Features & Benefits

- 5µm Nominal Filtration
- No Release of Carbon Fines
- Exceptionally Low Pressure Drop
- Manufactured from NSF Std 61 Certified Coconut Shell greencarbon™
- VOC Performance Validated by WQA*
- NSF Certified for Material Safety - Standard 42
- Industry Leading Performance at a Competitive Price

* FX10VOC tested by the Water Quality Association for VOC reduction as per NSF/ANSI Standard 53 protocol and particulate Class II reduction as per NSF/ANSI Standard 42 protocols

Filtrex Technologies is proud to be the first carbon block manufacturer to use NSF61 listed greencarbon™ developed by Global ECOCARB Pvt Ltd. This high performance coconut shell carbon is manufactured using a patented process that significantly reduces harmful Green House Gas Emissions.

FX-VOC greenblock® are made using high performance coconut shell greencarbon™ having more micro pores compared to other types of carbon and a unique binder system delivering a product with superior adsorption capacity and kinetic dynamics.

This combination of high performance carbon, unique binders and proprietary manufacturing processes delivers exceptionally low pressure drop, high dirt holding capacity and excellent contaminant reduction.

FX-VOC greenblock® are ideal for a wide range of POU, POE, commercial and industrial applications.

The Filtrex Advantage

- Competitive Pricing
- WQA and NSF Certified
- Environmentally Friendly
- More Carbon Surface Area
- Industry Leading Performance

FX - BRAND INSIDE THE BRANDSTM
### FX-VOC Standard Products

<table>
<thead>
<tr>
<th>Part Number</th>
<th>OD X Length</th>
<th>Nominal μm Rating</th>
<th>Chlorine, Taste, Odor Reduction Capacity @ Flow</th>
<th>VOC Capacity</th>
<th>Initial ΔP (psi) @ Flow Rate gpm*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FX10VOC</td>
<td>2-3/4&quot; X 9-3/4&quot; 70mm X 248mm</td>
<td>5</td>
<td>&gt;10,000 gallons @ 1gpm &gt; 38,000 liters @ 3.8 L/min</td>
<td>&gt;700 gallons @ 0.5gpm &gt; 28,000 liters @ 1.9 L/min</td>
<td>2.6psi @ 1gpm (.18 bar @ 3.8 L/min)</td>
</tr>
<tr>
<td>FX10VOC-TW</td>
<td>2-3/4&quot; X 9-3/4&quot; 70mm X 248mm</td>
<td>5</td>
<td>&gt;15,000 gallons @ 2gpm &gt; 57,000 liters @ 3.8 L/min</td>
<td>&gt;1,000 gallons @ 0.5gpm &gt; 3,800 liters @ 1.9 L/min</td>
<td>3.5psi @ 1gpm (.25 bar @ 3.8 L/min)</td>
</tr>
<tr>
<td>FX20VOC</td>
<td>2-3/4&quot; X 9-3/4&quot; 70mm X 248mm</td>
<td>5</td>
<td>&gt;20,000 gallons @ 2gpm &gt; 76,000 liters @ 7.6 L/min</td>
<td>&gt;1,750 gallons @ 1.0gpm &gt; 6,650 liters @ 3.8 L/min</td>
<td>2.6psi @ 2gpm (.18 bar @ 7.6 L/min)</td>
</tr>
<tr>
<td>FXB10VOC</td>
<td>4-1/2&quot; X 9-3/4&quot; 114mm X 248mm</td>
<td>5</td>
<td>&gt;25,000 gallons @ 3gpm &gt; 95,000 liters @ 11.4 L/min</td>
<td>&gt;2,000 gallons @ 1.5gpm &gt; 7,600 liters @ 5.7 L/min</td>
<td>4.0psi @ 3gpm (.28 bar @ 11.4 L/min)</td>
</tr>
<tr>
<td>FXB20VOC</td>
<td>4-1/2&quot; X 9-3/4&quot; 114mm X 248mm</td>
<td>5</td>
<td>&gt;55,000 gallons @ 7gpm &gt; 209,000 liters @ 26.6 L/min</td>
<td>&gt;4,000 gallons @ 2.0gpm &gt; 15,200 liters @ 7.6 L/min</td>
<td>6.0psi @ 7gpm (.43 bar @ 26.6 L/min)</td>
</tr>
</tbody>
</table>

### Custom Products

**Filtrex Technologies** specializes in Custom Carbon Blocks offering OEM clients endless filtration solutions:
- Custom Shapes
- Wide Range of OD, ID and Length Dimensions
- Custom End Caps with gaskets, O-ring and threaded seals
- Specialty Additives - Lead Scavengers, Antimicrobials
- Multiple Finishing Options - Sediment Wraps, Netting and End Cap Color, Packaging
- Experienced with NSF & WQA certification process for the reductions of - CL2, Particulate, VOC, Cyst & Lead.

### Material Used and Color Options

<table>
<thead>
<tr>
<th>Component</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon : NSF listed 61 Coconut Shell PAC</td>
<td>• Performance claims are based on independent lab results and manufacturer’s internal test data</td>
</tr>
<tr>
<td>End Caps : Polypropylene. Green, White or Black</td>
<td>• Actual performance is dependent on influent water quality, flow rates, system design and applications. Your results may vary</td>
</tr>
<tr>
<td>Inne/Outer Wraps : Polypropylene. Green or White</td>
<td>• Micron ratings based on 85% or greater removal of a given particle size</td>
</tr>
<tr>
<td>Nettings : Polyethylene. Green or White</td>
<td>• Estimated capacity using 2ppm free chlorine with greater than 90% reduction</td>
</tr>
<tr>
<td>Gaskets : NBR</td>
<td>• Performance data has not been tested or validated by NSF</td>
</tr>
<tr>
<td>Temperature Rating : 40°F to 180°F</td>
<td>• Flush new cartridges until water runs clear prior to use</td>
</tr>
</tbody>
</table>

**WARNING**: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

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**COCONUT SHELL BASED NSF 61 CERTIFIED**

**HIGH PERFORMANCE CARBON**

Filtrex Technologies Pvt Ltd
An ISO 9001 & ISO 14001 Company

**ecocarb PVT LTD**

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