



# Iron / Sulfur Aeration Filtration



## How AERATION Works

- Uses the air we breathe to clean
- No harmful chemicals used
- Removes Iron / Sulfur / Manganese / Adjusts low pH
- Improves taste
- No more Staining on Clothes or Fixtures
- Reduces Spots on Dishes & Fixtures
- Extends Fabric Life

**Filter your water for healthier living!**

CSI Aeration systems improve water quality through a natural, chemical-free process. The technology works by introducing oxygen to the water, which causes dissolved contaminants like iron, manganese, and hydrogen sulfide gas (which causes a sulfur or “rotten egg” smell) to oxidize. This process changes them from their dissolved state into solid particles that can be easily removed by a subsequent filtration system. This approach safely and effectively provides clean, fresh-tasting water for your home.

## WHICH AERATION SYSTEM IS RIGHT FOR YOU?

### SIDEKICK Filter

- Simplicity of a single tank aeration system that can be used with any type of well pump system (standard submersible, constant pressure, jet pump)
- Air is injected into the top of the tank converting ferrous iron to ferric iron after untreated water has passed through the control valve preventing the control valve from fouling with iron
- Air draw cycle can be initiated without a backwash cycle saving 1000's of gallons of water annually.
- The control valve slowly releases compressed air charge prior to backwash cycle eliminating the explosive blast that can dislodge the drain line on competitors systems
- Ozone Complete option for chemical free iron and sulfur bacteria control

THE SIDEKICK 'S' FILTER IS ALSO AVAILABLE FOR SULFUR ONLY



### SIDEKICK Ozone Complete



#### For chemical free iron and sulfur bacteria control

Controlled directly from the valve head, no external relay required. Unlike chlorine, ozone dissipates before ever reaching the septic tank. Improved oxidation during regeneration and air refresh cycles reducing the risk of bacteria growth in the tank.

- First in the industry to include an air dryer for excellent ozone production
- Controlled directly from the valve head, no external relay required
- Eliminates need for chemical feed
- Dissipates before ever reaching septic tank, unlike chlorine
- Environmentally friendly
- Improves oxidation during regeneration and air refresh cycles
- Reduces the risk of bacteria growth in the tank

CSI Water specializes in advanced water treatment technologies, providing a comprehensive range of iron and sulfur filtration systems. Following a thorough analysis of your water chemistry, we can precisely recommend a tailored filtration solution designed to mitigate specific contaminants. This ensures the most effective and efficient treatment for your unique water quality issues.



## NITRO Filter

- Simplicity of a single tank aeration system that can be used with any type of well pump system (standard submersible, constant pressure, jet pump)
- Precise external air injection directly into the top of media tank to help reduce control valve fouling & for ease of service
- Air draw cycle can be initiated without a backwash cycle saving 1000's of gallons of water annually.
- The control valve slowly releases compressed air charge prior to backwash cycle eliminating the explosive blast that can dislodge the drain line on competitors systems

THE NITRO 'S' FILTER IS ALSO AVAILABLE FOR SULFUR ONLY

Aeration systems improve water quality using a chemical-free process. By exposing water to oxygen, the systems oxidize dissolved minerals like iron and manganese, converting them into a filterable state to prevent staining. This process also strips volatile gases, such as hydrogen sulfide, which eliminates unpleasant tastes and odors.

## REACTR™ Filter

- Easy programming to adjust time and system settings
- Ideal for removal of higher levels of iron, manganese, and sulfur
- Includes separate aeration tank for longer contact time
- Oxy-Clean option for iron and sulfur bacteria control

ReactR VS Filter Also available



## ZAPPR - Radon Aeration Filter

- 99% Radon Removal
- Stream-line modular design
- Proprietary Quadtrain air injector nozzle with flow rates of 2.5 – 10 gallons (can also be custom configured based on well capacity)
- Turbulence ensures radon in water gets released
- Force of blower ensures radon gas is safely vented outside
- Transducer monitors water flow
- Controller will cycle pump off and on as needed to ensure clean water for your home

**7-Year Limited Factory Warranty  
on all Signature Series Valves**



**WATER TREATMENT SYSTEMS**

**ALL SIGNATURE CONTROL VALVES FEATURE LEGACY VIEW**

**LEGACY  
VIEW**

SETUP

CONTROL

VIEW HISTORY

MODIFY SETTINGS

MONITOR WATER USAGE



**Legacy View App makes setting up and monitoring your CSI Water Treatment System easier than ever. When used with a Legacy View Valve the user can do the following functions:**

- Conveniently view all valve settings and status
- Easily change valve settings
- View current water usage information, as well as history of water usage
- Graphically view water usage information
- Start a regeneration or backwash cycle from your phone or tablet
- Set / view the servicing water treatment dealer information
- Better understand how your system is working and how to tweak the settings

**CSI WATER TREATMENT**

**[www.csiwater.com](http://www.csiwater.com)**

**419.281.6829**

One or more features of this product are covered by U.S. patents, visit <http://csih2o.com/patents.php> for more information.