

Pro-OX Iron Filters

2510 Series



www.cleanwaterstore.com
Clean Water Made Easy.

Rust, black or brown stains and sediment?

Rotten-egg odors and bad tastes?

- Remove iron, manganese & hydrogen sulfide
- Handle the toughest water problems
- Eliminate iron, rust or brown stains
- Filter sediment & turbidity to 5 microns
- No potassium permanganate required!
- Low maintenance: \$2 to \$4 a month to operate.



Choose one:

1. "Continuous Regeneration" injects chlorine ahead of the iron filter.
2. "Intermittent Regeneration" automatically regenerates each backwash

Continuous Regeneration CR Series

- Removes Iron up to 20 PPM
- Removes manganese up to 5.0 PPM
- Filters sediment to 5 microns
- Removes high levels of hydrogen sulfide "rotten-egg" odor.
- Kills iron bacteria
- No chlorine tastes or odors
- Uses chlorine bleach to keep media lasting for many years.



Chlorine feed pump and solution tank

Pro-OX filter with Fleck 2510 control

Batch Regeneration IR Series

- Removes up to 10 PPM iron
- Removes manganese to 2.0 PPM
- Filters sediment to 5 microns
- Removes low levels of hydrogen sulfide up to 2.0 ppm.
- No chlorine tastes or odors
- Uses chlorine bleach to clean and restore the filter media
- No potassium permanganate powder required!



Optional solution tank with float for chlorine regeneration

Pro-OX filter with Fleck 2510 control

Pro-OX Iron Filters CR

Continual Regeneration Series 2510



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Clean Water Made Easy.

**Iron, Manganese or Iron Bacteria?
Rotten-Egg Odors?
Red, Brown or Rust Staining? No Problem.**

- Handle the toughest water problems,
- Remove iron, manganese, and odors
- Filter sediment & turbidity to 5 microns
- Kill iron bacteria for slime-free water
- Remove hydrogen sulfide odors
- Use either chlorine or ozone gas feed.
- Filter system includes filter tank, filter media, Fleck 2510 control valve, bypass valve, 3/4" or 1" pipe connectors.
- Fleck 2510 mechanical timer can be set to backwash every 1 to 12 days. Reliable and trouble-free.
- Complete instructions included. Any plumber or person familiar with basic plumbing can easily install. Follow local plumbing codes.
- Free UPS ground shipping



Pro-OX 2510 Iron Filters include filter tank, filter media, Fleck 2510 electronic control valve, bypass valve, 1" or 3/4" pipe connectors. Order chlorinator separately (see below).

PART #	Tank Size	Width / Height	Media Cubic Ft	Service Flow *	Backwash Flow *
FE009800	9x48	9" x 55.5"	1.0	5	7
FE009810	1054	10" x 61.5"	1.5	7	10
FE009820	1252	12" x 59.5"	2.0	9	12
FE009830	1354	13" x 61.5"	2.5	12	15

*Service Flow rate in Gallons Per Minute is recommended flow rate for maximum performance. Peak flow rate possible is twice the Service flow rate. 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 Stenner chlorinator automatically injects a small amount of chlorine ahead of the iron filter. The Stenner pump is installed so that when your well pump turns on, the Stenner pump turns on, and injects a small amount of chlorine.

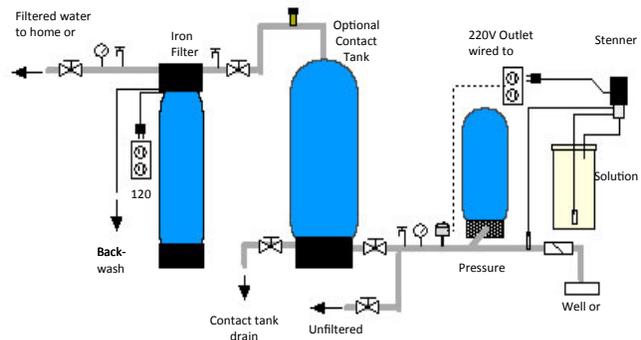
The chlorine bleach allows the Pro-OX filter media to remove high levels of iron, manganese & hydrogen sulfide. Iron bacteria are killed and the life of the Pro-OX media is extended up to 10 years.

Works best with pH-neutral water. If your water has a pH greater than 8.5 we recommend lowering pH to range of 7.0—7.4 with acid injection.

Chlorinator Pumps & Solution Tank Packages

Stenner pump (120V or 220V), installation kit with tubing, fittings, and injection check valve, 15 gallon solution tank

PART #	Stenner Pump	Voltage	Width / Height	Your Well Flow Rate*
MP000310	45MHP-2	120V	14" x 24"	1—30 GPM
MP000300	45MHP-2	220V	14" x 24"	1—30 GPM
MP000340	45HP-10	120V	14" x 24"	10 - 50 GPM
MP000350	45HP-10	220V	14" x 24"	10 - 50 GPM

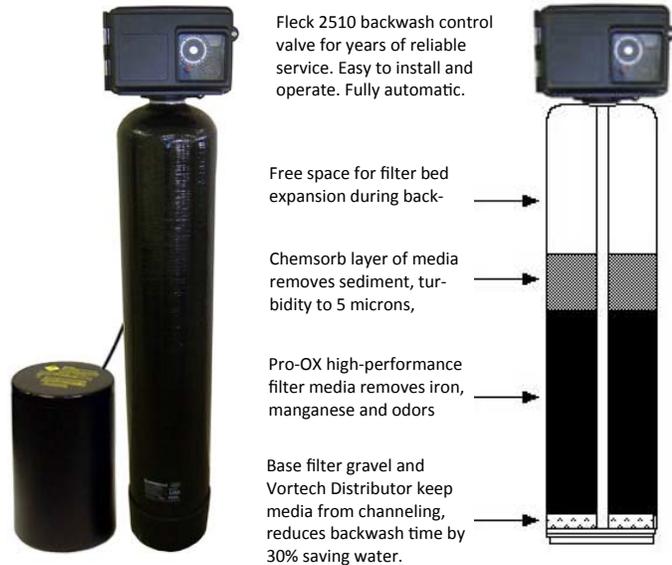


Pro-OX Iron Filters IR



Intermittent Regeneration Series 2510

- Highest flow rate of any iron-removing media.
- Removes iron, manganese, low levels of sulfur odor.
- Filters to 5 microns. Removes sediment, turbidity.
- No potassium permanganate required.
- Just add bleach 2-4 times a month to the solution tank. Easy to lift lid and pour in.
- Fully automatic backwash cleans and regenerates the filter media with chlorine bleach.
- Will remove low levels of hydrogen sulfide. For high levels use the continuous regeneration type Pro-OX system.
- System includes filter tank, filter media, Fleck 2510 control valve, solution tank, bypass valve.
- Fleck 2510 mechanical timer can be set to backwash every 1 to 12 days. Reliable and trouble-free.
- Complete instructions included. Any plumber or person familiar with basic plumbing can install these systems. Follow local plumbing codes.
- Free UPS ground shipping included in price.



Pro-OX 2510 Iron Filters include filter tank, solution tank, filter media, Fleck 2510 electronic control valve, bypass valve, 1" or 3/4" pipe connectors.

PART #	Tank Size in inches	Width / Height	Media Cubic Ft	Service Flow GPM	Backwash GPM*
FE009760	9x48	9" x 55.5"	1.0	5	7
FE009770	10x54	10" x 61.5"	1.5	7	10
FE009780	12x52	12" x 59.5"	2.0	9	12
FE009790	13x54	13" x 61.5"	2.5	12	15

What size to use? The 1.5 cubic foot size is best for most homes with 1 to 2 bathrooms and 2 to 4 persons. For larger homes and families, use the 2.0 or 2.5 cubic foot size.

*Backwash Flow Rate in Gallons Per Minute: make sure your well pump can pump at least the minimum Backwash GPM flow rate, to ensure the filter can be cleaned properly.

6 MONTH MONEY BACK GUARANTEE. If you are not satisfied simply return for your money back. 10 Year Warranty on filter tank. 5 Year Warranty on backwash control valve. Questions? Email us at info@cleanwaterstore.com or call toll-free 888-600-5426.

How it Works: The Pro-OX filter system is easy to operate. Simply add 1 cup of household bleach to solution tank once every 1–2 weeks.

Water flows in from the top down through the Pro-OX Media, removing iron, manganese and sediment. Filtered water flows down to the Vortech distributor screen, up the distributor tube, and out to the household piping. Once or twice a week, the Fleck 2510 control valve timer starts a backwash and rinse, called a "regeneration" cycle. This typically occurs automatically in the middle of the night.

During the regeneration cycle, the Pro-OX media is first backwashed thoroughly. During the backwash, water flows down the distributor tube and up through the Pro-OX media and out to drain, flushing out the accumulated iron and manganese and sediment.

After the backwash, some chlorine solution is sucked out of the solution tank, and the Pro-OX is rinsed and regenerated restoring the exhausted media to a fresh state where it can continue to remove iron and manganese. Any residual chlorine is rinsed out to drain during the rinse cycles.



Our iron filter systems use the advanced Vortech tank and distributor which reduce backwash water requirements by 30%.

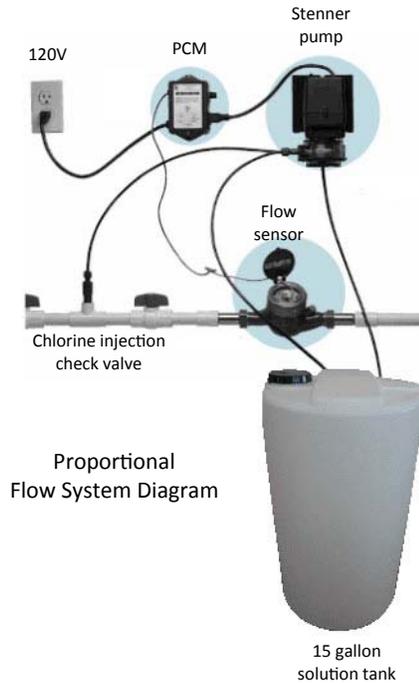
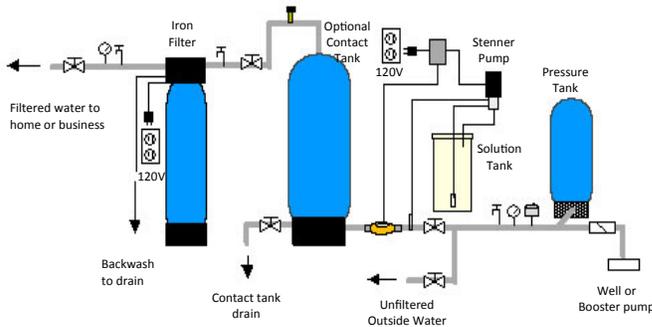


International shipping available. Thousands served worldwide since 1985. Member of Better Business Bureau, Water Quality Association & American Water Works Association.



Proportional-Flow Controlled Chlorination: In some applications the chlorine injection point must be after the pressure tank, such as when the pressure tank and well are away from the house and it's impractical to install the chlorine system at the well. In this case, a proportional-feed system can be used.

Based on how fast the water is flowing, more or less chlorine is pumped into the water maintaining a precise residual. Very easy to install. Allows you to install chlorination system anywhere after the well pressure tank or for community systems where it is not practical to install the injection point before the well pressure tank.



How to Order Proportional Feed Systems - To turn Stenner pump into a proportional-feed chlorinator, just order one PCM5 module and either a 3/4" or 1" flow sensor (see below). The Stenner PCM professional quality proportional feed chlorinator system is easy to install. Just install water meter and connect cable to PCM control. Plug Stenner pump into PCM control. Whenever there is flow of water, the Stenner pump will inject more or less chlorine based on the actual flow rate of the water. Chlorinator pump and solution tank sold separately.

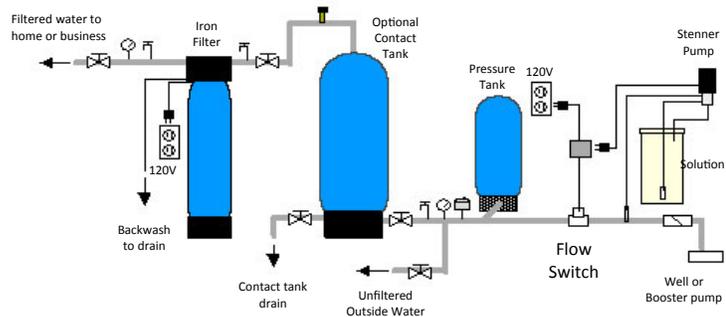
- PCM5 Module 120V P7001760
- Flow Sensor 3/4" (1 to 30 GPM) P7002390
- Flow Sensor 1" (1 to 50 GPM) P7002300

Flow Switch Controlled Chlorination Flow Switches are pre-wired. Install PVC flow switch in pipe, and plug flow switch into wall outlet. Plug the Stenner pump into the flow switch. Stenner pump will turn on when water flows and off when water stops. Not proportional to flow.

PART #	Pipe Size	Voltage
X1000160	1"	120V
X1000170	2"	120V



Flow Switch pre-wired .
1" or 2" PVC



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What size to use? Email us your specifications including line pressure, minimum and maximum flow rate and basic water chemistry parameters and our trained technicians will size and specify a system for you. info@cleanwaterstore.com or call us toll-free at 888-600-5425. International calls 1-831-462-8500.

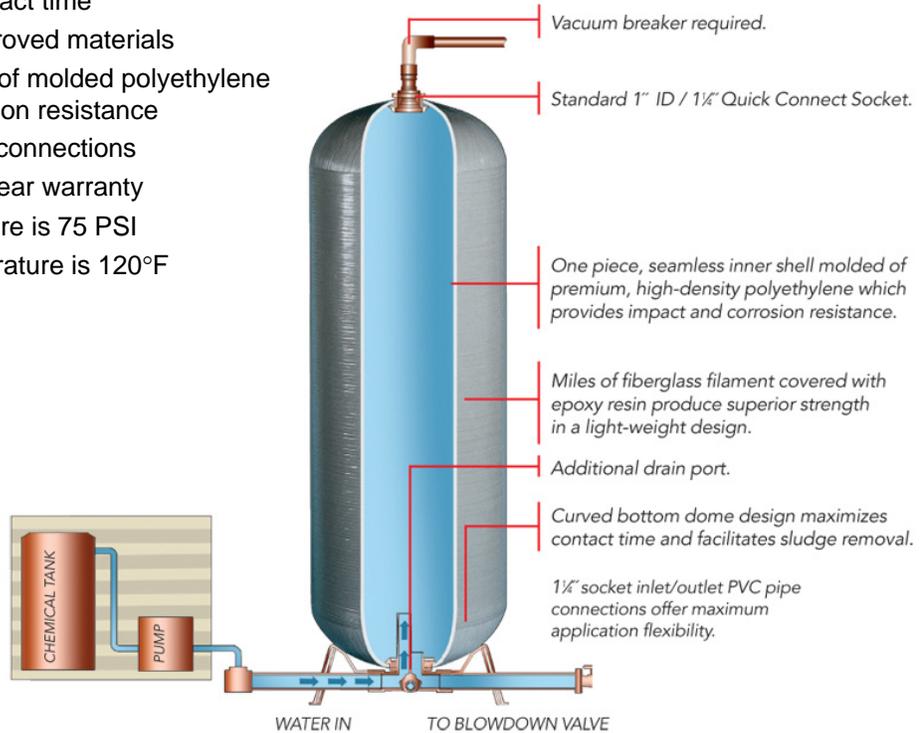


Well-Mate Contact Retention Tanks



www.cleanwaterstore.com
Clean Water Made Easy.

- Provides optimal contact time
- FDA and/or NSF approved materials
- Seamless inner shell of molded polyethylene for impact and corrosion resistance
- Inlet/outlet PVC pipe connections
- Factory backed five year warranty
- Max operating pressure is 75 PSI
- Max operating temperature is 120°F



PART #	Model	Dimensions	Pipe Fittings	Gallons Capacity
T2000760	CT-30	16" x 45"	1-1/4 PVC	30
T2000690	CT-40	16" x 58"	1-1/4 PVC	40
T2001120	CT-40-SQ	21" x 36"	1-1/4 PVC	40
T2000400	CT-80	21" x 63"	1-1/4 PVC	80
T2000680	CT-120	24" x 74"	1-1/4 PVC	120
T2000770	WM-RT-200	30" x 79"	2" NPT	200
T2000780	WM-RT-270	36" x 81"	2" NPT	270
V3000820	N36 Vacuum Breaker 1/2"			



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