

# RESIDENTIAL ARSENIC FILTERS



## SWT METALEASE-AS™ FILTERS



### Now with more active oxidation than standard MetalEase!

SWT's Residential Arsenic Filters are built utilizing SWT's MetalEase-AS™ (Advanced Structure) filter media as the primary layer. These chemical-free filters are designed to remove arsenic and additional dissolved metals from water. Vigorous backwashing keeps the bed clean. Plus, these systems feature SWT's revolutionary Cyclonic Distributor System™ to provide full bed contact, less channeling, and superior backwashing (see reverse side).

- Reduces **arsenic, lead, iron, manganese, hydrogen sulfide, copper, zinc, gross-alpha/beta emitters (radioactive particles), and more**
- **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

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-AS™ Filters

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

### Logix Series Automatic Backwashing MetalEase-AS™ Filters

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

**NOTE: Most applications need to remove arsenic-3 before treatment of arsenic-5 can begin.**

**AS (arsenic-3) and AS-5 (arsenic-5) cartridges are available for pilot testing water.**

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.

# RESIDENTIAL ARSENIC FILTERS



## SWT METALRELEASE-AS™ FILTERS



**Operates  
Without  
Electricity**

### Manual MetalEase-AS™ Filters

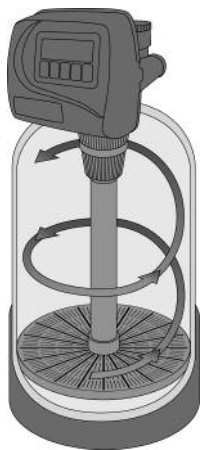
Part Number	Tank Size Inches	Service Flow Rate *		Backwash 30% Exp. @ 60°F GPM (LPM)	Standard Connection Size
		Standard GPM (LPM)	Peak GPM (LPM)		
MFM062F-018-AS	8 x 44	3-5 (11-19)	6 (23)	7 (27)	1 inch Brass MNPT
MFM075F-025-AS	9 x 48	4-6 (15-23)	8 (30)	9 (34)	1 inch Brass MNPT
MFM113F-027-AS	10 x 54	6-8 (23-30)	10 (38)	12 (45)	1 inch Brass MNPT
MFM150F-040-AS	12 x 52	8-10 (30-38)	11 (42)	15 (57)	1 inch Brass MNPT
MFM200F-045-AS	13 x 54	9 (34)	13 (49)	20 (76)	1 inch Brass MNPT
MFM250F-053-AS	14 x 65	11 (42)	15 (57)	22 (83)	1 inch Brass MNPT

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

### Options

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 inch 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's Water Treatment Systems Include the Revolutionary 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.