

## CB-AF CTO SERIES Carbon Block Filter Cartridges

Designed to reduce odor, chlorine and sediment and improve taste

Atlas Filtri<sup>®</sup> CB-AF CTO Series is a full range of 2.4" and 4.5" OD double open ended (DOE) filter cartridges, designed to perform at high flow rates with a very low pressure drop. It also has a high adsorptive capability and efficiently reduces contaminants, with high dirt holding capacity and shorter flush time. The filters are offered in 10" and 20" with a nominal filtration rate at 5 micron.

CB-AF CTO carbon block cartridges are ideal for a wide range of residential, food service, commercial and industrial applications.

Atlas Filtri is driven to providing our customers with the best available products to meet their 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 develop that result in new and innovative products.

Check out more about Atlas Filtri at [www.atlasfiltri.com](http://www.atlasfiltri.com)



### FEATURES

- 2.4" and 4.5" OD carbon blocks
- Double open ended models SX with lengths at 10" and 20"
- Reduction of Chlorine, Taste, Odor and Sediments
- 5 micron filtration
- Low pressure drop
- High dirt hold capacity
- Shorter flush time
- NSF/ANSI Component Certified
- Made in the USA

### SPECIFICATIONS

#### Materials:

Filter media: Coconut Shell Carbon  
End-caps: Polypropylene  
Gaskets: Trexprene  
Outer wrap: Polypropylene  
Netting: Polypropylene

#### Working conditions

Working temperature range:  
Min 39.2°F (4°C) - Max 125°F (52°C).

### CERTIFICATIONS



CB-AF series is tested and certified by NSF International against NSF/ANSI Standard 42 for materials requirements only.

**SX** Standard double open-ended (DOE) configuration.

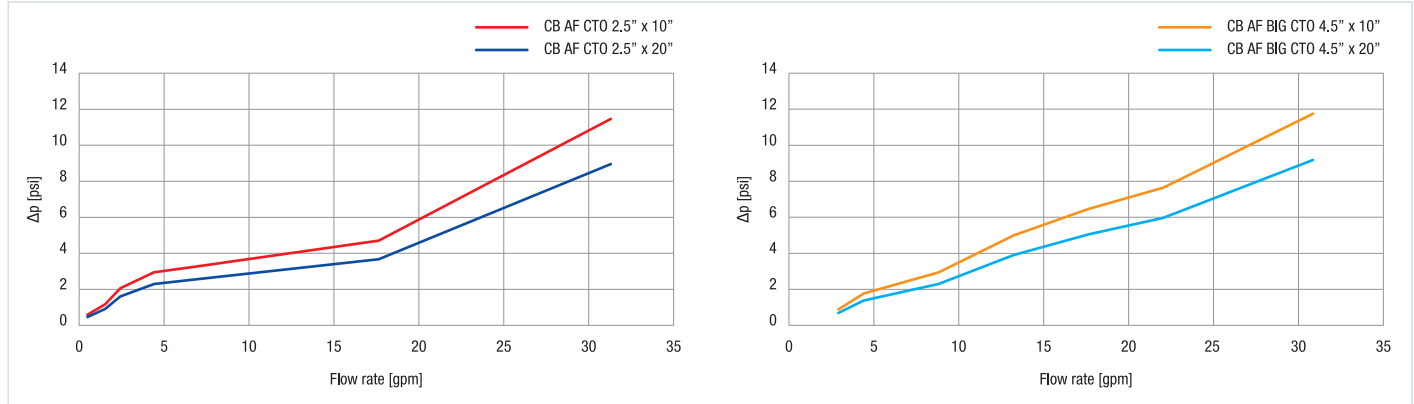


## PRODUCTS SPECIFICATIONS and PERFORMANCE

Listed CB-AF CTO are standard double open-ended models.

PART NO.	MODEL	OD X LENGTH NOMINAL	MICRON NOMINAL	INITIAL PRESSURE DROP @ FLOW RATE	REMOVAL CAPACITY
RE2510CT5	CB-AF CTO 10 SX 5 mcr	2.5" x 10"	5	1.0 psi @ 1.5 gpm (0.07 bar @ 5.7 lpm)	8,000 g @ 1 gpm (30,240 l @ 1.9 lpm)
RE2520CT5	CB-AF CTO 20 RT SX 5 mcr	2.5" x 20"	5	1.6 psi @ 2.5 gpm (0.14 bar @ 9.5 lpm)	16,000 g @ 2 gpm (60,480 l @ 7.6 lpm)
RE4510CT5	CB-AF BIG CTO 10 SX 5 mcr	4.5" x 10"	5	1.0 psi @ 2.9 gpm (0.07 bar @ 11.0 lpm)	16,000 g @ 3 gpm (60,480 l @ 11.4 lpm)
RE4520CT5	CB-AF BIG CTO 20 SX 5 mcr	4.5" x 20"	5	1.4 psi @ 4.5 gpm (0.10 bar @ 17.1 lpm)	34,000 g @ 7 gpm (128,520 l @ 26.6 lpm)

FLOW RATE vs PRESSURE DROP  $\Delta p$  | Testing mode: 68°F - 43.5 psi (20°C - 3 bar)



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 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 of unknown quality without adequate disinfection before and after the system. To start, flush the system for 5 minutes before use.*

## SUITABLE FILTER HOUSINGS

2.5" housings fit to CB-AF CTO filter cartridges (10" and 20")



4.5" housings fit to CB-AF CTO BIG filter cartridges (10" and 20")



See more models of DP, PLUS 3P and DP BIG series of housings on [www.atlasfiltri.com](http://www.atlasfiltri.com)



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