



Filox-R filters for iron & Hydrogen Sulfide reduction

Filox media with the user-friendly Watts valve creates an economical Iron and Hydrogen Sulfide filtration system that outperforms traditional Greensand and Birm systems. The superior oxidation and filtration of the Filox media when combined with the high flow capacity of the Watts backwashing system creates a economical, efficient, and effective water filtration system.

Features & Benefits

- User friendly, Low maintenance electronic time clock valve
- Control valve design provides optimum service and backwash rates
- Solid state microprocessor with easy access front panel settings
- 12-volt transformer provides safe and easy installation
- Stores system configuration and operation data in nonvolatile memory
- 10 selectable pre-programmed regeneration cycles
- Double backwash feature offers efficiency and optimum regeneration and cleaning ability
- Days between regeneration feature: 1–99 days standard; 7-day optional
- Superior high efficiency media for filtration and removal capabilities
- Water only regeneration – no chemicals needed*
- 80% manganese dioxide for enhanced performance and capacity
- Highest flow rate of any standard iron reduction system

Operating Conditions

Active Ingredient	75-85% Manganese Dioxide
Service Flow	6 gpm/cu.ft.
Freeboard	30-50%
Backwash rate	12-15 gpm/sq.ft @ 60F
Bed depth	20 inch Minimum
pH Range	5.0 – 9.0
Removal Capacity (Exhaustion)	
Iron	15.0 ppm (27 ppm)
Hydrogen Sulfide	7.0 ppm (17 ppm)
Manganese	3.0 ppm (11 ppm)

Comparative Information

Product Name	Active Ingredient	Relative life expectancy
Birm	< 0.01% Manganese Dioxide	1
Greensand	0.5% Manganese Dioxide	50 X Birm
Filox-R	75% - 85% Manganese Dioxide	7500 X Birm

Models

Part Number	Valve	Mineral Tank Size	Media Cubic Ft.	Gravel (Lbs)	Service Flow (GPM)	Drop (PSI)	Back Wash (GPM)	Floor Space LxWxH	Shipping Weight (Lbs.)
NF09-W100F	W100TC	9X48	1.0	10	6	< 15	5.3	16X10X55	110
NF10-W100F	W100TC	10X54	1.5	10	9	< 15	7.5	16X11X62	160
NF12-W100F	W100TC	12X52	2.0	20	12	< 15	10	17X13X60	215
NF14-W100F	W100TC	14X65	3.0	40	18	< 15	15	18X15X74	350
NF16-W100F	W100TC	16X65	4.0	50	24	< 15	20	20X17X74	500
NF21-W100F	W100TC	21X62	5.0	100	27	< 15	25	22X23X70	730

*Note: Additional oxidizing chemicals may be required or used based upon water quality to enhance the iron reduction rate