



# Carbflex™ Series CAF-250

## CFB Modified Molded Block Carbon FILTER CARTRIDGES

Carbflex™ CFB Filter Cartridges provide the effective chlorine taste & odor reduction found in traditional carbon block media while offering excellent sediment reduction capabilities. These cartridges are an ideal choice for applications with high contaminant lead that lead to premature plugging with other cartridges.

### APPLICATIONS

- Commercial
- Food Service
- High Sediment
- Industrial
- Residential Water

### CARTRIDGE OPERATION

CFB 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. Fibredyne's carbon block technology also offers up to two times the chlorine taste & odor reduction and dirt-holding capacity of traditional blocks.\*

*\*Based on manufacturer's internal testing.*

### FEATURES

- Nominal 10 micron rating
- Excellent dirt-holding capacity
- High chlorine taste & odor and bad taste & odor reduction
- Combines benefits of a sediment filter and a carbon block into a single cartridge
- Made with proprietary Fibredyne™ technology
- Manufactured entirely from FDA-compliant materials
- Post-filtration layer fused to the carbon/fiber media blend ensures cartridge will not release fines into the effluent stream

### 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**



COMPONENT

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

# Carbflex™ CFB Series CAF-250 Filter Cartridges

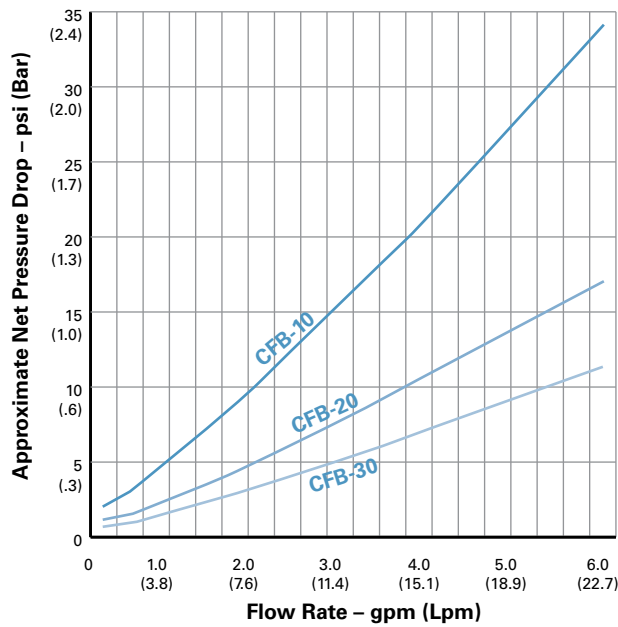
## CARTRIDGE SPECIFICATIONS AND PERFORMANCE\*

Model	Maximum Dimensions	Micron Rating (Nominal)	Initial ΔP (PSI) @ Flow Rate (gpm)*	Chlorine Taste & Odor Reduction @ Flow Rate*
CFB-10	2.8" x 9.75" (73 mm x 248 mm)	10	3.0 PSI @ 1.0 gpm (0.7 bar @ 3.8 Lpm)	>5,000 gallons @ 1 gpm (>18,900 L @ 3.8 Lpm)
CFB-20	2.8" x 20" (73 mm x 508 mm)	10	3.0 PSI @ 2.0 gpm (0.7 bar @ 7.6 Lpm)	>10,000 gallons @ 2 gpm (>37,800 L @ 7.6 Lpm)
CFB-30	2.8" x 30" (73 mm x 762 mm)	10	3.0 PSI @ 3.0 gpm (0.7 bar @ 11.4 Lpm)	>15,000 gallons @ 3 gpm (>56,700 L @ 11.4 Lpm)

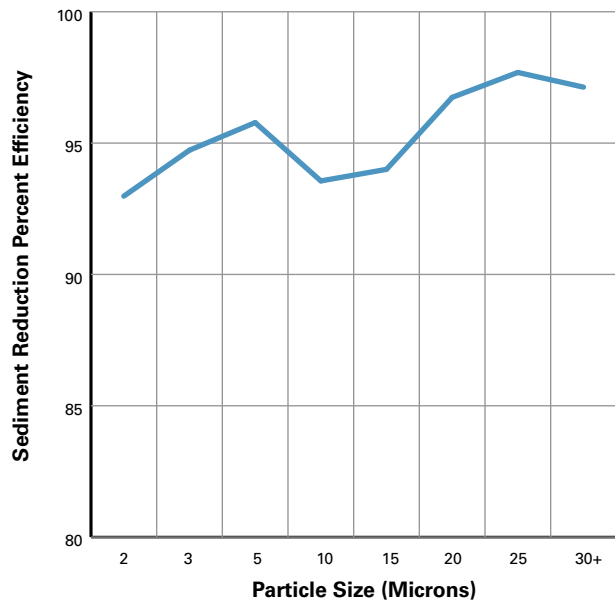
\*Based on manufacturer's internal testing.

## TEST DATA

Carbflex™ Series CAF-250 Cartridge Water Flow Rate



Efficiency



**LENNTECH**

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