



IronVision™

The IronVision™ Filter traps the iron, manganese, and sulfur to eliminate staining and odors, murky water, sediment, and acid water.

Benefits of IronVision™:

- Removes hydrogen sulfide gas, rotten egg odor
- Filters iron and manganese, preventing reddish brown or black staining on bathroom and kitchen accessories.
- Correcting low pH will prevent corrosion of your water system and accessories.
- Filtering out turbidity problems will result in clearer, cleaner drinking water.
- Choice of filter medias save the expense of extra equipment by using a combination of minerals in one filter to remove many problems.

Standard Equipment Includes:

- IronVision™ Aeration or dwell tank and Vision™ Filter
- Choice of filter media for application*
- Fiberglass Mineral Tanks
- Full 1" Internal Piping
- Automatic backwashing control valve, capable of being custom tailored to your specific application
- Auto Air Pump™, Auto Feed Pump™, or Micronizer
- Connecting Manifold with Meter and Meter Control
- Air-In connection
- Filtered and Unfiltered Sample Valves
- 1" Stainless Steel Bypass (sold separately)

Filter Dimensions:

Model	A	B	C	D
IV**10V***	56	9	48	49.75
IV**15V***	62	10	54	55.75

A= Overall height in inches
 B= Tank diameter in inches
 C= Tank height in inches
 D= Inlet height in inches (Center of 1" FNPT Standard)

* May Require Application Engineering
 **A (Auto Air Pump™), F (Auto Feed Pump™), M (Micronizer)
 ***Choose Media (see Filter Media page)

Filter Specifications:

Model	Mineral Volume (Ft.3)	Peak Flow (GPM)	Back-wash Rate (GPM)	Shipping Weight (Lbs)
IV**10V***	1	5.0	5.0	140
IV**15V***	1.5	7.0	5.0	185

***Choose Filter Media (See Filter Media Page)

Removal Process:

- The IronVision™ Air Pump and Micronizer Filter Systems aerate the water increasing the dissolved oxygen (D.O.). This allows the media to catalyze the D.O. with hydrogen sulfide gas, iron and manganese compounds for filtration as well as correct pH and turbidity.
- The IronVision™ Auto Feed Pump Filter System injects treatment material into the water.

Application Benefits:

- Auto Air Pump™ and Auto Feed Pump™ Systems are ideally suited for constant pressure or jet pump systems
- Standard IronVision™ Systems are programmed on a 12-day timer, and are set to regenerate on the day and time of your choice.
- Filters down to 20-40 micron

Required Conditions:

- Depending on filter media selection, influent water must be non-corrosive
- A pH of 8.5 or greater is required when manganese concentration is equal to iron concentration.
- A pH of 7.8 is required when manganese concentration is 50% iron concentration.
- A pH of 7.0 is required when manganese concentration is 10% iron concentration.
- Periodic backwashing is required

