

RESIDENTIAL METALEASE™ FILTERS



SWT POINT-OF-ENTRY IRON, MANGANESE & HYDROGEN SULFIDE FILTERS



Safe Water Technologies' Residential Iron, Hydrogen Sulfide, Manganese Filters are built utilizing SWT's MetalEase™ filter media as the primary layer. These chemical-free filters are designed to remove dissolved metals (such as iron), silt, and turbidity from water. Vigorous backwashing keeps the bed clean. Plus, these systems now feature SWT's new Cyclonic Distributor System™ to provide full bed contact, less channeling, and superior backwashing (see reverse side).

- Removes up to **10 ppm iron, 5 ppm hydrogen sulfide, 5 ppm manganese**
- **Reduces other heavy metals** such as copper, zinc, lead, etc.
- **No chemicals required**
- **100% corrosion-free** system
- **Energy efficient controller** uses less than \$5.00 of electricity per year
- Choice of **piston driven (Tech Series)** or **cam driven (Logix Series)** valves
- All **international voltages** available

Part Number	Tank Size Inches	Service Flow Rate *		Backwash 30% Exp. @ 60°F GPM (LPM)	Standard Connection Size
		Standard GPM (LPM)	Peak GPM (LPM)		

Tech Series Automatic Backwashing MetalEase™ Filters

MFA062C-018	8 x 44	3-5 (11-19)	6 (23)	7 (27)	1 inch Brass Sweat
MFA075C-025	9 x 48	4-6 (15-23)	8 (30)	9 (34)	1 inch Brass Sweat
MFA113C-027	10 x 54	6-8 (23-30)	10 (38)	12 (45)	1 inch Brass Sweat
MFA150C-040	12 x 52	8-10 (30-38)	11 (42)	15 (57)	1 inch Brass Sweat
MFA200C-045	13 x 54	9 (34)	13 (49)	20 (76)	1 inch Brass Sweat
MFA250C-053	14 x 65	11 (42)	15 (57)	22 (83)	1 inch Brass Sweat

Logix Series Automatic Backwashing MetalEase™ Filters

MFA062L-018	8 x 44	3-5 (11-19)	6 (23)	7 (27)	1 inch Copper Tube
MFA075L-025	9 x 48	4-6 (15-23)	8 (30)	9 (34)	1 inch Copper Tube
MFA113L-027	10 x 54	6-8 (23-30)	10 (38)	12 (45)	1 inch Copper Tube
MFA150L-040	12 x 52	8-10 (30-38)	11 (42)	15 (57)	1 inch Copper Tube
MFA200L-045	13 x 54	9 (34)	13 (49)	20 (76)	1 inch Copper Tube
MFA250L-053	14 x 65	11 (42)	15 (57)	22 (83)	1 inch Copper Tube

* For superior filtration, reduce flow rates by 1/3 of the standard flow rate specification.

Tank jackets available, see reverse side.

International voltages available at additional cost.

All systems have other piping connections available. Contact your SWT representative for more details.

Operating Pressure: 20 to 125 psi (1.4 to 8.6 bar)

Operating Temperature: 36 to 120°F (2 to 48.9°C)

All pressure vessels are wound fiberglass composite tanks with copolymer polypropylene liner and are NSF® listed.

Duplex systems available, call for details.

10 year warranty on tank, 5 year warranty on valve.

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OPTIONAL CHROME TANK JACKET



No unsightly exposed tank neck

Durable textured black cover

Made of high-impact polystyrene for exceptional strength and durability

Fully insulated to add protection to the tank and eliminate condensation

Attractive high gloss chrome finish

Light weight and easy to install

Resists UV degradation

Options

Part Number	Description
RG-TJ0844EC	Chrome Tank Jacket, 8 x 44 inch
RG-TJ0948EC	Chrome Tank Jacket, 9 x 48 inch
RG-TJ1054EC	Chrome Tank Jacket, 10 x 54 inch
RG-TJ1252EC	Chrome Tank Jacket, 12 x 52 inch
By Request	Substitute 0.75 Copper Fittings
By Request	Substitute 0.75 or 1 inch PVC Socket Fittings
By Request	Substitute 0.75 or 1 inch PVC NPT Fittings
By Request	Substitute 0.75 or 1 inch Brass NPT Fittings



SWT Treatment Systems Now Include CYCLONIC DISTRIBUTOR SYSTEM™

- Up to 30% less backwash flow rate is required...conserving water for the customer.
- Distributor plate is designed for more than 6,500 lbs load capacity.
- Reduces system pressure loss while increasing flow and efficiency through the bed.
- Available for 7, 8, 9, 10, 12, 13, 14, and 16 inch systems.

SWT's Cyclonic Distributor System™ (CDS) is a built-in bottom plate distributor which offers significant advantages over standard distribution systems — from the elimination of gravel underbedding (reducing overall cost and shipping weight) to the permanent attachment of the riser tube and distributor plate (eliminating re-bedding when servicing the valve).

This environmentally friendly design offers the most efficient service and backwashing characteristics available — reducing the amount of water to drain in backwash, while increasing the overall filtration capacity of a system.