

Fluoride BIG Series Cartridge

Designed to reduce fluoride to below 0.5 ppm (EPA 4PPM, California 2PPM, WHO 1.5PPM)

Atlas Filtri® Fluoride BIG Series is a 4.5" OD double open ended (DOE) filter cartridge, designed to perform at an average of 3 gpm with a low pressure drop. The Fluoride BIG Series is designed for drinking water application and will reduce fluoride to less than 0.5 PPM. The media comes in a reusable canister and provides a 6 to 12-month capacity for fluoride reduction, depending upon demand. The canister is designed to work with any of the Atlas Filtri DP BIG 20" housing. Other medias can be used as well to enhance the systems performance.

The Fluoride BIG Series cartridge is ideal for a wide range of residential, food service, commercial and industrial applications.

Atlas Filtri is driven to providing our customer with the best available products to meet specific filtration requirements. This is done by using the most advanced manufacturing and design methods. The international patents received come from a constant commitment to research and development that result in new and innovative products.

Check out more about Atlas Filtri at atlasfiltri.com.



Fluoride BIG double open-ended (DOE) configuration

Features

- 4.5" OD x 20" Canister
- Designed to reduce fluoride below 0.5 ppm
- Works on pH levels between 5 and 8.0
- 25 micron filtration
- Low pressure drop-Shorter flush time
- 40,000 Gallon Capacity @ 3 gpm
- Capacity up to 22,000 ppm Fluoride

Specifications

- **Materials:**
 - Filter media: Fine mesh activated alumina
 - End-caps: Polypropylene
 - Gaskets: SEBS with antimicrobial technology
 - Container: PET
 - Container Pad: Polyester
- **Working Conditions:**
 - Temperature Range: 39°F - 113°F (4°C - 45°C)

PRODUCT SPECIFICATION AND PERFORMANCE

Listed Fluoride BIG cartridges are standard double open-ended model

Part Number	Description	OD X Length Nominal	Micron Nominal	Initial Pressure Drop @ Flow Rate	Capacity
RE4520FLD	Fluoride BIG Cartridge	4.5" x 20"	25	3.8 psi @ 3 gpm (0.26 bar @ 11.36 lpm)	40,000 g @ 3 gpm (151,416 l @ 11.36 lpm)

Performance and capacity claims are based on independent and internal testing, and upon the filter cartridge being integrated with a complete system (i.e. filter, housing, fittings, tubing) connected to a regulated pressurized water source. The system must be operated according to system installation and operation manual, for proper installation and proper filter cartridge replacement process. It is essential to follow operational, maintenance and filter replacement procedures to ensure proper filter cartridge performance. The cartridge capacity may vary upon the of the inlet water conditions and according to flow rate and inlet line pressure, which may require more frequent filter cartridge replacement. The contaminants and substances reduced by this filter cartridge are not necessarily in user's water.

Do not use with water that is microbiologically unsafe or on unknown quality without adequate disinfection before or after the system. To start, flush the system for 5 minutes before use.

Suitable Filter Housings for Fluoride BIG 20" Filter Cartridges



See more models of DP BIG Series of housings at atlasfiltri.com



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