

Disinfect & Protect with O_3



ABOUT OZONE O_3

Ozone is a triatomic oxygen (O_3) which has high oxidation capabilities. It is produced from air and high voltage electricity, think lightning. Ozone is the most effective and rapidly acting primary disinfectant for media bed available. Along with disinfection, the use of ozone for drinking water treatment has many other benefits such as improved taste and color removal, iron, manganese and sulfur removal. Ozone's high oxidation potential gives it excellent germicidal properties. Ozone is 52% stronger than chlorine, and will oxidize much more rapidly without the use of harsh chemicals.



How it works

When water enters the Iron Filter, it passes through a bubble of compressed Ozone (O₃) that disinfects & oxidizes it. The water then passes through a media bed. The filter media enhances the reaction that separates iron from your water and removes foul odors. The sediment and insoluble flakes of iron that result are then caught by the media bed and the now sterilized, iron-free, great tasting water flows throughout your home.

Benefits

DOUBLE DOWN on your treatment power with O₃! Remove excess iron in the water that causes the appliances using it to rust and corrode quickly, while simultaneously disinfecting your water rendering it free of protozoa, fungi, germs and bacteria and is safe for human consumption. No more brownish stains on household fixtures. No more iron stains that can corrode their surface and reduce the shelf life.

FEATURES

- ◆ Enhanced Oxidation generator uses Ozotech Poseiden series corona discharge cell with automatic cleaning alerts
- ◆ An Ozone air pocket is introduced into the top of the tank. As water passes through this pocket the iron, manganese and sulfur in water are oxidized
- ◆ Professional Series AIO Control Valve
- ◆ Eliminates rust stains and "rotten egg" smell
- ◆ Disinfects and protects against bacteria

SYSTEM SPECIFICATIONS:

| Model Number | Flow Rate @ 15 psid | Backwash Rate | Pipe Size | Electrical | Media Bed Material | Mineral Tank Diameter | Mineral Tank Height | Total System Size (in) |
|--------------|---------------------|---------------|--------------|--------------|--------------------|-----------------------|---------------------|------------------------|
| ATAIO3-1.0 | 6 | 5.3 | 1" NPT Elbow | 120 v. 60 Hz | ZeoLite | 9" | 48" | 12 x 12 x 58 |
| ATAIO3-1.5 | 7 | 5.3 | 1" NPT Elbow | 120 v. 60 Hz | ZeoLite | 10" | 52" | 13 x 13 x 62 |
| ATAIO3-2.0 | 9 | 7.5 | 1" NPT Elbow | 120 v. 60 Hz | ZeoLite | 12" | 52" | 15 x 15 x 64 |
| ATAIO3-3.0 | 12 | 10 | 1.25" NPT | 120 v. 60 Hz | ZeoLite | 14" | 65" | 17 x 17 x 75 |

ATAIO3 SERIES
Ozone Iron Filter



Operating Parameters

| | |
|-----------------------|--------------|
| Maximum Iron | 20 ppm |
| Max. Hydrogen Sulfide | 3 ppm |
| Water Pressure Range | 40 - 100 psi |