

Clear Odor & Iron-Free Water.

You can immediately see and feel the difference a whole house water filter makes to the quality of your water and the quality of your life.



Eagle

*Problem water is no problem with our full line of **Eagle Titanium Iron & Sulphur Filters**. Eliminate stubborn iron & sulphur without chemicals.*

Features:

- ▶ Exclusive NSF Certified electronic control valve
- ▶ Natural oxidation process uses no chemicals, air pumps or a venturi
- ▶ Low maintenance two tank system
- ▶ Regenerate less frequently than traditional iron filters **using up to 50% less water** than manganese greensand filters
- ▶ NSF Certified fibreglass tanks
- ▶ NSF Certified control valve
- ▶ Meter Immediate, Meter Delayed, Meter with Day Override, Calendar Clock mode Adjustable cycle times
- ▶ Unique bypass with an integrated space saving turbine meter and sample port on the inlet. One-piece design avoids meter jamming
- ▶ Time saving quick connect fittings on bypass



Eagle Titanium Iron & Sulphur Filters

Incoming water passes through a compressed pocket of air contained in the tank. The oxygen precipitates the iron & sulphur into solid form and is removed when it passes through the filters media bed. The media acts as a catalyst in the reaction between iron and oxygen that also causes the iron & sulphur to precipitate into a solid.

As more water passes through the unit the air becomes depleted and the media becomes overloaded with the iron & sulphur. Periodic automatic regeneration replenishes the supply of air and cleans the media of filtered iron. The media is not consumed in the iron removal process and therefore is much more economical than many other iron removal processes.

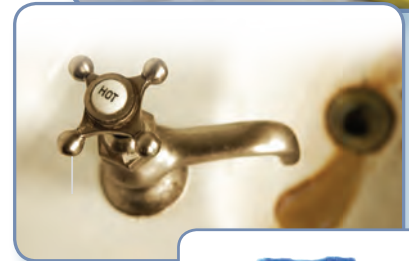
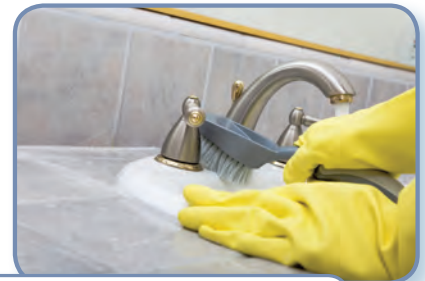
Nexsand: is a remarkable advance in media filtration technology. Based on a rare natural mineral that is highly processed and refined, next-Sand's unique properties allow it to radically alter the performance and cost of media filtration. The hardness, stability and micro-porous character of nexsand makes it a perfect filtration media for virtually every application in the water and wastewater treatment industry.

Birm: is an efficient and economical media for the reduction of dissolved iron and manganese compounds from raw water supplies. It may be used in either gravity fed or pressurized water treatment systems. Birm® acts as an insoluble catalyst to enhance the reaction between dissolved oxygen (D.O.) and the iron compounds.

Chem-Free: Natural oxidation removes iron, sulfur and manganese without chemicals, air pumps or a venturi.

Specifications	Eagle Titanium Birm	Eagle Titanium Chem-Free	Eagle Titanium Nexsand
Typical Service Flow Rate	4.0 gpm	4.0 gpm	4.0 gpm
Peak Flow Rate	10.0 gpm	10.0 gpm	10.0 gpm
Backwash Flow Rate	5.0 gpm	5.0 gpm	8.0 gpm
Filter Media Volume (ft3)	1.4 ft	1.4 ft	1.4 ft
Filter Tank Size	10x54	10x54	10x54
Air Contact Tank Size	10x54	10x54	10x54
Tank Jacket	Yes	Yes	Yes
Maximum Iron	30.0 ppm	30.0 ppm	15.0 ppm
Hydrogen Sulfide	Trace	5.0 ppm	
Iron Bacteria Removal	No	Yes	
Shipping Weight	188 lbs	188 lbs	202 LBS
Regeneration Type	Co Current / Down Flow		
Plumbing Connections	Includes 3/4" 90°Elbows & 3/4" Straight NPT		
Electrical Requirements	Input 120V 60 Hz - Output 12V 650mA		
Water Temperature	Min 39 - Max. 100 degrees Fahrenheit		
Water Pressure	Min. 20 - Max. 125 psi		

Annual service required on media and piston/seal and spacers.



Eagle

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