

Iron and Sulphur are two of the most common elements found in nature, while both are extremely important for every day life, both are a nuisance in water and can cost you money and frustration.

Iron staining is a common problem in homes today. It causes orange staining on fixtures, as well as dingy clothes and sometimes can have negative effects on both hair and skin. Sulfur is easily detected by the presence of a "rotten egg" odor, and is sometimes associated with yellow staining.

All of these problems
can be eliminated with the
Nelsen AlO™ Air Injection
Oxidizing Filtration System.



for Iron and Sulphur Removal

Protect your Appliances

By reducing the iron and sulphur buildup in your water your appliances will last longer. Rust and slime buildup make your appliances work harder and less efficiently, requiring more maintenance or replacement.



Using Nature's Own Process

These naturally occurring elements

can be removed using nature's own process of oxidation. The Nelsen AlO™ maintains an "air pocket" in the top of the tank while the system is in service. As water passes thru the air pocket, iron and sulphur are oxidized. The Nelsen AlO™ filter media bed then removes the oxidized iron and sulphur from the water. Additionally, dissolved oxygen is added to the water.

Efficient and
Chemical Free

System, as a single tank system, is an efficient and cost effective system. The need for additional equipment... air tanks, feed pumps, or harsh chemicals (like those used in Manganese Greensand Systems) is

virtually eliminated!*

The Nelsen AlO™ Air Injection Filter

Proven Technology

The Nelsen AlO™ system includes the Fleck 2510AlO SXT electronic control valve that automatically backwashes the system to clean the media and flush everything down the drain. By utilizing a patented

piston in the control valve, the Nelsen AlO™ is able to put the whole oxidation process inside one tank, keeping maintenance costs and down time to a minimum.

Made by Fleck, a leading manufacturer of control valves in the US, the digital control valve allows for ease of setup and automatic operation.

The Nelsen AlO™ can remove up to 8 ppm Hydrogen Sulfide and up to 7 ppm Iron. A daily backwash will remove accumulated iron and replenish the filter

media bed. The regeneration process also adds a fresh air pocket to the system.



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* Will not remove calcium or hardness from water, there may be a need for a water softener after the Nelsen AlO™.