

# Iron & H<sub>2</sub>S Filters

**If your water has the sulfur odor of “rotten eggs”, if there are iron stains on your sinks and bathtubs, if you use large amounts of soap to clean dishes, wash your hair or suffer the “orange hair” effect sometimes caused by iron water, you probably have water that can be successfully treated with an IronBreaker III iron and H<sub>2</sub>S removal system.**

Left untreated, these minerals will cause yellow/brown stains on fixtures and clothing, clogged pipes and appliances, shortened service lives for dishwashers, washing machines and water heaters, all adding to the cost of maintaining appliances while increasing the amount of energy consumed in your home.

## **IronBreaker III Eliminates Iron & the Effects of Hydrogen Sulfide (H<sub>2</sub>S)**

Water Softeners eliminate the effects of hard water; IronBreaker III eliminates iron and removes the objectionable effects of hydrogen sulfide or H<sub>2</sub>S.

Whether it's rust stains in your sinks and laundry, or the “rotten egg” smell of H<sub>2</sub>S when you turn on a tap, your water problems can cause you and your family more than embarrassment and frustration. Iron and H<sub>2</sub>S can damage your fixtures and plumbing, discolor your laundry or create unpleasant odors in drinking water and showers.

## **Soft Water That Is Iron & Odor Free Makes a Difference You Can See & Feel**

### **In the Bathroom**

No more iron stains or rotten egg odor. Soap and shampoo will lather better. Hair and skin will feel noticeably cleaner. And when used with a water softener, your iron free, odor free water will be soap scum free, without mineral deposits to clean off sinks, showers, tubs and toilets.

### **In the Laundry**

Without iron or H<sub>2</sub>S in the water, clothes will be whiter and brighter. Plus, they will last longer. Add a water softener and increase the life of clothing, towels and linens by up to 33% and add even longer service life to your appliances.

### **In the Kitchen**

No iron stains on the sink, no objectionable odor while running water for cooking, cleaning or drinking. Dishes will clean more easily and, by adding a water softening unit, your dishes will be spot free without the film glasses get when etched by mineral-laden water.

### **Throughout the House**

Water using appliances will last longer and run better. Why? Because hot water heaters, washing machines and dishwashers using iron laden, hard water can wear out 30% faster, while consuming more energy than an appliance using iron free, H<sub>2</sub>S free, soft water.

## **The IronBreaker III Difference**

Until recently, the most common solution for problem iron and H<sub>2</sub>S water involved the use of harsh chemicals and complicated equipment, requiring regular care and service by the homeowner or water treatment professional. The IronBreaker III, by Ace Technical, now offers the “natural” solution for removing iron and H<sub>2</sub>S. A proven patented technology that uses nature's own oxidation process to eliminate iron and H<sub>2</sub>S without chemicals, without air

compressors, without aerators and without external ventures'. Using nature's own oxidation process, leaving you with fresh, clean, odor free water throughout your home.

All of your water using appliances will lead longer lives. Dishwashers, automatic washers and, of course, your water heater will benefit from having reduced iron and H<sub>2</sub>S, adding years to the life of major appliances and postponing expensive repair and replacement.

## **How the IronBreaker III Works**

The IronBreaker III stores a "bubble" of air, compressed by your well pressure, within the media tank. As your water passes thru the air, the iron or H<sub>2</sub>S is converted to a particle which is then trapped by the catalytic filter media in the tank while the air "bubble" is gradually consumed by the passing water.

For regeneration, the unit first "backwashes" itself, removing any iron particles it has trapped. The system then replenishes the "air bubble" by drawing in atmosphere, temporarily emptying the tank of all water and transferring oxygen molecules into and on the surface of the media bed where all oxidation occurs. The system then returns to the "service" position, again filtering your water.

Add the ozone generator option and the IronBreaker III system is automatically sanitized during the regeneration process.

## **Benefits of the IronBreaker III System**

The IronBreaker III controls the iron and H<sub>2</sub>S in your home's water and:

- Stops iron stains from occurring
- Provides clean, odor free water
- Protects your water softener equipment from "iron fouling"
- Protects plumbing fixtures, appliances and clothing
- Protects pipes from iron clogging and black oxidation caused by H<sub>2</sub>S
- Eliminates the need for chemical feed treatment systems