

HydraPLUS⁺ Professional

Filox® Iron, Manganese, & Hydrogen Sulfide Filter

Used with chemical oxidants to treat extremely high iron, manganese, and hydrogen sulfide levels and challenging organic iron problems

HydraPlus™ Filox® filters combine the industry's most advanced control valve, a brand name media tank made in North America, and the industry's most potent catalyst for the removal of iron, manganese, and hydrogen sulfide (rotten egg odour). The filter's control valve features metered backwash, 6-cycle programming (you can change both the duration and order of cycles), color-coded back-lit display, programmable service reminders (with dealer name and phone number display), advanced diagnostics, battery back-up, two relays to connect to accessory devices, and more.

- ◆ The most powerful iron removal catalyst on the market today
- ◆ When combined with chemical oxidants, able to treat extremely high levels of iron, manganese and H₂S, and challenging organic iron problems
- ◆ Able to treat higher flow rates with less pressure loss than most competitive systems
- ◆ Advanced control valve with fully-automated backwash and low maintenance
- ◆ Effective over extremely wide pH range



Where the water to be treated has Oxygen Reduction Potential (ORP) of greater than negative 170 millivolts, Filox can be applied effectively without additional oxidizers being added, or chemical regeneration. However, to ensure adequate ORP is always present, and to boost performance, we generally recommend users consider an Air Injection Oxidation (AIO) style filter when applying Filox® without a chemical oxidant being added - See our AIO-F-HP Series AIO Iron, Manganese, and Hydrogen Sulfide filters for more details.

Our non-AIO Filox® filters are best applied when a chemical oxidant like chlorine, hydrogen peroxide (not recommended for manganese removal), or potassium permanganate is being injected upstream. While contact time between the chemical injection point and Filox® filter is not always necessary, contact time of 5 to 20 minutes is preferred depending on the complexity of the water chemistry. When applied in this manner, Filox® is capable of removing extremely high iron, manganese and hydrogen sulfide levels, and in treating difficult organic iron problems. Filox® generally removes residual oxidants at the same time!





- No filter cartridges to replace
- Long-life media
- Fully automated periodic backwash



- Removes dissolved iron up to 15 ppm!
- Removes up to 3 ppm manganese
- Improves clarity and prevents staining



- Prevent stains from damaging your plumbing fixtures, water heater, and appliances
- No more discolored laundry

Popular Add-Ons and Accessories

Vortech



Enpress Vortech® Tank Upgrade

Looking to reduce water consumption and waste? With an upgrade to a Vortech® media tank, you can reduce your backwash and rinse water volume by 30 to 40%! A Vortech® tank upgrade is a great option for homes with low-yield wells or in areas prone to drought and water restrictions where water conservation is important.

No Raw Water Bypass Valve

During backwash, HydraPlus™ systems will continue to supply service water, however, it will be untreated. If it is essential to prevent untreated water from reaching the building during backwash, a No Raw Water Bypass Valve can be added to the system.

Bypass and Fittings

All HydraPlus™ systems come standard with a bypass assembly included as well as 1 inch NPT elbow (Clack® V3007) connection fittings. A wide range of alternative connection fittings can be ordered separately in 3/4 and 1 inch sizes, including NPT thread, Shark Bite®, John Guest®, and sweat/solder options.



Specifications & Operating Conditions

F-HP Series	8-44	9-48	10-54	12-52	13-54	14-65
Optimal Service Flow Rate (GPM)*	4	6	8	12	16	20
Maximum Service Flow Rate (GPM)*	5	7.5	10	15	20	25
Backwash Flow Rate at 40F / 70F Water Temp (GPM)	4.2 / 6.5	6.5 / 7.5	7.5 / 9	10 / 13	13 / 15	15 / 20

Min. / Max. Water Pressure	20 / 90 PSI**
Recommended Water Pressure	40 to 70 PSI**
Water Temperature	40°F to 100°F (4°C to 38°C)***
Minimum Air Temperature	38°F (4°C)***
pH Range	7.0 to 8.5****

	No Oxidant Added	Oxidant Added
Max. Iron Level	5 ppm (mg/l)	15 ppm (mg/l)
Max. Manganese Level	1.5 ppm (mg/l)	4 ppm (mg/l)
Max. Hydrogen Sulfide Level	2 ppm (mg/l)	5 ppm (mg/l)
Max. Total Organic Carbon (TOC) Level	3 ppm (mg/l)	pilot testing rec.
Min. ORP Level	negative 170 millivolts	N/A

* For best contaminant removal, the optimal service flow rate specified for your model should not be exceeded.

** If your water pressure is greater than 70 PSI, we strongly recommend that a pressure reducing valve be installed ahead of the HydraPlus™ system.

*** The system cannot be exposed to freezing conditions or severe damage to the system and your property could occur.

**** pH correction is strongly recommended where the pH level is less than 7.0.

Manufactured By:



5-1490 Pearson Place

Kamloops, BC V1S 1J9 Canada

Toll Free: 1-866-376-2690 Email: info@waterwholesaler.com

www.waterwholesaler.com

Distributed By: