

Impression Series® Sulfur & Iron

Fresh clean water from your well, every time

FILTRATION



IMPRESSION®
A Water-Right Brand

Impression® Air Sulfur (IMS) and Air Iron (IMFE) filters are extremely effective in removing hydrogen sulfide and iron, commonly associated with problem well water. These systems use a unique air-injection filtering technology to oxidize sulfur or iron into precipitates (solids) that can be readily filtered and removed — the result is simply refreshingly good water from the tap, every time.

System Features:

- **Environmentally safe** — no chemicals
- Solid-state microprocessor control
- Easy programming for optimum performance
- Patented “inch worm” technology prevents water hammer due to excessive air during regeneration
- Advanced history, diagnostic screens, and battery backup
- Optional ozone kit for additional bacteria control
- Low cost operation
- Service Alarms



Air Sulfur System Will:

- Remove sulfur and associated rotten egg odors
- Reduce turbidity

Air Iron System Will:

- Remove iron
- Eliminates red staining that is commonly found on fixtures and appliances
- Reduce turbidity

WaterRight®
The Right Water
For Life

water-right.com



*Impression Plus®
model shown with
backlit display
and top flange*

Impression Series® Air Sulfur & Air Iron Filtration

The Media

The IMS uses a high-grade, activated catalytic media that is produced with a patented process and manufactured to speed up the reaction rate in the media. It is unique in that it concentrates contaminants within the pores of the media and then promotes their reaction on the surface of the pores.

The IMFE media acts as an insoluble catalyst to enhance the reaction between oxygen and iron compounds. This process converts iron to particles that can be easily filtered out.

The Electronics

The microprocessor captures all water conditioning operations, including gallons per day, total gallons, peak flow rates, and total regenerations. Time is also held in memory and protected by a built-in battery backup.

The Control Valve

A rugged, Noryl™ control valve handles high flow rates without dropping household water pressures — like when showers, toilets and faucets are all in use at the same time.



Great Water From The Tap

Impression Series® air charge filters are successful in effectively removing high levels of sulfur and iron commonly found in well water. These filtration systems are often used in combination with other Impression water softeners to provide a total treatment solution. All IMS and IMBFE filters are **environmentally safe**, eliminating the need for chemicals and feed pumps.

Impression Plus Model

The Impression Plus (IMPS & IMPFE) models feature an advanced controller that features a backlit LED display screen plus a top tank flange that makes service a breeze.

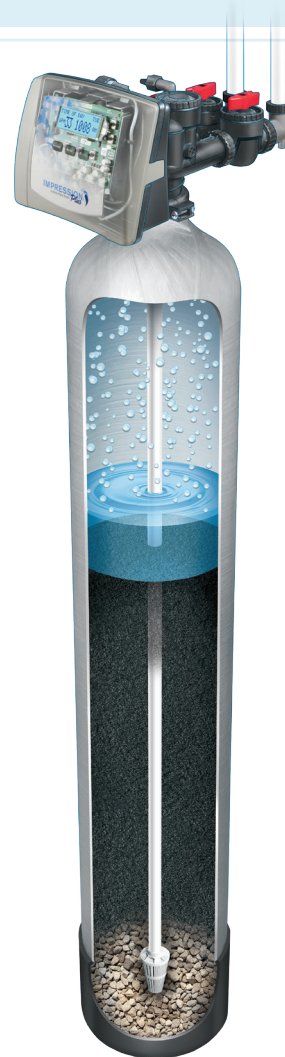
How It Works

The media bed works in combination with an air charge chamber within the tank to oxidize and filter the elements that cause sulfur and iron. At the programmed time, the system will regenerate using ordinary water to backwash the system clean of sulfur, iron and other well water contaminants.

[See how it works at water-right.com](http://water-right.com)

Inch Worm

Inch Worm is an adjustable cycle that allows the control valve to slowly “inch” its way into backwash, allowing air to escape slowly instead of one “rush.” This slow release of air virtually eliminates the thrashing of drain lines or noisy discharge of air to drain when the valve first advances to backwash.



Due to extreme bacteriological conditions, Impression Series® Air filters may require additional disinfection, especially in warm weather climates. Please contact dealer for more information.

Your local water treatment professional:



Filter[•]Prep

Water Filters with 263
1" Control Valve

Making the best of your water.

The Charger Filter^{Prep} System



WATER TREATMENT SYSTEMS



How the Filter Prep System works:

Filter Prep Water filtration systems make it easy to enjoy cleaner, healthier, better tasting water throughout your home. Whether for drinking, cooking, bathing or laundry, Filter Prep will improve the quality of your water.

Your water could contain chemical contaminants from pesticides, petroleum, solvents, or a variety of sources. Some water contains lead, mercury or other heavy metals. Filter Prep has a variety of units to remove these contaminants.

With a Filter Prep water filtration system, you can protect appliances, household plumbing, and your water heater by reducing sediment, sand or rust that can damage plumbing and appliances. Filter Prep automatic filters can eliminate iron, sulfur and odor from your water supply 24 hours a day, in most cases, without having filter cartridges to change or chemicals to purchase.

Filter Prep System features:

- 263 1" NSF rated hi-flow automatic control valve
- NSF rated polyglass media tank
- Filter available for removing:
 - Iron,
 - Manganese
 - Sulfur
 - Sediment
 - Color
 - Turbidity
 - Taste
 - Odor
 - Heavy Metals
 - Pesticides
 - Herbicides
 - Chemicals



FILTER PREP
263 1" CONTROL
VALVE

Your **Charger** Water
Treatment Dealer:



How OUR WATER Collects Contaminants

Your Water, The Universal Solvent!

Water is considered the universal solvent. As it passes from liquid to vapor and back again, it tends to dissolve everything it touches - whether in the air as water vapor where it can mix with sulfur from smoke stacks forming acid or from the ground, absorbing calcium, magnesium, sulfur, iron, lead and limestone - water can have a negative impact on you, your household and your pocketbook.

Depending on where you live, contaminants from sewage, industrial waste and agricultural run-off can also seep into your water supply.

Filtration Options for Removing Nature's Contaminants

ACTIVATED CARBON - Used for taste, odor, chlorine and organics removal including VOCs. The 12 x 40 mesh size traps particles of 30 micron and larger.

CENTAUR NDS 12X40 GRANULAR ACTIVATED CARBON - A high grade catalytic carbon excellent for removing chloramines and hydrogen sulfide from potable waters.

NEUTRALIZING CRUSHED MARBLE - A sacrificial media that dissolves in acidic water to create a neutral water. This process adds some hardness to the water. Crushed marble, a mined material, is used in it's natural state.

PYROLOX - A naturally mined ore, Pyrolox is a mineral form of manganese dioxide used in reducing hydrogen sulfide, iron and manganese.

FILTER-AG - A lightweight, silica, crystalline quartz media with excellent filtering capability, requiring lower backwash flow rates.

FILTER-AG PLUS - A clinoptilolite natural media with a large surface area and microporous structure used for the reduction of suspended matter.

KDF - A bi-metal copper and zinc material used for iron and hydrogen sulfide removal. KDF can control bacteria, algae and fungus growth.

BIRM - A lightweight, catalytic filter media used for removing iron and manganese via oxidation. The oxidized iron or manganese is then filtered. Birm has an inert core coated with manganese dioxide.

MANGANESE GREENSAND - A glauconite greensand that is a catalytic material for the removal of iron, manganese and hydrogen sulfide. The media is intermittently regenerated with potassium permanganate or continuously with chlorine or a chlorine and potassium permanganate mixture.

MULTI-MEDIA - Multi-media is reverse graded layers of filter medias. The layered process allows for higher flow rates plus filtration down to 10 micron-sized particles. Works well for sediment, turbidity and red water iron.

ZEO PREP - Filters down to 5 microns. Excellent for removing suspended iron, manganese and turbidity. Removes dissolved iron, hardness and manganese through ion exchange. Can be regenerated with salt brine. Zeo Prep filters solids like nothing else. Zeo Prep's ion exchange properties make it a dual purpose option for problem water.

