

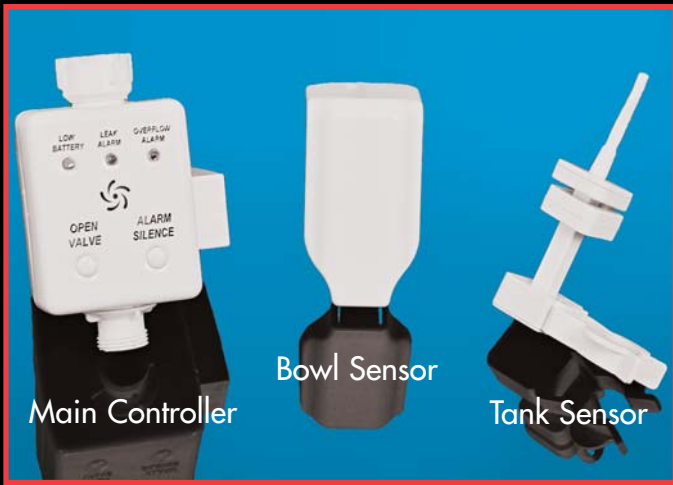
**Reduce Property Damage  
Conserve Water • Save Money**

# FLOWMANAGER™

BY AQUAONE® TECHNOLOGIES INC.

## Stop Overflows and Leaking Toilets Automatically

- Stop destructive and costly overflows, saving thousands of dollars for cleanup, repairs, and property replacement.
- Prevent mold growth due to toilet overflows and leaks.
- Detect and stop leaking toilets, reducing water and sewer costs.
- Resume normal water flow by pressing a single button.
- Stop water flow for the problem toilet only – all other plumbing fixtures are unaffected.
- Increase profits with a great return on investment (ROI), often realized within one year.



### FlowManagers Are...

- Designed for all conventional tank-toilets.
- The result of 4 years of extensive research and testing.
- Equipped with a powerful microprocessor.
- Required to pass 72 inspections and tests.
- Reliable, durable, and of the highest quality.
- Covered by a 2-year manufacturer's warranty.
- Protected by 10 awarded and pending patents.
- Very easy to install with simple push-button operation.
- Powered by safe and common household batteries.
- Easy to clean, with quickly detachable sensors.
- Maintenance-free.

#### FLOWMANAGER COMPONENTS

##### Main Controller

- Receives sensor signals when problems are detected.
- Stops problems by automatically shutting off toilet water flow.
- Activates warning light and optionally sounds alarm.
- Monitors and signals low-battery condition.
- Resumes water flow with the press of a button.

##### Bowl Sensor

- Detects excessive water level in the toilet bowl.
- Signals Main Controller to shut off water supply.

##### Tank Sensor

- Detects water loss from stuck open-flapper events.
- Detects leaking flappers, and leaks through tank cracks and loose bolts.
- Detects rising water level in the tank.
- Signals Main Controller to shut off water supply.

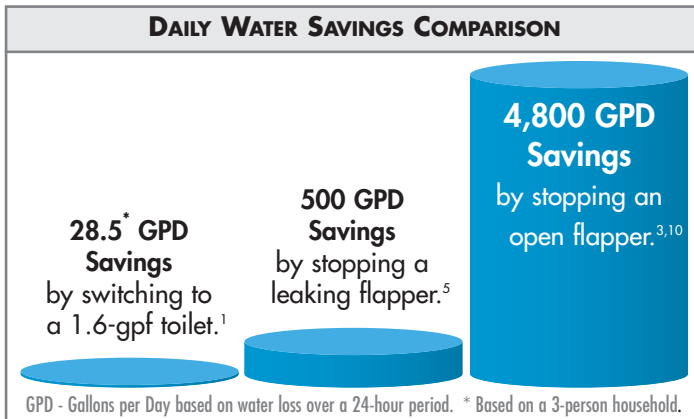
"Seeing is Believing" - For a demonstration  
or more information, please contact:

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## Toilets Leak

- 1 out of 5 U.S. toilets leak daily, causing higher water bills and lower water reserves, reports AWWA.<sup>1</sup>
- The EPA reports a single "silent" leaking flapper can waste up to 500 gallons per day, per toilet.<sup>5</sup>
- A single stuck open-flapper event can lose 4,800 gallons or more per day, per toilet.<sup>3,10</sup>
- SavingWater.org asks, "Have a High Bill, But Don't See a Leak? ...A Leaking Toilet is More Likely the Cause."<sup>11</sup>
- A single 9½ hour open-flapper event wastes more water than the savings gained from 1,000 low-flow flushes (1.6-gpf toilets versus 3.5-gpf toilets).
- 28 out of 33 new 1.6-gpf toilets averaged 2.9 gpf after the original flapper was substituted with a generic replacement flapper.<sup>11</sup>
- FlowManager halts water loss from leaks and stuck open-flapper events regardless of the toilet's gpf volume.



## Toilets Overflow

- 3 out of 4 low-flow toilets studied, clogged or overflowed at least once every 12 months.<sup>4</sup>
- Even newly designed 1.6-gpf toilets still tend to have more overflow problems than 3.5-gpf toilets.<sup>4</sup>
- Of 49 new low-flow toilets tested for flush performance, many ranked as poorly performing.<sup>11</sup>
- Toilet overflows threaten homes and workplaces with...
  - Expensive losses from destroyed property.
  - Costly cleanup, repairs, and replacement.
  - Unhealthy bacteria and toxic mold growth.
  - Accidental slip-and-fall injuries and lawsuits.
  - Higher insurance premiums and lower benefits.
  - Disruption, aggravation, and embarrassment.

### INFORMATION AND RESEARCH SOURCES

1. American Water Works Association Research Foundation – 1999.
2. Calibrated flow meter measurement: small leak created by 1-ply aluminum foil (simulating mineral build-up).
3. Calibrated flow meter measurement: large open flapper leak.
4. Plumbing and Mechanical Magazine – October 2001.
5. Environmental Protection Agency.
6. Centers for Disease Control and Protection.
7. Mayo Clinic Study – 1999.
8. Clean Fax 2000; AWWA Research Foundation; Insurance Media Cleaning and Maintenance Management.
9. Plumbing & Mechanical Magazine – July 2002; Contractor Magazine – July 2002.
10. Fluidmaster, Inc.
11. NAHB Research Center, Upper Marlboro, MD - September 2002



## Avoid Dangerous and Unsanitary Conditions that Contribute to Mold Growth

- Toxic mold can form within one day of an overflow.<sup>6</sup>
- 1 out of 5 people are highly allergic to indoor mold.<sup>7</sup>
- Indoor mold is responsible for a high increase of asthma cases.<sup>8</sup>
- All mold should be treated as a potential health risk and should be removed.<sup>7</sup>
- Bacteria contamination usually requires immediate carpet removal for cleaning or replacement.<sup>9</sup>
- Wastewater on floors contributes to slip-and-fall injuries and exposure to unsanitary conditions.

## Keep Insurance Costs and Claims Down

- Many property insurance policies now exclude toilet water damage and mold cleanup; other policies limit damage to \$5,000.<sup>1</sup>
- Mold cleanup for a residence can cost up to \$50,000, require evacuation, and is a standard exclusion on most policies.<sup>8</sup>
- Many insurance companies are now raising premiums or cancelling policies after paying overflow and leak expense claims.<sup>8</sup>