POU **IN-LINE** FILTER CARTRIDGE FOR ARSENIC REDUCTION

*The Ultimate In-Line Solution*

The AdVantEdge Model AD2X10C 10 inch in-line filter cartridge is a unique combination of Adedge Technologies Bayoxide® arsenic reduction media and granular activated carbon which allows for arsenic reduction and better tasting water at the point-of-use. This product uniquely combines high efficiency arsenic reduction and taste/odor capabilities for a practical and cost-effective solution at the tap. AdVantEdge’s design utilizes the AdEdge proprietary granular ferric iron oxide adsorption media for long life and unparalleled performance to meet the challenges of the 10 micrograms per liter (µg/l) drinking water standard for arsenic established by EPA. The product effectively reduces both Arsenic (V) and Arsenic (III) without pre-oxidation. Ideal applications include use as an RO post filter, ice maker filters and other potable applications.

**CARTRIDGE PERFORMANCE**

**Applications**
Up to 50 µg/l of arsenic, rated flow 0.5 gpm, pH 6.5-8.5. Ideal for RO systems and food & beverage applications.

**Arsenic Reduction**
Use as post filter for reduction of up to 99% of total Arsenic; Effective for both As (III) & As (V).

**Capacity**
600 gallons (no RO); 4-6 times longer life than other commercial adsorption options.
800 gallons (post RO); based on application (consult AdVantEdge or your dealer for specific details)

**Contaminants**
Arsenic, chlorine, taste, and odor reduction.

**Certifications**
NSF 61 product listing on Media (see AdEdge for details).

**Components**
FDA listed components

**Extractables**
Imparts no harmful chemicals into the treated product water

**TECHNICAL SPECIFICATIONS**

**General Specifications**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Media type(s)</th>
<th>Contaminant Reduction</th>
<th>Cartridge Life</th>
<th>Cartridge shell</th>
<th>Pressure drop</th>
<th>Fittings</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x 10 inch</td>
<td>Bayoxide® and GAC</td>
<td>Arsenic, Chlorine reduction, Taste/odor</td>
<td>800 gallons post RO; 600 gallons non RO</td>
<td>FDA grade Polyethylene</td>
<td>&lt; 8 psi @ 0.5 gpm</td>
<td>¼ inch FNPT or Quick Connect® Fittings – consult your AdVantEdge Distributor for details</td>
</tr>
</tbody>
</table>

**Recommended Water Quality for Best Performance**

<table>
<thead>
<tr>
<th>pH</th>
<th>Arsenic</th>
<th>Phosphate</th>
<th>Iron</th>
<th>Silica</th>
<th>Sulfides</th>
<th>Manganese</th>
<th>Sulfate</th>
<th>Fluoride</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.5 – 8.5</td>
<td>&lt; 50 µg/l</td>
<td>&lt; 0.5 mg/l</td>
<td>&lt; 0.5 mg/l</td>
<td>&lt; 30 mg/l</td>
<td>&lt; 0.1 mg/l</td>
<td>&lt; 0.05 mg/l</td>
<td>&lt; 100 mg/l</td>
<td>&lt; 1 mg/l</td>
</tr>
</tbody>
</table>

**Model: AD2X10C**

Bayoxide® E33 is a registered trademark of LANXESS Deutschland GmbH.