




AD26 Treatment Systems For Arsenic, Iron, Manganese and Hydrogen Sulfide Removal



AdEdge Technologies, Inc. (AdEdge) is known as one of the leading companies for providing water treatment solutions to small water systems. Our systems provide a new level of quality, simplicity and the most cost effective options in the market place. These packaged and pre-engineered treatment systems are based on years of experience and specifically designed for removal of arsenic, iron, manganese and hydrogen sulfide. The systems can utilize AdEdge's AD26 media for reliable, simple, and cost-effective treatment. Our technologies can operate over a wide range of water quality, and do not require any regeneration chemicals, salts, or potassium permanganate additions. Only periodic backwashing is required and extended media life of 10+ years can be expected. Treatment scenarios can be modified for varying water-quality parameters.

Benefits include:

- ◆ Highest flow rates typically 10-15 gpm/ft²
- ◆ Completely pre-packaged or pre-designed modular systems for ease of use;
- ◆ Minimal site engineering for simple permitting and "plug and play" installation;
- ◆ High oxidation performance media: Faster kinetics – Greater capacity;
- ◆ Typically 95%-99% iron removal efficiency-99% removal efficiency for manganese;
- ◆ H₂S capacity 10.99 ounces/ft³
- ◆ Proven, reliable treatment without the hassle of potassium permanganate;
- ◆ Less media required -smaller footprints;
- ◆ Long product life 10+ years

Features include:

- ◆ Highest % of MnO₂ media; >80%;
- ◆ High hardness, low fines and low attrition;
- ◆ Custom options for adsorbers available in composite or carbon steel;
- ◆ Automatic controls with LCD display/readout or optional PLC and touch screen interface;
- ◆ Series or parallel configuration;
- ◆ Automatic or manual valve designs;
- ◆ Recycle backwash systems;
- ◆ NSF 61 listed

System Applications

- ◆ Community Drinking Water Systems;
- ◆ Non-Transient, Non-Community Systems;
- ◆ Remediation and Industrial Treatment

Ask Adedge

- ◆ Permitting assistance;
- ◆ Financing options;
- ◆ Installation and start-up training

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Manage the Elements...

