

POU CARTRIDGE FOR IRON & MANGANESE

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



CARTRIDGE PERFORMANCE

Applications	Up to 3 mg/l of Fe and 0.5 mg/l of Mn, rated flow 0.5 gpm, pH 6.0-9.0 Ideal for under-counter or countertop POU systems.
Iron & Manganese Treatment Goal	<0.3 mg/l of Fe; <0.05 mg/L Mn
Capacity	800 gallons approx. 1 year - 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 many high Fe & Mn source waters that also have high arsenic and sulfide levels
Extractables	Imparts no harmful chemicals into the treated product water

The Adedge Technologies 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 1 year operating life. Combined with an Adedge Technologies AD2710S arsenic reduction cartridge, the unique combination of filters will allow for 800 gallons (approximately 1 year) of treated water.

TECHNICAL SPECIFICATIONS

General Specifications	Model Adox2710	
Dimensions	2.75 x 9.75-inch	
Media type(s)	Proprietary	
Contaminant Reduction	Iron & 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	Manganese up to 0.5 mg/l
Phosphate < 0.5 mg/l	Silica < 30 mg/l	Sulfides < 0.1 mg/l

Contact your local dealer:



**Model:
Adox2710**

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