



CONTROL VALVE



PRESSURE TANK



**ECONOMICAL
& EASY TO
MAINTAIN**

Water Filter

Economical, Chemical-Free Reduction of Iron, Manganese and Hydrogen Sulfide

The AIO's single tank, space-saving design uses a unique process to create an air bubble at the upper portion of the tank to oxidize ferrous iron prior to being filtered by the media. It can also be used to reduce low concentrations of dissolved hydrogen sulfide and manganese from water.

KEY FEATURES

Iron Reduction: Special media in the AIO and AIOM increases the pH of the water to enhance iron reduction and acts as a physical barrier to trap iron precipitate. The iron, manganese and hydrogen sulfide are reduced more effectively with high pH water.

Economical & Easy to Maintain: Reduces iron, manganese and hydrogen sulfide (H₂S) without chemicals, air pumps or a venturi.

Lasting Performance: The AIO regenerates to replenish the supply of oxygen and reduce iron from the media bed.

Inlet Check Valve: The filter is fitted with an inlet check valve to prevent any air from flowing backwards out of the filter tank.

VALVE FEATURES

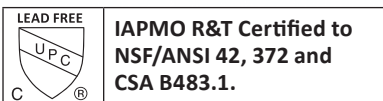
3/4" 90-Degree Elbows
Included for easy installation.

Timesaving Quick Connect Fittings & Pre-Installed Bypass
Quick connect fittings on bypass, drain line (10' included), air check valve and power cord, for easier, faster installations.

Simple Electronics
Just set time of day, hardness (compensated iron) and number of people.

Optional Regeneration Modes
Meter immediate, meter delayed, meter override, calendar clock modes.

48-Hour Programming Memory
Automatic programming restore for up to 48 hours during power loss.



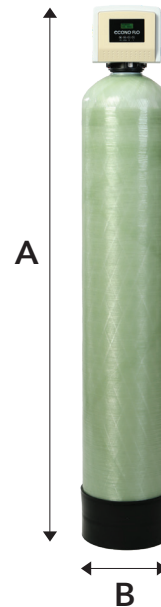
Technical Specifications

PROFESSIONALLY ENGINEERED FOR PERFORMANCE

SPECIFICATIONS	CHEMICAL FREE IRON FILTER		
	EFAIO-075	EFAIO-100	EFAIO-150
	82231	82232	82233
	CHEMICAL FREE IRON FILTER FOR LOW PH AND/OR HIGH MANGANESE		
	EFAIOM-075	EFAIOM-100	EFAIOM-150
	82235	82236	82237
	HYDROGEN SULFIDE REDUCTION FILTER		
	EFAIOC-075	EFAIOC-100	EFAIOC-150
	82238	82239	82240
Service Flow Rate	2.0 US gpm	3.0 US gpm	4.0 US gpm
Peak Flow Rate	4.0 US gpm	6.0 US gpm	10.0 USgpm
Backwash Flow Rate	3.5 US gpm	4.0 US gpm	5.0 US gpm
Media (Cubic Feet)	0.75 ft ³	1.0 ft ³	1.5 ft ³
Pressure Tank Size (Inches)	8 x 44	9 x 48	10 x 54
Shipping Weight	AIO: 99 lbs	AIO: 130 lbs	AIO: 169 lbs
	AIOM: 97 lbs	AIOM: 127 lbs	AIOM: 166 lbs
	AIOC: 57 lbs	AIOC: 66 lbs	AIOC: 85 lbs
Media Loaded	Yes	Yes	Yes
Maximum Iron	AIO & AIOM: 0.0 - 10.0 ppm AIOC: 0.0 ppm		
Hydrogen Sulfide	AIO & AIOM: 0.0 - 1.0 ppm AIOC: 0.0 - 3.0 ppm		
Manganese	AIO & AIOC: 0.0 ppm AIOM: 0.0 - 1.0 ppm		
pH Range	AIO & AIOC: 7.0 - 8.5 AIOM: 6.5 - 7.5		
Plumbing Connections	INCLUDES 3/4" 90° NPT ELBOWS		
Electrical Requirements	INPUT 120V 60 Hz - OUTPUT 12V 650mA		
Water Temperature Limits	MIN 40° - MAX 110° F (4° - 43° C)		
Water Pressure Limits	MIN 30 - MAX 125 PSI (207 - 862 KPA)		

DIMENSIONS

EFAIO Filters	075	100	150
TANK/VALVE A x B (inches)	52 x 8	56 x 9	62 x 10



QUICK LINKS



Homeowner's Manual



Installation Guide



Maintenance Guide



Trouble Shooting Guide



Parts Breakdown



Programming Guide



Warranty Sheet

