Chlorine Taste & Odor Reduction Filter

FEATURES & BENEFITS

- 5 µm Nominal Filtration
- High Adsorptive Capacity and Efficiency
- Efficient Sediment Filter
- Competitively Priced vs. GAC filters

TYPICAL USAGES

MATRIXX® CTO® filters are the most recognized carbon block devices in the world and provide previously unattainable performance. MATRIXX® CTO® filters simultaneously remove chlorine taste and odor and organic chemicals that contribute to taste and odor while providing the particulate filtration and dirt-holding capacity of an efficient 5 µm nominal sediment filter. These filters are optimized for applications where they perform the role of both a sediment and activated carbon filter.

TECHNICAL SPECIFICATIONS AND ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Part No.</th>
<th>O.D. x Length (nominal)</th>
<th>Chlorine Taste &amp; Odor Reduction Capacity @ Flow</th>
<th>Nominal µm Rating</th>
<th>Initial ΔP @ Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-250-125-975</td>
<td>2.50&quot; x 10&quot;</td>
<td>&gt;6,000 gal. @ 1.0 GPM &gt;22,000 liters @ 3.8 LPM</td>
<td>5 µm</td>
<td>2.0 psid @ 1.0 GPM 0.14 bar @ 3.8 LPM</td>
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<tr>
<td>CT250125100A001</td>
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<tr>
<td>32-250-125-20</td>
<td>2.50&quot; x 20&quot;</td>
<td>&gt;12,000 gal. @ 2.0 GPM &gt;45,000 liters @ 7.6 LPM</td>
<td>5 µm</td>
<td>2.0 psid @ 2.0 GPM 0.14 bar @ 7.6 LPM</td>
</tr>
<tr>
<td>CT250125200A001</td>
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<tr>
<td>32-425-125-975</td>
<td>4.25&quot; x 10&quot;</td>
<td>&gt;12,000 gal. @ 3.0 GPM &gt;45,000 liters @ 11.4 LPM</td>
<td>5 µm</td>
<td>4.0 psid @ 3.5 GPM 0.28 bar @ 13.2 LPM</td>
</tr>
<tr>
<td>32-425-125-20</td>
<td>4.25&quot; x 20&quot;</td>
<td>&gt;26,000 gal. @ 7.0 GPM &gt;98,000 liters @ 26.5 LPM</td>
<td>5 µm</td>
<td>4.5 psid @ 7.0 GPM 0.31 bar @ 26.5 LPM</td>
</tr>
</tbody>
</table>

KX®’s proprietary extrusion process allows the production of a carbon block with more carbon, but a lower pressure drop. This enables a MATRIXX® CTO® filter to deliver extended life while removing sediment, chlorine taste and odor and organic contaminants from water, aqueous solutions or suspensions. The MATRIXX® CTO® is also widely used in filtering organic solvents. The MATRIXX® CTO® is ideal for use in residential and commercial water purification systems, food service, pre- and post-RO systems.

The MATRIXX® CTO® is manufactured from high purity activated carbon which meets the regulatory requirements put into place by California Proposition 65. Its dirt-holding capacity and the absence of carbon fines makes the MATRIXX® CTO® the filter of choice. A superior carbon block, MATRIXX® CTO® combines both high performance and integrity with an exceptional cost-to-performance value. As a result, MATRIXX® CTO® virtually renders GAC filters obsolete by comparison.
ORDER INFORMATION
To order, contact an authorized Master Stocking Distributor (no factory-direct ordering or shipping).

EXTRUDED CARBON = EXCEPTIONAL VALUE
MATRIXX® CTO filters consist of activated carbon particles fused into a uniform block with enhanced adsorptive capacity and efficiency. MATRIXX® CTO filters flow in a radial (outside-to-inside) direction, providing increased dirt-holding capacity and low pressure drop. Unlike granular activated carbon (GAC) filters, MATRIXX® CTO cartridges will not channel or bypass due to the extreme uniformity of their extruded activated carbon core. Service life of the MATRIXX® CTO filter is greatly extended by a prefiltration medium.

- No channeling
- No fluidizing
- No bypassing
- Lowest extractables, pure materials of construction
- Maximum service life and resistance to fouling
- Manufactured using FDA-compliant materials
- Color coded molded one-piece gasket and end cap

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.

NOTES
1. Projected chlorine taste and odor reduction capacity when tested in accordance with NSF/ANSI Standard 42 protocol.
2. Nominal particulate rating (5 μm) is for >85% of a given size as determined from single-pass particle counting results.
3. Absolute particulate rating (10 μm) is for >99.9% of particles of a given size as determined from single-pass particle counting results.
4. Actual results obtained will vary with various combinations of organic contaminants, changes in pH or other conditions encountered in actual use.
5. 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.
6. MATRIXX® CTO filters are designed to fit most standard household and commercial or industrial housings.
7. This cartridge must be placed in an appropriate housing and flushed for a minimum of 5 minutes prior to use.
8. It is recommended that the filter be replaced when the flow is reduced or at least once a year.

Nominal Filter Rating: Filter rating indicating the approximate size particle, the majority of which will not pass through the filter. It is generally interpreted as meaning that 85% of the particles of the size equal to the nominal micron rating will be retained by the filter. (WQA Glossary of Terms, Third Edition, 3-97).

Absolute Filter Rating: Filter rating meaning that 99.9% (or essentially all) of the particles larger than a specific micron rating will be trapped on or within the filter. (WQA Glossary of Terms, Third Edition, 3-97).

WARNINGS
Maximum Operating Temperature: 125°F/51.6°C
Maximum Operating Pressure: 250 psi/17.24 bar
Maximum Differential Pressure: 100 psi/6.895 bar
Collapse Pressure: 200 psi/13.79 bar

MATRIXX® CTO filters are not to be autoclaved or steam-sterilized. Use MATRIXX® CTO carbon filters only with microbiologically safe and adequately disinfected water.

LIMITED LIABILITY
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This product is covered by one or more of the following United States Patents: 5,075,171; 1,142,722; 1,190,292; 1,124,068; 5,327,281; 1,122,080; 5,186,162; 5,01; 5,821; 5,821; 5,821; and applicable foreign equivalents.
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