



# CARBFLEX™ SERIES CAF-250

## CFBC Modified Molded Block Carbon FILTER CARTRIDGES

Carbflex™ CAF-250 Filter Cartridges offer the effective chlorine taste & odor reduction found in traditional carbon block media while providing superior sediment reduction with resistance to premature plugging.

### APPLICATIONS

- Commercial
- Food Service
- Industrial
- Residential Water

### CARTRIDGE OPERATION

Carbflex™ CAF-250 Cartridges are modified molded blocks manufactured using proprietary Fibredyne™ technology. This technology creates a unique filter media by attaching powdered activated carbon onto a cellulose-free synthetic fiber matrix. Benefits of this technology include low pressure drop over the entire life of the cartridge and up to three times the chlorine taste & odor and dirt-holding capacity of traditional 0.5 micron carbon blocks.

### FEATURES

- Nominal 0.5 micron rating
- 99.95% reduction of Cryptosporidium and Giardia cysts
- Premium dirt-holding capacity
- High chlorine taste & odor and bad taste & odor reduction
- Some organic chemical reduction
- Combines benefits of both a sediment filter and a carbon block into a single cartridge
- Made with 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	Spun 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.

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



COMPONENT

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

## CARTRIDGE SPECIFICATIONS AND PERFORMANCE\*

Model	Maximum Dimensions	Micron Rating (Nominal)	Initial ΔP (PSI) @ Flow Rate (gpm)	Chlorine Taste & Odor Reduction @ Flow Rate*
CFBC-10	2.875" x 9.75" (73 mm x 248 mm)	0.5	10.7 PSI @ 1.0 gpm (0.7 bar @ 3.8 Lpm)	>20,000 gallons @ 1 gpm (>75,700 L @ 3.8 Lpm)
CFBC-20	2.875" x 20" (73 mm x 508 mm)	0.5	10.7 PSI @ 1.0 gpm (0.7 bar @ 7.6 Lpm)	>40,000 gallons @ 2 gpm (>151,400 L @ 7.6 Lpm)

\*Based on manufacturer's internal testing.

## TEST DATA

Carbflex™ Series CAF-250 Cartridge Water Flow Rate

