

# Iron Master AiO

## Air Injection Oxidizing System

**5600SXT and 2510SXT  
systems remove iron and  
sulfur from your water**

### Simple, Clean Water

- Removes staining or rotten egg odor
- Removes Iron colored or Iron tasting water
- No expensive, harmful, and messy chemicals
- No pumps or mechanical pieces to go wrong
- No maintenance and no filters to change

*Systems available in both  
natural (standard) or black.*

### Chemistry Behind It:

Specific filter medias that can be used are Manganese Dioxide based, catalyzes a reaction that turn ferrous iron, usually found in water in the form of ferrous bicarbonate  $[\text{Fe}(\text{HCO}_3)]$ , which is soluble in water, into ferric oxide ( $\text{Fe}_2\text{O}_3$ ) and ferric Hydroxide  $[\text{Fe}(\text{OH})_3]$  which are insoluble. This is the same reaction that takes place when iron-bearing water is exposed to air and which leads to staining of fixtures.



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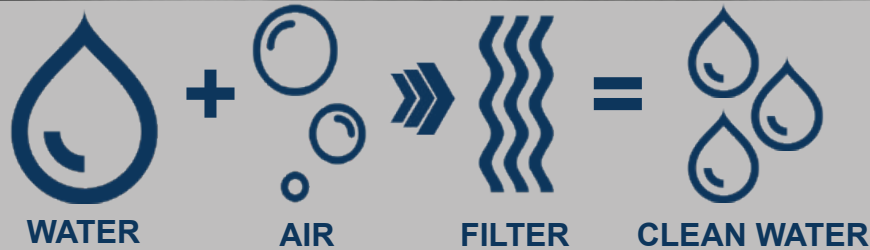


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## Air Injection Oxidizing System

### How It Works:

When water enters the system, it passes through a bubble of compressed air that adds oxygen to it. The water then passes through a filter bed. The filter material separates the iron, hydrogen sulfide, and manganese from the water. The iron and manganese are then filtered out by the media bed. Then the cleaned water flows to your faucets.



## Remove Harmful Iron, Sulfur, and Contaminants From Your Water

### Economical Solution: the 5600SXT and 2510SXT Systems

The process uses compressed air and water not chemicals.

The replenishment process is driven by the water pressure in your system.

The only yearly running cost is minimal electricity and water.



2510SXT



5600SXT