



IRON AND SULFUR FILTERS



Better for the home,
better for the environment

System Features:

- Environmentally safe — no chemicals
- “Inchworm” — our patented air release technology
- Easily programmed for optimum performance
- Advanced history and diagnostic screens
- Extremely low cost operation
- Includes battery back up
- All components are certified NSF/ANSI 61 compliant

Efficiency is in the details.

Wripli® is the most advanced WiFi technology in water treatment today.

- Alerts Notifications
- Vacation Mode
(Access system from anywhere)



A. O. Smith® filtration systems are designed to remove rust stains, odor, and foul taste commonly associated with problem well water. A. O. Smith uses a unique air-induction process that oxidizes dissolved iron, manganese, or sulfur into solid particles. This greatly enhances the effectiveness of the filtration process, making it environmentally friendly and efficient.

A. O. Smith Air-Injected Iron filters are the perfect solution for removing iron and manganese staining.

A. O. Smith Air-Injected Sulfur systems utilize a high-performance catalytic carbon media to eliminate rotten egg smell caused by high levels of hydrogen sulfide gas.

Upgrade your A.O. Smith filter with Wripli®. Including this WiFi technology enables remote monitoring of your filter’s performance on your mobile device, tablet or computer - making your water accessible for your on the go life.

As your local water expert, we can determine the precise home filtration systems needed to fix your water needs.



www.aosmithspecializedsolutions.com



A. O. SMITH IRON AND SULFUR FILTERS

Prevent Bacteria with O3Zone*

- Automatically cleans unit
- Easy plug-and-play installation
- Chemical-free, environmentally safe
- Audible notification when service is required

*Optional attachment. Should not be used with Birm, Iron Units.



Wripli Enabled (optional)

- **Current Flow Rate:** See how much treated water is running through your home in real time.
- **Water Usage:** Monitor the total number of gallons of water your home used during the day.
- **Savings:** See how much water you have saved with Proportional Regeneration (optional).
- **Notifications:** Receive notifications for service alarms and system errors.
- **Vacation Mode:** Set Vacation Mode from anywhere in the world.



MADE IN THE USA

How It Works

Nuisance iron and hydrogen sulfide minerals turn into a particle as they pass through a column of air at the top of the tank. Combined with a specifically designed media, these particles are then removed through a process of filtration. When the media reaches capacity, the unit cleans itself using only air and water to backwash and flush the system of iron, sulfur, and other well water contaminants. The rugged control valve handles high flow rates without dropping household water pressures — such as times when showers, toilets, and faucets are all in use.



Inch Worm is an adjustable cycle that allows the control valve to slowly “inch” its way into backwash, allowing air to escape slowly instead of in one big rush. This slow release virtually eliminates the thrashing of drain lines, or noisy discharge of air to the drain when the system first initiates the backwash cycle.

MODEL	Sulfur Removal Filter			Iron/Manganese Removal Filter		
	AOA-1054	AOA-1248	AOA-1354	AOA-1054	AOA-1248	AOA-1354
Mineral Type	Catalytic Carbon	Catalytic Carbon	Catalytic Carbon	Birm	Birm	Birm
Amount (Cu. Ft.)	1.0	1.5	2.0	1.0	1.5	2.0
Gravel Amount/Size (No. 1)	14 lb 1/4 x 1/8	21 lb 1/4 x 1/8	21 lb 1/4 x 1/8	14 lb 1/4 x 1/8	21 lb 1/4 x 1/8	21 lb 1/4 x 1/8
Gravel Amount/Size (No. 2)	7 lb #20	7 lb #20	7 lb #20	7 lb #20	7 lb #20	7 lb #20
Service Flow (GPM)	5.0	6.0	7.0	5.0	6.0	7.0
¹ Peak Flow (GPM)	20.0	22.0	22.0	18.0	19.0	19.0
Backwash Flow (GPM)	5.3	7.5	9.0	5.3	9.0	10.0
² Iron Removal	1.0	1.0	1.0	5.0	5.0	5.0
³ Hydrogen Sulfide Removal	5.0	5.0	5.0	1.0	1.0	1.0
pH Range	Greater than 7.0	Greater than 7.0	Greater than 7.0	6.8 to 9.0	6.8 to 9.0	6.8 to 9.0
Total Dimensions	10"W x 62"H	12"W x 56"H	13"W x 62"H	10"W x 62"H	12"W x 56"H	13"W x 62"H
Weight Filled (Lbs.)	99	129	*150	106	139	*164

NOTE: The AOA is approved for use in the State of Wisconsin.

¹ Not tested at peak flow rate. Water quality will vary.

² Iron removal may vary for hydrogen sulfide systems, depending on local conditions.

³ Hydrogen sulfide removal may vary for iron systems, depending on local conditions.

*Units ship with media separate.

OUR TRUSTED LOCAL WATER EXPERTS



Since 1947, customers have trusted Commers with their water treatment needs for over 70 years, you can feel confident with our installations and services. We offer a free in-home water analysis to determine your water treatment needs. Your quote will consist of the complete price, including removal and disposal if needed, a permit fee, programming and installation.

- Living our values with honesty and integrity
- Taking care of our customers

