



FX™ VOC Carbon Block Filters
VOC + Chlorine Taste and
Odour reduction

Features & Benefits

FX™ VOC carbon block filters are suitable for a wide range of Point of Use (POU), Point of Entry (POE), commercial and industrial applications. They feature:

- 5 micron nominal filtration.
- Exceptionally low pressure drop.
- High dirt holding capacity.
- Excellent chemical contaminant reduction.
- Enhanced VOC (Volatile Organic Compound reduction).

Green Advantage

Filtrex Technologies has been at the leading edge of activated carbon filtration since 1999. It is a company committed to Research and Development to advance filtration technology in an ecologically sound way.

FX™ VOC carbon blocks are made from 100% coconut shell carbon, a renewable, ecologically sustainable material. The carbon is processed into blocks using a unique binder system and proprietary manufacturing techniques to produce filters with a greater number of micro-pores, which display superior adsorption capacity and kinetic dynamics.

Green Quality

FX™ VOC carbon block filters are:

- Manufactured in ISO 9001 and 14001 certified facilities.
- Manufactured from NSF Standard 61 certified Coconut Shell Carbon.
- NSF Standard 42 certified (material safety).
- Performance validated by independent laboratories including WQA.
- Quality and performance is constantly monitored in Filtrex Technologies' extensive in-house laboratories.

Our experienced technical team can also assist customers in achieving independent certifications of their own for products manufactured for them by Filtrex Technologies.



Powered by EPC Catalytic
Carbon Technology

Standard Products

Fully finished **FX™ VOC** carbon block filter cartridges compatible with industry standard 10 inch and 20 inch open sump housings include:

Part Number	Part Name	OD x Length	Micron Rating (nominal)	Chlorine Taste and Odour Reduction Capacity	VOC Reduction Capacity
FEAA0402	FX10VOC	2 ¾" x 9 ¾" (70mm x 248mm)	5 microns	> 10,000 gallons @ 1 gpm > 38,000 litres @ 3.8 l/min	> 1,000 gallons @ 0.5 gpm > 3,800 litres @ 1.9 l/min
FEAA0408	FX20VOC	2 ¾" x 20" (70mm x 508mm)	5 microns	> 20,000 gallons @ 2 gpm > 76,000 litres @ 7.6 l/min	> 1,750 gallons @ 1 gpm > 6,650 litres @ 3.8 l/min
FEAA0424	FXB10VOC	4 ½" x 9 ¾" (114mm x 248mm)	5 microns	> 25,000 gallons @ 3 gpm > 95,000 litres @ 11.4 l/min	> 2,000 gallons @ 1.5 gpm > 7,600 litres @ 5.7 l/min
FEAA0413	FXB20VOC	4 ½" x 20" (114mm x 508mm)	5 microns	> 55,000 gallons @ 7 gpm > 209,000 litres @ 26.6 l/min	> 4,000 gallons @ 2 gpm > 15,200 litres @ 7.6 l/min

Performance claims are based on independent laboratory and manufacturer's internal test data. Actual performance is dependent on influent water quality, flow rates, system design and application. Results may vary. Micron ratings are based on >85% removal of the given particle size. Estimated capacity is based on >90% reduction of 2ppm of free chlorine.

Custom Products and Bespoke Solutions

Filtrex Technologies uses its **FX™ VOC** carbon block to produce a very wide range of bespoke filtration solutions for water treatment manufacturers and distributors around the world, including:

- Custom shapes:
 - Cylinders
 - Solid blocks
 - Domes
 - Discs
 - Candles
- Custom sizes. A wide range of ODs, IDs and length dimensions, from tiny discs just a few millimetres thick for sports bottles, to jumbo sized blocks for whole house and industrial applications.
- Custom end-caps in a variety of colours.
- Custom sealing mechanisms (gaskets, O-rings, and threads)
- Custom finishing options:
 - Sediment wraps
 - Netting
 - Bespoke packaging

Manufactured by:

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India

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FX10VOC, FX20VOC, FXB10VOC, and FXB20VOC have been tested and certified by NSF International against NSF/ANSI Standard 42 for materials requirements only.



FX10VOC, FX20VOC, FXB10VOC, and FXB20VOC have been tested and certified by WQA against NSF/ANSI Standard 42 for materials requirements only.



FX10VOC has been tested and certified by WQA against NSF/ANSI Standard 53 for VOC reduction and Particulate Class II reduction.

Do not use FX™ GreenBlock® filters on water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after.

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