



The circuit breaker for every plumbing system™

The FloLogic System™ is an automatic water monitoring and shutoff system designed to minimize damage caused by failures in plumbing system components. FloLogic protects the entire property from a *single installation point* to identify and stop leaks before a small drip becomes a huge problem.



Control Panel

The FloLogic System will detect and stop problematic water discharge resulting from:

- Ruptured supply lines and fittings
- Leaking boilers and water heaters
- Malfunctioning appliances
- Frozen pipes
- Overflowing sinks and toilets
- Pinhole leaks in copper pipes
- Radiant heating distribution lines
- Accidental water waste

Actuator



Ball Valve

Water damage due to plumbing failures and freezing pipes can be catastrophic for any property. To make matters worse, the high humidity conditions that exist after a water loss create the perfect environment for mold growth, a major source of indoor air problems. Because of escalating insurance costs, businesses and homeowners who install the FloLogic System may qualify for a discount on their insurance premiums.

## Flexible.

The FloLogic System combines a precision calibrated low-flow sensor with an intuitive user interface to continuously monitor water use and control a motor-driven ball valve. Certified to IP68 for dust and water ingress protection, the valve and flow sensor assembly can be installed in any orientation in both indoor and outdoor environments. The FloLogic System can be connected to any security or building automation system, alerting the building manager or monitoring service when a leak is detected.

## Reliable.

The FloLogic System continuously monitors all water entering the property and detects any unusual flow, 24 hours a day, seven days a week. An integrated battery provides stand-by power allowing the System to continue to perform these functions even when AC power is lost. If water use exceeds the preset limit, FloLogic automatically closes the valve and sounds an alarm at the Control Panel. The FloLogic System does all of this from a single point in the water main, serving as a first line of defense against water damage.

## Customizable.

When the property is occupied (Home mode), the FloLogic System is preprogrammed to allow 30 minutes of uninterrupted water flow before the valve is closed and the leak alarm is activated. When the property is unoccupied (Away mode), the FloLogic will allow only 30 seconds of uninterrupted water flow. Settings for both Home and Away modes can be easily changed to correspond with any property's water use patterns.

## Standard System Features

- Full-port, lead free, cast bronze construction with stainless steel ball
- Valve physical attributes: 12" long x 4 3/4" deep x 9 1/2" high; 11.5 lbs.
- Can be installed in any orientation in both indoor and outdoor environments
- Features an integrated manual override
- Equipped with 1" threaded union fittings on both ends of the valve.
- Compatible with all domestic water pipe systems
- Capable of detecting water flow at 1/2 ounce (15 ml) per minute
- When AC power is interrupted, System Battery provides power
- When AC power is restored, the Power Supply will recharge the System Battery
- Control Panel has backlit LCD display and soft-touch silicone keypad
- Included communication cable provides for 50 feet between valve and Control Panel. Longer cables are available if needed
- Less than 3.5 pressure drop at 30 GPM. Less than 5 PSI pressure drop at 50 GPM .
- Maximum designed working pressure is 100 PSI
- UL-listed Class II power supply
- Five-year warranty on primary flow path components and one-year warranty on electronics



## Accolades

*Popular Science* honored the FloLogic System with the "Best of What's New" award, which recognizes the 100 best achievements in science and technology each year. The FloLogic System was selected in 2001 by the editors of *Handy Magazine* to receive one of the inaugural *Handy Innovation Awards*. Also in 2001, the FloLogic System was featured in *Fortune Small Business* magazine's annual "Big Idea Issue" and listed as one of the "Top 100 Products" (#55) by *Building Products Magazine*.

*flo*Logic