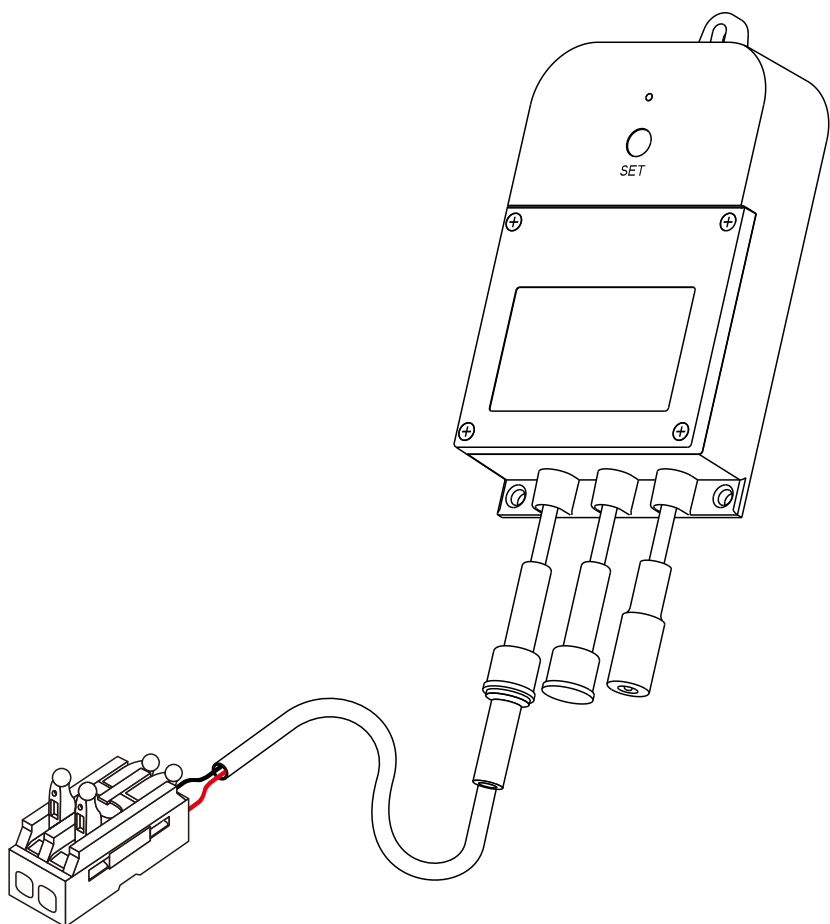




Flowsmart *Control* Meter & Valve Controller

YS5006-UC



Installation & User Guide

Revision Jun. 11, 2026

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Welcome!

Thank you for purchasing YoLink products! We appreciate you trusting YoLink for your smart home & automation needs. Your 100% satisfaction is our goal. If you experience any problems with your installation, with our products or if you have any questions that this manual does not answer, please contact us right away. See the Contact Us section for more info.

Thank you!

YoLink Customer Support

User Guide Conventions

The following icons are used in this guide to convey specific types of information:



Very important information
(can save you time!)



Good to know info but may not
apply to you

B Before You Begin

Visit our Flowsmart Control Meter & Valve Controller support page on our website, for the latest installation guides, additional resources, information and videos by visiting:

<https://www.yosmart.com/support/YS5006-UC>

Or by scanning the QR code:



Download the most current version of the user guide by scanning the QR code:

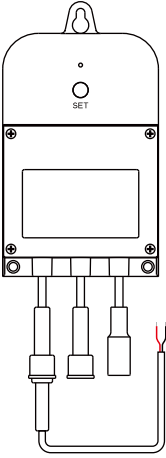


Your Flowsmart Control Meter & Valve Controller wirelessly connects to the internet via a YoLink Hub, and it does not directly connect to your WiFi or local network. In order for remote access to the device from the app, and for full-functionality, a YoLink hub is required. This guide assumes the YoLink app has been installed on your phone, and a YoLink Hub is installed and online.

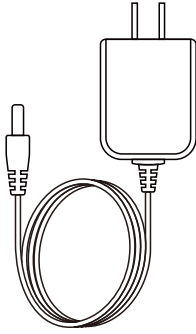


In the Box

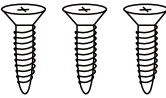
YS5006 Items:



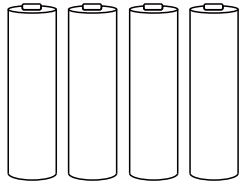
Flowsmart **Control**
Meter & Valve Controller



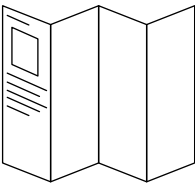
Plug-in Power Supply



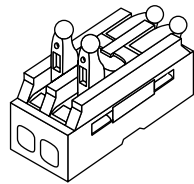
Phillips Head Screws(3)



4 x AA Batteries (Pre-Installed)



Quick Start Guide

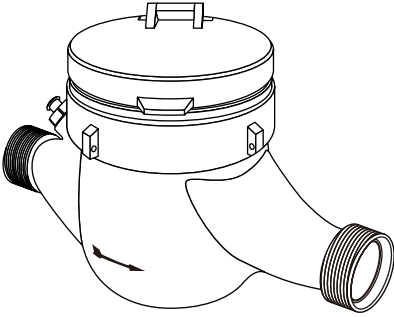


Connector (Pre-Installed)

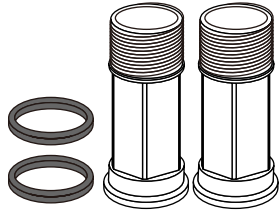


In the Box

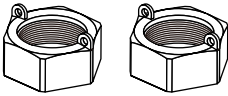
Water Meter Kit Items:



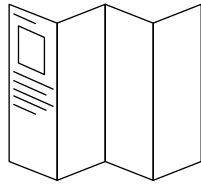
Water Meter



Rubber Gasket (2) &
Spud Coupling (2)

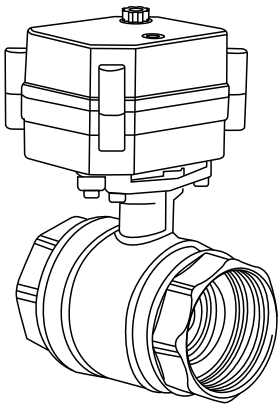


Nut (2)



Quick Start Guide

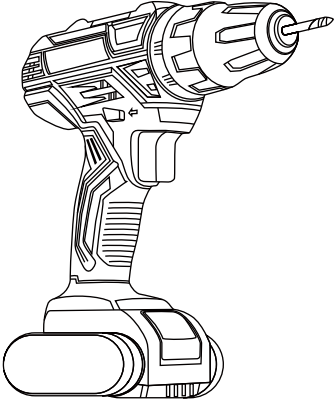
Motorized Valve Kit Items:



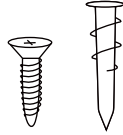
Motorized Valve

D Required Items

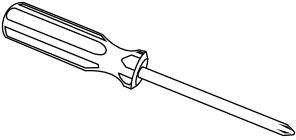
These tools or items may be required:



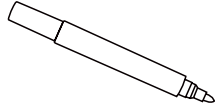
Drill with Drill Bits



Wall Anchors



Medium Philips Screwdriver

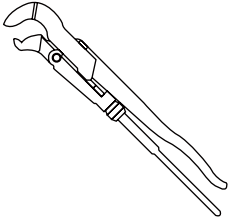


Marker or Pencil

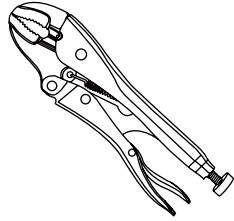


Required Items, Continued

These items may be required to install the water meter:



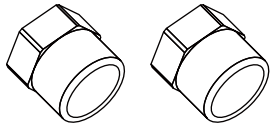
Pipe Wrench



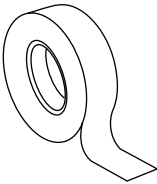
Locking Pliers



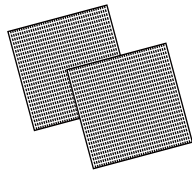
Copper Pipe Cutting Tool



Female NPT Pipe Fitting (2)



Thread Seal Tape

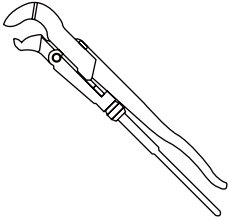


Sandpaper

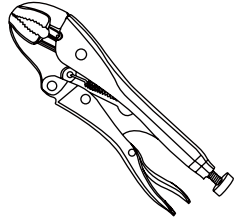


Required Items, Continued

These items may be required to install the motorized valve:



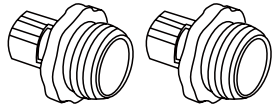
Pipe Wrench



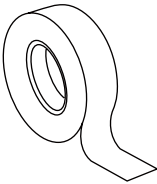
Locking Pliers



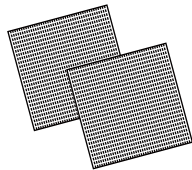
Copper Pipe Cutting Tool



Pipe Fittings/Adapters



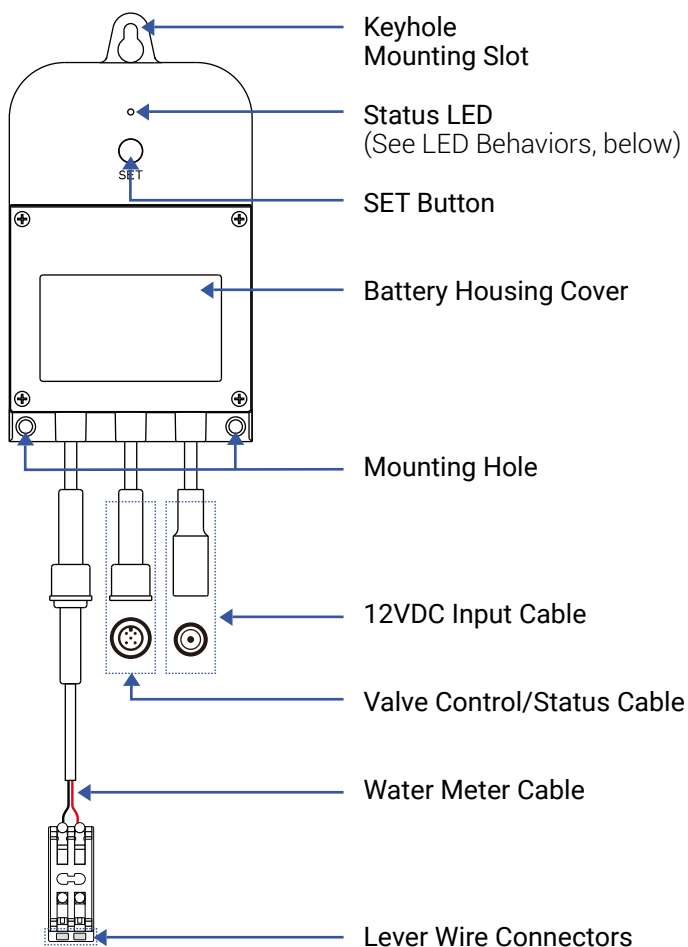
Thread Seal Tape



Sandpaper

E

Get to Know Your Flowsmart Control



LED Behaviors



Blinking Red Once, Then Green Once
Device Start-Up



Blinking Red And Green Alternately
Restoring to Factory Defaults



Blinking Red Once
Valve Closing



Quick Blinking Red Twice
Valve is Closed



Blinking Green Once
Valve Opening



Quick Blinking Green Twice
Valve is Open



Slow Blinking Green Twice
Connecting to Hub



Quick Blinking Green
Control-D2D Pairing in Progress



Quick Blinking Red
Control-D2D Unpairing in Progress



Slow Blinking Green
Updating



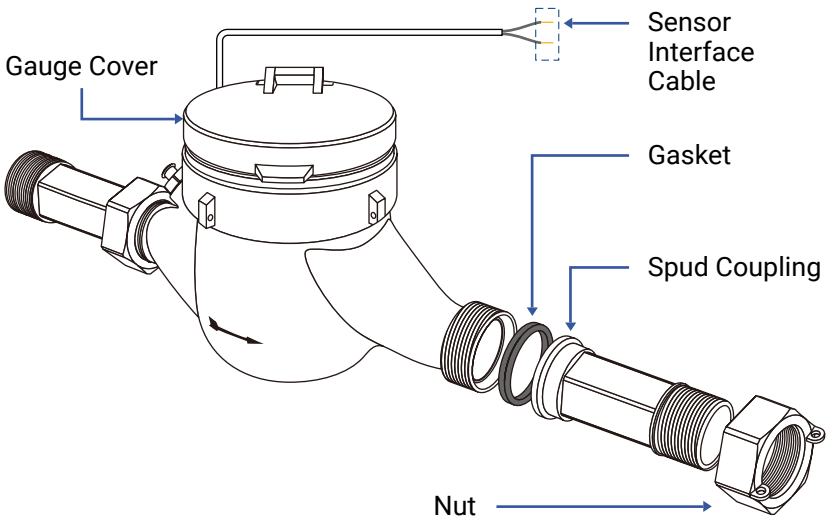
or



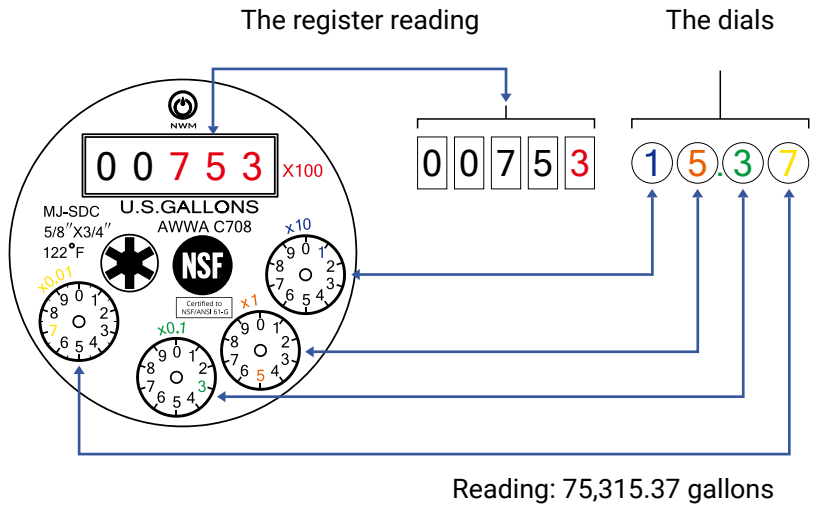
Fast Blinking Red Every 30 Seconds or Fast Blinking Red 5 Times when pressing the SET Button
Batteries are Low, Please Replace the Batteries

F Get to Know Your Water Meter

Get to Know Your Water Meter

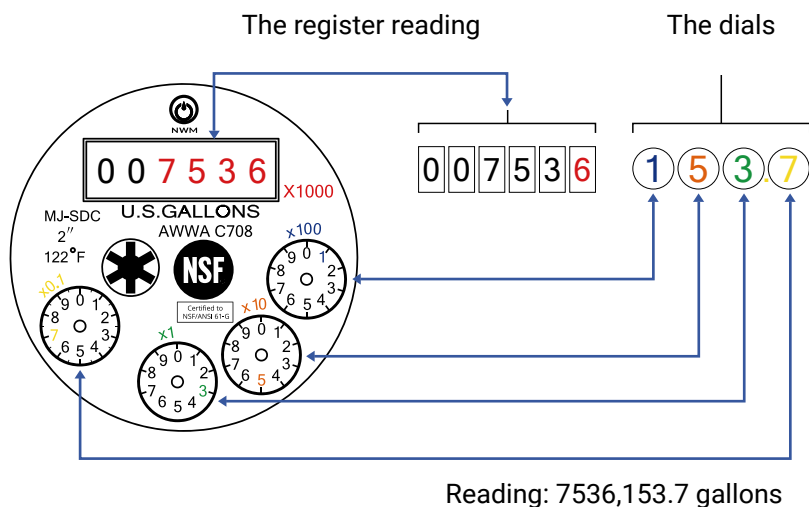


How to read the meter gauge:



F

Get to Know Your Water Meter, Continued

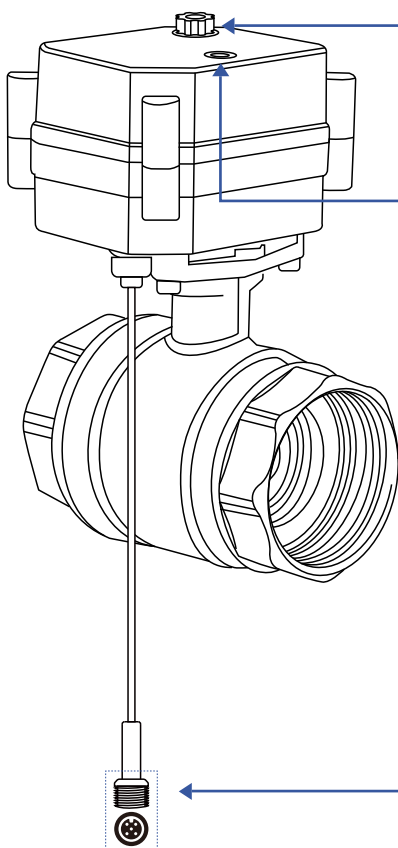


To configure 1.5-inch and 2-inch water meters (provided by YoLink), adjust the water meter equivalent setting to '1', on YoLink App. This value is set to '1/10' by default.

G

Get to Know Your Motorized Valve

The valve included in this kit is a 12V DC non-smart motorized valve. Use only this valve or YoLink-approved valve control products, such as the Water Meter. Do not use with non-YoLink valve products.

**Manual Control Knob**

Lift, then turn either clockwise to shut the valve or counterclockwise to open the valve

Valve Position Indicator

Window indicates the current position of the valve. "O" indicates open, "S" indicates shut

Valve Control/Status Cable



Install the App

If you are new to YoLink, please install the app on your phone or tablet, if you have not already. Otherwise, please proceed to the next section.

Scan the appropriate QR code below or find the “YoLink app” on the appropriate app store.



Apple phone/tablet
iOS 9.0 or higher



Android phone/tablet
6.0 or higher

Open the app and tap **Sign up for an account**. You will be required to provide a username and a password. Follow the instructions, to set up a new account. Allow notifications, when prompted.

You will immediately receive a welcome email from no-reply@yosmart.com with some helpful information. Please mark the yosmart.com domain as safe, to ensure you receive important messages in the future.

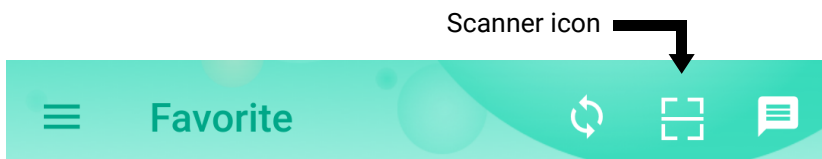
Log in to the app using your new username and password.

The app opens to the **Favorite** screen. This is where your favorite devices and scenes will be shown. You can organize your devices by room, in the **Rooms** screen, later.

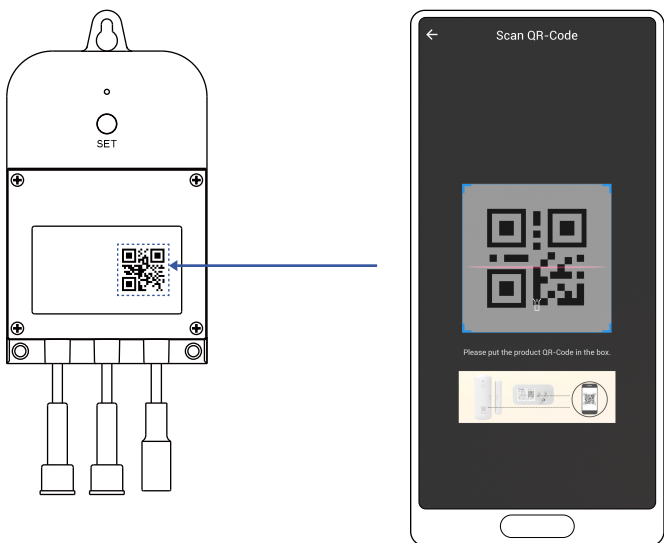


Add Your FlowSmart Meter to the App

1. Tap **Add Device** (if shown) or tap the scanner icon:



2. Approve access to your phone's camera, if requested. A viewfinder will be shown on the app.



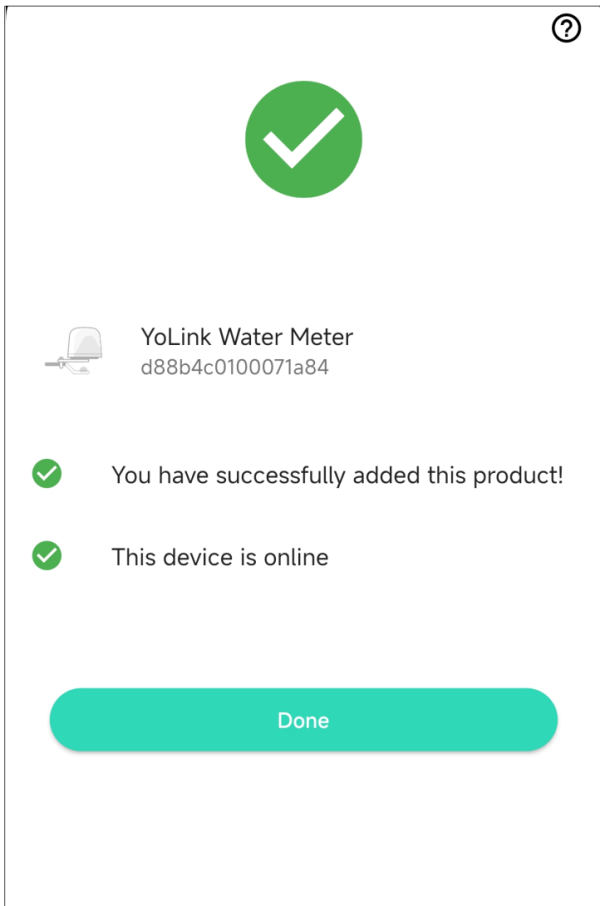
3. Hold the phone over the QR code so that the code appears in the viewfinder. If successful, the **Add Device** screen will be displayed.



Add Your Flowsmart Control to the App, Continued

4. You can change the device name and assign it to a room later. Tap **Bind device**.

5. If successful, the screen will appear as shown. Tap **Done**.





Install the Flowsmart Control

Preparing for installation:

Determine where you will install your meter & valve controller. Typically, it should be wall-mounted, no farther away from the valve device and water meter than the length of the cables allow.

Note: use of the 12VDC power adapter is optional. If not used, batteries are required. If the power adapter is used, batteries are optional. Without batteries, the controller can not function during a power outage.

Determine how you will mount the controller to the wall, and have hardware and anchors appropriate for the wall surface on hand.

1. Mark the location of the hole for each of the controller's three mounting points on the wall. Install anchors, if applicable, per the anchor manufacturer's instructions. Insert the screw for the topmost mounting point, leaving enough space to hang the controller.
2. Hang the controller on this top screw, then insert the two remaining screws into their respective anchors or locations.
3. Tighten all three screws, ensuring the controller is secured to the wall.



Install the Water Meter



The flow meter should be installed by qualified personnel using industry best practices and in conformance with all applicable building codes. Improper installation may void the warranty, and may result in malfunction, personal injury, or property damage.

Installation Requirements

- Pressure:** The meter is not rated for systems operating at pressures above 140 PSI.
- Flushing:** Thoroughly flush the service line upstream of the meter to remove dirt and debris. For new construction projects, install a spacer pipe in the designated meter location, until the water system is thoroughly flushed.
- Fittings:** Use the supplied male NPT couplers when installing the meter. Do not attempt to connect standard NPT fittings directly to the meter body (male NPS thread).

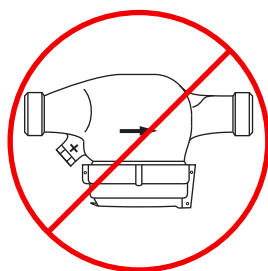
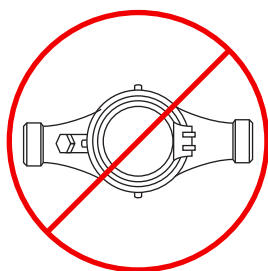
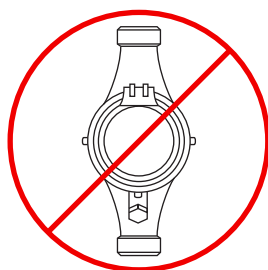
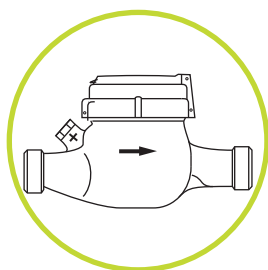
K

Install the Water Meter, Continued

Shut-off Valves: High quality, low pressure loss shut-off valves are recommended to be installed both upstream and downstream of the meter. Valves must be installed outside of minimum straight pipe distances (see “Straight Pipe Requirements”)

Clearances: The meter should be installed in a location that is accessible for reading and service with 8” of clearance above dial and 3” on all other sides.

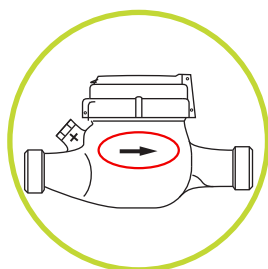
Orientation: For proper operation, the flow meter must be installed horizontally with the dial facing upwards. It cannot be installed in vertical pipe sections.



K

Install the Water Meter, Continued

Flow Direction: The meter must be installed with the arrow located on the meter body pointing in the direction of water flow.

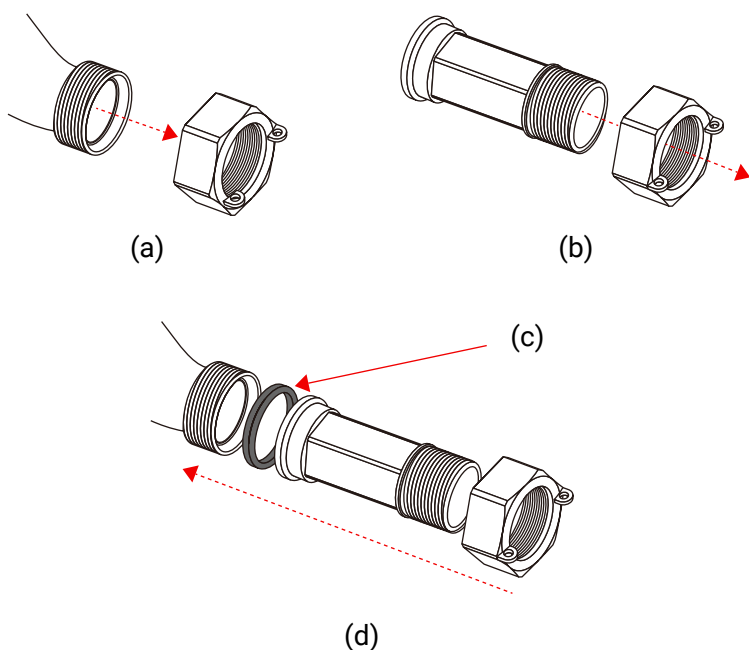


Straight Pipe Requirements: To maintain rated accuracy, the meter must be installed with 10x the diameter of straight pipe upstream (no bends, fittings, valves, etc.) and 5x the diameter of straight pipe downstream.

Example: A $\frac{3}{4}$ " meter must have 7 $\frac{1}{2}$ " of straight pipe upstream and 3 $\frac{3}{4}$ " downstream.

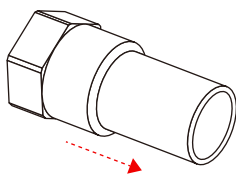
Install the water meter.

1. Identify a suitable location in the piping that satisfies all installation requirements.
2. Assemble the supplied spuds/couplings on the meter:

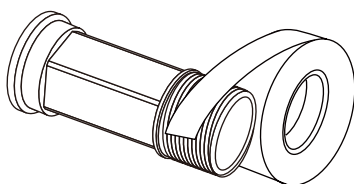


- a. Remove a nut from one side of the meter.
- b. Insert a coupling through the nut.
- c. Place a gasket inside the nut (on top of the coupling flange).
- d. Attach this coupling/gasket/nut assembly onto the meter, by screwing the nut onto the meter.
- e. Hand-tighten.

3. Loose-fit the female pipe fittings (not provided) onto the meter couplings.
4. Holding the meter against the pipe at the installation location, mark the overall length.
5. Cut the piping, using an appropriate pipe-cutting tool, per the tool manufacturer's instructions.
6. Ensure the pipe ends are clean, dry, and free of burrs. Use sandpaper, then a clean dry cloth, to smooth and clean the pipe ends.
7. Remove the female NPT fittings and permanently affix them to the piping [braze, ProPress, SharkBite, etc.] per the fittings manufacturer's instructions.



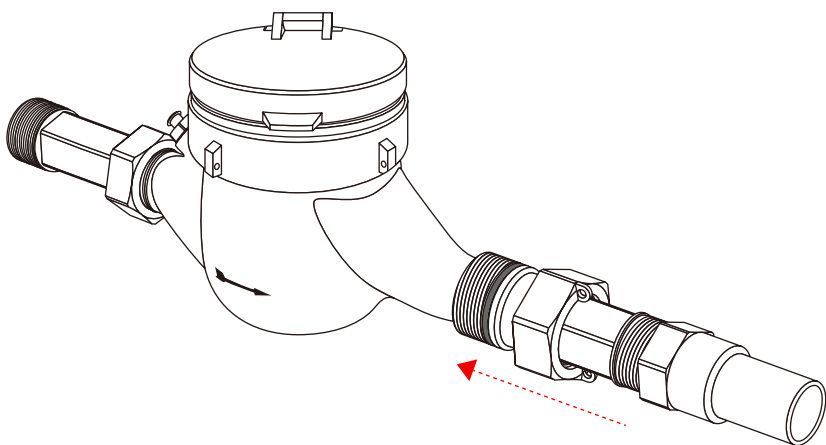
8. Remove the couplings from the meter.
9. Apply thread sealing tape to the (male) threads of the couplings, covering a minimum of five threads.



10. Insert the couplings onto the fittings. Hand-tighten.

11. Use pipe wrenches to tighten an additional half to one full turn. ****Do not overtighten!****

12. With the dial facing up and with the arrow pointing in the flow direction, hand-tighten the coupling nuts to the meter. (The couplings have a gasket connection; do not use thread sealing tape or pipe dope on the meter's threads.)



13. Use a pipe wrench to tighten the coupling nuts and the fittings an additional quarter turn, to seal the gaskets. ****Do not overtighten!****

14. Open shut-off valves, to allow water to flow.

15. Observe all connections, to ensure they are properly sealed, with no leaks.



Install the Motorized Valve

Preparing for installation:

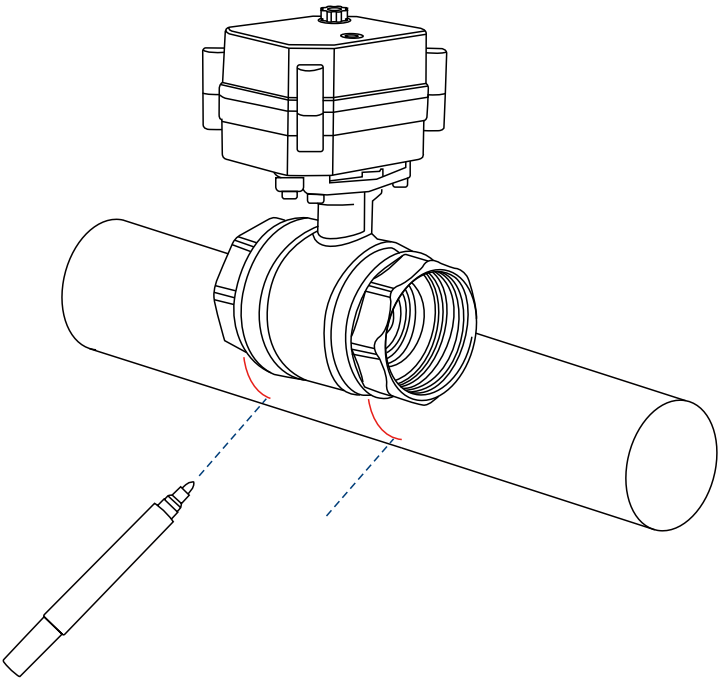
Determine the installed location of your new motorized valve. Please consider these factors when choosing the location for the motorized valve:

- This location must be within reach of the cables of the FlowSmart Control (see Install the FlowSmart Control section, on page 16).
- Ensure that there is physical room for the valve, that other pipes, a wall or other objects will prevent installing it at the desired location.
- The manual control knob and Open/Shut indicator window should be visible and accessible.
- Please note, the valve can be installed in any orientation; sideways, inverted, etc.
- Local plumbing or building codes may require a non-electronic means of water shut-off. If this is the case, or if in doubt on the requirements, install the motorized valve in line (before or after) the existing shut-off valve (ball valve, etc.)



Install the Motorized Valve, Continued

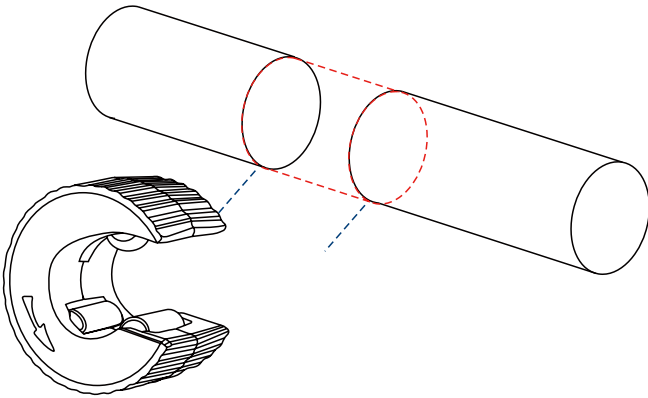
1. Shut-off the water serving the pipe where the valve is to be installed. Drain the water from the pipe, by turning on a faucet, or by other method as required.
2. Depending on the adapter fitting used, measure the length of pipe that must be cut, and mark the cut lines on the pipe, as shown below.





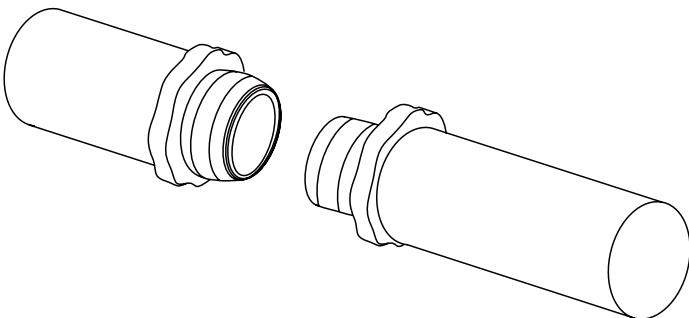
Install the Motorized Valve, Continued

3. Cut the water pipe through the mark using a pipe cutting tool, then remove the cut section of pipe, as shown below.



4. Sand both ends of cut pipe, removing any burrs or rough edges. Use care handling the cut edges, which may be sharp! Wipe off the cut section of pipe with a clean cloth.

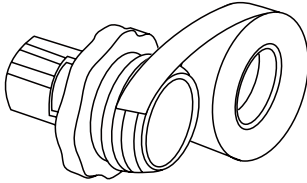
5. Install your adapter fittings in the pipe ends, per the manufacturer instructions.



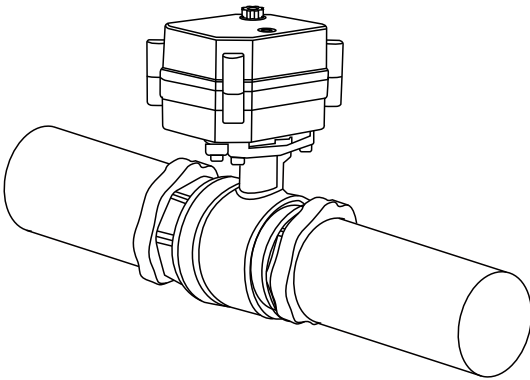


Install the Motorized Valve, Continued

6. Wrap each adapter's threaded end with thread seal tape, per the tape manufacturer's instructions, as shown below.



7. Install the Motorized Valve on the adapter fittings, ensuring a secure connection at each fitting, as shown below.



8. At the water valve or point of disconnection, turn the water on again.

9. Verify there are no leaks and no visible water on the motorized valve.



Power Up, Final Connections & Testing

- 1.** Connect the controller's Water Meter cable to the water meter. This is a cable with a 2-pin connector that should be connected to the controller already, on one end, and with lever type connectors on the other end. The two bare wires on the water meter cable must be connected to the lever connectors. Lever connectors have a lever on each side (wire in / wire out). Lift the levers on the empty side of the connectors, preparing them to accept wires. Matching the wire color on the wires already on the connector, insert the wires of the water meter cable into the connector, black wire to black wire, red wire to red wire. Holding the wires in place, depress the two levers. They should make an audible click. Gently tug on each wire, to ensure a good connection.
- 2.** Connect the controller's Valve cable to the motorized valve. This is a cable with a 5-pin connector. The connectors are keyed and should only insert correctly, but use care to align the two connectors, then twist the collar tight.
- 3.** If using the power adapter, and before plugging in the power adapter to the AC power outlet, connect the controller's 12VDC input cable to the power adapter cable. Plug in the power adapter at the wall outlet.



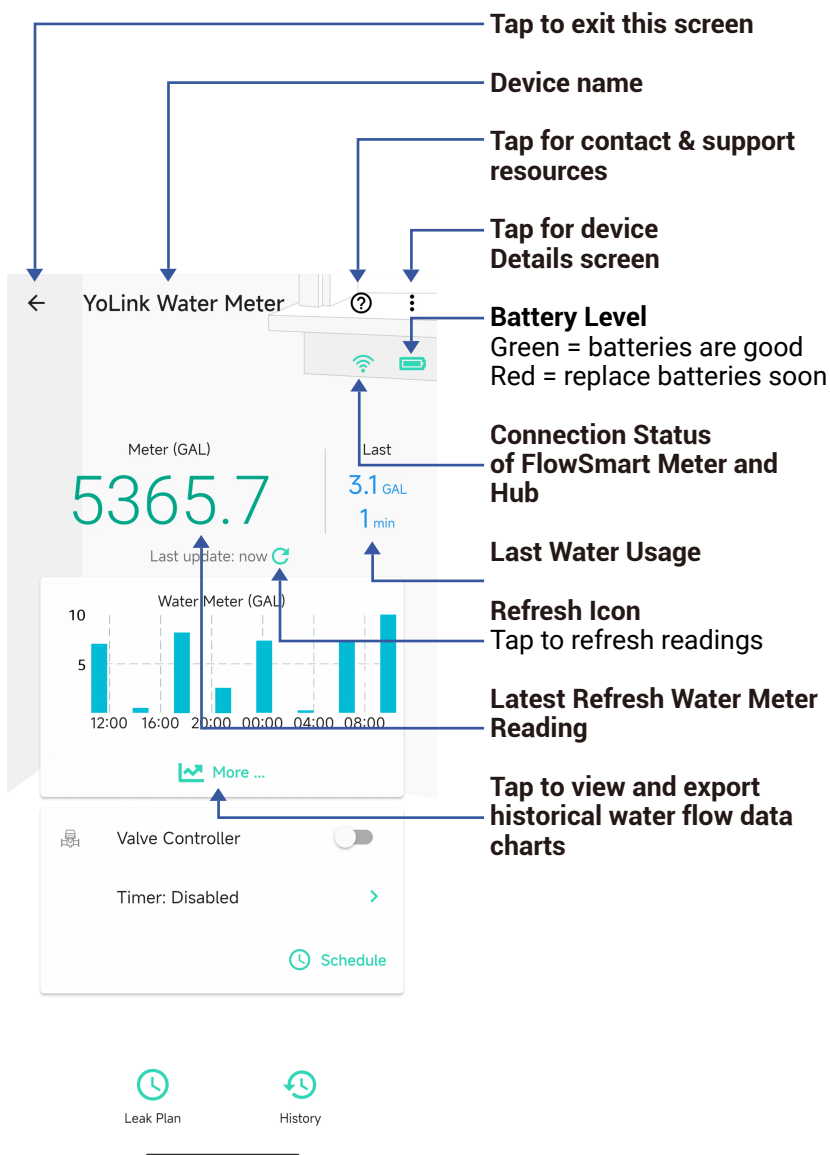
Power Up, Final Connections & Testing, Continued

4. The Meter & Valve Controller will appear offline until it is turned on and it wirelessly connects to a YoLink hub. Turn on the controller by pressing the SET button until you see the LED blink (red, then green, indicates the meter & valve controller has connected to the cloud).
5. In the app, verify the controller is indicated as online.
6. Test the Meter & Valve Controller and valve by pressing the SET button on the controller, and by watching the closing or opening action of the valve. The valve should open and close completely (verify no water is flowing through the valve while closed).
7. Test the operation of the Meter & Valve Controller from the app. From the **Rooms** or **Favorite** screen, locate your meter & valve controller, and tap the slide switch to open or close the motorized valve.

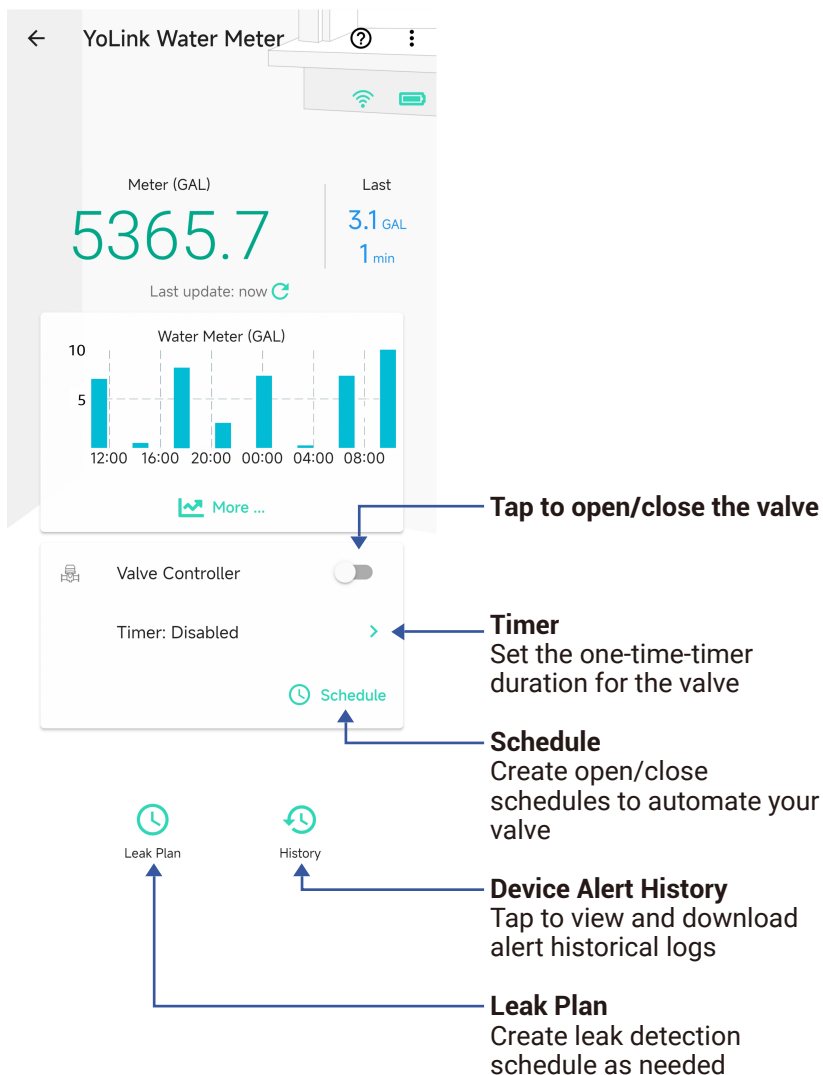


App Functions: Device Screen

In the app, tap on your FlowSmart Meter icon. Your FlowSmart Meter main screen should be similar to the one shown below.



App Functions: Device Screen, Continued





App Functions: Device Details Screen

Tap the three dots (in the upper right corner) to open the FlowSmart Control Details screen. Your FlowSmart Control screen should be similar to the one shown below.

← Details ⓘ

Type YoLink Water Meter

Name YoLink Water Meter >

Room 11FlowSmart >

Favorite Will show in favorite screen ⓘ

Alert >

Valve State Closed

Time 1/3 09:42:28 (GMT+0) Sync With Mobile >

Water meter parameter

Water Meter Reading After installing the device, please synchronize the reading on the water ... ⓘ 7.1 GAL >

Water Meter Type Currently, there are three supported types of meters: gallon meter (for de... ⓘ GAL ▾

Display Unit The unit displayed in the App. GAL ▾

Other

Model YS5006-UC

Device EUI d88b4c0100071a84

SN 645703C180 ⓘ >

Signal Intensity Strong (-24 dBm) >

Battery ⓘ

Firmware 0603

Delete

Device Type

Device Name (Tap to Edit)

Room (Tap to Edit)

Favorite (Red if Favorite, Tap to Edit)

Alert Tap to edit Alert Settings (see Alert Settings)

Valve State Open or Close

Time Tap to sync with mobile

Water Meter Reading Please synchronize the reading on your water meter

Water Meter Type Gallons/Centum Cubic Feet/Cubic Meter

Display Unit The unit displayed in the App



App Functions: Device Details Screen, Continued

←

Details

?

Type

YoLink Water Meter

Name

YoLink Water Meter >

Room

11FlowSmart >

Favorite

Will show in favorite screen

♡

Alert

>

Valve State

Closed

Time

1/3 09:42:28 (GMT+0)

Sync With Mobile >

Water meter parameter

Water Meter Reading

After installing the device, please synchronize the reading on the water ... ⓘ

7.1 GAL >

Water Meter Type

Currently, there are three supported types of meters: gallon meter (for de... ⓘ

GAL ▾

Display Unit

The unit displayed in the App.

GAL ▾

Other

Model

YS5006-UC

Device EUI

d88b4c0100071a84

SN

645703C180

 >

Signal Intensity

Strong (-24 dBm) >

Battery



Firmware

0603

Delete

Model Number

Device EUI
Unique Identifier Number
(Unique)

Device Serial Number

Signal Intensity
(From YoLink Hub)

Battery

Firmware Revision
(Refer to page 43)

Remove Device From Current Account
Tap to delete the device from your YoLink account



App Functions: Alert Settings Screen

← FlowSmart Alert ✓

Alarm Strategy
Default >

You will be notified according to selected alarm strategy when device alerts
[View your alarm strategies](#)

Open Reminder
Alert after left open
Disabled >

Continuous Alarm
Continuous alarm interval
20 min >

Water Meter Equivalent
The precision of the water meter, which is the smallest value. It is the unit for on...
1/10

Leak Threshold
Set a threshold (the amount of water flowing through the pipeline) to detect le...
1.6 GAL >

Auto Shut-off Valve
Whether the valve should be closed when a leak is detected.
☒

Leak Detection Schedule
The time period for leak detection, set to ON or OFF or Leak Plan.
Leak Plan

Max Water Usage per Instance
Auto-shut off the valve and alert you when the maximum continuous water usage du...
1.6 GAL >

Max Water Usage Duration per Instance
Auto-shut off the valve and alert you when the maximum time of water used...
3 minutes >

Alarm Strategy

Tap to edit the sensor's Alarm Strategy

Open Reminder

Alert you when the valve is open for a period of time

Continuous Alarm

Tap to disable or set the alert repeat time

Water Meter Equivalent

This needs to be set initially. It is the unit for one complete revolution of the dial under the sensor

Leak Threshold

Set a threshold to detect leak and trigger an alert when the Leak Detection Schedule is set to ON or Leak Plan

Auto Shut-off Valve

Auto shut-off valve when the leak is detected

Leak Detection Schedule

The time period for leak detection, set to ON or OFF or Leak Plan.

Max Water Usage per Instance

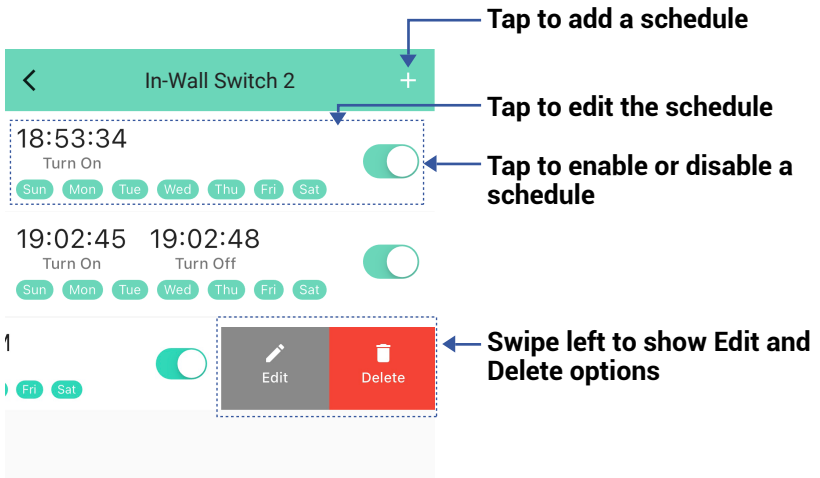
Auto-shut off the valve and alert you when the maximum continuous water usage during a single session reaches your preset limit.

Max Water Usage Duration per Instance

Auto-shut off the valve and alert you when the maximum time of water used during a single session reaches your preset limit.



App Functions: Schedule



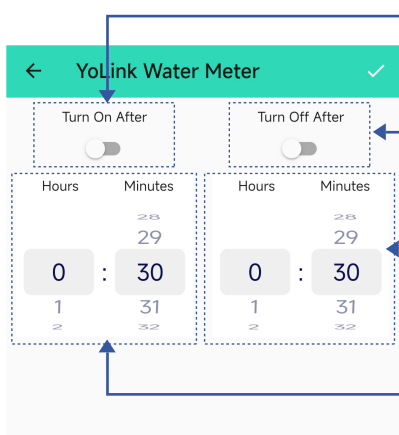
You can have a maximum 6 schedules at one time.

The schedule runs on the device (no internet connection required).

You can add more schedules in Automation settings. Automation settings are saved in the cloud.



App Functions: Timer



Open Valve After
Slide to enable/disable

Close Valve After
Slide to enable/disable

Set the duration
When enabled, the valve will open after this timer duration has elapsed

Set the duration
When enabled, the valve will close after this timer duration has elapsed

The timer starts when the settings are saved (by tapping the checkmark at the upper right of the screen).

You can add more timers in Automation settings. Automation settings are saved in the cloud.

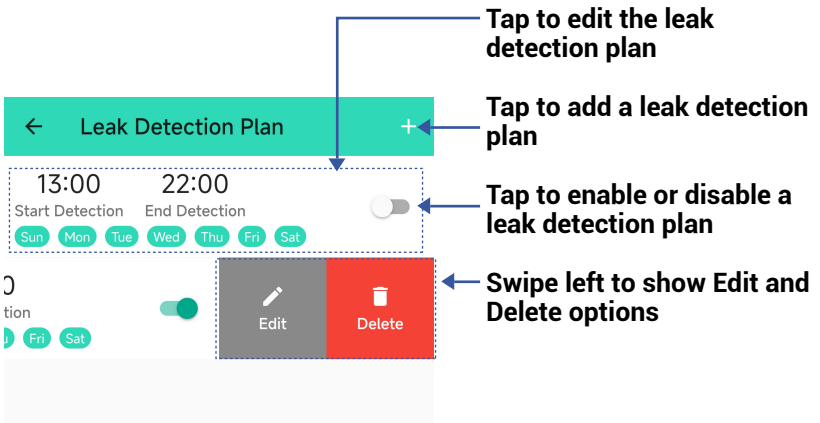


The timer will run only once. You can set a new timer after the timer has already run once or after you cancel it.

The timer runs on the device (no internet connection required).



App Functions: Leak Plan



You can have a maximum 6 leak plan at one time.

The leak plan runs on the device (no internet connection required).



App Functions: Smart - Scene

The screenshot shows the 'Scene' settings interface. At the top is a teal header with a back arrow, the title 'Scene', a refresh icon, and a checkmark icon. Below the header are four rows: 'Name' with the text 'Open Valve >', 'Icon' with a square icon containing the number '1' and a chevron, 'Favorite' with a heart icon, and 'Group' with the text 'HomeScene >'. Below these is a 'Behavior' section containing a list item with a YoLink Water Meter icon, the text 'YoLink Water Meter Open', and three action icons: a sort icon (three horizontal lines with an upward arrow), an add icon (a plus sign), and a delete icon (a red trash can). Blue arrows point from text labels to specific UI elements: 'Tap to save the settings' points to the checkmark icon; 'Name' points to the 'Open Valve >' text; 'Tap to edit the scene name' points to the 'Open Valve >' text; 'Icon' points to the '1' icon; 'Tap to select a scene icon' points to the '1' icon; 'Favorite' points to the heart icon; 'Tap to make it a favorite scene' points to the heart icon; 'Assign the scene to a scene group' points to the 'HomeScene >' text; 'Delete the behavior' points to the red trash can icon; 'Add behavior' points to the plus icon; 'Tap to add a behavior' points to the plus icon; and 'Tap to sort behaviors' points to the sort icon.

Tap to save the settings

Name
Tap to edit the scene name

Icon
Tap to select a scene icon

Favorite
Tap to make it a favorite scene

Assign the scene to a scene group

Delete the behavior

Add behavior
Tap to add a behavior

Tap to sort behaviors



The Scene settings are saved in the cloud.

One Scene group only shows one active scene, for example, in Home scene group, if you execute the Home scene, it will show the Home scene activated, if you execute Away scene next, the Away scene will revert the Home scene's active status to off.



App Functions: Smart - Automation

The FlowSmart Meter can be set up as a condition in automation.

The screenshot shows the 'Automation' settings screen. At the top is a green header bar with a back arrow, the title 'Automation', and a checkmark icon. Below the header, the 'Name' field is set to 'Unusual Water Usage Close Valve'. The 'When' section shows a condition: 'YoLink Water Meter' with the value 'Water usage warning'. The 'Then' section shows a behavior: 'YoLink Valve' with the action 'Close'. The 'Working Time' section is set to 'Always Working'. At the bottom is an 'Advanced Settings' section. Annotations with arrows point to various elements: 'Tap to save the settings' points to the checkmark icon; 'Edit the name of the automation' points to the name field; 'Tap to set a schedule for the automation' points to the 'When' section; 'Add behavior' points to the plus icon; 'Tap to add a behavior' points to the plus icon; 'Delete the behavior' points to the trash icon; 'Tap to sort behaviors' points to the sort icon; 'Always Working' points to the 'Always Working' text; and 'Advanced Settings' points to the 'Advanced Settings' section.

Tap to save the settings

Edit the name of the automation

Tap to set a schedule for the automation

Add behavior
Tap to add a behavior

Delete the behavior

Tap to sort behaviors

Always Working
Tap to set when the automation can be activated

Advanced Settings
Tap to edit advanced automation and logging settings

The Automation settings are saved in the cloud.

You can edit the Advanced Settings, including save the log, retry if action fails, notify if action fails, etc.



Control-D2D Device-to-Device Pairing

YoLink Control-D2D is our unique device-to-device control technology. Using Control-D2D, compatible YoLink devices can control or be controlled by other YoLink devices, without a hub or internet connection. One device can control another device, directly.

A device that controls or sends out commands is called the **controller**. A device that is controlled or receives the commands is called the **responder**. An example of a controller are a Water Leak Sensor, while examples of a responder are a Siren Alarm or a Flowsmart Control Meter & Valve Controller.



Use of YoLink Control-D2D is optional.

One device can be Control-D2D-paired to up to 128 other devices.

Pairing is separate from the app and any automation, scenes or alarm strategies you may have configured in the app. Use care to not create automations that conflict with Control-D2D-pairing and vice-versa.

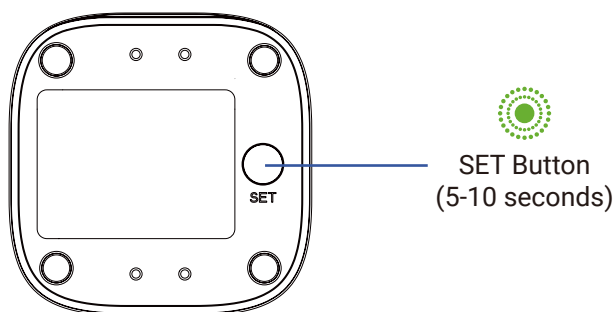
During D2D pairing, both the controller and the responder must be in the correct operational state corresponding to their intended behavior. For example, if the controller (leak sensor) is meant to close a valve when the leak detected, the valve should be closed during pairing.



Control-D2D Device-to-Device Pairing, Continued

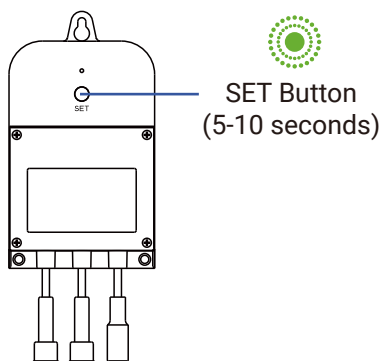
Pairing

1. To configure a Water Leak Sensor 1 as a controller, press and hold the leak sensor's SET button for 5-10 seconds, until the LED quickly blinks green, then release the button.



2. To configure the Flowsmart Control Meter & Valve Controller as a responder, first ensure that the valve or Bulldog is in the closed position. Press and hold the controller's SET button for 5-10 seconds until the LED quickly blinks green, then release the button.

Upon pairing, the LED will stop blinking. This may happen after only blinking two or three times.





Control-D2D Device-to-Device Pairing, Continued

Testing

1. Ensure the valve is in the normal (open) position.
2. Test the water leak sensor (if needed, refer to the sensor user guide for testing instructions).
3. Verify that the valve closes immediately when the leak sensor is activated.

Unpairing

1. At the Water Leak Sensor, press and hold the SET button for **10-15** seconds, until the LED quickly blinks green then red, then release the button.
2. At the Flowsmart Control Meter & Valve Controller, press and hold the SET button for **10-15** seconds, until the LED quickly blinks green then red, then release the button.

Upon unpairing, either the Water Leak Sensor LED or the Flowsmart Control Meter & Valve Controller LED will stop blinking and turn off.

At this time, you can test the leak sensor to confirm it no longer activates the valve controller. If you also have any automations or alarm strategies that may also control the valve controller, disable them before testing.



Factory Reset

Factory reset will erase device settings and restore it to factory default settings. Doing a factory reset will not remove the device from your account and it will not harm the device, or lose any data or require you to redo your automations, etc.

Instructions:

Hold the SET button down for 20-30 seconds, until the LED blinks red and green alternately. Then, release the button. (Holding the button down longer than 30 seconds will abort the factory reset operation)

Factory reset will be complete when the LED stops blinking.



Only deleting a device from the app will remove it from your account. Factory reset will not delete the device from the app.

Firmware Update

Your YoLink products are constantly being improved, with new features added. It is periodically necessary to make changes to your device's firmware. For optimal performance of your system, and to give you access to all available features for your devices, these firmware updates should be installed when they become available.

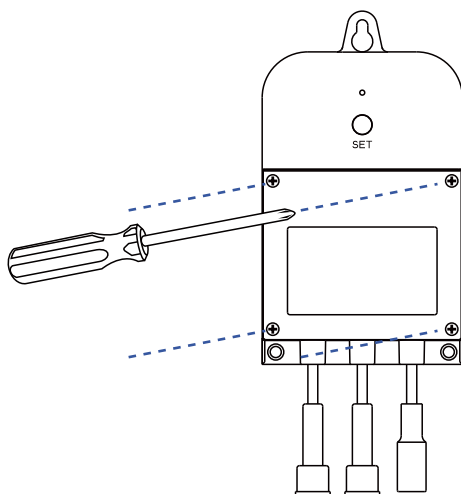
In the Detail screen of each device, at the bottom, you will see the Firmware section, as shown in the image below. A firmware update is available for your device if it says "#### ready now"

Tap in this area to start the update.

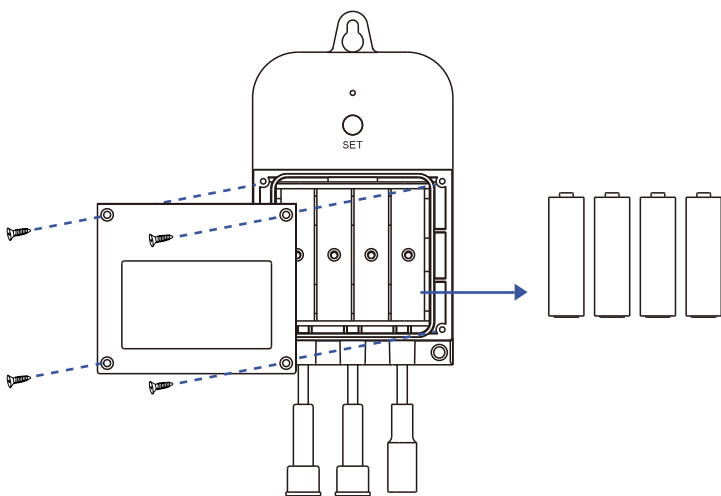
The device will update automatically, indicating progress by percentage-complete. You may use your device during the update, as the update is performed "in the background". The LED will slowly blink green during the update, and the update may continue for several minutes beyond the LED turning off.

Y Battery Replacement

1. Using a Phillips screwdriver, loosen the four battery cover screws, and remove the battery compartment cover.

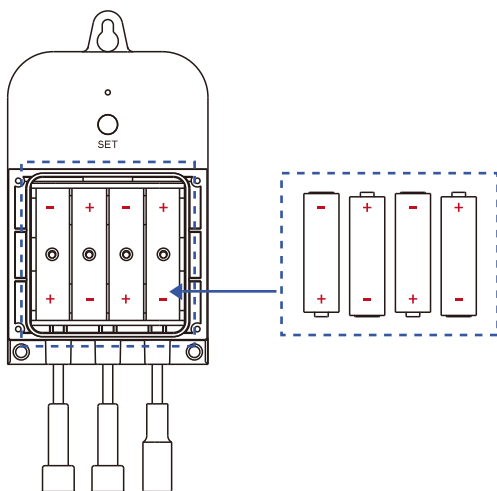


2. Remove all four batteries.



Y Battery Replacement, Continued

3. Observing the correct battery position and polarity, replace them with new AA batteries



4. Replace the battery compartment cover and tighten the screws.

5. In the app, verify the Flowsmart Control Meter & Valve Controller is online and the batteries are indicated as good.



The Flowsmart Control Meter & Valve Controller can be powered by alkaline or lithium-ion batteries. Do not use rechargeable or other type batteries.

Z Specifications

Power Supply:	4-AA alkaline battery (non-rechargeable AA batteries)
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IP Rating :	IP66
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Dimensions :	5.62 × 3.18 × 1.18 inches (143 × 81 × 30 millimeters, L×W×D)
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Standby Current	90uA
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Wireless:	LoRa 915MHz
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Battery Life standby:	2 Years
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Environment :	Working Temperature : -4°F - 100°F (-20°C - 50°C) Working Humidity : ≤90%RH
---------------	---



Troubleshooting

Problem:

The FlowSmart Control is offline

Possible Solutions:

- a) Ensure the FlowSmart Control is on. Repeat the Power Up section steps, if needed
- b) Replace the batteries

Problem:

The FlowSmart Control does not respond to the SET button being pressed and/or the Motorized Valve is unresponsive

Possible Solutions:

- a) Ensure the FlowSmart Control is on. Repeat the Power Up section steps, if needed
- b) Double check the cable connectors for correct and tight connections
- c) Replace the batteries

If this does not resolve the issue, please contact our customer support department (see the contact info on the last page of this guide).



Warnings

- Please install, operate and maintain the FlowSmart Control (and Water Meter or Motorized Valve) only as outlined in this manual. Improper installation or use may damage the unit and/or void the warranty.
- Do not install or use the device outside of the temperature and humidity range listed in the environmental specifications.
- If used outdoors, for the maximum life of the device, provide overhead cover or a protective enclosure. This can protect it from the damaging effects of intense direct sunlight and/or rain over a period of years.
- Do not immerse or allow the devices to be immersed or submerged in water.
- Avoid placing the devices in extremely dirty or dusty environments.
- If the device does get dirty, please clean it by wiping it down with a clean dry cloth. Do not use strong chemicals or detergents, which may damage or discolor the exterior and/or damage the electronics, voiding the warranty.
- Do not install the device where it may be subjected to vandalism, abuse, physical impacts or strong vibrations. Physical damage is not covered by the warranty.



Warnings, Continued

- Power the FlowSmart Control only with new AA alkaline batteries or lithium-ion batteries. Do not use rechargeable batteries, do not use other type batteries (e.g. zinc blend). Do not mix old and new batteries.
- If storing the FlowSmart Control for extended periods, remove the batteries.
- Please contact Customer Support before attempting to repair, disassemble or modify the device, any of which can permanently damage the device and void the warranty.



1 Year Limited Mechanical Device Warranty

2 Year Limited Electrical Device Warranty

YoSmart warrants to the original user of this product that it will be free from defects in materials and manufacturing workmanship, under normal use, for 1 year from the date of purchase for the Water Meter or Motorized Valve and for 2 years from the date of purchase for the FlowSmart Control.

The warranty does not cover abuse or misused products, nor does this warranty apply to products that have been improperly installed, were modified, or put to a use other than designed. This warranty does not cover products subjected to acts of God (such as floods, lightning strike or electrical surge, or earthquakes, etc.).

This warranty is limited to repair or replacement of the product only at YoSmart's sole discretion. YoSmart will NOT be liable for any costs associated with removing or reinstalling the product. YoSmart will NOT be liable for direct or indirect or consequential damages to persons or property resulting from the use of this product.

The warranty only covers the cost of replacement products or parts. It does not cover shipping and handling charges or fees.

To implement this warranty, please refer to the Contact Us section of this guide.



FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.



FCC Statement, Continued

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

PRODUCT NAME:
FLOWSMART CONTROL METER & VALVE CONTROLLER

PARTY:
YOSMART, INC.

TELEPHONE:
831-292-4831

MODEL NUMBER:
YS5006-UC

ADDRESS:
25172 ARCTIC OCEAN DRIVE, SUITE 106
LAKE FOREST, CA 92630 USA

EMAIL:
SERVICE@YOSMART.COM



Contact Us

We are here for you, if you ever need any assistance installing, setting up or using a YoLink app or product!

Need help? For fastest service, please email us 24/7 at service@yosmart.com

Or call us at **831-292-4831** (US phone support hours: **Monday - Friday, 9AM to 5PM** Pacific)

You can also find additional support and ways to contact us at:

www.yosmart.com/support-and-service

Or scan the QR code:



Support Home Page

Finally, if you have any feedback or suggestions for us, please email us at feedback@yosmart.com

Thank you for trusting YoLink!

YoLink Customer Support

YOLINK

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