Water Treatment System

Specifications & Installation Instructions

Product Description

The AgriLogix Water Treatment System is designed to condition water as it flows through the device without the use of chemicals, filters, moving parts, or electrical power. The system is intended for livestock, dairy, agronomy, industrial and residential water applications.

Intended Applications

✔ Dairy Farms

✔ Beef Operations

✔ Poultry Facilities

✔ Swine Operations

✔ Irrigation Systems

✔ Greenhouses

✔ Crop Sprayers

✔ Residential Water Systems

✔ Commercial Buildings

Product Features

- Chemical-free operation
- No electricity required
- No moving parts
- Maintenance-free design
- Corrosion-resistant construction
- Continuous operation
- Easy inline installation
- Designed for long service life

Warranty

Agrilogix Water Treatment Systems: **3-Year Limited Warranty**

**See the enclosed Warranty Certificate for complete terms and conditions.

Technical Specifications

Product Model	IFW 500	IFW 1000	IFW 5000
Connection Size	½ inch NPT	1inch NPT	2 inch NPT
Weight	8.1 lbs	22 lbs	71 lbs
Diameter with bracket	5.5 in	7.5 in	12.5 in
Length	14.5 in	25.75 in	41 in
Housing Material	PVC	PVC	PVC
Internal Components	Stainless Steel & other materials	Stainless Steel & other materials	Stainless Steel & other materials
Maximum Pressure	100 PSI	100 PSI	120 PSI
Minimum Pressure	5 PSI	5 PSI	30 PSI
Operating Temperature	35°F - 170 °F	35°F - 170°F	35°F - 170°F
Minimum Flow Rate	50 GPH	100 GPH	500 GPH
Max Flow Rate	500 GPH	1000 GPH	5000 GPH
Electrical Requirement	None	None	None
Chemical Requirement	None	None	None
Expected Service Life	15 years +	15 years +	15 years +

Safety Information

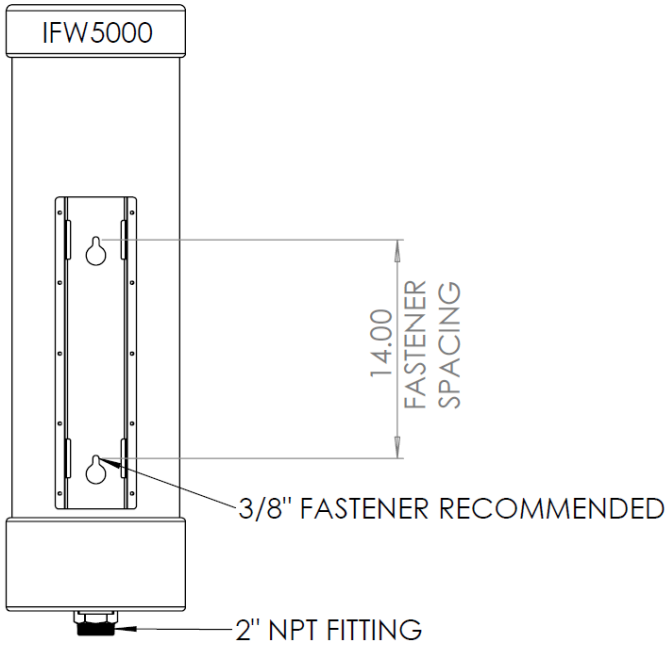
- Do not exceed the maximum operating pressure.
- Do not expose the unit to freezing temperatures while full of water.
- Follow all local plumbing codes.
- Wear appropriate safety equipment during installation.

Installation Requirements

- Install on the pressure side of the main water supply line.
- Follow the flow direction as indicated on the unit.
- Support piping properly.
- Protect the unit from freezing.
- Do not weld directly to the installed unit.
- Flush the water line before installation.
- Install after the pressure tank when applicable.
- Install before water distribution lines.

Installation Instructions

1. Verify the distance between fastener slots on mounting bracket.



2. Drill holes for fasteners for the water unit.
3. Securely fasten unit to the intended surface.

4. Determine the outlet and inlet of the unit by locating the arrows on the plate of the unit with the NPT fittings.



5. If needed, adjust the orientation of the inlet and outlet to the desired location that best suits your plumbing needs. Do this by loosening the two bolts in the rotation locking plate, turning the inlet and outlet to the desired location, and re-tightening the two bolts.



6. Attach your plumbing to the fittings using a sufficient pipe thread sealer. We recommend a heavy duty teflon tape.
7. Tighten snugly but do not over tighten pipe fittings as this can cause damage to the unit.
8. Enjoy the benefits of your Agrilogix water treatment unit.

Operating Instructions

After installation:

1. Turn on the water supply slowly.
2. Inspect all fittings for leaks.
3. Verify proper flow direction.
4. Operate the system normally.

The system operates continuously whenever water flows through the unit.

Maintenance

No scheduled maintenance is required.

Periodically inspect:

- Plumbing connections
- Mounting hardware
- Water leaks
- Physical damage

******IMPORTANT - Protect the unit from freezing ******

When exposed to freezing conditions, the unit must be drained by unhooking the inlet and outlet connection, removing the two drain screws located on the base plate of the unit, then allowing it to drain fully.

Remove Drain Cover (7/16” Socket)



Remove 2 Drain Screws (7/32” Allen)

