

Pro-OX 5900-AIR Iron Filter

Advanced Air-Charging Chemical-Free Iron, Manganese & Odor Removal

Single Tank Advanced Aeration Iron Filtration System

- Remove iron, manganese & hydrogen sulfide
- No more rust or brown stains
- Eliminates sulfur odor with natural aeration/oxidation
- Pro-OX solid manganese dioxide media lasts years longer
- Filter sediment & turbidity to 5 microns
- No potassium permanganate required
- Little or no maintenance required.
- Money Back Guarantee. It works or your money back.



Unique Control Valve Uses Much Less Water Than Other Iron Filters!

Unlike other air-charger type iron filters that must go through a complete backwash each night in order to draw in the charge of air, the 5900-AIR system's unique control valve can replenish the air without having to go through a backwash. This saves many thousands of gallons a year in backwash water!



To order call 888-600-5426 or visit us at www.CleanWaterStore.com



Pro-OX 5900-AIR Iron Filtration System



www.CleanWaterStore.com

Now Eliminate Rust and Odors with NO CHEMICALS
the Natural Aeration Way.

Benefits

- Handles toughest water problems
- Removes iron, manganese, and odors
- Filters sediment & turbidity to 5 microns
- Kills iron bacteria for slime-free water with optional chlorine or peroxide system.
- Removes hydrogen sulfide odors
- Easy install: any plumber or person familiar with basic plumbing can easily install.
- Free ground shipping in continental U.S.
- 10 year warranty on filter tank. 5 year warranty on control valve !
- Each system includes filter tank, filter media, control valve , bypass valve, and your choice of 3/4" or 1" pipe connectors.



5900-AIR Water Saver

Control Valve

Unlike other air-charging type filters, our system allows air to be drawn in independent of backwash cycle. Saves thousands of gallons per year over other iron filters.

Free Air Zone

Oxidizes iron, manganese & sulfur to filterable particles.

Top Zeolite Layer

Removes sediment, turbidity

Pro-OX Filter Media

Solid manganese dioxide media lasts many years longer than cheaper coated media, and performs at a much higher rate of efficiency for removing iron and manganese.



Pro-OX 5900-AIR Iron Filters 110V 12VDC 3VA

PART #	Tank Size	Width / Height	Media Cubic Ft	Service Flow GPM	Peak Flow GPM	Backwash Flow GPM
FE012480	8x44	8" x 51.5"	.9	5	10	7
FE011900	9x48	9" x 55.5"	1.0	6	12	10
FE011910	10x54	10" x 61.5"	1.5	7	14	12

*Service Flow rate in Gallons Per Minute ("GPM") is recommended flow rate for maximum performance. Peak flow rate possible is twice the Service flow rate.

In continual flow rate applications (such as when filling a storage tank, filling a swimming pool, or irrigation systems where the filter is used for long periods of time, flow rates lower than the Maximum Service Flow rate may be recommended.

Backwash flow rate is the minimum flow rate in gallons per minute that well pump must be able to pump, to adequately backwash the filter to keep the media clean.

How it works: The Pro-OX 5900-AIR system uses a combination of natural aeration and high-performance NSF-certified Pro-OX solid manganese dioxide filter media blend to remove high levels of iron, manganese and sulfur odors.

Raw well water enters the top of the tank through a head of oxygen rich air. Every 1–2 nights the unique control valve replenishes the filter with fresh air, finely filtered through a special air filter.

Once or twice a week, the entire filter media bed is automatically backwashed and rinsed, removing all trapped iron, rust and sediment that the Pro-OX filter media has removed.

How much iron will it remove?

Easily removes up to 10 PPM of iron, 2 PPM of manganese and 10 PPM of hydrogen sulfide. However for very high levels up to 30 PPM an optional chlorinator ahead of the iron filter can be used to boost removal rates.

Is the pH of my well water an important factor?

Yes. We recommend a pH of between 6.8 and 8.5 for the iron filter to perform properly. If your pH is lower than 6.8, calcite media can be used inside the iron filter to neutralize pH. A separate pH neutralizer can also be used in line before the iron filter.



Control valve, filter tank, Pro-OX media, gravel are WQA/NSF certified components.

