6-STAGE WELL WATER SYSTEM

Salt-free Oxygen Injection System

6-Stage Well Water
Filtration & Conditioning System



IRON / SULFUR / MANGANESE

The Ultimate Chemical-Free Solution for the Removal of Iron and Sulfur

Removes or reduces:

- Up to 8 ppm Iron
- Up to 7 ppm Hydrogen Sulfide
- Manganese
- Radionuclides
- Arsenic
- Heavy Metals

Freedom Water Systems
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IRON/SULFUR/MANGANESE O2 INJECTION SERIES

Well water, conditioned.

Iron and sulfur are common nuisances in households using well water. These elements can cause orange and yellow staining on appliances, bathroom fixtures, laundry and more. Sulfur can even overwhelm your home with the smell of rotten eggs.

The “Freedom Iron/Sulfur/Manganese O2 Injection Series” removes or reduces iron, sulfur, and manganese and prevents hard water scale formation WITHOUT SALT! Management of scale buildup from hard water greatly extends the life of plumbing and appliances throughout an entire home, saving money on costly replacement and repairs. Most importantly, our systems will provide your family with consistent quality water for many years, and we back it up with a 10-year limited warranty and 30-day money back guarantee.

This system is maintenance-free, without salt or periodic filter changes. It is also completely safe to use with septic systems, unlike salt-based water softening systems.

Specifications

Specification	FW-SPS-ISM-1354	FW-SPS-ISM-1054
Filtration	6-stage filtration	6-stage filtration
Bathrooms	Treats up to 6 bathrooms	Treats up to 4 bathrooms
Capacity	≈2,000,000 gallon capacity	≈1,000,000 gallon capacity
Service flow	Service flow up to 25 GPM	Service flow up to 20 GPM
Backwash	Digital automatic backwash	Digital automatic backwash
Tank size	Tank size: 13” x 54”	Tank size: 10” x 54”

A well water analysis is recommended prior to purchase to ensure system compatibility.

HOW THE SYSTEM WORKS

Six stages of filtration.

01

Oxygen

Water flows through the upper cavity, making contact with injected oxygen (O2). Oxygenated water maximizes the removal efficiency of the multiple filtration stages.

02

KDF 85

Removes or reduces iron and hydrogen sulfide, and controls scale, bacteria and algae. The redox media alloy works as a catalyst to change dissolved iron into insoluble iron hydroxide, which can be easily removed with regular backwashing. With dissolved oxygen in the water, iron removal rates of 98 percent or better are common in laboratory studies.

03

Granular Activated Carbon (GAC)

Activated carbon is highly porous and effectively removes iron and sulfur residuals while neutralizing bad odors and taste from contaminants. This stage “polishes” the water.

04

Katalox

This hybrid media has proven to be one of the most effective methods to efficiently remove iron, sulfur, arsenic and manganese from well water applications. This particular combination provides for efficient contamination reduction while requiring far less regeneration water. Our blended Katalox acts as a catalyst to accelerate the necessary chemical reactions without being consumed or chemically changed by the reactions.

05

Garnet Mineral Stone

Water passes through a media bed of garnet mineral stone removing suspended solids, and sedimentation. Allowing for maximum water distribution and efficiency.

06

Quad-Polarity Ionization Chamber

- Significantly reduces hard water scale
- Greatly extends the life of appliances and expensive plumbing fixtures
- Creates better lathering of soaps and detergents
- Reduced water spotting on dishes, countertops, faucets and showers
- ECO friendly solution

FEATURES AND BENEFITS

Designed for the whole home.

- 30-day money-back guarantee
- 10-year limited warranty
- No salt, no potassium, and no filters to change
- No maintenance required for the entire warranty period
- Removes up to 10 ppm each of iron and sulfur, and up to 5 ppm of manganese
- Safe for use in septic systems
- Catalytic Technology naturally converts the scale-forming minerals (calcium and magnesium) to Aragonite, a healthy water-soluble mineral that will not form hard water scale build up in your plumbing, water heater and fixtures. It also provides for refreshingly healthy alkaline* drinking water.
- Patented Vortech™ water distribution system increases filtration capacity, reduces regeneration and backwash pressure therefore greatly conserving water usage by up to 30%.
- Innovative and patented self-cleaning design accelerates the velocity of water across the distributor, preventing the potential build-up of contaminants resulting in up to 80% better efficiency.
- Environmentally safe alternative to salt based water softeners
- ECO-friendly by conserving water and electricity
- Stainless steel bypass valve and hardware kit
- The best solution for use with all water heater types, even tankless!
- Certified safe for use with septic systems and areas that have banned the use of water softeners
- Made in the U.S.A.

SAVINGS PER YEAR COMPARED TO OTHER SYSTEMS

$150+	Salt / Potassium
$300	Wasted regeneration water from water softeners
$200	Refrigerator or reverse osmosis filters
$125	Water heater replacements due to rust from water softener brine water
$400+	Bottled water

$1,175±
ESTIMATED TOTAL ANNUAL SAVINGS!

Vortech™ Plate Technology

The world's most innovative and efficient universal distribution system for water treatment systems, in filtration and softening applications. The design creates fluidity of the media bed and extends contaminant removal capacity up to 80% which means less regenerations and significant reduction of water use.

AFFILIATIONS & COMPONENT STANDARDS

IAPMO • Gold Greenness Business Certified • Member, Water Quality Association
Components comply with NSF/ANSI Standards 42 and 61 • Made in USA • BBB Accredited Business

* pH may vary slightly depending on your geographical location.
* A well water analysis is recommended prior to purchase to ensure system compatibility.