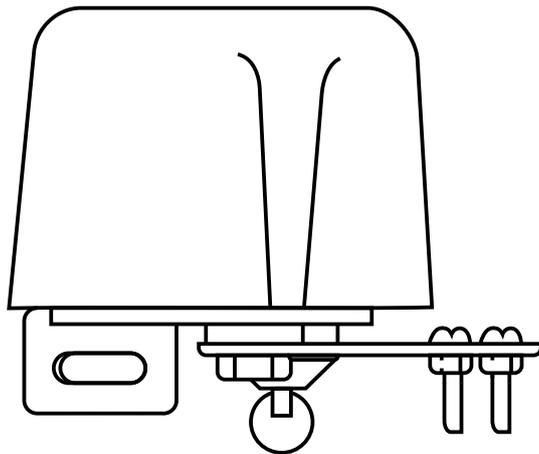


# YOLINK

## User Guide

YS4907-UC

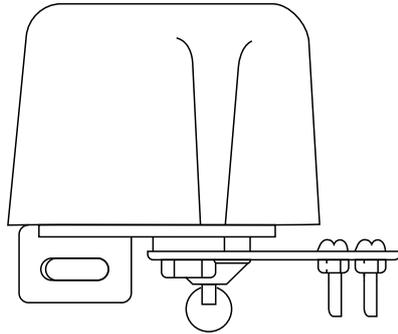


Gas/Water Valve

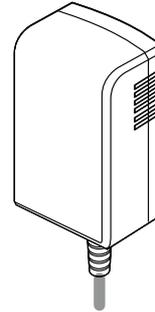
# Contents

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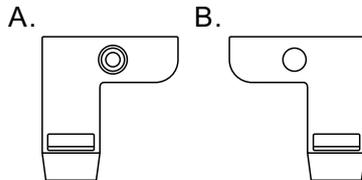
# What's Included



Gas/Water Valve



Power Adapter



Bracket



Stainless Steel Laryngeal Ligation

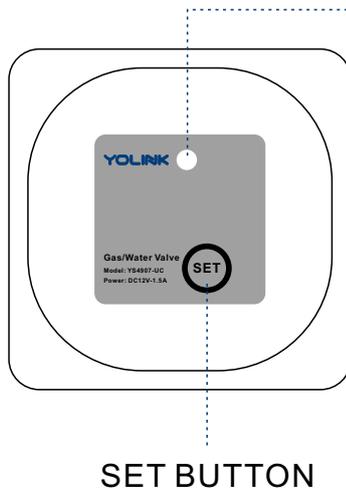


Screw

# Introduction

Yolink Gas/Water Valve, a device able to remote control one gas Valve or water Valve by IOS or Android device within Yolink App. Along with the Yolink App, connect the Gas/Water Valve to your Yolink Home System, which able to change the status of the device. Also, Yolink Gas/Water Valve is able to respond to different situation after simple set up in Yolink App.

LED lights can show the current status of device. See the explanation below:



- **Blue Once**  
The Valve is On.
- **Red Once**  
The Valve is Off.
- ⦿ **Blinking Blue**  
Connecting to Cloud.
- ⦿ **Fast Blinking Blue**  
Set Up Connection with Devices (YoLink Control).
- ⦿ **Fast Blinking Red**  
Remove Connection with Devices (YoLink Control).
- ⦿ **Slow Blinking Blue**  
Updating.
- ⦿ **Blinking Alternately Red and Blue**  
Factory resetting.

# Features

**Control from anywhere** - Control your Gas/Water Valve remotely via YoLink App on your iOS or Android device.

**Timer & Schedule** - Automatically turn on or off Gas/Water Valves after or at a certain time.

**Long Range** - Up to 1,000 Feet between Hub and device.

**Scene** - One-click control. Tap the scene button to automatically turn on or off your Gas/Water Valves and action of other devices.

**Automation** - Set up rules for “If this then that” function.

**Voice Control** - Use Alexa or Google Assistant to control your devices with voice commands.

**YoLink Control** - No internet required, turn on or off your Gas/Water Valve when you set up your Valve with a sensor or remote controller.

# Product Requirements

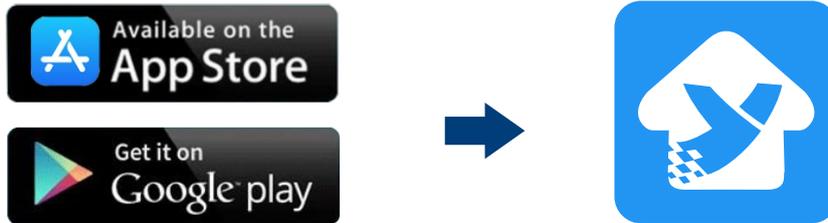
- A screwdriver.
- A YoLink Hub.
- A smartphone or tablet running iOS 9 or higher; Android 4.4 or higher.

# Set Up Gas/Water Valve

Follow the steps below to set up your Gas/Water Valve via YoLink App.

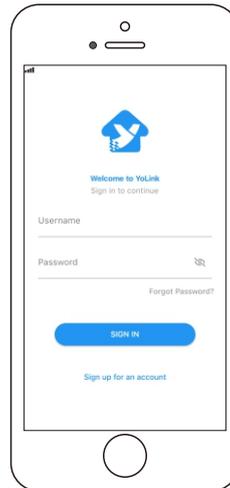
## Step 1: Set up YoLink App

- Get the YoLink App from the Apple App Store or Google Play.



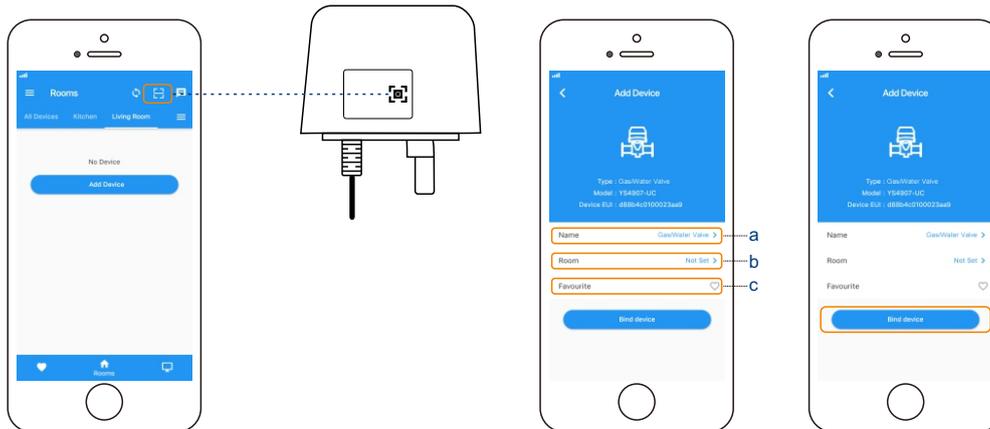
## Step 2: Log in or sign up with YoLink account

- Open the YoLink App. Use your YoLink account to log in.
- If you don't have YoLink account, tap **Sign up for an account** and follow the register steps to sign up an account.



## Step 3: Add device to YoLink App

- Tap the “” in YoLink App. Scan the **QR Code** on the device.
- You can customize the name, set the room, add to/remove from favourite.
  - a. **Name** - Name Gas/Water Valve.
  - b. **Room** - Choose a room for Gas/Water Valve.
  - c. **Favourite** - Click “” icon to add/remove the device from Favourite.
- Then, tap the “Bind Device” icon to add the device to your YoLink account.

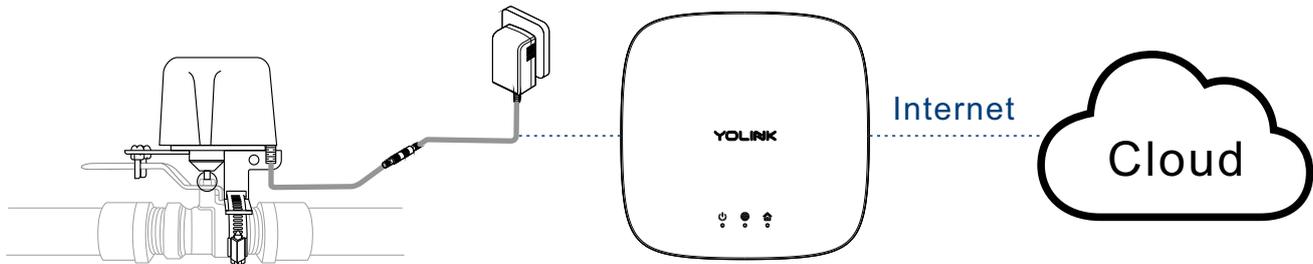


## Step 4: Connect to the cloud

- Power on the valve using the supplied power adapter and your device will connect to the cloud automatically.

### Note

- Follow the following page to install the device first.
- Make sure you hub is connected to internet.



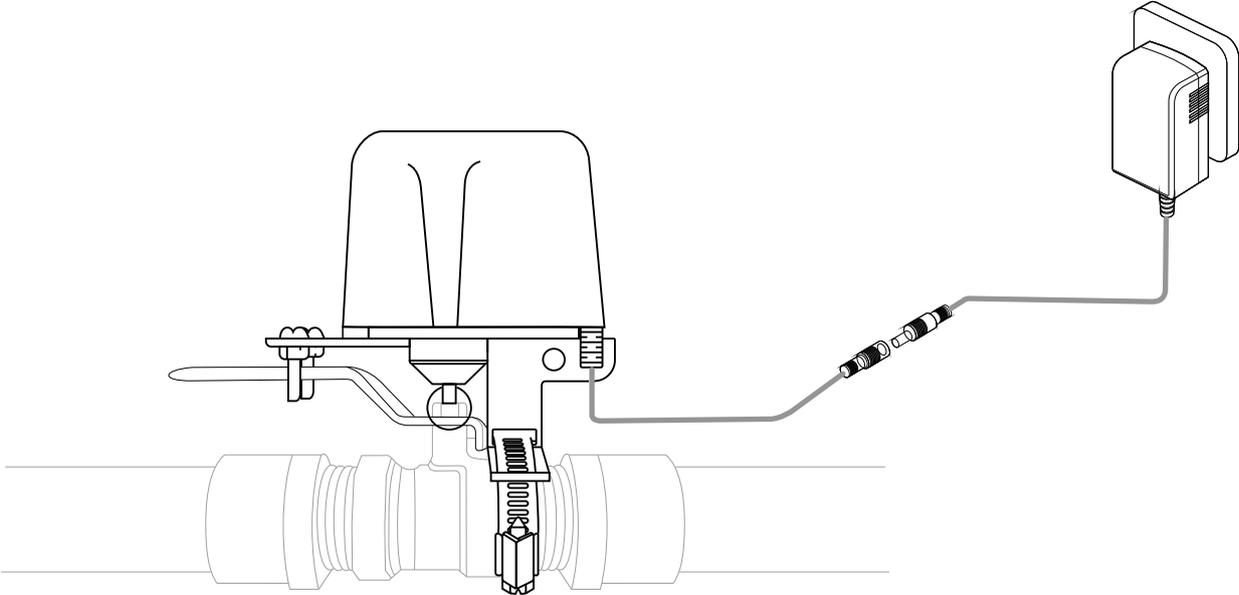
# Installation

- Hold the mounting lug of the Valve with 2 brackets, and lock them with a screw.
- Pass the stainless steel throat through the bracket, then fix it on the water pipe valve and adjust the position.
- Plug in and power on the device.

## Note

- Use the included adapter.
- The center axis of the manipulator must be aligned with the center axis of the water pipe valve and the corresponding screw is locked.
- The Valve should not be close to the wall and should be installed more than 20mm from the wall.
- The Valve should be installed on the original main water pipe/gas valve.
- The Valve should be installed in a position that is convenient for manual operation.
- The Valve should be as far away as possible from the fire source.

# Installation Diagram



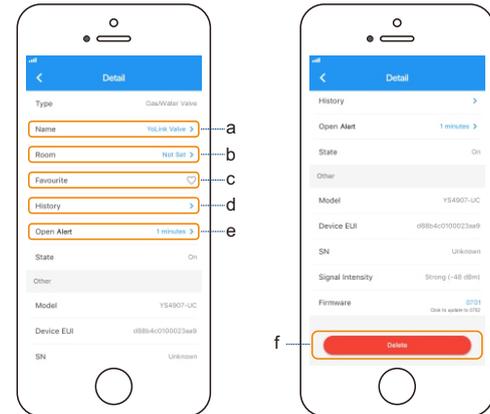
# Using YoLink App with Gas/Water Valve

## Details

You can customize the name, set the room, add to/ remove from favourite, set the open alert, check device history.

- Name** - Name Gas/Water Valve.
- Room** - Choose a room for Gas/Water Valve.
- Favourite** - Click “❤️” icon to add/remove the device from Favourite.
- History** - Check the history log for the Gas/Water Valve.
- Open Alert** - Set a time which you will able to receive an alert once your valve has been open for that long.
- Delete** - The device will be removed from your account.

- Tap the “Gas/Water Valve” in App to go to its controls.
- Tap the “⋮” icon at the top-right corner to go to details.
- Tap the icon for each of the setting you want to personalize.



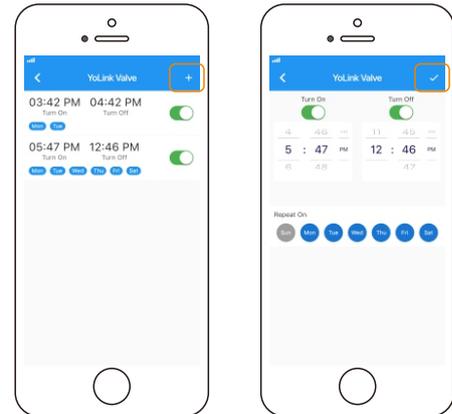
## Schedule

You can create ON/OFF schedules to automate change the status of Valve to cooperate with your home or work schedules.

- Tap the “Gas/Water Valve” in App to go to its controls.
- Tap “Schedule” to go to its schedules.
- Tap “ + ” icon to add a new schedule.
- Within the Add Schedule, set the time, your preferred state (“ON”, ”OFF” or “ON then OFF”) for the connected device, and repeating frequency.
- Tap “ ✓ ” icon to save.
- Activate or deactivate schedule at the schedule screen.
- Swipe left any schedule for edit or delete it.

### Note

- You can keep maximum 6 schedules at one time.
- The schedule here is running at device without internet.
- You may try to add schedule at Automation where you can add as many as you want. The automation setting is saved in cloud.



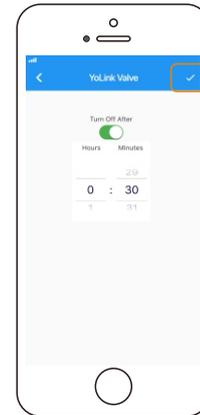
# Timer

With YoLink App, you can set up a timer to turn on or/and off your Valve.

- Tap the “Gas/Water Valve” in App to go to its controls.
- Tap “Timer” to go to timer setting.
- Choose an action from “On After” and “Off After”.
- Set the timer duration in Hours and Minutes.
- Tap “ ✓ ” icon to save.

## Note

- One timer will run only once. You can set a new timer after the timer has already run or once you cancel it.
- The Timer here is running at device without internet.



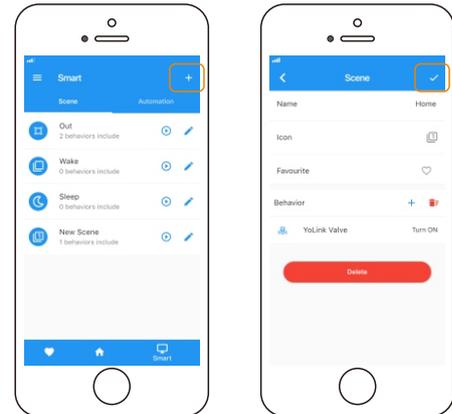
# Scene

Set one-click control for multiple devices in your YoLink App. You only run a scene via your YoLink App.

- Tap “Smart” to switch to Smart Screen.
- Tap “ + ” to create your own Scene.
- To set a Scene, you will be able to put one or more devices under this scene, and define their actions and/or states.
- To execute a Scene, you may tap any scene at “Smart” or “Favourite” if you mark it as favourite.
- Swipe left any Scene order to edit or delete it.

## Note

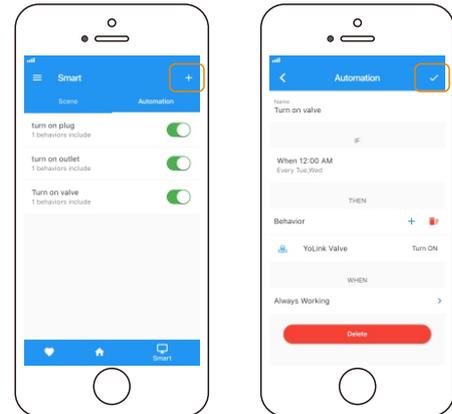
- You must have at least one YoLink Device in order to create a Scene.



# Automation

Automation allows you to set up “IF This Then That” rules so the devices could act automatically.

- Tap “Smart” to switch to Smart Screen and tap “Automation”.
- Tap “ + ” to create an automation.
- To set an Automation, you will need to set a trigger time, local weather condition, or choose a device with certain stage as a triggered condition. Then set one or more devices, scenes to be executed.



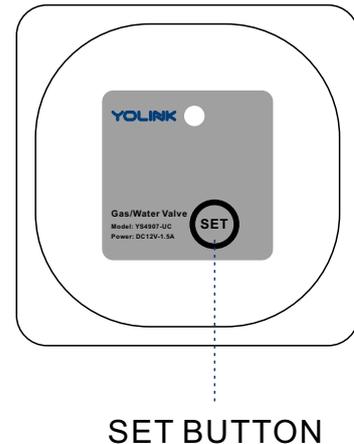
# YoLink Control

YoLink Control is our unique “device to device” control technology. Under YoLink Control, the devices can be controlled without internet or Hub. Device which send out command is called controller(Master). Device which receive command and act accordingly is called responder(Receiver).

You will need to set it up physically.

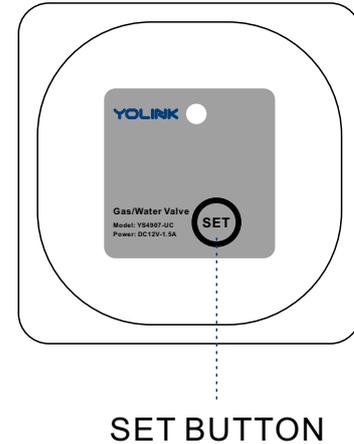
## Pairing

- Find a sensor as controller(Master). Hold the power/set button for 5-10 seconds, the device will enter pairing mode.
- Find a Gas/Water Valve as responder(Receiver). Hold the set button for 5-10 seconds, the light will flash green quickly.
- After pairing is done, the light will stop flashing.
- When the sensor alerts, the Gas/Water Valve will turn off as well.



## Unpairing

- Find the controller(Master) sensor. Hold the power/set button for 10-15 seconds, the device will enter unpairing mode.
- Find the responder(Receiver) Gas/Water Valve. Hold the set button for 10-15 seconds, the light will flash red quickly.
- The above two devices will unpair by themselves and the light stops flashing.
- When the sensor alerts, the Gas/Water Valve will no longer turn off.

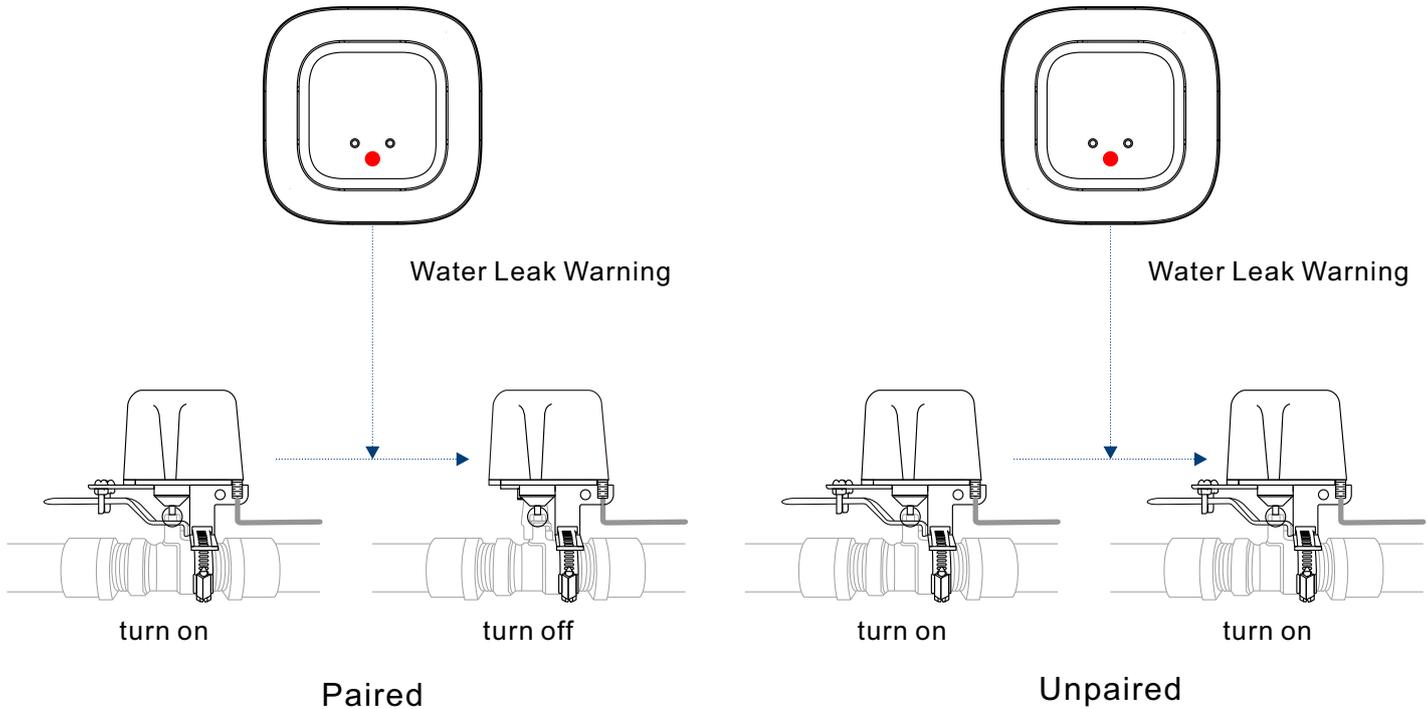


## Controller List

- YS7903-UC Leak Sensor

Continuously updating..

# YoLink Control Diagram



# Maintaining the Gas/Water Valve

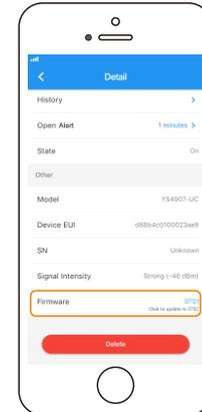
## Firmware Update

Ensure our customer have the best user experience. Highly recommend you could update our newest version firmware.

- Tap the “Gas/Water Valve” in App to go to its controls.
- Tap the “ : ” icon at the top-right corner to go to details.
- Tap “Firmware”.
- The Feature light will be slowly blinking blue during update and stop blinking when update is done.

### Note

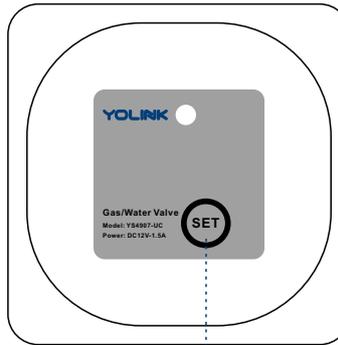
- Only the Gas/Water Valve that is currently reachable and has an available update will be shown on the Details screen.



# Factory Reset

Factory reset will erase all your settings and bring it back to default. After the factory reset, your device will still in your Yolink account.

- Hold the SET button for 20-25 seconds until the LED blinks red and blue alternately.
- Factory reset will be done when the light stops flashing.



SET BUTTON

## Specifications

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Power voltage: 5V DC

---

Motor operating power:  $\leq 9.5W$

---

Valve pressure: 1.6MPa

---

Torque: 40kgf.cm

---

Automatic valve time: 5~10 seconds

---

Electric valve opening time: 5~10 seconds

---

Applicable water pipe size: 1/2 inch (Dn15), 3/4 inch (DN20), 1 inch (DN25)

---

Environment: Working temperature:  $-10^{\circ}C \sim 50^{\circ}C$  ( $14^{\circ}F \sim 122^{\circ}F$ ,  
Note: the pipe can't freeze)  
Working Humidity:  $\leq 95\%$

---

Service life: 100,000 operations

---

# Troubleshooting

| Problem             | Possible Reason                                   | Solution   |
|---------------------|---|--|
| Valve is offline.   | Hub is offline.                                   | Please reconnect your hub to the Internet and press the set button of the valve once.  |
|                     | Hub is powered off.                               | Please power on the hub again and press the set button of the valve once.  |
|                     | Valve does not power on.                          | Please power on the valve.   |
|                     | Product defective.                                | Please contact customer service.   |
| Timer does not run. | There was a power blackout before timer executes. | Please press the SET button once to turn on/off the valve, also you can turn on/off the valve via YoLink App or set a new timer. |
| Other problems.     | Product defective.                                | Please contact customer service.   |

**If you are unable to get your valve working  
Please contact Our Customer Service during business hours**

US Live Tech Support: 1-844-292-1947 M-F 9am - 5pm PST

Email: [support@YoSmart.com](mailto:support@YoSmart.com)

YoSmart Inc. 17165 Von Karman Avenue, Suite 105, Irvine, CA 92614

**WARRANTY** 1 Year Limited Electrical Warranty

YoSmart warrants to the original residential user of this product that it will be free from defects in materials and workmanship, under normal use, for 1 year from the date of purchase. User must provide a copy of original purchase receipt. This warranty Does Not Cover abuse or misused products or products used in commercial applications. This warranty does not apply to valves that have been improperly installed, modified, put to a use other than designed, or subjected to acts of God (such as floods, lightning, earthquakes, etc.). This warranty is limited to repairing or replacing of this valve only at YoSmart's sole discretion. YoSmart will NOT be liable for the cost of installing, removing, nor reinstalling this product, nor direct, indirect, or consequential damages to persons or property resulting from the use of this product. This warranty only covers the cost of replacement parts or replacement units, it does not cover shipping & handling fees.

To implement this warranty please give us a call during business hours at 1-844-292-1947, or visit [www.yosmart.com](http://www.yosmart.com).

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## FCC Statement

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.
- 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.

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.
- 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: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

## FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

“To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.”