

## Carbflex™ Series CAF-250 CFB-PB10 Lead Reduction Carbon FILTER CARTRIDGE

The Carbflex™ Series CAF-250 Lead Reduction Modified Molded Block Cartridges offer highly effective chlorine taste & odor, cyst and lead reduction found in traditional carbon block media while offering premium sediment filtration.

### APPLICATIONS

- Commercial
- Food Service
- Industrial
- Residential Water

### CARTRIDGE OPERATION

The CAF-250 Cartridge is modified molded block manufactured using our proprietary Fibredyne™ technology. This technology creates a unique filter media by attaching powdered activated carbon and lead adsorbent material onto a cellulose-free synthetic fiber matrix. This results in higher reduction efficiencies that resist plugging, afford the longest life, and feature the lowest pressure drop over the effective life of the cartridge of any available 0.5 micron filter cartridge.\* Fibredyne's carbon block technology also offers up to two times the chlorine taste & odor reduction and dirt-holding capacity of traditional blocks.\* In addition, this technology will not release fines into the effluent stream due to a unique post-filtration layer that is fused to the carbon/fiber media blend.

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

### FEATURES

- Nominal 0.5 micron rating
- 99.95% reduction of Cryptosporidium and Giardia cysts
- Lead reduction through 2000 gallons
- Premium dirt-holding capacity
- High chlorine taste & odor and bad taste & odor reduction
- Manufactured entirely from FDA-compliant materials

### SPECIFICATIONS

Component	Material/Value
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 unit.

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

**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.

**\*NOTE:** Giardia, Cryptosporidium, Entamoeba and Toxoplasma cyst claim based on tests showing greater than 99.95% reduction using NSF Standard 53 protocol.



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

COMPONENT



**Pentair  
Industrial**

# Carbflex™ CFB-PB10 Series CAF-250 Filter Cartridges

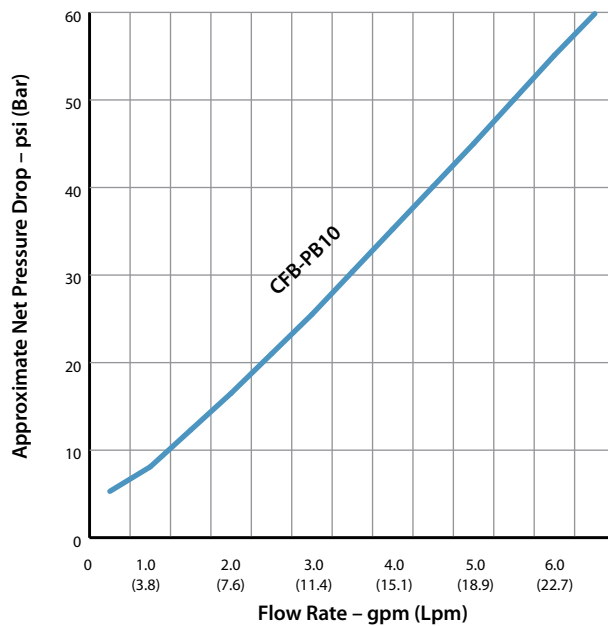
## CARTRIDGE SPECIFICATIONS AND PERFORMANCE\*

Model	Maximum Dimensions	Micron Rating (Normal)	Initial ΔP (PSI) @ Flow Rate (gpm)	Chlorine Taste & Odor Reduction @ Flow Rate*
CFB-PB10	2.875" x 9.75" (73 mm x 248 mm)	0.5	8.1 PSI @ 1 gpm (0.6 bar @ 3.8 Lpm)	>5,000 gallons @ 1 gpm (>18,900 L @ 3.8 Lpm)

\* Based on manufacturer's internal testing.

## TEST DATA

Carbflex™ Series CAF-250 Cartridge Water Flow Rate



502 Indiana Avenue, Sheboygan, WI 53082-1047  
 800.869.0325 574.278.7161 FAX 574.278.7115  
[support@pentairindustrial.com](mailto:support@pentairindustrial.com) [www.pentairindustrial.com](http://www.pentairindustrial.com)