Features & Benefits

MATRIKX® CTO®Plus carbon block filters are now powered by GREENBLOCK® technology. They feature:

- 1 micron nominal filtration.
- High capacity Chlorine reduction.*
- Exceptionally low pressure drop.
- High dirt holding capacity.
- Excellent chemical contaminant reduction.
- High Adsorptive Capacity and Efficiency.
- NSF and WQA certification for Material Safety.
- California Prop. 65 compliance.

*Based on manufacturer’s internal testing.

Green Advantage

KX Technologies® and Filtrex Technologies®, both Marmon Water/Berkshire Hathaway companies, have teamed up to combine the very best of their MATRIKX® and GREENBLOCK® carbon block lines, into a single world class product offering. The new and improved product line is the result of decades of experience in R&D, design, formulation, and manufacture of high-performance carbon block filters.

MATRIKX® CTO®Plus filters, powered by GREENBLOCK®, are made from 100% coconut shell carbon, a renewable, and 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 and available carbon surface area, which display superior adsorption capacity and kinetic dynamics.

The companies are committed to Research and Development to advance filtration technology in an ecologically sound way.

Green Quality

MATRIKX® CTO®Plus, powered by GREENBLOCK®, carbon block filters are:

- Manufactured in ISO 9001 and 14001 accredited facilities.
- Manufactured from NSF/ANSI standard 61 certified coconut shell carbon.
- NSF/ANSI Standard 42 certified (material safety).
- Performance validated by independent laboratories.
- Quality and performance monitored in extensive in-house laboratories.
Carbon Block Filters for Chlorine Taste and Odor and VOC reduction

Standard Products

Fully finished MATRIKX® CTO®Plus, powered by GREENBLOCK®, carbon block filter cartridges are compatible with industry standard 10 inch and 20 inch open sump housings:

<table>
<thead>
<tr>
<th>KX Technologies Part Number</th>
<th>OD x Length</th>
<th>Micron Rating (nominal)</th>
<th>Chlorine Taste and Odour Reduction Capacity*</th>
<th>VOC Reduction Capacity*</th>
<th>Pressure Drop Spec*</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-250-10-GREEN</td>
<td>2 ¾ &quot; x 9 7/8&quot; (70mm x 248mm)</td>
<td>1 micron</td>
<td>&gt;20,000 gallons @ 1gpm&lt;br/&gt;&gt;76,000 litres @ 3.8 l/min</td>
<td>&gt;500 gallons @ 0.5gpm&lt;br/&gt;&gt;1,900 litres @ 1.9 l/min</td>
<td>3.5 psid @ 1gpm</td>
</tr>
<tr>
<td>01-250-20-GREEN</td>
<td>2 ¾ &quot; x 20&quot; (70mm x 508mm)</td>
<td>1 micron</td>
<td>&gt;45,000 gallons @ 2gpm&lt;br/&gt;&gt;171,000 litres @ 7.6 l/min</td>
<td>&gt;1,750 gallons @ 1gpm&lt;br/&gt;&gt;6,650 litres @ 3.8 l/min</td>
<td>4.5 psid @ 2gpm</td>
</tr>
<tr>
<td>01-450-10-GREEN</td>
<td>4 ½ &quot; x 9 7/8&quot; (114mm x 248mm)</td>
<td>1 micron</td>
<td>&gt;80,000 gallons @ 3gpm&lt;br/&gt;&gt;304,000 litres @ 11.4 l/min</td>
<td>&gt;2,000 gallons @ 1.5gpm&lt;br/&gt;&gt;7,600 litres @ 5.7 l/min</td>
<td>7.0 psid @ 3gpm</td>
</tr>
<tr>
<td>01-450-20-GREEN</td>
<td>4 ½ &quot; x 20&quot; (114mm x 508mm)</td>
<td>1 micron</td>
<td>&gt;160,000 gallons @ 7gpm&lt;br/&gt;&gt;608,000 gallons @ 26.6 l/min</td>
<td>&gt;4,000 gallons @ 2gpm&lt;br/&gt;&gt;15,200 litres @ 7.5 l/min</td>
<td>16.0 psid @ 7gpm</td>
</tr>
</tbody>
</table>

*Not performance tested or certified by NSF or WQA. 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.

Notes

**Important Notice:** Performance claims are based on a complete system, including a filter, housing, and connection to a pressurized water source. This filter must be placed in an appropriate system, and operated according to the system’s specifications in order to deliver the claimed performance. It is essential to follow operational, maintenance, and filter replacement requirements, as directed for each application, for this filter and system to perform correctly. Read the Manufacturer’s Performance Data Sheet accompanying the system and change the filter as suggested. The contaminants or other substances removed or reduced by this water filter are not necessarily in all users’ water.

1. Performance of a given MATRIKX® carbon filter varies in direct proportion to the total weight of carbon in each filter. Projected chlorine taste and odor reduction capacity when tested in accordance with NSF/ANSI Standard 42 protocol. 3. Nominal particulate rating is for >85% of a given size as determined from single-pass particle counting results. 4. Absolute particulate rating is for >99.9% of particles of a given size as determined from single-pass particle counting results. ** 5. Actual results obtained will vary with various combinations of organic contaminants, changes in pH or other conditions encountered in actual use. All information presented here is based on data believed to be reliable. It is offered for evaluation and verification, but is not to be considered a warranty of any kind. 7. MATRIKX® CTO®Plus filters are designed to fit most standard household and commercial or industrial housings. 8. Contact Filtrex Technologies Pvt. Ltd or KX Technologies LLC to check filter replacement requirements, as directed for each application.

The filter cartridge is tested and certified by NSF International against NSF/ANSI Standard 42 for material safety requirements only.

This filter cartridge is certified by the Water Quality Association against NSF/ANSI Standard 53 for sustainability.

**LIMITED LIABILITY**

Filtrex Technologies Pvt. Ltd/KX Technologies LLC’s obligation shall be limited solely to the refund of the purchase price or replacement of the product proven defective, in Filtrex Technologies Pvt. Ltd/KX Technologies LLC’s sole discretion. Determination of suitability of this product for uses and applications contemplated by Buyer shall be the sole responsibility of Buyer. Use of this product constitutes Buyer’s acceptance of this Limited Liability.

**WARNINGS**

Minimum Operating Temperature: 40°F/4°C
Maximum Operating Temperature: 125°F/52°C
Minimum Operating Pressure: 20 psig/1.38 bar
Maximum Operating Pressure: 250 psig/17 bar
Maximum Differential Pressure: 100 psid/6.895 bar
Collapse Pressure: 200 psig/13.79 bar
MATRIKX® CTO®Plus, powered by GREENBLOCK®, filters are not to be autoclaved or steam-sterilized. Use MATRIKX® CTO®Plus, powered by GREENBLOCK®, carbon filters only with microbiologically safe and adequately disinfected water.

Manufactured by:

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