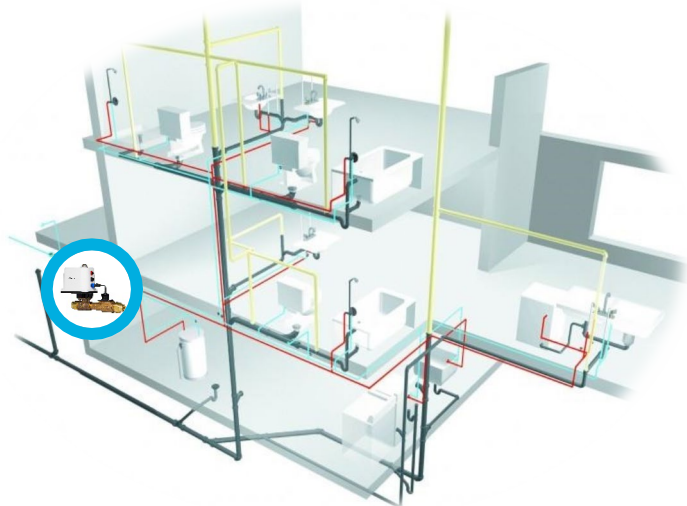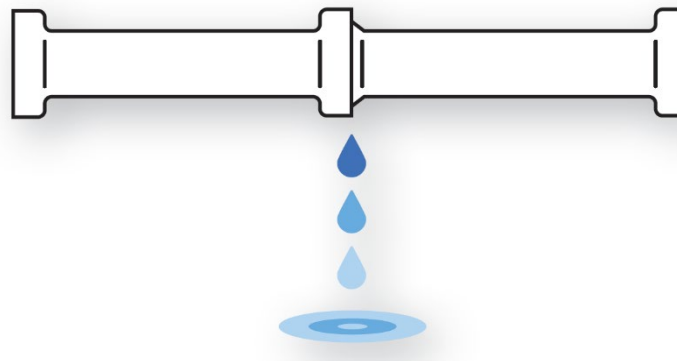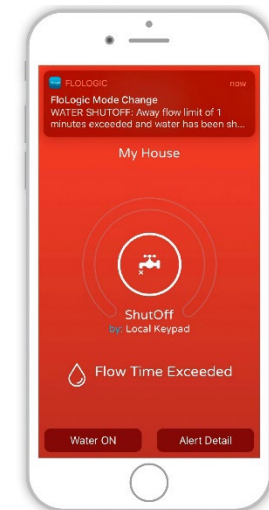# How FloLogic Works

- FloLogic is installed at the point where water enters the home

- The FloLogic EverWatch™ operating system constantly monitors all water in the plumbing supply to detect leaks as small as a 0.5 ounces-per-minute, no matter their location. No other system offers such precise real time leak detection

- While typical water is in intervals, leaks produce a continuous flow. They are automatically stopped as soon as flow times violate your Home or Away settings. You are notified immediately through the app

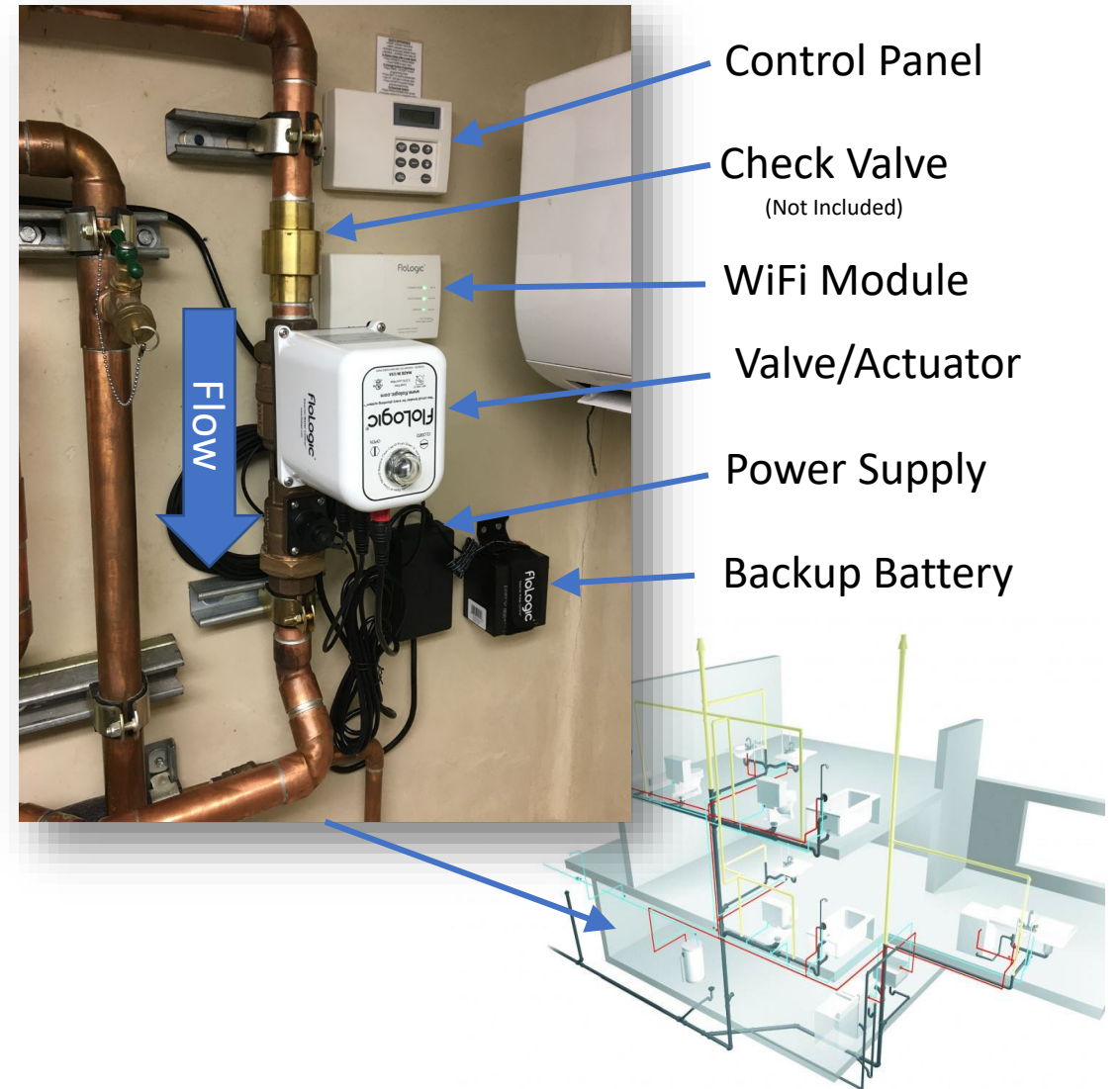Monitors entire cold and hot water supply

See leaks as small as a drip in real time

Automatically stop leaks and immediately alerts you

FloLogic Installation

1. Confirm pipe size (available in 1", 1.5" and 2" valves)

2. Install before lines that feed envelope of home (ensure check valve installed for municipal supplies)

3. Install "after" water softener, pool fill and irrigation lines, or use communication interfaces (relay or flow switch) when installing "before" these extended water-using devices

4. Connect power supply to standard 120v outlet with 21' cord, comm cable to local Control Panel and CONNECT WiFi module (if included). Protect from moisture in outdoor installations by running wires inside or using NEMA enclosure.

5. Test for shutoff with local Control Panel, make any adjustments to default settings, provision CONNECT WiFi module where applicable

See full installation/integration instructions for additional details

Control Panel

Check Valve
(Not Included)

WiFi Module

Valve/Actuator

Power Supply

Backup Battery

Flow

FloLogic®

FloLogic Smart Plumbing Ecosystem Opportunities

System settings and universal interface connections allow various water using appliances that have "permission" to operate without causing false alarms*
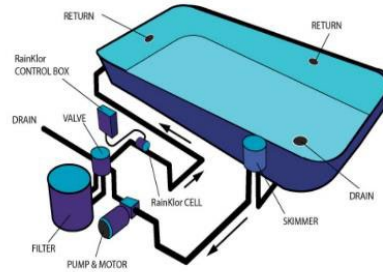

Water Softeners
Through a flow switch connection, automatically places FloLogic into temporary Bypass mode to allow backwash cycles
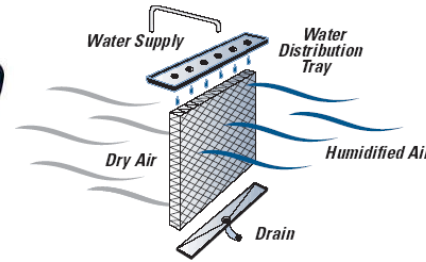
Irrigation Systems
Through a relay connection, automatically places FloLogic into Override mode to allow irrigation zones to run as long as scheduled

Pool Auto Fill
Through a flow switch connection, automatically places FloLogic into Override mode to allow pool line to fill as much as needed

Humidifiers
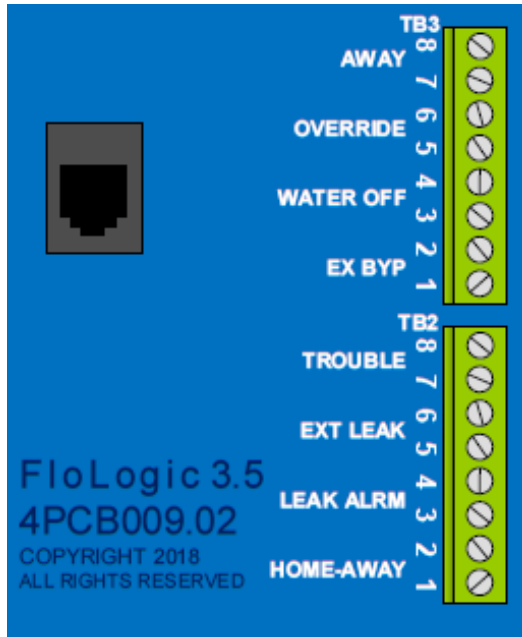Realtime flow readouts inform ideal once/minute flow sensitivity for Winter Mode adjustment

Home Security and Sensors
Through universal "dry contact" connections, sends central station monitoring FloLogic leak alarm notifications, automats FloLogic Home/Away modes based on alarm status, and integrated moisture sensors can tell FloLogic to shut off the water

*Installing FloLogic "after" these devices and supply lines avoids the need for integrations

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FloLogic Smart Plumbing Ecosystem Connections

TB3
AWAY
OVERRIDE
WATER OFF
EX BYP

TB2
TROUBLE
EXT LEAK
LEAK ALRM
HOME-AWAY

FloLogic 3.5
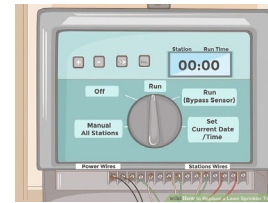4PCB009.02
COPYRIGHT 2018
ALL RIGHTS RESERVED

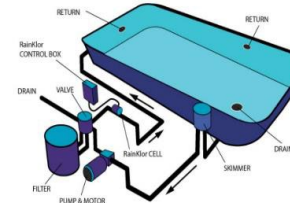**Dry Contacts**
**Located in local
Control Panel**

Security/Smart Home
HOME-AWAY connection syncs modes with alarm armed status; **LEAK ALARM** connection notifies alarm when FloLogic has auto shutoff; moisture sensors from third party device prompt FloLogic shutoff through **EXT LEAK** connection.

Water Softeners
Flow switch in drain line connect into **EXT BYPASS** inputs.
Gems Sensor FS-150 (1/2")

Irrigation Systems
Connect relay from controller to **OVERRIDE** inputs.
RIBU1C 24 Volt

Pool Auto Fill
Flow switch in feed line to **OVERRIDE** inputs.
Gems Sensor FS-150, 200, 480 (pipe size dependent)

Hot Water Recirc
Relay from **WATER OFF** signals relay to cut power to pump when valve closed
RIB01BDC 110 Volt

Well Pump
Relay from **WATER OFF** signals relay to cut power to pump when valve closed (typically unnecessary)
RIB02BDC 220 Volt

See full installation/integration instructions for additional details

FloLogic