



Carbflex™ Series CAF-250

TSGAC Specialty Granular Activated Carbon/Phosphate FILTER CARTRIDGE

Carbflex™ Series TSGAC Cartridges provide superior water filtration performance and outstanding protection, effectively reducing chlorine taste and odor, rust stains and scale deposits.

APPLICATIONS

- Commercial Equipment
- Fixtures
- Major Appliances
- Water Lines

CARTRIDGE OPERATION

The construction of the TSGAC 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. An internal expansion pad minimizes channeling or bypass. This design allows for maximum contact between the water and carbon, ensuring maximum adsorption. 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.

FEATURES

- Granular activated carbon to reduce bad taste, odor and chlorine taste & odor
- Phosphate crystals reduce rust stains and scale deposits
- Designed for maximum adsorption
- Post-filter to reduce carbon fines

SPECIFICATIONS

Component	Material/Value
Filtration Media	Granular Activated Carbon Hexametaphosphate Crystals
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)

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, flush the cartridge for 5 minutes to remove fines.

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



COMPONENT

The TSGAC-10 is Tested and Certified by NSF International to NSF/ANSI Standard 42 for material requirements only.

CARTRIDGE SPECIFICATIONS AND PERFORMANCE*

Model	Maximum Dimensions	Initial ΔP (PSI) @ Flow Rate (gpm)	Chlorine Taste & Odor Reduction @ Flow Rate*
TSGAC-10	2.8" x 9.75" (73 mm x 248 mm)	2.5 PSI @ 1.0 gpm (0.2 bar @ 3.8 Lpm)	>2000 gallons @ 1 gpm (7,570 L @ 3.8 Lpm)

*Based on manufacturer's internal testing.

TEST DATA

Carbflex™ Series CAF-250 Cartridge Water Flow Rate

