

CB-AF VOC Plus SERIES Carbon Block Filter Cartridges

Designed to reduce volatile organic compounds, cyst, chlorine, taste, odor and sediments

Atlas Filtri[®] CB-AF VOC Plus 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 low pressure drop. It also has a high adsorptive capability and efficiently reduces VOCs and other contaminants, with high dirt holding capacity and shorter flush time. The filters are offered in 10" and 20" with a nominal filtration rate at 0.5 micron.

CB-AF VOC Plus 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



FEATURES

- 2.4" and 4.5" OD carbon blocks
- Double open ended models SX with lengths at 10" and 20"
- Reduction of Volatile Organic Compounds and Cysts
- Reduction of Chlorine, Taste, Odor and Sediments
- 0.5 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.

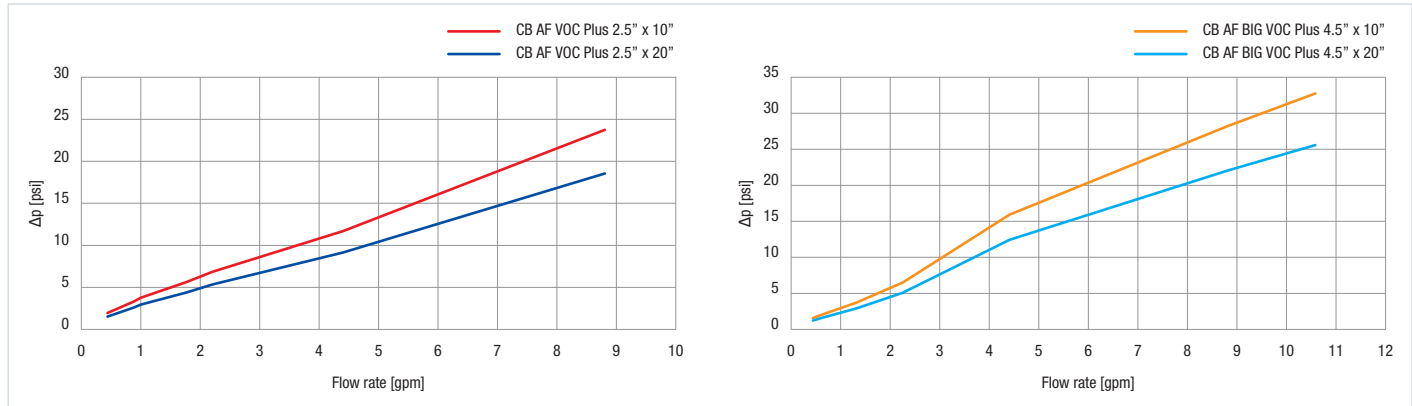


PRODUCTS SPECIFICATIONS and PERFORMANCE

Listed CB AF VOC Plus are standard double open-ended models.

PART NO.	MODEL	OD X LENGTH NOMINAL	MICRON NOMINAL	INITIAL PRESSURE DROP @ FLOW RATE	CAPACITY
RE2510V05	CB-AF VOC Plus 10 SX 0.5 mcr	2.5" x 10"	0.5	3.8 psi @ 1 gpm (0.26 bar @ 3.8 lpm)	20,000 g @ 1 gpm (75,600 l @ 3.8 lpm)
RE2520V05	CB-AF VOC Plus 20 RT SX 0.5 mcr	2.5" x 20"	0.5	5.2 psi @ 2 gpm (0.36 bar @ 7.6 lpm)	45,000 g @ 2 gpm (170,100 l @ 7.6 lpm)
RE4510V05	CB-AF BIG VOC Plus 10 SX 0.5 mcr	4.5" x 10"	0.5	7.0 psi @ 2.5 gpm (0.48 bar @ 9.5 lpm)	80,000 g @ 3 gpm (302,400 l @ 11.4 lpm)
RE4520V05	CB-AF BIG VOC Plus 20 SX 0.5 mcr	4.5" x 20"	0.5	11.0 psi @ 4.0 gpm (0.76 bar @ 15.2 lpm)	160,000 g @ 7 gpm (604,800 l @ 26.6 lpm)

FLOW RATE vs PRESSURE DROP Δp | 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 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 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 VOC Plus filter cartridges (10" and 20")



4.5" housings fit to CB AF BIG VOC Plus filter cartridges (10" and 20")



See more models of DP, PLUS 3P and DP BIG series of housings on www.atlasfiltri.com

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