

Fusion² Water Conditioner Model Guide

FOR RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS

The Inside Story:

The Waterite F Series Automatic Control Valve

The Waterite F-Series control valve is the heart of the Fusion² family of filters and selective ion exchange water conditioners. The latest generation of design assures years of trouble free service. With service and backwash rates up to 27 GPM, Waterite F-series valves feature integrated circuit boards, proven piston technology and multiple sequence programming. The valve may be disassembled and serviced in minutes, making it a breeze to service.



FILTER TYPE	FILTER MODEL	TANK SIZE	CF MEDIA	NORMAL/PEAK FLOW GPM	B/W RATE GPM
Paterson Iron Filter	P1054F2	10 X 54	1.5	2.5 / 5.0	5.0
	P1248F2	12 X 48	2.0	3.0 / 6.0	7.0
	P1354F2	13 X 54	2.5	4.0 / 8.0	10.0
IRON FIST Filters	FPF9K	9 X 40	0.8	2.0 / 4.0	15.0
	FPF10K	10 X 47	1.0	2.5 / 5.0	18.0
Multi-Media Filters	FMF10A	10 X 47	1.0	2.5 / 5.0	5.0
	FMF15A	10 X 54	1.5	3.0 / 6.0	7.0
	FMF20A	12 X 48	2.0	4.0 / 8.0	10.0
	FMF25A	13 X 54	2.5	4.5 / 9.0	11.0
	FMF30A	14 X 65	3.0	5.0 / 10.0	12.0
	FMF40A	16 X 65	4.0	7.0 / 14.0	15.0
Carbon Filters	FCF10A	10 X 47	1.0	2.5 / 5.0	5.0
	FCF15A	10 X 54	1.5	3.0 / 6.0	5.0
	FCF20A	12 X 48	2.0	4.0 / 8.0	7.0
	FCF25A	13 X 54	2.5	4.5 / 9.0	8.0
	FCF30A	14 X 65	3.0	5.0 / 10.0	10.0
	FCF40A	16 X 65	4.0	7.0 / 14.0	12.0
Filter Ag Filters	FAF10A	10 X 47	1.0	2.0 / 4.0	5.0
	FAF15A	10 X 54	1.5	2.5 / 5.0	5.0
	FAF20A	12 X 48	2.0	3.0 / 6.0	7.0
	FAF25A	13 X 54	2.5	4.0 / 8.0	8.0
	FAF30A	14 X 65	3.0	5.0 / 10.0	10.0
	FAF40A	16 X 65	4.0	7.0 / 14.0	12.0
MTM Filters	FMT10A	10 X 47	1.0	2.5 / 5.0	5.0
	FMT15A	10 X 54	1.5	3.0 / 6.0	5.0
	FMT20A	12 X 48	2.0	4.0 / 8.0	7.0
	FMT25A	13 X 54	2.5	5.0 / 10.0	10.0
Greensand Filters	FMG10A	10 X 47	1.0	2.5 / 5.0	5.0
	FMG15A	10 X 54	1.5	3.0 / 6.0	7.0
	FMG20A	12 X 48	2.0	5.0 / 8.0	10.0

Fusion²
www.waterite.com

YOUR **Fusion²** FILTER AND WATER CONDITIONER DEALER



Fusion²

Automatic Water Filters and
Specialty Conditioners.

A FUSION OF WATER TECHNOLOGY AND PRACTICALITY.

Waterite

brings pure water to life

The **Fusion²** collection of electronic water conditioners and filters.

High performance systems to meet residential or light commercial water conditioning challenges.

Fusion² Specialty Ion Exchange Water Conditioners

The fully electronic **Intellogic[®] Ultra** control features clock or metered brining, multiple cycle sequencing, and upflow or downflow brining. An extra-rigid brine tank and Midnight Black tank jacket complete the package. High-performance **Excelclear** selective reduction anion or cation resins are available for nitrates, organic colour, uranium and other contaminants. Mixed bed systems with the **Fusion²** static valve are also available for deionization applications with Waterite's own MBX115 resin. Systems available from .7 CF to 5.0 CF with peak service flow rates up to 25.0 GPM.



Fusion² Chemical-Free **Paterson Iron Remover**

Waterite's wide range of water conditioners includes the original Paterson chemical-free iron remover, a highly effective solution to iron staining and rusty water. This rugged system injects air to oxidize ferrous (clear water) iron and removes the resulting ferric (red water) iron from your water supply. Features include the famous Micronizer air injector, Midnight Black tank jacket and the F2TC fully automatic valve. Waterite's patented Paterson system never needs chemicals! Available in 1.5, 2.0 and 2.5 CF sizes with service flow rates up to 8.0 GPM. Dealer will specify contact tank size required.

IRON FIST[®] H₂S and Iron Filter Systems

Iron Fist systems use Pyrolox(tm) catalytic media to eliminate the corrosion, odour and staining due to H₂S and iron in drinking water without the need of any chemical media regeneration or contact tanks. Fully automatic, each system comes with the Waterite valve 5-year limited warranty and a limited 10-year warranty on the mineral tank.



Fusion² Multi Media and Special Media Filters

Each water filter application can present a unique set of challenges. Waterite's **Fusion²** filter family can help meet them all. Available with a wide selection of media, **Fusion²** filters can be tailored to meet individual customer needs, up to 4.0 CF with service flow rates up to 14.0 GPM. Waterite automatic filters and conditioners are also commonly used for pre-treatment of commercial reverse osmosis systems.



- Multi-media sand and gravel filtration for the reduction of turbidity (suspended particulate) to approximately 15 microns. Crushed aggregate filtration (Filter Ag(tm), crushed pumice) for the reduction of fine suspended particulate to approximately 30 microns.
- Waterite's **CENTURION**, **CENTURION 'C'** and **CENTURION '7'** high performance, acid washed activated carbon filters are commonly used for the reduction of chlorine and its by-products, THMs, VOCs, organic colour, H₂S, odours and particulate.

Fusion² water conditioners feature **Waterite** control valves



Fusion² Manganese Greensand and MTM[™] Filters

Useful for filtration when elevated iron, hydrogen sulphide and manganese are found in the water supply. Both of these proven filtration medias require periodic regeneration with potassium permanganate. Manganese greensand is a natural, mined material and MTM is a manufactured media. MTM has an advantage in applications requiring a lower backwash rate to achieve optimum bed expansion. Models are available up to 2.5 CF with peak service flows up to 10.0 GPM.

All MTM and MG filter systems are equipped with the Waterite F2TC control valve, potassium permanganate feeder, the initial dose of potassium permanganate and a Midnight Black tank jacket.



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