

CFB-PB10

**FIBREDYNE™  
TECHNOLOGY**

## CFB-PB10 LEAD REDUCTION MODIFIED MOLDED BLOCK CARTRIDGE

- 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 and odor reduction\*

The CFB-PB cartridge offers the benefits of effective chlorine taste & odor, cyst and lead reduction found in traditional carbon block media while offering premium sediment filtration.\*

The CFB-PB product 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.

The CFB-PB cartridge is manufactured entirely from FDA-compliant materials, making it an ideal choice for a wide range of residential, food service, commercial and industrial applications.

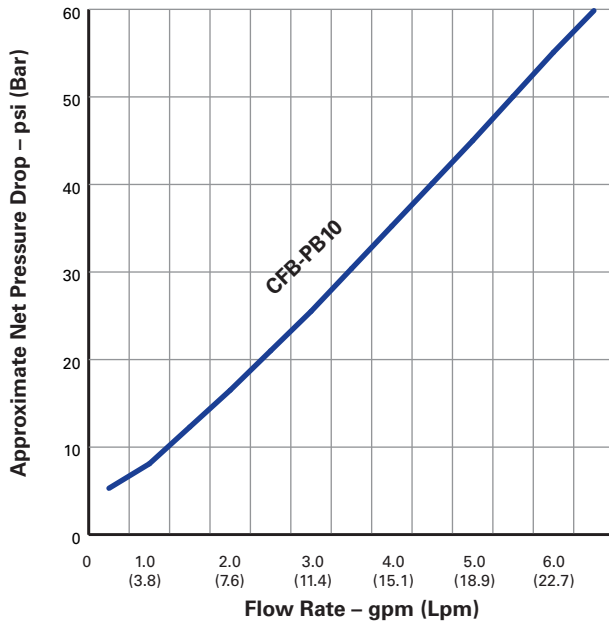
\* Based on manufacturer's internal testing.



**PENTEK**  
Pentair Water

# CFB-PB10 CARTRIDGE

## Lead Reduction Modified Molded Block Cartridge



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

COMPONENT

### Cartridge Specifications and Performance Data

Model	Maximum Dimensions	Micron Rating (Nominal)*	Initial ΔP (psi) @ Flow Rate (gpm)*	Chlorine Taste & Odor Reduction @ Flow Rate (gpm)*	Temperature Rating
CFB-PB10	2 <sup>7</sup> / <sub>8</sub> " x 9 <sup>3</sup> / <sub>4</sub> " (73mm x 248mm)	0.5	8.1 psi @ 1 gpm (0.6 bar @ 3.8 Lpm)	>5,000 gallons @ 1 gpm (>18,900 L @ 3.8 Lpm)	40°F-180°F (4.4°C-82.2°C)

- Cyst Reduction†\*
- Lead & Mercury Reduction\*

\* Based on manufacturer's internal testing.

### Materials of Construction

Filter Media	Bonded PAC
End Caps	Polypropylene
Netting	Polyethylene
Gaskets	Santoprene™

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.



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