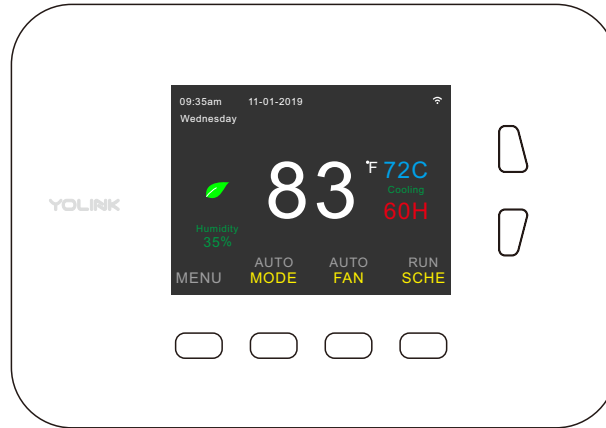


YOLINK

User Guide

YS4002-UC

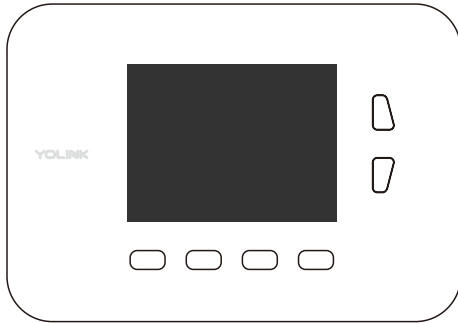


YoLink Thermostat

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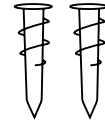
What's In The Box



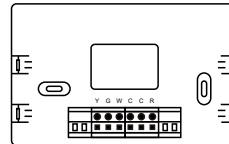
YoLink Thermostat * 1



Wall Screw * 2



Drywall Anchor * 2



Backplate * 1

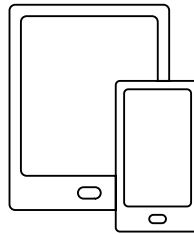


Quick Start Guide * 1

Product Required (not included)



YoLink Hub
(Connecting to internet)



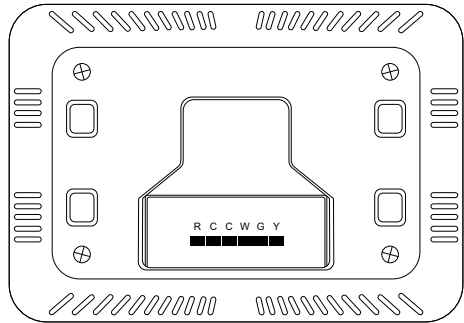
A smartphone or tablet
(running iOS 9.0 or higher;
Android 4.4 or higher)



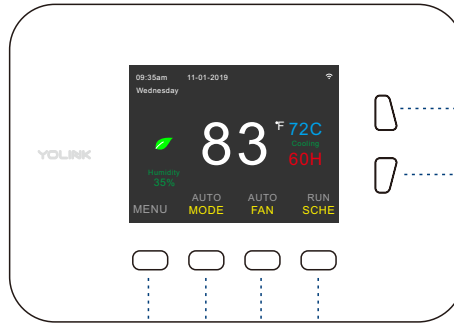
Screwdriver

Introduction

YoLink Thermostat replaces old thermostat, just a tap of the button on the device or YoLink App lets you remotely access, change or set your temperatures at anytime anywhere. Designed to work with HVAC equipment in most homes (U.S. & Canada only).



R: Live wire; C: Common wire
Y: Cool; G: Fan; W: Heat



SWITCH BUTTON

SCHE
Switch activate or deactivate schedules

FAN
Switch auto or always run the fan

MODE
Switch different mode: Auto, Heat, Cool, Off

MENU
All settings

Features

Control from anywhere - Control your YoLink Thermostat remotely via YoLink App on your iOS or Android device.

Schedule - Automatically keep your HVAC a comfortable temperature at certain times.

ECO - Automatically adjust your schedules according to ECO settings.

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

Work with IFTTT - Set up rules for “If This Then That” function via IFTTT App.

Set Up YoLink Thermostat

Follow the steps below to set up your YoLink Thermostat via YoLink App.

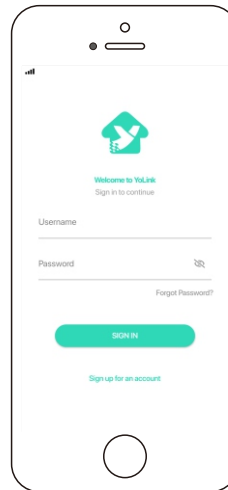
Step 1: Set up YoLink App

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





Step 2: Log in or sign up with YoLink account

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

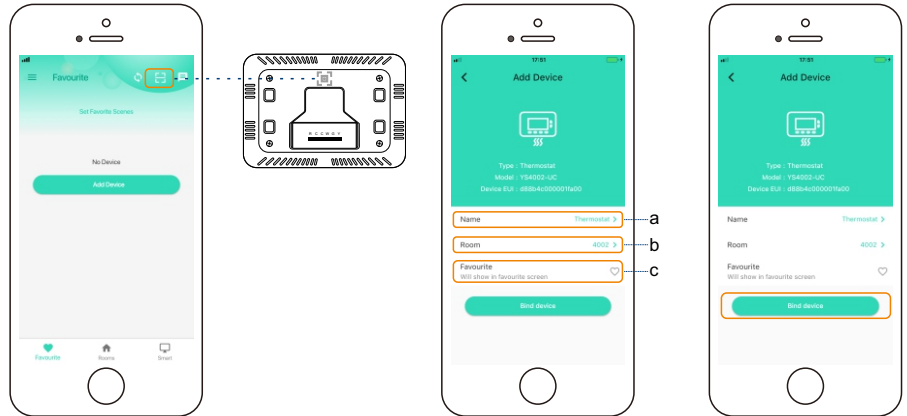


Step 3: Add device to YoLink App

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

Note

- Please add your YoLink Thermostat to YoLink App first **before** you install it.

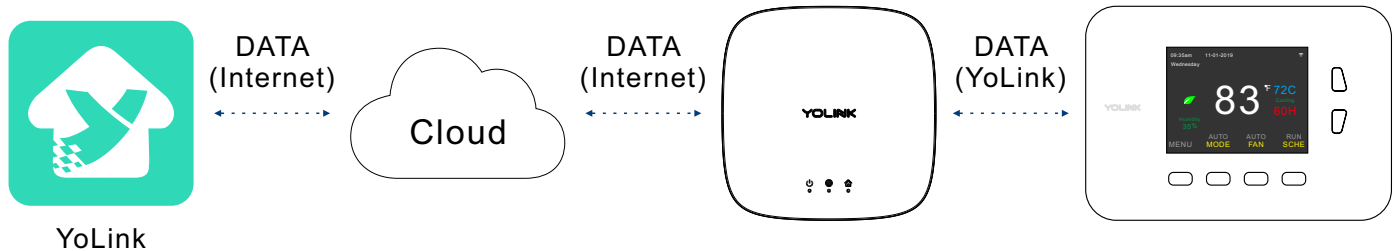


Step 4: Set up connection

- Turn on YoLink Thermostat and the device will be ready to use.

Note

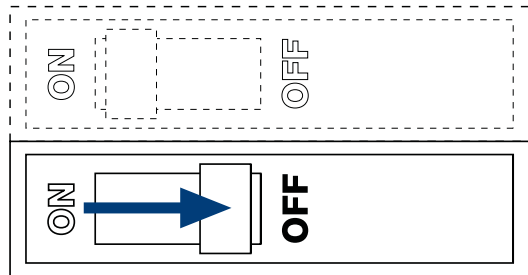
- YoLink Hub is required to set up YoLink Thermostat. Please set up your YoLink Hub first.



Install the YoLink Thermostat

Step 1: Turn off power

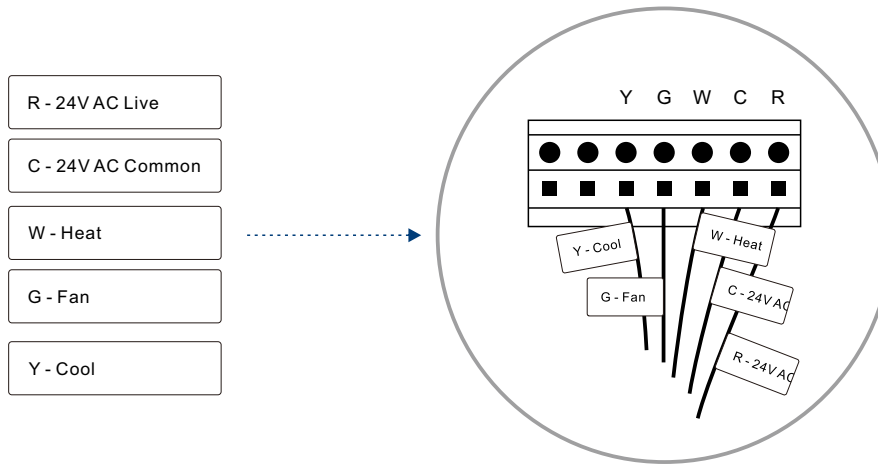
- This protects you and avoids blowing a fuse in your equipment. Press any button on your old thermostat to make sure your system is off.



Turn off the power

Step 2: Label wires

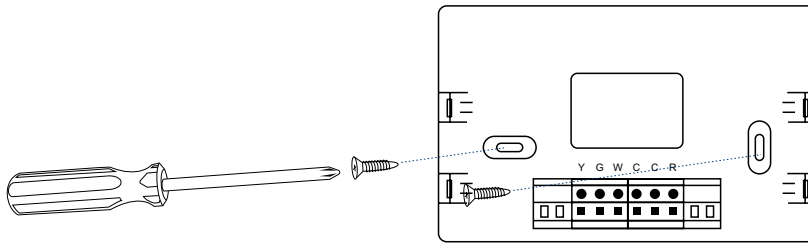
- Remove cover, peel off the labels below and attach them to the thermostat's matching wires.



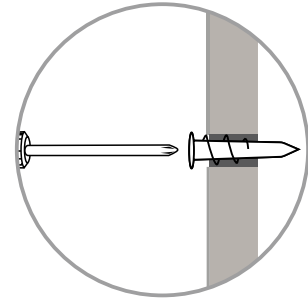
Label wires

Step 3: Mount the backplate

- Mount the backplate by screwing it onto the wall using the provided screws. Wall anchors are included for drywall.



Mount the backplate



Wall Anchors
(Drywall installs)

Step 4: Connect your wires

- Connect the wires in order to make sure your controller works well.

R - Live Wires. Live Wires are often labeled “R” or “Live”. You can insert them into any of the “R” terminals.

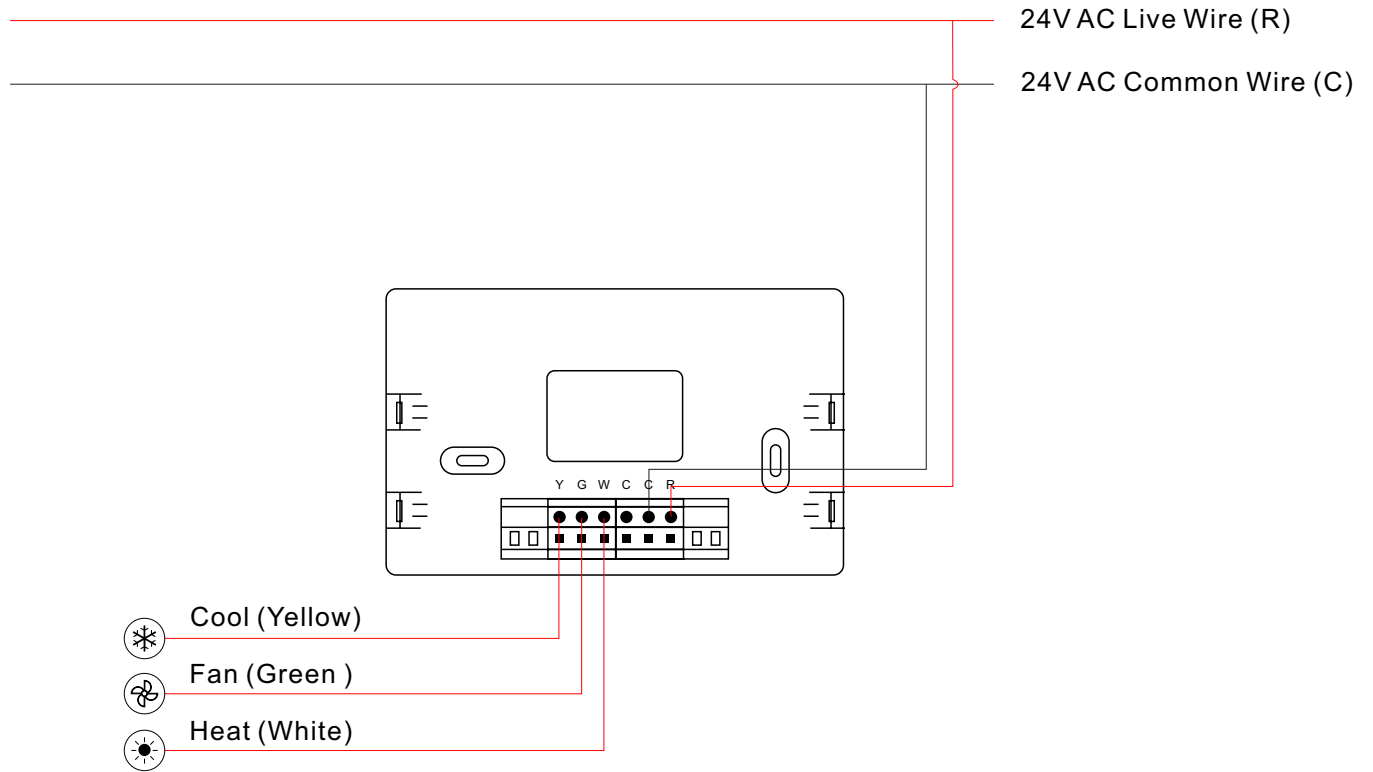
C - Common Wires. Not all systems have a C wire. Common wires are often labeled “C” or “Com”. You can insert them into the “C” terminals.

W - Heat wires. Heat wires are often white wires, wire it into the “W” terminal.

G - Fan Wires. Fan wires are often green wires, wire it into the “G” terminal.

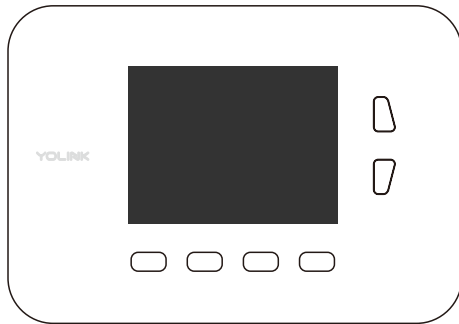
Y - Cool Wires. Cool wires are often yellow wires, wire it into the “Y” terminal.

Wiring diagram (C-wire needed)

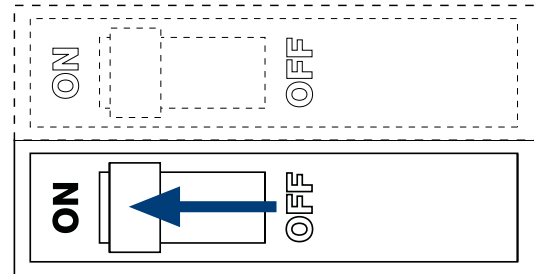


Step 5: Install the new and turn on power

- Gently push the new, wired thermostat back onto the backplate and turn power on.



Install the new

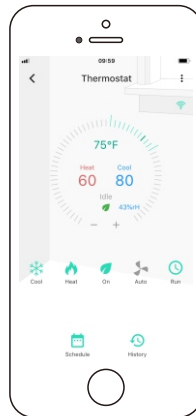


Turn on the power

Using YoLink App with YoLink Thermostat

Controls

- Show you the current running mode, temperature and humidity. Also you can adjust the set point for both cool temperature and heat temperature.

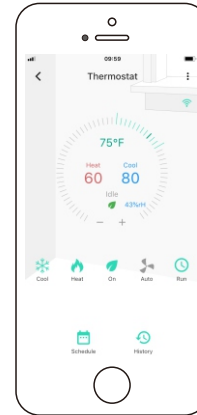


Mode

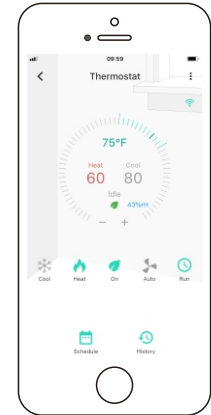
You can set running modes according to your need.

- a. **Auto** - Auto run cooling or heating.
- b. **Cool** - Cooling only.
- c. **Heat** - Heating only.
- d. **Off** - Will not run cooling or heating.

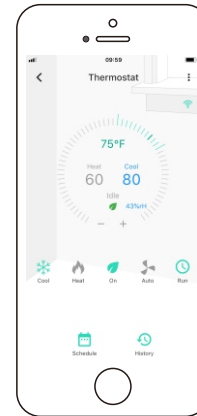
- Tap the “YoLink Thermostat” in App to go to its controls.
- Tap “ ❄️ ” icon to enable/disable Cool mode, tap “ 🔥 ” icon to enable/disable Heat mode. Both Cool mode and Heat mode are enabled, thermostat will run Auto mode. Neither Cool mode nor Heat mode is enabled, thermostat will run Off mode.



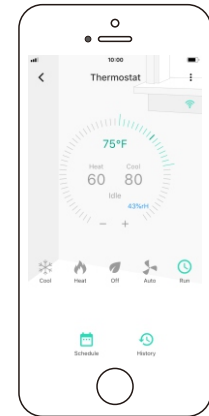
AUTO



HEAT




COOL



OFF

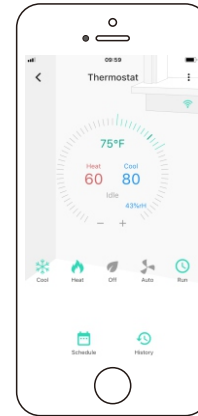
ECO

Under ECO mode, HVAC will automatically adjust the cool or heat temperature to a more cool or more heat temperature according to the ECO setting via YoLink App.

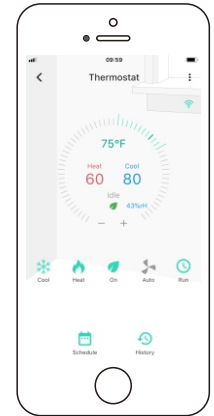
- Tap the “YoLink Thermostat” in App to go to its controls.
- Tap “” icon to enable/disable ECO mode.

Note

- There will be a green leaf on the Control screen when ECO mode is on.
- Through Detail screen, you can edit adjust temperature and also you can enable/disable ECO mode.



ECO MODE is OFF




ECO MODE is ON

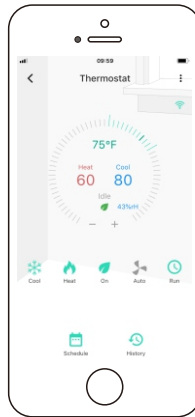
FAN

You can switch auto or always run the fan.

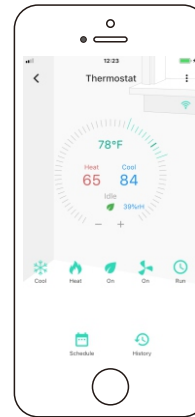
Auto - Thermostat will run the fan automatically when thermostat is running cooling.

On - Thermostat will always run the fan.

- Tap the “YoLink Thermostat” in App to go to its controls.
- Tap “  ” icon to switch auto or always run the fan.



AUTO RUN the FAN



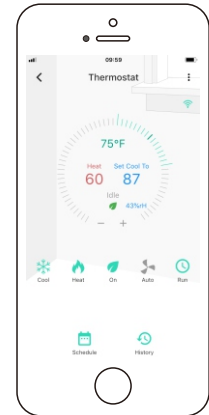
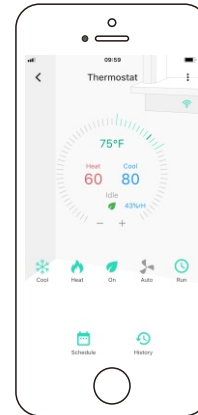
ALWAYS RUN the FAN

Schedule

- Tap the “YoLink Thermostat” in App to go to its controls.
- Tap “🕒” icon to enable/disable auto schedule.

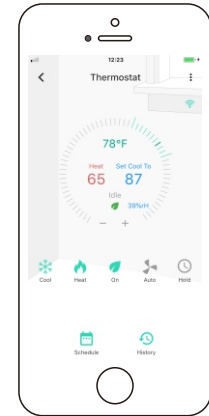
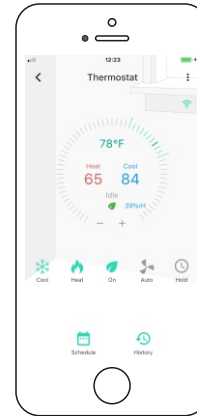
Run: Auto Schedule is on

- Thermostat will run automatically according to the schedule.
- You can slide the line on the circle to set the cooling or heating temperature, and it will run only once during the corresponding schedule time and run the schedule again at the next schedule time.
- The temperature adjust here will run only once till the next schedule time.




Hold: Auto Schedule is off

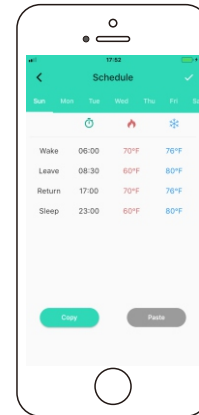
- You can slide the line on the circle to set the cooling or heating temperature. Thermostat will run according to the temperature you set manually.
- The temperature adjust here will run always unless you adjust the temperature once again.



Schedule settings

You can set 4 schedules per day for a week.

- Tap the “YoLink Thermostat” in App to go to its controls.
- Tap “  ” icon to open the schedule screen.
- Tap “Auto Schedule” to activate/deactivate schedule.
- Tap “Edit” to edit schedule.
- Tap each day to edit schedule (time, cool temperature and heat temperature).
- Tap “Copy” to copy current day’s schedule to any other days.





Note

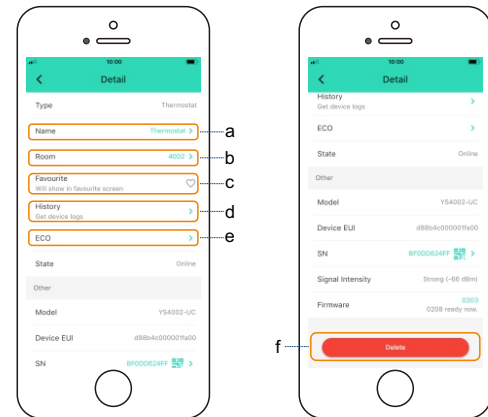
- All the schedules will be able to work without internet.

Details

You can customize the name, set the room or ECO mode, add to/remove from favourite, check device history.

- a. **Name** - Name YoLink Thermostat.
- b. **Room** - Choose a room for YoLink Thermostat.
- c. **Favourite** - Click “  ” icon to add/remove from Favourite.
- d. **History** - Check the history log for the YoLink Thermostat.
- e. **ECO** - Enable/disable ECO mode and set adjust temperature.
- f. **Delete** - Current device will be remove from your YoLink account.

- Tap the “YoLink Thermostat” 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 settings you want to personalize.

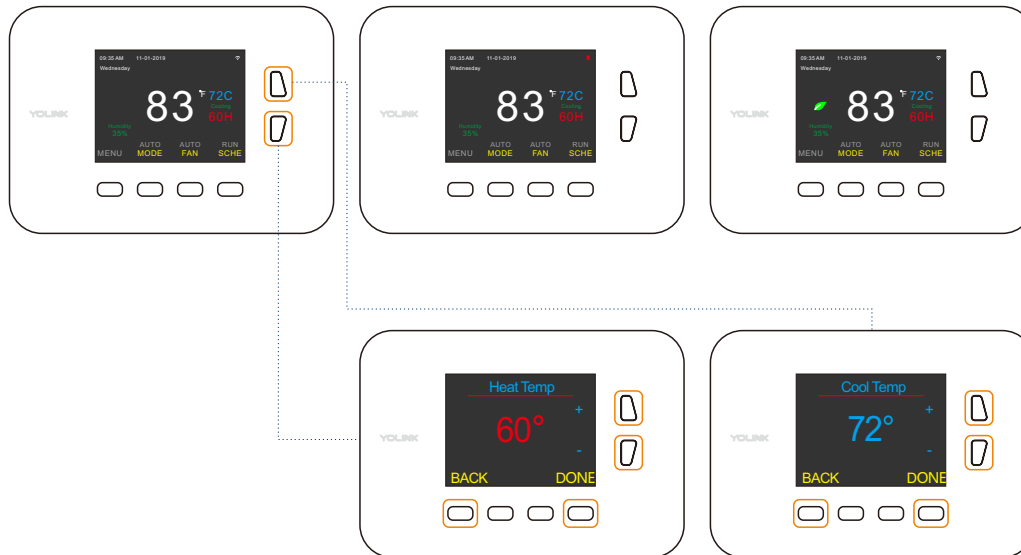


Set the YoLink Thermostat

HOME

Display the date & time, network signal, current temperature and humidity, current running point and running status, and set the running points.

There will be a green leaf on the screen when ECO mode is on.

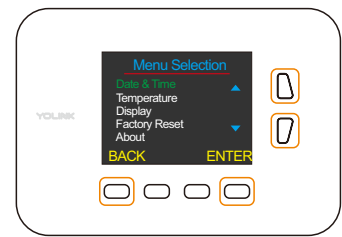
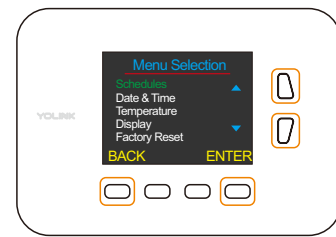
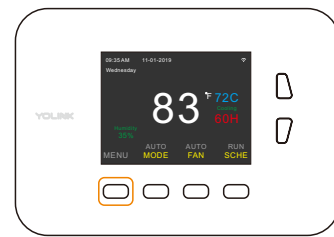


MENU

You can set schedule, date & time, temperature, display, factory reset, and check device information.

- a. **Schedule** - View or edit schedules.
- b. **Date & Time** - Set time for your thermostat.
- c. **Temperature** - Activate/deactivate ECO, set the temperature mode or temperature calibration.
- d. **Display** - Set background color, brightness or backlight timeout.
- e. **Factory Reset** - Factory reset you sprinkler controller, or reset the network connection.
- f. **About** - View information about YoSmart Inc. and your sprinkler controller.

- Tap MENU to open MENU screen.
- Tap “▲” and “▼” to switch menu.
- Tap ENTER to enter the menu screen. Tap BACK to back to the HOME screen.



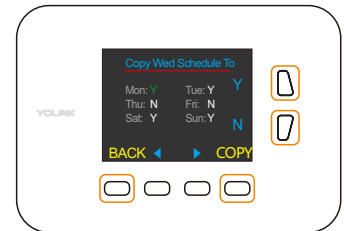
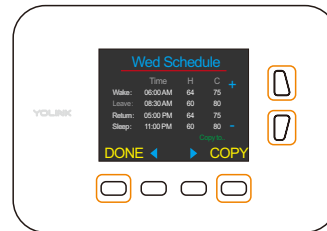
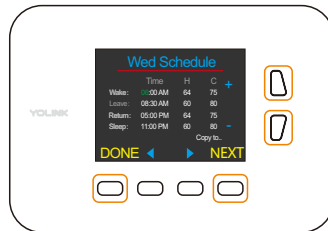
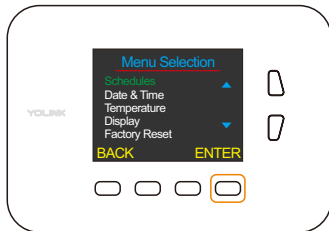
Schedule

Set the running times and temperature. You can copy the schedule to other days.

- Select Schedule, tap ENTER to enter the Schedule screen.
- Tap “ ◀ ” and “ ▶ ” to switch settings.
- Tap “ + ” and “ - ” to adjust values.
- Tap DONE to save the setting. Tap NEXT to switch days.

Copy Schedule

- Tap “ ◀ ” and “ ▶ ” to select “Copy to..”, tap COPY to enter the Copy Schedule screen.
- Tap “ Y ” and “ N ” to adjust values.
- Tap DONE to save the setting. Tap BACK to cancel the setting.



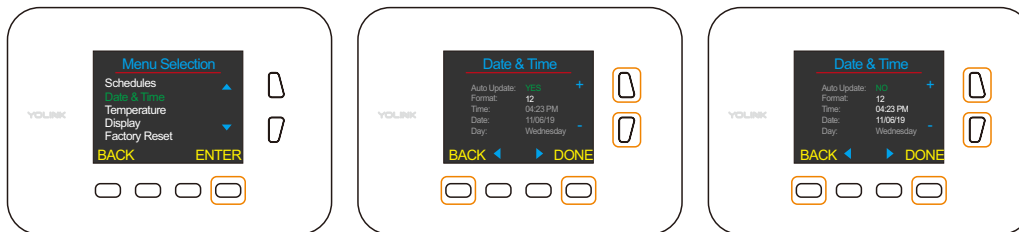
Date & Time

You can set time for your thermostat. When auto update is on, date & time will update automatically. When auto update is off, date & time will run according to your settings.

- Select Date & Time, tap ENTER to enter the Date & Time screen.
- Tap “ ◀ ” and “ ▶ ” to switch settings.
- Tap “ + ” and “ - ” to adjust values.
- Tap DONE to save the setting. Tap BACK to cancel the setting.

Note

- Time and Date can be only set when Auto update is set to be NO.



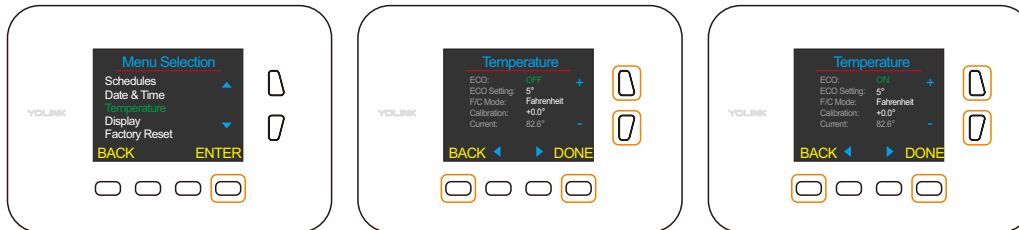
Temperature

You can set the ECO mode and running value, temperature mode and calibration.

- Select Temperature, tap ENTER to enter the Temperature screen.
- Tap “ ◀ ” and “ ▶ ” to switch settings.
- Tap “ + ” and “ - ” to adjust values.
- Tap DONE to save the setting. Tap BACK to cancel the setting.

Note

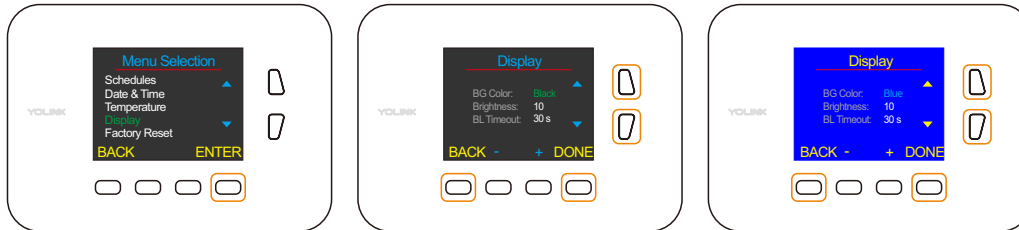
- Calibration is used for correct the errors of the measurement and show you the correct value.



Display

You can set BG color, brightness or BL timeout.

- Select Display, tap ENTER to enter the Display screen.
- Tap “ ▲ ” and “ ▼ ” to switch settings.
- Tap “ + ” and “ - ” to adjust values.
- Tap DONE to save the setting. Tap BACK to cancel the setting.

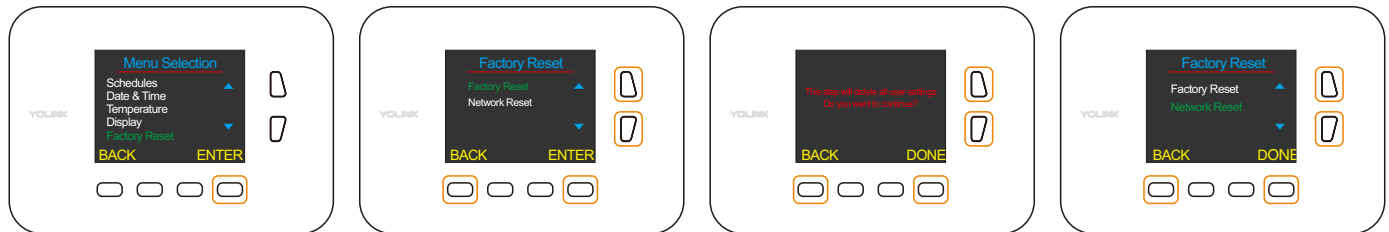


Factory Reset

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.

Network reset will manually let your device connect to the cloud.

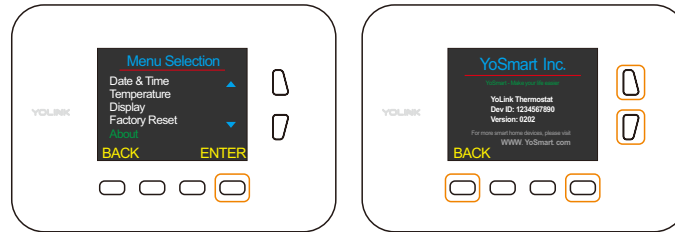
- Select Factory Reset, tap ENTER to enter the Factory Reset screen.
- Tap “ ▲ ” and “ ▼ ” to switch settings.
- Tap ENTER to enter Factory Reset.
- Tap DONE to confirm the setting. Tap BACK to cancel the setting.



About

Display information about YoSmart Inc. and your thermostat.

- Select About, tap ENTER to enter the About screen.
- Tap “ ▲ ” and “ ▼ ” to switch settings.
- Tap BACK to back to MENU.



MODE

You can set running mode according to your need.

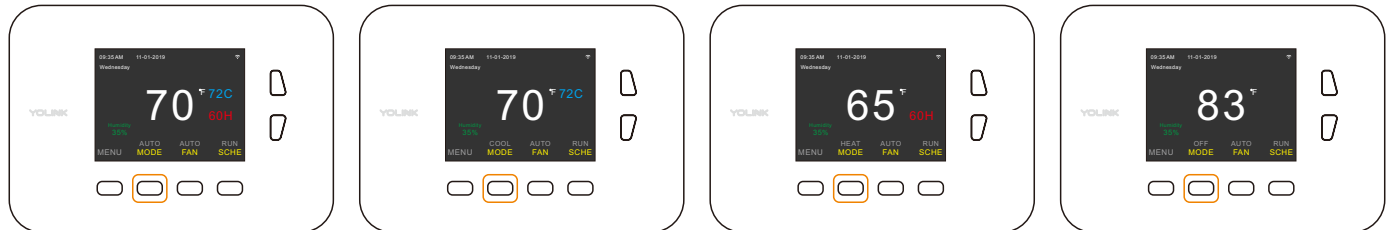
Auto - Auto run cooling or heating.

Cool - Cooling only.

Heat - Heating only.

Off - Will not run cooling or heating.

- Tap **MODE** to switch running mode.



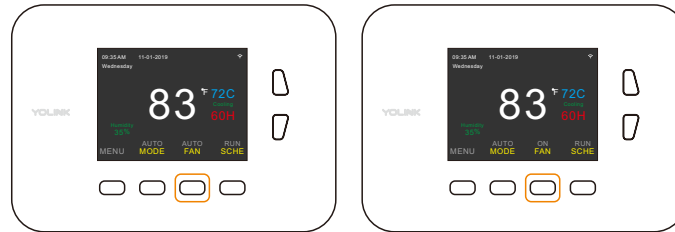
FAN

Switch auto/always run the fan.

Auto - Auto run the fan when thermostat is running cooling.

On - Always run the fan.

- Tap FAN to switch running mode.



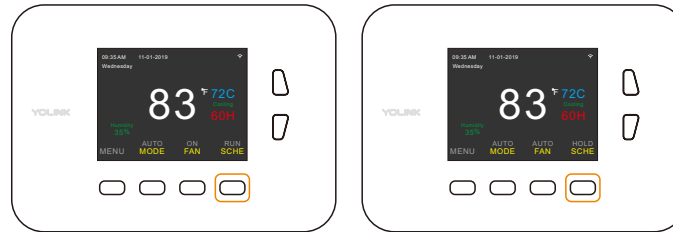
SCHE

Switch activate/disactivate schedule.

On - Thermostat will run automatically according to the schedule.

Hold - Thermostat will run according to the temperature you set manually.

- Tap SCHE to auto run/not run the schedule .



Maintaining the YoLink Thermostat

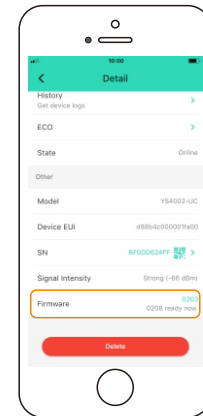
Firmware Update

To ensure our customer have the best user experience, we highly recommend you could update our newest version firmware.

- Tap the “YoLink Thermostat” in App to go to its controls.
- Tap the “ : ” icon at the top-right corner to go to details.
- Tap “Firmware”.
- You can check the firmware version for whether the YoLink Thermostat is updated.

Note

- Only the YoLink Thermostat that is currently reachable and has an available update will be shown on the Details screen.



Specifications

Voltage: 24V AC

Temperature Range
(Scheduled): +16°C ~ +32°C (+32°F ~ +90°F)

Temperature Range
(Detected): -10°C ~ +50°C, ±0.3°C (14°F ~ 122°F, ±0.54°F)

Humidity Range
(Detected): 0% ~ 100%, ±3%

Environment: Working Temperature: -10°C~50°C (14°F~122°F)
Working Humidity: 0%~100% non-condensing

Troubleshooting

Problem	Possible Reason	Solution
Remote/Scene/ Automation control failed.	The mobile signal is weak.	Please check after the phone signal is restored.
	Hub is offline.	Please follow the “User Guide of YS1603-UC YoLink Hub” for troubleshooting.
	YoLink Thermostat does not power on.	Please power on the YoLink Thermostat.
	Out of communication range with hub.	Check the signal of YoLink Thermostat on YoLink App.
	Other problems.	Please contact customer service.
Device time is inconsistent with mobile phone time.	Failed to auto update.	Click sync with the mobile via YoLink App.
	There was a power blackout and Thermostat is offline after powering on again.	Please refer to the Factory Reset to reset your network. The time will be updated automatically after network reset.
	The time is set to not update automatically, and there was a power blackout.	Please reset the time manually.
Other problems.	Please contact customer service.	

WARNING

- This product is powered by AC24V only. Please do not connect the product to the high or wrong voltage.
- Keep away from high temperature or fire.
- Keep away from dusty, wet or dirty.
- This product is not waterproof, please keep it dry.
- To avoid dust entering the product and affect the usage of the product, do not use strong chemicals or cleaning agents to clean this product, please use a clean, dry cloth to wipe this product.
- Keep the product from strong shocking, so as not to damage the product.
- Do not disassemble or modify this product by yourself. In case of equipment failure, please contact our customer service.
- Keep away from screws or metals to avoid possible result in circuit damage of the product .

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

US Live Tech Support: **1-949-825-5958** M-F 9am - 5pm PST

Email: **service@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 thermostats 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 thermostat 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 1-949-825-5958, or visit 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.”