



## GAC SERIES GRANULAR ACTIVATED CARBON CARTRIDGES

**Effective taste, odor and chlorine reduction**

**Designed for maximum adsorption**

**Post-filter to reduce carbon fines**

**Available in a variety of sizes and flow rates**

GAC Series cartridges effectively reduce unwanted tastes, odor and chlorine from your drinking water. They are designed to allow maximum contact between the water and carbon, ensuring maximum adsorption.

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 remove 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 and eliminating any potential for bypass.

GAC Series cartridges are available in a variety of sizes and flow rates, and effectively provide good general-purpose drinking water filtration.

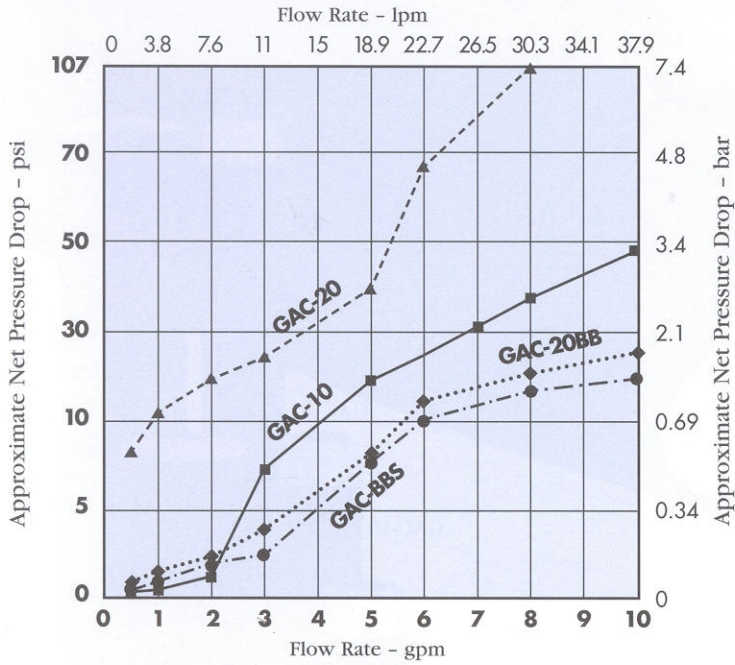
# GAC SERIES

## GAC-Series Granular Activated Carbon Cartridges



COMPONENT

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



### Cartridge Specifications and Performance Data

Model	Maximum Dimensions	Initial ΔP (psi) @ Flow Rate (gpm)	Chlorine Reduction @ Flow Rate (gpm)
GAC-5	2-7/8" x 4-7/8" (73 mm x 124 mm)	<1.00 psi @ 0.5 gpm (<0.1 bar @ 1.9 lpm)	>750 gallons @ 0.5 gpm (>2,800 liters @ 1.9 lpm)
GAC-10	2-7/8" x 9-3/4" (73 mm x 248 mm)	3.00 psi @ 1.0 gpm (0.2 bar @ 3.8 lpm)	>5,000 gallons @ 1.0 gpm (>18,900 liters @ 3.8 lpm)
GAC-20	2-7/8" x 20" (73 mm x 508 mm)	11.00 psi @ 2.0 gpm (0.8 bar @ 7.6 lpm)	>10,000 gallons @ 2.0 gpm (>37,800 liters @ 7.6 lpm)
GAC-BB	4-1/2" x 9-3/4" (114 mm x 248 mm)	3.00 psi @ 2.0 gpm (0.2 bar @ 7.6 lpm)	>12,500 gallons @ 2.0 gpm (>47,000 liters @ 7.6 lpm)
GAC-20BB	4-1/2" x 20" (114 mm x 508 mm)	5.00 psi @ 4.0 gpm (0.3 bar @ 15 lpm)	>30,000 gallons @ 4.0 gpm (>113,000 liters @ 15 lpm)

### Materials of Construction

- Filter Media**: Granular-Activated Carbon
- End Caps**: Polystyrene
- Post-filter**: Spun Polypropylene
- Outer Casing**: Polystyrene
- Expansion Pad**: Polyester
- Gasket**: Buna-N (top), Santoprene (bottom)
- Temperature Rating**: 40°F to 125°F (4.4°C to 52°C)

**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 90% reduction.



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