*flo*Logic® SYSTEM 3.0

"the circuit breaker for your home plumbing system"®

"Intelligent Leak Detection and Water Conservation"™

DIRECTIONS FOR USE

Date of Purchase / Installation

Installed By

Attach receipt here

Contents

Addendum

GENERAL INFORMATION

Congratulations on your purchase and installation of the FloLogic System® 3.0 ("System"). You can now relax knowing that your home or business is constantly protected against flooding due to leaks or failures in its plumbing system. In addition, the System will give you early notice of water wastage due to leaks that, according to the EPA, account for 14% of domestic water use in the USA. The FloLogic System will monitor and control virtually all water flowing through a residence or building's plumbing system.

The System works by detecting and timing the flow of water through the inlet water pipe of any given structure. There are two basic operating modes for the System, Home and Away; the difference is the occupancy status of the building and thus the amount of water that is expected to be used. The default detectable flow rate has been embedded in the software at 2.0 ounces per minute. Once flow above 2.0 ounces per minute is detected, the System allows water to flow for whatever length of time the user has stipulated for each of the modes. The

4.

default timer interval for the Home mode is 30 minutes, and the Away mode is 30 seconds. Switching from Home mode to Away mode, and conversely from Away mode to Home mode, is accomplished by simply pressing the corresponding key on the Control Panel. When water flow is detected that exceeds the preset timer intervals, the water is turned off, an audible alarm is sounded and the wall-mounted LCD panel displays the message "LEAK". If connected to a security system, the System will communicate the leak condition to your security monitoring company so they can notify you of the problem, no matter where your travels may take you. The FloLogic System also includes several convenience features and allows the user to change any of the default timer intervals if so desired. Another feature that distinguishes the FloLogic System from others in the market is a patented process whereby the System periodically "exercises" the ball valve to ensure the product is operating correctly and will respond when called upon. No other automatic shut-off system can provide this unique and comforting feature.

Control Panel

6.

BASIC OPERATION

Home vs. Away

HOME

Upon System start-up the LCD panel will read "HOME" indicating that the Home timer is in effect. Unless previously changed by the user, the timer interval for the Home mode is 30 minutes. When the display reads "HOME", this is the length of time that water will be allowed to run uninterrupted before the System sounds an alarm and turns off the water.

AWAY

Switches to Away Mode

AWAY

When you wish to change to Away mode, press the AWAY key. Unless previously changed by the user, the timer interval for the Away mode is 30 seconds. When you switch from Home mode to Away mode, the display will read "AWAY" and the Valve will enter an exercise cycle that results in the Valve closing and the reopening. During this time you may hear the motor turning the valve. To exit the Away mode, simply press the HOME key to return to the Home mode.

Flow Indication

HOME ✳

When water is running anywhere in the building monitored by the FloLogic System, a rotating pinwheel will appear on the right side of the LCD screen. On the left side of the display, a text message will continue to indicate the current operating mode for the System. The pinwheel is illuminated within a few seconds once water begins running and will disappear within a few seconds after the water has stopped running.

BASIC OPERATION (Cont'd)

As an added security feature, the FloLogic System will automatically place itself into the Away mode (Auto Away) after detecting no water flow for an extended period of time. The default interval timer embedded in the software for this function is 18 hours and can be changed to a value as low as 1 hour and as high as 99 hours, or this feature can be completely disabled by the user (see Programming Instructions on page 18).

Clearing Alarms

DISABLE

Silences Alarm

When either the Home or Away timer limits are exceeded, the System will turn off the water, display "LEAK" on the LCD and sound a low-decibel, audible alarm at the Control Panel. To disable the audible alarm, press the DISABLE key.

HOME

Restores Water Service

Once the source of the leak has been identified and corrective action taken, press the HOME key to restore water service. During the first few minutes of water service restoration, the pinwheel may illuminate as any previously emptied pipes are refilled with water. This is normal and will stop as your plumbing system refills and is purged of air.

8.

**Water Shutoff
from Keypad**

$\dfrac{\text{NEXT}}{\text{BYPASS}}$ **+** DISABLE

Turn Water Off

WATER.OFF

HOME

**Restores Water
Service**

HOME

If you want to manually turn off the water to the building protected by the FloLogic System, you can accomplish this by **simultaneously** pressing the NEXT / BYPASS key and the DISABLE key at the Control Panel. When the Valve is closed by this keystroke command, the display will read "WATER.OFF".

NOTE: Pressing and holding the DISABLE key slightly before the NEXT / BYPASS key will ensure you don't accidentally place the System in Bypass Mode (see Bypass Mode description on page 16).

Restoration of water service is accomplished by simply pressing the HOME key.

SYSTEM COMPONENTS

There are four major components to the FloLogic System:

Ball Valve and Actuator ("Valve")

This is normally mounted in the main water line after it enters the structure, prior to the point where the distribution lines are broken off to the various floors, rooms and plumbing appliances. The Valve may alternatively be installed out-of-doors above grade in an enclosed housing provided that it is not subject to temperatures below 35 or above 115 degrees F.

Actuator

Flow Sensor

Ball Valve

The Valve unit is comprised of a full-port, one-inch lead free brass ball valve connected to an actuator contained in a water resistant housing. Extending from the actuator housing are three electrical connectors. One connector interfaces to the Flow Sensor, the second to the Power Supply and the third to the Control Panel. This unit should be mounted to provide easy access to the manual override, i.e. the metal shaft protruding through the top of the actuator housing. In the event of a complete loss of power or a general System failure, the override can be used to manually open or close the Valve.

10.

Flow Sensor ("Sensor")

The Flow Sensor is directly connected to the Valve assembly via one of the three electrical connectors. The Sensor is responsible for the detection of water running through the System. While the Sensor is able to detect flow as low as 0.5 ounce per minute, the software monitoring the Sensor has been factory pre-set to recognize 2.0 ounces of flow per minute as the point when the flow timer is initiated. Depending on your specific needs, you can adjust the sensitivity of the Sensor (see Programming Instructions on page 18).

The Sensor has been designed as a field-replaceable item, as the service life of this component is dependent on the water quality where the System is installed. Water hardness and debris, such as sand or silt, may shorten the expected life of the Sensor. Water treatment regimens such as filtration and softening may lengthen the life of the Sensor. A replacement Sensor can be ordered from FloLogic at www.flologic.com. In addition, FloLogic has optional extended service plans that provide for periodic replacement of this component.

SYSTEM COMPONENTS (Cont'd)

System Battery and AC Adapter ("Power Supply")

The Power Supply is comprised of a 12 volt, 4.5 amp-hour rechargeable, sealed-lead-acid battery connected to an AC adapter. The adapter is connected to the Valve assembly with a 15-foot cable. Unlike the Valve, which can be installed out-of-doors, the battery and AC adapter must be located in a protected environment such as a crawl space, basement, or in a watertight outdoor enclosure. The location of the Power Supply must have access to AC power within 6 feet of the AC adapter. The use of extension cords to reach electrical outlets is not recommended.

The battery is designed to power the System in the event of an AC power failure. The length of time the battery will power the System is dependent on several variables, including, but not limited to, air temperature and the age of the battery. When new, the standard battery should power the System for a minimum of five days as long as the battery is located in an environment with temperatures between 45 and 115 degrees F. When power is restored, the battery will gradually recharge to its labeled value. A complete battery discharge due to prolonged power loss will substantially shorten battery life or may necessitate an immediate replacement. A replacement battery can be purchased in many stores or ordered directly from FloLogic if needed.

Keypad and Display ("Control Panel")

The Control Panel is comprised of a keypad with eight keys and a liquid crystal display (LCD). The Control Panel is the sole user interface of the FloLogic System. All status messages and programming functions are presented at the Control Panel. The Control Panel is connected to the Valve with the supplied 50-foot cable. Longer interconnect cables are available for purchase in the event that the Control Panel needs to be located further than 50 feet from the Valve.

Inserted into the top of the Control Panel is a Quick Reference card that provides information on the basic operation of the FloLogic System.

13.

OPERATIONS AND TERMINOLOGY

HOME

HOME

Places System in Home Mode

HOME

The Home mode is typically used when the structure is occupied. The Home mode is preprogrammed to allow 30 minutes of uninterrupted water flow before shutting off the water. If desired, this time can be changed to a value as low as 1 minute or as high as 99 minutes (see Programming Instructions on page 18). When in any state other than Home (Away, Bypass, Water Off), the Home mode may be activated by a single press of the HOME key on the keypad. When the System is in the Home mode, the LCD will read "HOME".

AWAY

AWAY

Places System in Away Mode

AWAY

The Away mode is typically used when the structure is unoccupied. The Away mode is pre-programmed to allow 30 seconds of uninterrupted water flow before shutting off the water and sounding an alarm. If desired, this time can be changed to a value as low as zero seconds or as high as 99 minutes (see Programming Instructions on page 18). When in any state other than Away, the Away mode may be activated by a single press of the AWAY key on the keypad. When the Away mode is activated, the Valve will complete an exercise cycle, confirming operational readiness. When the System is in the Away mode, the LCD will read "AWAY".

NOTE: If the Delay Away feature has been activated, the activation of the Away timer will be delayed for the duration of the delay interval (see DELAY AWAY on the following page).

14.

DELAY AWAY

AWAY

Places System in Away Mode

D. AWAY XX

When activated through the programming menu, this feature delays the start of the Away mode for a preset time interval. This is useful for someone who regularly flushes a toilet or starts a load of laundry or the dishwasher just prior to leaving.

During the Delay Away interval, the System utilizes the Home timer (e.g. 30 minutes of flow). At the end of the Delay Away interval, the System will automatically place itself into the Away mode. The System is preprogrammed with a zero minute Delay Away interval (OFF). This delay interval can be changed to any value from OFF up to 99 minutes.

Once programmed with any value above zero minutes, the Delay Away interval will be activated every time the user presses the AWAY key. To deactivate this feature, the user will need to reset the Delay Away interval to zero minutes (OFF). When the System is in the Delay Away mode, the display will read "D. AWAY XX", with XX representing the time remaining in the delay interval. To change this feature, refer to Programming Instructions on page 18.

OPERATIONS AND TERMINOLOGY (Cont'd)

BYPASS

NEXT
BYPASS

Activates Bypass Mode

BYPASS

This function provides a convenient option to disable the System timers for a preset duration of time. Factory defaulted at 120 minutes, this feature permits an extended use of water without reprogramming the Home or Away timers. Upon completion of the Bypass interval, the System will revert back to the mode it was in prior to the Bypass request (e.g. Home or Away). At any time during the Bypass interval, the user can override the Bypass function by pressing the Home or Away key. The Bypass interval can be set as low as 1 minute to as high as 999 minutes. When the System is in Home or Away mode, this feature is activated by a single press of the NEXT / BYPASS key on the keypad. When the System is in the Bypass mode, the display will read "BYPASS" alternating with "HOME" or "AWAY". To change the default timer interval for this feature refer to Programming Instructions on page 18.

AUTOMATIC AWAY

The Automatic Away feature places the System into Away mode after no water flow has been detected for an extended period of time. Factory defaulted at 18 hours, this feature can be set to activate the Away mode at a value from as low as 1 hour to as high as 99 hours after the System has last detected water flow above the Drip Rate value. If desired, the feature may also be deactivated. **This feature operates continuously in the background and thus will have no visual indication on the display of its status except when using the programming menu.** To change the default timer interval for this feature, refer to Programming Instructions on page 18.

16.

DRIP RATE This feature allows the user to change the flow detection baseline to accommodate intermittant low-use water demand from appliances such as humidifiers as well as known "nuisance leaks" such as leaky toilet valves and drippy faucets. The System ships from the factory with a default Drip Rate of 2.0 ounces per minute. Based on the specific characteristics of your plumbing system, the Drip Rate setting can be changed to a higher or lower threshold. The System does not start the Home or Away timers until the Drip Rate is exceeded.

This feature operates continuously in the background and thus will have no visual indication on the display of its status except when using the programming menu.
To change the default value for this feature, refer to Programming Instructions on page 18.
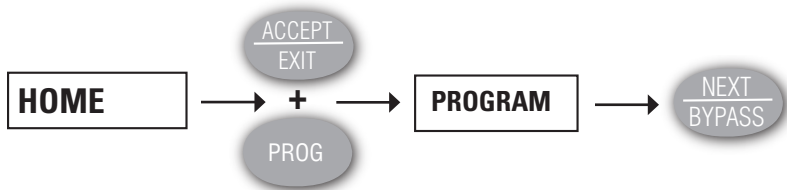
NOTE: Caution should be used when changing the Drip Rate baseline. Lowering the Drip Rate can result in frequent "false alarms." Raising the Drip Rate will allow elevated volumes of water to flow undetected into your home or business. See the reference table on page 35 for Drip Rate water flow equivalents over daily, monthly, and annual periods..

PROGRAMMING INSTRUCTIONS

The System is designed to accommodate virtually all user needs by allowing the user to change any of the default settings. The following table shows the default settings as well as valid ranges for all of the programmable System features:

PROGRAMMABLE FEATURE	DEFAULT SETTING	PROGRAMMABLE RANGE
Drip Rate threshold	2.0 oz. per minute	0.0 to 24.0 oz. per minute
Home interval timer	30 minutes	1 to 99 minutes
Away interval timer	0.5 minutes (30 seconds)	0.0 to 99 minutes
Delay Away interval timer	0 minutes (OFF)	0 (OFF) to 99 minutes
Bypass interval timer	120 minutes	1 to 999 minutes
Auto Away interval timer	18 hours	1 to 99 hours, OFF

Any changes you make in the default settings should be noted in the My Settings section of this book on page 34.

```
                  ACCEPT
                   EXIT
┌────────┐         ╭──╮         ┌──────────┐          NEXT
│  HOME  │ ──────→  +  ──────→  │ PROGRAM  │ ──────→  BYPASS
└────────┘         ╰──╯         └──────────┘
                   PROG
```

The programming menu can only be accessed when the display reads "HOME". To enter the Program mode, **simultaneously** press the ACCEPT / EXIT key and the PROG key on the Control Panel. The display will read "PROGRAM". Pressing the NEXT / BYPASS key will scroll through the programming menu as follows:

DRIP.RATE alternates with X.X OZ/MIN   D.AWAY XX – with XX representing minutes
HOME XX – with XX representing minutes   BYPASXXX – with XXX representing minutes
AWAY XX – with XX representing minutes   A.AWAY XX – with XX representing hours

When in the Program mode for any of the above features, remember that the NEXT / BYPASS key will take you to the next programmable feature without changing the value for the current feature. To implement any program changes, you must press the ACCEPT / EXIT key prior to leaving the screen with the changed value. Pressing the ACCEPT / EXIT key will update the program with the new value and then exit to the Home mode. If you wish to change more than one item, you will need to re-enter the programming menu as noted above. The following pages explain the steps required to change the various program settings.

19.

PROGRAMMING INSTRUCTIONS (Cont'd)

**Drip Rate
Programming**

If you have a known, low-flow water demand from an appliance such as a humidifier or nuisance leak in one of your plumbing appliances such as a dripping faucet and the System is regularly turning off the water, it may be necessary for you to raise the detectable flow baseline of the System. Any setting above 0.0 ounces per minute (0.0 OZ/M) is referred to as your Drip Rate. The System is programmed with a default Drip Rate setting of 2.0 ounces per minute. Resetting this Drip Rate to a lower number can result in a higher incidence of "false alarms". Raising this to a higher number can result in prolonged, chronic water use that is either running down the sewer or is leaking somewhere out of sight in your home or business.

DRIP.RATE

2.0 OZ/M

Before attempting to reset the Drip Rate, please be certain that all faucets are tightly closed and no toilets are running. Follow the steps outlined on page 19 to get into the Program mode and scroll to the Drip Rate screen using the NEXT / BYPASS key. When the display reads "DRIP.RATE" and alternates with "X.X OZ/M", you can query the System to show how much water is flowing in your home or business or adjust the Drip Rate value manually. The display will read "2.0 OZ/M" the first time you access this menu item.

The table found on the inside back cover gives you a perspective of how much each Drip Rate value equates to in water usage over time.

20.

Automatic

PROG

Samples Drip Rate

X.X OZ/M

To sample the Drip Rate currently detected in the building, press the PROG key. The display will now indicate the current amount of water flowing into your home or business. If the detected flow exceeds 24.0 ounces per minute, the display will read "INVALID". If you wish to change the Drip Rate to accommodate the measured value, press the ACCEPT / EXIT key. To exit the Drip Rate programming menu without making changes, press the NEXT / BYPASS key.

Manual

UP

DN

X.X OZ/M

As a second option, you can manually raise or lower the Drip Rate threshold by pressing the UP or DN keys on the keypad. To accept this change, press the ACCEPT / EXIT key. This will store the new Drip Rate value in the program, exit you from the programming menu and return the System to Home mode.

Again, to exit the Drip Rate programming menu without making changes and move to the next programmable feature (Home timer), press the NEXT / BYPASS key.

Accept Changes

ACCEPT EXIT → **ACCEPTED**

PROGRAMMING INSTRUCTIONS (Cont'd)

Home Timer Programming

HOME 30

▲ UP

▼ DN

ACCEPT EXIT

ACCEPTED

After you have entered the Program menu, press the NEXT / BYPASS key to scroll to the "HOME XX" screen. The XX will be a number between 1 and 99 with the default setting at 30, representing 30 minutes of allowable flow in the Home mode. If you wish to raise or lower this value, press the UP or DN key to scroll to the desired number of minutes. To accept this change, press the ACCEPT / EXIT key. This will store the new Home timer value in the program, exit you from the programming menu and return the System to Home mode. To exit the Home timer programming menu without making changes and move to the next programmable feature (Away timer), press the NEXT / BYPASS key.

Away Timer Programming

AWAY   0.5

▲ UP

▼ DN

ACCEPT / EXIT

ACCEPTED

After you have entered the Program menu, press the NEXT / BYPASS key to scroll to the "AWAY XX" screen. The XX will be a number between 0.0 and 99 with the default setting at 0.5, representing 30 seconds of allowable flow in the Away mode. If you wish to raise or lower this value, press the UP or DN key to scroll to the desired number of minutes. To accept this change, press the ACCEPT / EXIT key. This will store the new Away timer value in the program, exit you from the programming menu and return the System to Home mode. To exit the Away timer menu without making changes and move to the next programmable feature (Delay Away timer), press the NEXT / BYPASS key.

PROGRAMMING INSTRUCTIONS (Cont'd)

Delay Away Timer Programming

After you have entered the Program menu, press the NEXT / BYPASS key to scroll to the "D.AWAY XX" screen. The XX will be a value between OFF and 99 (minutes) with the default setting at OFF. Setting a value between 1 and 99 minutes will cause the Away mode to be delayed each time Away is selected. If you wish to raise or lower this value, press the UP or DN key to scroll to the desired number of minutes. To accept this change, press the ACCEPT / EXIT key. This will store the new Delay Away timer value in the program, exit you from the programming menu and return the System to Home mode.

D.AWAY.OFF

UP

DN

ACCEPT
EXIT

NOTE: During the Delay Away interval, the Home timer limit will be in effect. After the Delay Away interval has expired, the System will use the Away timer limit. Once programmed, the Delay Away interval will be used every time the System is placed into Away mode.

ACCEPTED

To exit the Delay Away timer menu without making changes and move to the next programmable feature (Bypass timer), press the NEXT / BYPASS key.

24.

Bypass Timer Programming

BYPAS 120

UP

DN

ACCEPT
EXIT

ACCEPTED

After you have entered the Program menu, press the NEXT / BYPASS key to scroll to the "BYPASXXX" screen. The XXX will be a number between 001 and 999 (minutes) with the default setting at 120. If you wish to raise or lower this value, press the UP or DN key to scroll to the desired number of minutes. To accept this change, press the ACCEPT / EXIT key. This will store the new Bypass timer value in the program, exit you from the programming menu and return the System to Home mode.

To exit the Bypass timer menu without making changes and move to the next programmable feature (Auto Away timer), press the NEXT / BYPASS key.

PROGRAMMING INSTRUCTIONS (Cont'd)

Auto Away Timer Programming

After you have entered the Program menu, press the NEXT / BYPASS key to scroll to the "A.AWAY XX" screen. The XX will be a value between 1 and 99 (hours) or OFF with the default setting at 18. If you wish to raise or lower this value, press the UP or DN key to scroll to the desired number of hours. To accept this change, press the ACCEPT / EXIT key. This will store the new Auto Away timer value in the program, exit you from the programming menu and return the System to Home mode.

A.AWAY 18

UP

DN

ACCEPT EXIT

ACCEPTED

NOTE: When the Auto Away timer is set to OFF, the System will never automatically place itself into the Away mode.

To exit the Auto Away menu without making changes and move to the next screen (Exit), press the NEXT / BYPASS key.

Exiting Programming

To exit the programming mode when the LCD indicates "EXIT?", press the ACCEPT / EXIT key. This will exit you from programming without making any changes and return the System to Home mode.

EXIT ?

ACCEPT
EXIT

To scroll back to the top of the programming menu, press the NEXT / BYPASS key.

HOME

ADDENDUM

OPERATIONAL MODE MESSAGES – DISPLAYED DURING NORMAL OPERATION

HOME	Home timer setting in effect	Press AWAY to activate Away mode
AWAY	Away timer setting in effect	Press HOME to exit Away mode
D.AWAY XX	Home timer in effect. System will automatically switch to Away timer after XX minutes	Press HOME to exit from Delay Away
BYPASS or EXT. BYPASS	Home and Away timers temporarily disabled	System will revert to Home or Away mode after Bypass interval expires. Press HOME to manually exit Bypass mode
OVERRIDE	System is overridden by external device such as an irrigation system or water softener	Wait for external device to finish cycle
WATER.OFF	Water has been turned off at Control Panel.	Press HOME to restore water
DISABLED	System is disabled	Press PROG+DISABLE then ACCEPT to re-enable system
LEAK	HOME or AWAY timer limit exceeded. Water turned off	Press DISABLE to silence the audible alarm then HOME to restore water

ATTENTION REQUIRED - ERROR NOTIFICATION MESSAGES

AC LOST	AC power supply interrupted and System is operating on battery	Check circuit breaker to AC outlet and make sure power supply is plugged in. Alarm clears when AC power restored
SYS.DOWN	Valve inoperable typically due to missing or discharged battery	Check / Replace battery then press DN key 5 seconds till stutter beep to reset
VAL.FAIL	Valve unable to detect position or does not rotate on initial power-up or after re-boot	Call 877-356-5644 for assistance
COMM ERR	Keypad and valve not communicating	Call 877-356-5644 for assistance
CHK BATT	Battery missing or not detected	Reconnect battery. Press DN key for 5 seconds till stutter beep to reset valve
CHG BATT	Battery unable to hold charge and needs replacement	Connect new battery. Press DN key for 5 seconds till stutter beep to reset
CHK PS	Power supply fault detected	Press DN key for 5 seconds to restart System. If message remains, press UP key till screen clears and keypad resets

PROGRAMMING MESSAGES – DISPLAYED ONLY WHEN IN PROGRAM MODE

PROGRAM	Initial screen in Programming mode	Press NEXT to go to Drip Rate or EXIT to exit Program mode
DRIP.RATE alternates with XX OZ/MN	XX is current Drip Rate setting (in ounces per minute)	Press PROG to sample current rate or UP / DN keys to manually change setting, then press ACCEPT to change or NEXT to go to Home setting screen
HOME XX	XX is current Home mode timer setting (in minutes)	Press UP / DN, then press ACCEPT to change or NEXT to go to Away setting screen
AWAY XX	XX is current Away mode timer setting (in minutes)	Press UP / DN, then press ACCEPT to change or NEXT to go to Delay Away setting screen
D.AWAY XX or D.AWAY.OFF	XX or OFF is current Delay Away timer setting (in minutes)	Press UP / DN, then press ACCEPT to change or NEXT to go to Bypass setting setting
BYPASXXX	XXX is current Bypass timer setting (in minutes)	Press UP / DN, then press ACCEPT to change or NEXT to go to Auto Away setting screen
A.AWAY XX	XX is current Auto Away timer setting (in hours)	Press UP / DN, then press ACCEPT to change or NEXT to go to program Exit screen
EXIT?	End of Program menu	Press ACCEPT to exit programming or NEXT to return to initial screen in program menu

EXTERNAL CONTACT CLOSURE MESSAGES
(from external devices connected to FloLogic keypad via dry contacts)

EXT AWAY	Away timer activated by external device such as a home security system	Deactivate external system to return to Home mode
EXT LEAK	External system or device requested emergency water shutoff. Water is turned off.	After clearing external alarm condition, press DISABLE to silence alarm then HOME to restore water service
EX.BYPASS	External device such as an irrigation system or water softener has initiated Bypass mode. Home and Away timers are temporarily disabled	System automatically reverts to Home or Away mode after Bypass interval expires. Press HOME or AWAY to exit Bypass
OVERRIDE	External device such as an irrigation system or water softener has disabled the Home and Away timers	System automatically reverts to Home or Away mode when external system opens contacts

MY SETTINGS

PROGRAMMABLE FEATURE	DEFAULT SETTING	ENTER YOUR SETTINGS HERE
Drip Rate threshold	2.0 oz. per minute	
Home interval timer	30 minutes	
Away interval timer	0.5 minutes (30 seconds)	
Delay Away interval timer	0 minutes (OFF)	
Bypass interval timer	120 minutes	
Auto Away interval timer	18 hours	

The table below gives you a perspective of how much each Drip Rate value equates to in water usage over time.

OZ / MINUTE	GAL / DAY	GAL / MONTH	GAL / YEAR
1.0	11.25	337	4,106
2.0	22.5	675	8,212
4.0	45	1,350	16,425
6.0	67.5	2,025	24,637
8.0	90	2,700	32,850
12.0	135	4,050	49,274
16.0	180	5,400	65,700
20.0	225	6,750	82,120
24.0	270	8,100	98,548
30.0	338	10,125	121,500
40.0	450	13,500	162,000

Based on EPA statistics, the average home in the USA has plumbing leakage averaging 2.5 oz / minute.

This is equivalent to 10,000 gallons annually per home or over 1 Trillion gallons nationally.

QUICK REFERENCE

HOME key - places system in Home mode

AWAY key - places system in Away mode

BYPASS / NEXT key - temporarily disables Home and Away timers

DISABLE key + BYPASS / NEXT key - turns the water off

Restore Water Service

Press DISABLE to silence alarm (if needed) then HOME to turn on water

Disable System

Press both PROG+DISABLE then ACCEPT to disable the FloLogic System

Re-Activate System

When disabled press both PROG+DISABLE then ACCEPT to re-enable the FloLogic System