water.

NOTE: Cartridges will contain a very small amount of carbon fines (very fine black powder). After installation, a new cartridge should be flushed with sufficient water to remove all traces of fines prior to using the water.

NOTE: Micron ratings based on 85% or greater removal of given particle size. Estimated capacity using 2ppm free available chlorine at 0.5 ppm breakthrough.



**Pentair
Industrial**



Tested and Certified by NSF International to NSF/ANSI Standard 42 for material requirements only.

COMPONENT

Carbflex™ CFB-Plus Series CAF-250 & CAF-450 Filter Cartridges

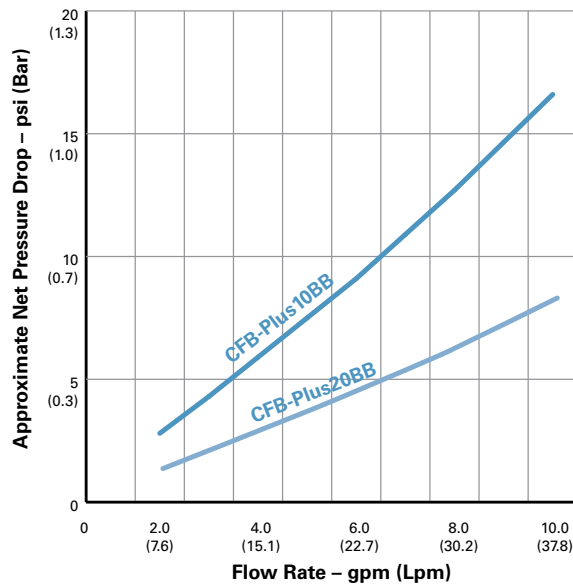
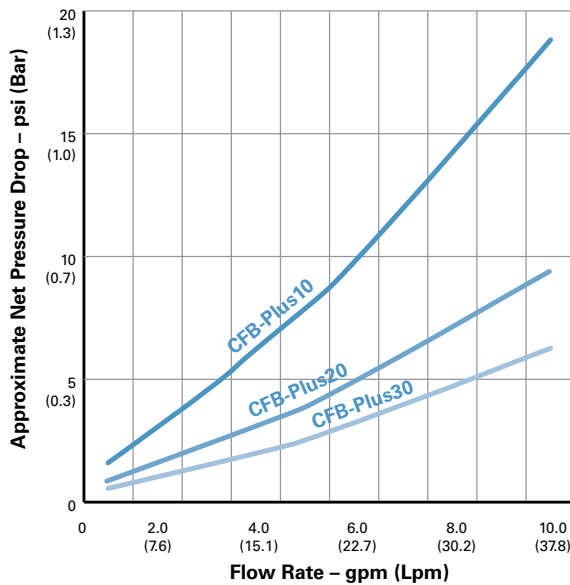
CARTRIDGE SPECIFICATIONS AND PERFORMANCE*

Model	Maximum Dimensions	Micron Rating (Normal)	Initial ΔP (PSI) @ Flow Rate (gpm)*	Chlorine Taste & Odor Reduction @ Flow Rate*
CFB-Plus10	2.8" x 9.75" (73 mm x 248 mm)	5-10	1.6 PSI @ 1.0 gpm (0.7 bar @ 3.8 Lpm)	>10,000 gallons @ 1 gpm (>37,800 L @ 3.8 Lpm)
CFB-Plus20	2.8" x 20" (73 mm x 508 mm)	5-10	1.6 PSI @ 2.0 gpm (0.7 bar @ 7.6 Lpm)	>20,000 gallons @ 2 gpm (>75,700 L @ 7.6 Lpm)
CFB-Plus30	2.8" x 30" (73 mm x 762 mm)	5-10	1.6 PSI @ 3.0 gpm (0.7 bar @ 11.4 Lpm)	>30,000 gallons @ 3 gpm (>113,500 L @ 11.4 Lpm)
CFB-Plus10BB	4.6" x 9.75" (118 mm x 248 mm)	5-10	2.5 PSI @ 2.0 gpm (0.7 bar @ 7.6 Lpm)	>25,000 gallons @ 2 gpm (>94,600 L @ 7.6 Lpm)
CFB-Plus20BB	4.6" x 20" (118 mm x 508 mm)	5-10	2.5 PSI @ 4.0 gpm (0.7 bar @ 11.4 Lpm)	>50,000 gallons @ 4 gpm (>189,000 L @ 15.1 Lpm)

* Based on manufacturer's internal testing.

TEST DATA

Carbflex™ Series CAF-250 & CAF-450 Cartridge Water Flow Rate



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