

## **McKay's Chemical Free I&O Filter**

The McKay's Chemical Free Iron and Odor Filter is a low maintenance iron removal system that uses the natural power of oxygen that is in our air to help reduce Iron, Sulfur and Manganese. Also works for reducing some organics.

Oxygen in the air changes iron to rust particles that are filtered out.

Oxygen in the air converts "ROTTEN EGG" odor into harmless sulfur products that are also filtered out.

Oxygen in the air eliminates the need for chemical feed pumps, no more mixing of chemicals like Chlorine, Hydrogen Peroxide or Potassium Permanganate.

Environmentally responsible and safe for septic systems.

Powerful digital display with user-friendly electronics.

No air compressor means fewer parts = Fewer problems.

Customize settings to your family's needs.

Bypass valve provides the convenience of bypassing the water filter for service.

Corrosion resistant control valve body and tanks for a longer life.

All internal components are lead-free.

### **How Does the McKay's Chemical Free I&O Filter Work?**

Untreated water enters through the top of the tank splattering off the deflector in the top of the tank through a head of air in the top of the tank oxidizing the various dissolved minerals in your water such as iron and manganese converting them into particles that can be filtered out by the filter media.

Particles are then captured by the filter media as the water passes through.

During regeneration the captured particles are flushed to drain during the initial backwash cycle. A fresh charge of air is drawn through during the draw regeneration cycle to reclaim the media bed. Then a short fast rinse cycle to repack the bed of media.

### **Benefits of the McKay's Chemical Free I&O Filter**

Prolongs the life of your water softener and other filtration systems.

Water using appliances last longer due to cleaner water.

Clothing will be brighter and cleaner while using less chemicals for cleaning.