



# IRON SHIELD<sup>GX7</sup>

with TOXIN GUARD



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How It Works



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Are you adding salt or chemicals to your water to remove iron? Iron Shield<sup>GX7</sup> with Toxin Guard offers an innovative and natural solution for removing iron, rotten-egg odors, tannins and manganese. Instead of using salt or chemicals, Iron Shield<sup>GX7</sup> uses natural air and a proprietary filtration media to eliminate these contaminants along with undesirable staining, tastes and odors. Iron Shield<sup>GX7</sup> also reduces many invisible toxins which can be even more dangerous when inhaled or absorbed through the skin while showering than they are in your drinking water.\*



## Protects Your Home

- Sinks, showers, tubs and toilets remain free from unsightly staining
- Pipes and fixtures are protected against iron build-up and the corrosion it can cause
- Plumbing, septic systems and water-using appliances often perform better and last longer



## Enjoy Your Water

- Eliminates unpleasant tastes and odors from your bathing and drinking water
- Reduces many harmful pesticides, industrial contaminants, VOCs and more
- Does not add any salt or chemicals to your water



## Engineered Filtration Media

- Removes up to 20ppm of combined iron, manganese, H<sub>2</sub>S, & tannins at pH as low as 5.8
- Filtration of sediment, dirt particles and sand down to 3 microns
- Light weight media requires less backwash time and flow thereby using less water during regen
- Natural media uses no chemicals and produces no disinfection byproducts



## Low Maintenance

- No salt or chemicals to add, no filter cartridges to change
- Long-life filtration media lasts up to 10 years for iron removal, 5 years for toxin removal
- No more cleaning iron, tannin or manganese stains from sinks, tubs and laundry



## Environmentally Friendly

- No harmful contaminants are added to the environment
- Uses only air and water to regenerate, instead of chemicals or salt
- Proprietary filtration media blend is all-natural and long-lasting

Did you know?

A study by the U.S. Geological Survey reported that one or more VOCs were detected in 90 of 98 aquifers tested across the U.S.\*\*

\*Richardson, Susan D. 2007. "Water Analysis: Emerging Contaminants and Current Issues." Analytical Chemistry, 79(12): 4311-4312

\*\*U.S. Geological Survey. Volatile Organic Compounds in the Nation's Ground Water and Drinking-Water Supply Wells. 2006. pubs.usgs.gov/circ/circ1292/pdf/circular1292.pdf

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## Eliminates:

- ✓ Iron
- ✓ Manganese
- ✓ Hydrogen sulfide (rotten egg)
- ✓ Tannins

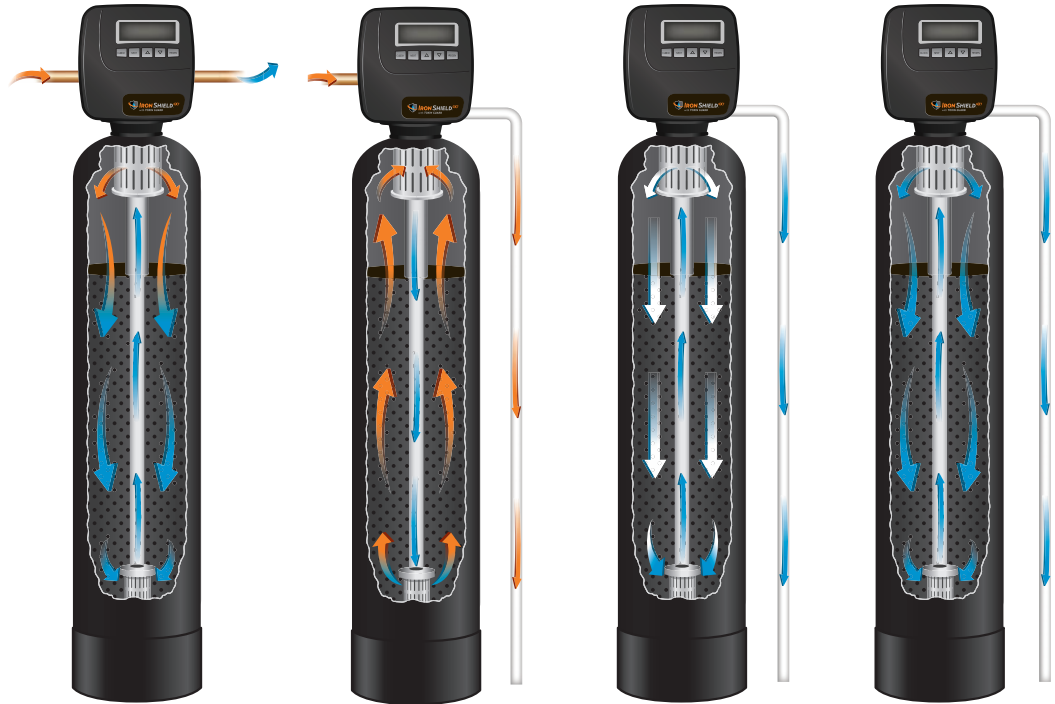
## Reduces Many Types of:

- ✓ Volatile Organic Compounds (VOCs) – known to cause nervous system damage
- ✓ Trihalomethanes (THMs) – including chloroform, linked to cancer
- ✓ Perchlorates – linked to thyroid and developmental problems
- ✓ Disinfectants – Including chlorine
- ✓ Disinfection Byproducts (DBPs) – linked to cancer, reproductive and developmental problems
- ✓ Petroleum products
- ✓ Pesticides
- ✓ Herbicides
- ✓ Hormone mimickers
- ✓ And many more

## Warranty:

- ✓ 10 years on tank
- ✓ 5 years on valve body and electronic controls

## How It Works



### 1. In Service

Untreated water enters the filter. Iron and other contaminants are trapped in the natural media while dissolved oxygen is added to the water.

### 2. Backwash

Upward flow of water lifts the filter bed, removing trapped contaminants and increasing the life of the media.

### 3. Regeneration

Air injection system naturally regenerates the media without the use of chemicals.

### 4. Fast Rinse

Filter bed is packed down to prepare for the next filtration cycle.

## Specifications:

Model	Optimal Flow Rate	Max Service Flow Rate	Min Backwash Flow Rate	Max Combined Iron, Manganese, H <sub>2</sub> S and Tannins	Tank Size
IS <sup>GX7</sup> 1000	< 6 gpm	10 gpm	5 gpm	20 ppm*	10" x 54"
IS <sup>GX7</sup> 2000	< 11 gpm	19 gpm	9 gpm	20 ppm*	13" x 54"

\*Combined Iron, H<sub>2</sub>S, Manganese and Tannins not to exceed 20 ppm, or contact your EasyWater Authorized Dealer for treatment options; pH must be a minimum of 5.8 for iron or manganese removal.

Pre-treatment is required if bacterial iron or sulfur-reducing bacteria is present. Consult your EasyWater Authorized Dealer for pre-treatment options.

This is not a disinfection system. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before and after the system.

Iron Shield is not designed to remove colloidal or other low micron particles such as colloidal iron or submicron tannins. Additional treatment may be required.

Larger sizes available and custom system configurations available.

Constructed of NSF and/or FDA approved materials.

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