

# Carbflex™ Series CAF-250 & CAF-450

## GAC Granular Activated Carbon FILTER CARTRIDGES

Carbflex™ Series GAC Cartridges effectively reduce unwanted tastes, odor and chlorine taste & odor from your drinking water, based on internal testing. They are designed to allow maximum contact between the water and carbon, ensuring maximum adsorption.

### APPLICATION

- Commercial
- Food Service
- Industrial
- Residential

### CARTRIDGE OPERATION

The construction of the cartridge allows water to enter at one end and pass through the entire length of the carbon bed before exiting the other end of the cartridge, while an internal expansion pad minimizes channeling or bypass. Before the water exits the cartridge, a 20 micron post-filter helps reduce carbon fines and other suspended particles from the filtered water. The post-filter is permanently fastened to an innovative support basket ensuring that it is firmly secured, eliminating any potential for bypass.

### FEATURES

- Bad taste & odor and chlorine taste & odor reduction
- Designed for maximum adsorption
- Internal expansion pad minimizes channeling or bypass
- Internal 20 micron post-filter helps reduce carbon fines and other suspended particles from the filtered water

### SPECIFICATIONS

Component	Material/Value
Filtration Media	Granular activated carbon
Endcaps	Polystyrene
Post-Filter	Spun Polypropylene
Outer Casing	Polystyrene
Expansion Pad	Polypropylene
Gasket	Buna-N® (top) - Santoprene® (bottom)
Temperature Rating	40° F (4.4° C)–125° F (51.7° C)

\*Test data represents actual 10-inch cartridges.

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

**NOTE:** A drinking water cartridge may contain carbon fines (very fine black powder). After installation and before using the water, follow the instructions for flushing the cartridge to remove fines.

**NOTE:** It is recommended that you flush for 20 seconds prior to using the water for drinking or cooking purposes.

**NOTE:** Chlorine Reduction is estimated capacity using 2ppm free available chlorine (FAC) at continuous flow with greater than 75% reduction.



COMPONENT

The GAC-10 and GAC-20BB are Tested and Certified by NSF International to NSF/ANSI Standard 42 for material requirements only.



**Pentair  
Industrial**

# Carbflex™ GAC Series CAF-250 & CAF-450 Filter Cartridges

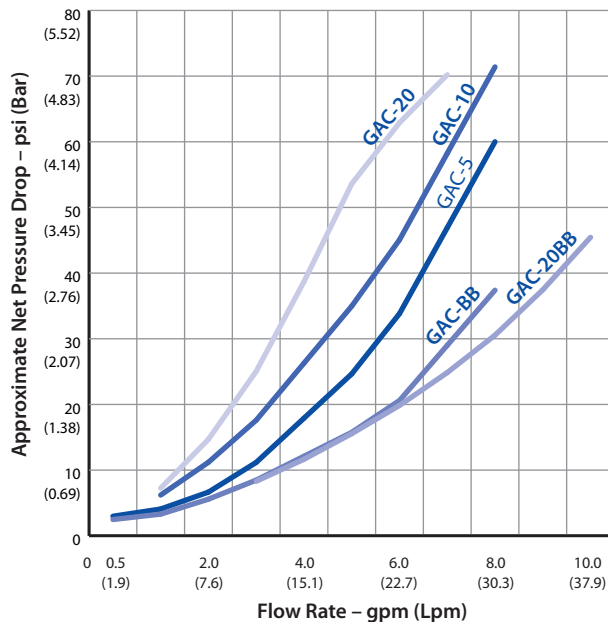
## CARTRIDGE SPECIFICATIONS AND PERFORMANCE\*

Model	Maximum Dimensions	Initial ΔP (PSI) @ Flow Rate (gpm)*	Chlorine Taste & Odor Reduction @ Flow Rate*
GAC-5	2.8" x 4.8" (73 mm x 124 mm)	3.0 PSI @ 0.5 gpm (0.2 bar @ 1.9 Lpm)	250 gallons @ 0.5 gpm (900 L @ 1.9 Lpm)
GAC-10	2.8" x 9.75" (73 mm x 248 mm)	7.0 PSI @ 1.0 gpm (0.5 bar @ 3.8 Lpm)	5,000 gallons @ 1.0 gpm (18,900 L @ 3.8 Lpm)
GAC-20	2.8" x 20" (73 mm x 508 mm)	16 PSI @ 2.0 gpm (1.1 bar @ 7.6 Lpm)	10,000 gallons @ 2.0 gpm (37,800 L @ 7.6 Lpm)
GAC-BB	4.5" x 9.75" (114 mm x 248 mm)	6.0 PSI @ 2.0 gpm (0.4 bar @ 7.6 Lpm)	12,500 gallons @ 2.0 gpm (47,000 L @ 7.6 Lpm)
GAC-20BB	4.5" x 20" (114 mm x 508 mm)	5.0 PSI @ 4.0 gpm (0.3 bar @ 15 Lpm)	25,000 gallons @ 4.0 gpm (95,000 L @ 15 Lpm)

\*Based on manufacturer's internal testing.

## TEST DATA

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



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