

POINT OF USE (POU) CARTRIDGE FOR IRON AND MANGANESE REDUCTION

The Ultimate Point-of-Use System

AdEdge Technologies, Inc. (AdEdge) is introducing a multi-functional POU cartridge for iron and manganese reduction. This product contains highly effective media for practical and cost-effective solutions at the tap. AdEdge's design utilizes a proprietary adsorption media for long life and unparalleled performance. Ideal applications include under-counter and countertop POU systems; often used as a pre-filter to AdEdge's other POU products. Iron and manganese contamination often results in either rust-color or black stains. High iron or manganese concentrations can also lead to premature failure of other high performance cartridges.



CARTRIDGE PERFORMANCE

Applications	Under-counter or countertop POU systems with up to 3 mg/l Fe and 0.5 mg/l Mn; rated flow 0.5 gpm; pH range 6.0-9.0.
Treatment Goal	<0.3 mg/l of Fe; <0.05 mg/l Mn
Capacity	800 gallons (about one year); 4-6 times longer useful life in comparison with other commercial adsorption options (conservative rating at pH 9.0).
Certifications	NSF 61 product listing on media (see AdEdge for details).
Components	FDA listed components.
Secondary Benefits	Effective pre-filter for high iron and manganese source water that also has high arsenic and sulfide.
Extractables	Imparts no harmful chemicals into the treated product water.

AdEdge's Model Adox2710 10-inch cartridge is designed to treat up to 3 mg/L Fe to less than 0.3 mg/l, and 0.5 mg/l Mn to less than 0.05 mg/L with a typical one year operating life. Combined with an AdEdge's AD2710S arsenic reduction cartridge, the unique combination of filters will treat 800 gallons of water (approximately one year).

TECHNICAL SPECIFICATIONS

General Specifications	Model Adox2710		
Dimensions	2.75 x 9.75-inch		
Media type	Proprietary		
Contaminant Reduction	Iron and manganese		
Cartridge Life	800 gallons		
Cartridge shell	FDA grade polyethylene		
Micron rating	25 micron nominal		
Pressure drop	< 8 psi @ 0.5 gpm		
Housings	Fits most conventional housings – consult your AdEdge distributor for details		
Recommended Water Quality for Best Performance			
pH	6.0 – 9.0	Iron	up to 3 mg/l
Phosphate	< 0.5 mg/l	Manganese	up to 0.5 mg/l
		Silica	< 30 mg/l
		Sulfides	< 0.1 mg/l

Contact your local dealer:



**Model:
Adox2710**

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