

EverGreen AIF Iron Solution System

Designed with Well Water in Mind

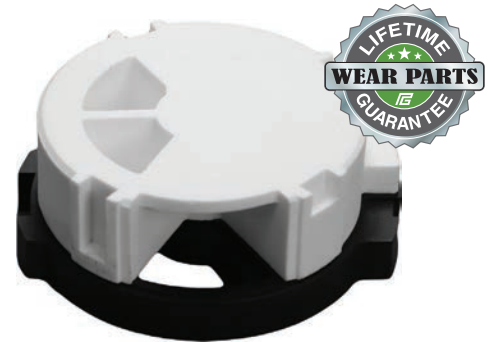
The EverGreen Air Injection Filter (AIF) Iron Solution is the perfect system for rural areas that have well water with a high level of rust and other waterborne metals and gases.

Developed with the Earth in mind, the AIF uses no chemicals – just the natural, free oxygen in your air. The filter helps the oxygen convert nuisance rust and other waterborne metals and sulfur gases into an “oxidized state” where they can be safely filtered from your water. The Evergreen AIF is septic-safe because it does not use harsh toxic compounds (i.e. potassium permanganate) during regeneration.

O₃ Ozone Charger: Clean Air for a Clean Filter

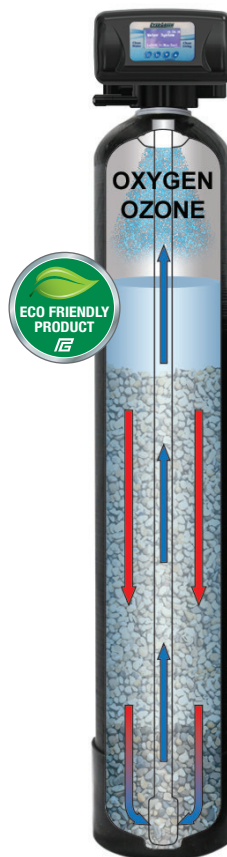
The EverGreen AIF* offers an enhanced option for homeowners who have water with unusually high iron, color and odor issues, or clean air concerns. The EverGreen O₃ Ozone Charger converts the ambient air injection (O₂) into ozone (O₃) using a generator that’s integrated into the EverGreen controls. The O₃ Ozone Charger sanitizes the air before it enters your water supply, to protect you and your family from harmful elements in your water.

* Filters available with or without Ozone Charger



For a Lifetime of Environmentally-friendly Use

- **Internals Guaranteed for Life.** Ceramic and graphene actuators never need replacing. No pumps, rubber wear parts, pistons, or seals to plug and fail.
- **Septic-Safe.** Both the AIF and ozone-enhanced model with O₃ generator are perfect for rural areas with septic.
- **No Chemicals.** AIF only uses existing O₂ and air injection to filter water.
- **Clean, Fresh Water.** No more rust-stained laundry, black mineral deposits, or sulfur odors.
- **Tough on Contaminants.** For homeowners with air quality concerns, the optional O₃ generator sanitizes the introduced air prior to filtering.
- **Industry Approved.** AIF uses NSF-certified controls and media.



For more information on the EverGreen AIF Iron Solution System, contact Pargreen today for the dealer nearest you.

EverGreen AIF Iron Solution System



EverGreen Aeration Ozone System Specifications

Model*	Resin Cubic Feet	Overall Height Inches	Diameter Inches	Flow Rate Gallons Per Minute ₁	Water (Gallons) Used Per Recharge ₂	Gallons Per Minute in Backwash	Gallons Per Regeneration - FeO ₃ ≤ 5 PPM ₃
FSG54-AIF-OZ	1.5	60.9	10	3.8	160	6.6	450
FSG52-AIF-OZ	2	69.0	12	5.5	195	8.10	600
FSG1354-AIF-OZ	2.5	61.4	13	6.5	264	11.00	750
FSG1465-AIF-OZ	3	72.2	14	7	329	13.70	900

* Additional Sizes Available

1 - Flow Rate at 7 GPM/Square Foot

2 - Usage Based on Water Supply Quality; Usage ± 10%

3 - Based on 300/Cubic Foot, pH 7.0

Electrical / Operational Specifications

Control Valve		Working Conditions	
Transformer Input	120VAC - 60Hz	Water Pressure	20 -120 PSI
Transformer Output	12VDC - 2A	Water Temperature	35°F - 125°F
Valve Wattage	24W	Iron Level ₄	1 to 5 PPM

4 - For Ferric Iron and Ferrous Iron Over 5 PPM, Contact PWT Technical Support

Control Valve Parameters

Inlet	Outlet	Drain ₅	Brine Line	Base	Riser Tube	Raw Water Bypass
1"	1"	1/2" Barb	3/8"	2.5" - 8NPSM	1-1/4"	Yes - During Regeneration

5 - Drain Connection Also 3/4" MNPT

Additional Specifications

Valve Material	Tank Material	Meter Accuracy	Clock
Noryl®	FRP	± 5%	12 Hour - with Battery Back-up