

MangOX-Plus Iron Filters

7000-SXT 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
- Handles toughest water problems
- No more 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.



MangOX-Plus with
Fleck 7000SXT 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

MangOX-Plus with
Fleck 7000SXT control



Optional Chlorine feed pump
and solution tank

MangOX-Plus Iron Filters CR

Continual Regeneration Series 7000SXT



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Clean Water Made Easy.

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

- Handles toughest water problems
- Removes iron, manganese, and odors
- Filters sediment & turbidity to 5 microns
- Kills iron bacteria for slime-free water
- Removes hydrogen sulfide odors
- Uses either chlorine or ozone gas feed.
- Filter system includes filter tank, filter media, Fleck 7000SXT electronic control valve, bypass valve, 3/4" or 1" pipe connectors.
- Backwashes based on days of week, and/or metered flow based on actual gallons of water used w/ optional built-in flow sensor.
- Complete instructions included. Any plumber or person familiar with basic plumbing can easily install.
- Free UPS ground shipping



MangOX-Plus-CR 7000SXT Iron Filters includes filter tank, filter media, Fleck 7000SXT electronic control valve, bypass valve. 1" or 3/4" pipe. Optional flow sensor available for \$69. Order chlorinator separately (see below).

PART #	Tank Size	Width / Height	Media Cubic Ft	Service Flow *	Backwash Flow *	Price
FE009880	9x48	9" x 55.5"	1.0	5	7	\$859
FE009890	10x54	10" x 61.5"	1.5	7	10	\$969
FE009900	12x52	12" x 59.5"	2.0	9	12	\$1195
FE009910	13x54	13" x 61.5"	2.5	12	15	\$1249

*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.

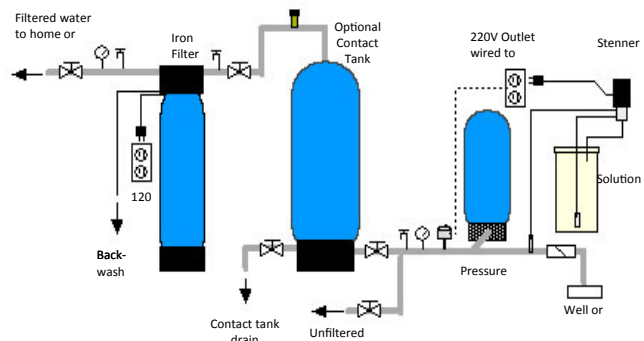
The chlorine bleach allows the MangOX-Plus filter media to remove high levels of iron, manganese & hydrogen sulfide. Iron bacteria are killed and the life of the Mang-OX media is extended up to 10 years.

Works best with a neutral pH 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*	Price
MP000310	45MHP-2	120V	14" x 24"	1—30 GPM	\$495
MP000300	45MHP-2	220V	14" x 24"	1—30 GPM	\$495
MP000340	45HP-10	120V	14" x 24"	10 - 50 GPM	\$495
MP000350	45HP-10	220V	14" x 24"	10 - 50 GPM	\$495



MangOX-Plus Iron Filters IR

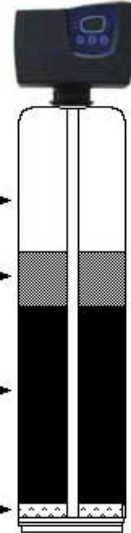


Intermittent Regeneration Series 7000SXT

- Highest flow rate of any iron removing media.
- Removes iron, manganese, sediment
- Filters to 5 microns
- No potassium permanganate required.
- Just add bleach 2-4 times a month to the solution tank (takes 2-3 minutes), just lift lid and pour in.
- Fully automatic backwash cleans and regenerates the filter media with chlorine .
- Will remove low levels of hydrogen sulfide. For high levels use the continuous regeneration type MangOX-Plus system.
- System includes filter tank, filter media, Fleck 7000SXT electronic control valve, solution tank , bypass valve, and free shipping.
- Backwashes based on days of week, and/or metered flow based on actual gallons of water used with optional built-in flow sensor.
- Complete instructions included. Any plumber or person familiar with basic plumbing can install these systems. Follow local codes.
- Free UPS ground shipping included in price.



Fleck 7000SXT electronic backwash control valve for years of reliable service. Easy to install.



Free Space for filter bed expansion during backwash

Chemsorb layer of media removes sediment, turbidity to 5 microns

MangOX high-performance filter media removes iron, manganese and odors

Base filter gravel and Vortech Distributor keep media from channeling, reduces backwash time by 30% saving water.

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

Water flows in from the top down through the MangOX Plus 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 7000 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 MangOX Plus media is first backwashed thoroughly. During the backwash, water flows down the distributor tube and up through the MangOX media and out to drain, flushing out the accumulated iron and manganese and sediment.

After the backwash, chlorine bleach solution is sucked out of the solution tank, and the MangOX 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. Because the chlorine is degraded and 'consumed' by the MangOX media during the process, the chlorine rinse does not have a negative impact on septic systems.

MangOX-Plus-IR 7000SXT Iron Filters includes filter tank, filter media, solution tank, Fleck 7000SXT electronic control valve, bypass valve. and chlorine solution tank and built-in injector. 1" or 3/4" pipe. Optional flow built-in flow sensor available for \$69 additional.

PART #	Tank Size in inches	Width /Height	Media Cubic Ft	Service Flow GPM	Backwash GPM*	Price
FE009840	9x48	9" x 55.5"	1.0	5	7	\$958
FE009850	10x54	10" x 61.5"	1.5	7	10	\$1068
FE009860	12x52	12" x 59.5"	2.0	9	12	\$1294
FE009870	13x54	13" x 61.5"	2.5	12	15	\$1348

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 insure the filter can be cleaned properly.

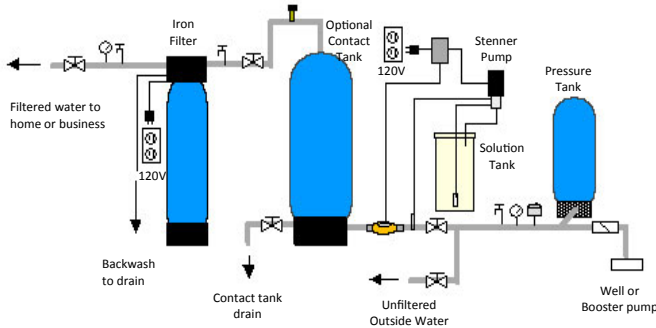
6 MONTH MONEY BACK GUARANTEE. If you are not satisfied simply return for your money back. 10 Year Warranty on filter tank. 5 Year Warranty on backwash control valve. Questions? Email us at info@cleanwaterstore.com or call toll-free 888-600-5426.



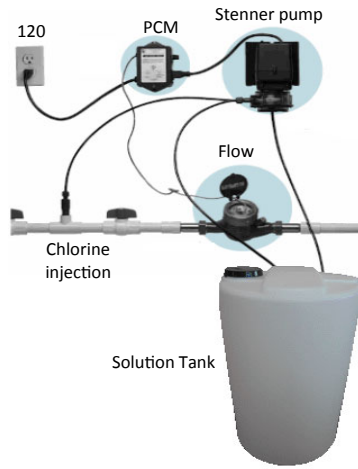
Our iron filter systems use the advanced Vortech tank and distributor which reduce backwash water requirements by 30%.



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 its 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.



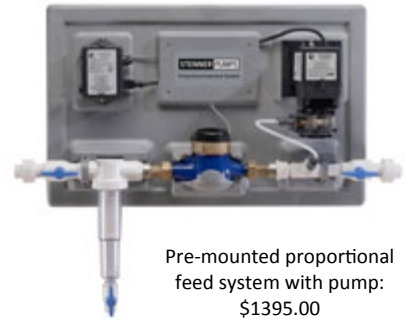
Proportional Flow System Diagram



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.

- P7001760 PCM5 Module 120V \$199
- P7002390 Flow Sensor 3/4" (1 to 30 GPM) \$243
- P7002300 Flow Sensor 1" (1 to 50 GPM) \$281

Pre-Piped Proportional Flow System



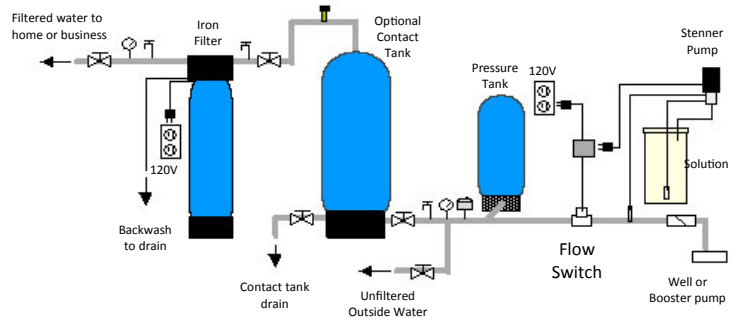
Pre-mounted proportional feed system with pump: \$1395.00

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.

PART #	Pipe Size	Voltage	Price
X1000160	1"	120V	\$240
X1000170	2"	120V	\$305



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



Free UPS Ground Shipping in U.S.A. International shipping available. Satisfaction guaranteed or your money-back. Thousands served worldwide since 1985. Members of Better Business Bureau, Water Quality Association & American Water Works Association.

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.

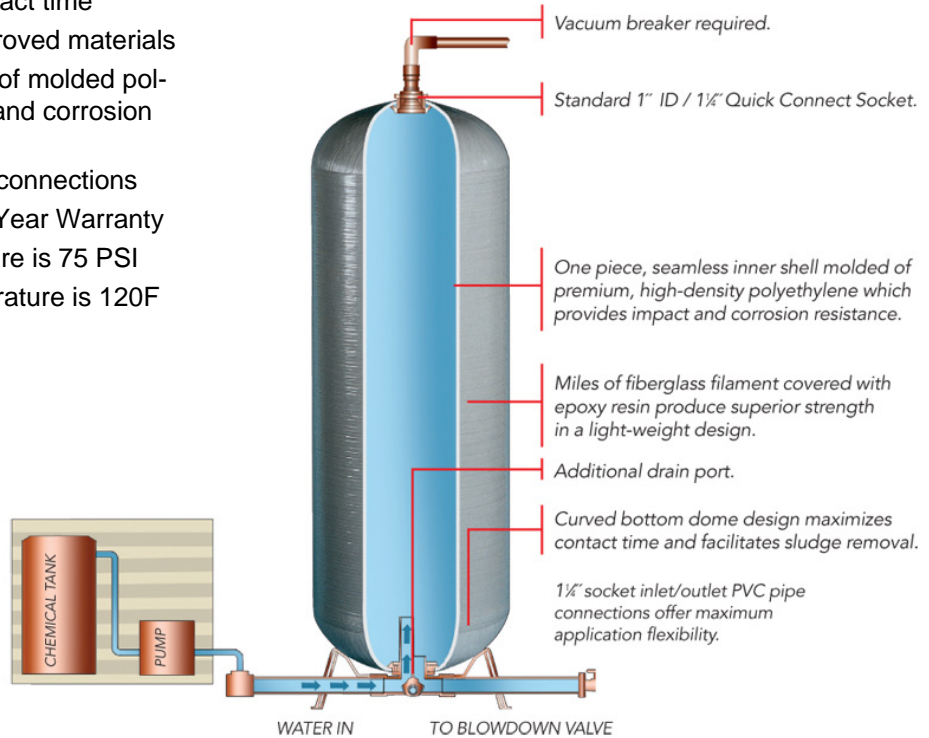


Well-Mate Contact Retention Tanks



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 120F



PART #	Model	Dimensions	Pipe Fittings	Gallons Capacity	Price
T2000760	CT-30	16" x 45"	1-1/4 PVC	30	\$290
T2000690	CT-40	16" x 58"	1-1/4 PVC	40	\$318
T2001120	CT-40-SQ	21" x 36"	1-1/4 PVC	40	\$318
T2000400	CT-80	21" x 63"	1-1/4 PVC	80	\$549
T2000680	CT-120	24" x 74"	1-1/4 PVC	120	\$698
T2000770	WM-RT-200	30" x 79"	2" NPT	200	\$3433
T2000780	WM-RT-270	36" x 81"	2" NPT	270	\$3740
V3000820	N36 Vacuum Breaker 1/2"				\$39



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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.

