

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 METALEASE-AS™ FILTERS



**Operates
Without
Electricity**

Manual MetalEase-AS Filters

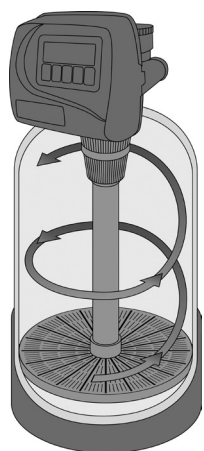
Part Number	Tank Size Inches	Service Flow Rate*		Backwash 30% Exp. @ 60°F GPM (LPM)	Standard Connection Size
		Standard GPM (LPM)	Peak GPM (LPM)		
MFM075F-AS	8 x 44	3-5 (11-19)	6 (23)	7 (27)	1 inch Brass MNPT
MFM113F-AS	9 x 48	4-6 (15-23)	8 (30)	9 (34)	1 inch Brass MNPT
MFM150F-AS	10 x 54	6-8 (23-30)	10 (38)	12 (45)	1 inch Brass MNPT
MFM200F-AS	12 x 52	8-10 (30-38)	11 (42)	15 (57)	1 inch Brass MNPT
MFM250F-AS	13 x 54	9 (34)	13 (49)	20 (76)	1 inch Brass MNPT
MFM350F-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 3/4 inch Copper Fittings
 By Request Substitute 3/4 or 1 inch PVC Socket Fittings
 By Request Substitute 3/4 or 1 inch PVC NPT Fittings
 By Request Substitute 3/4 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 lb 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 rebedding 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.