

# POU CARTRIDGE FOR ARSENIC REDUCTION

*Point-of-Use Arsenic, Chlorine, Taste & Odor Solution*

The AdVantEdge Model AD2710C 10 inch cartridge is designed to treat up to 50 µg/l of total arsenic to less than 10 µg/l with a typical one year life (based on pH 8.5, Arsenic (V) challenges using NSF 53 protocols). This unique combination of AdEdge Technologies AD33L arsenic reduction media and granular activated carbon 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 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 the EPA. The product effectively reduces both Arsenic (V) and Arsenic (III) without pre-oxidation. Ideal applications include under-counter and countertop POU systems.

**Model:  
AD2710C**



## CARTRIDGE PERFORMANCE

<b>Applications</b>	Up to 50 µg/l of arsenic, rated flow 0.5 gpm, pH 6.5-8.5. Ideal for under-counter or countertop POU systems.
<b>Arsenic Reduction Capacity</b>	Reduction of up to 99% of total Arsenic. Effective for both As (III) & As (V). 800 gallons (approx. 1 year); 4-6 times longer life than other commercial adsorption options (conservative rating at pH 8.5).
<b>Contaminants Certifications</b>	Arsenic, chlorine, taste, and odor reduction. NSF 61 product listing on Media (see AdEdge for details).
<b>Components Extractables</b>	FDA listed components Imparts no harmful chemicals into the treated product water

## TECHNICAL SPECIFICATIONS

<b>General Specifications</b>	<b>Model AD2710C</b>
Dimensions	2.75 x 9.75 inch
Media type(s)	Bayoxide® E33 and GAC
Contaminant Reduction	Arsenic, Chlorine reduction, Taste/odor
Cartridge Life	800 gallons or 1 year
Cartridge Shell	FDA grade Polyethylene
Micron Rating	25 Micron Nominal
Pressure Drop	< 8 psi @ 0.5 gpm
Fittings	Fits most convention housings – consult your AdVantEdge Distributor for details

### **Recommended Water Quality for Best Performance**

pH	6.5 – 8.5	Arsenic	< 50 µg/l	Phosphate	< 0.5 mg/l
Iron	< 0.5 mg/l	Silica	< 30 mg/l	Sulfides	< 0.1 mg/l
Manganese	< 0.05 mg/l	Sulfate	< 100 mg/l	Fluoride	< 1 mg/l

#### **Note:**

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

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