

It is easy to install and set up the TrickleStar Wi-Fi Smart Thermostat. For details on the installation, refer to the online Installation Guide:

www.tricklestar.com/Resources/TS2501-Wi-Fi-Smart-Thermostat-Installation-Guide.pdf



Website: www.tricklestar.com
 Email: customer.service@tricklestar.com
 Toll Free: 1-888-700-1098

Installation Workflow for Homeowner

Before you start the installation, be sure to check the Thermostat compatibility and create a Portal account.



A. Check compatibility

- Is the TrickleStar Thermostat compatible with your HVAC system?
- Is the C-Wire Adapter needed?

<https://portal.tricklestar.com/tstat/compatibility>



B. Create and log in to Portal

Create a Portal account using the QR code or through the website: portal.tricklestar.com

Then, log in to the Portal.



C. Add your device and start the Thermostat Setup Wizard

Follow the step-by-step guide to install the Thermostat.

Installation Workflow



Step 1

Install the TrickleStar Thermostat.



Step 2

Connect the Thermostat to Wi-Fi via the Portal.



Step 3

Select the settings for the TrickleStar Thermostat.



Step 4

Add the TrickleStar App. (Optional)

Installation Workflow for Contractor

Before you start the installation, be sure to check the Thermostat compatibility and create a Portal account.



A. Check compatibility

- Is the TrickleStar Thermostat compatible with your HVAC system?
- Is the C-Wire Adapter needed?

<https://portal.tricklestar.com/tstat/compatibility>



B. Create and log in to Portal

Create a Portal account using the QR code or through the website: portal.tricklestar.com
 Then, log in to the Portal.



C. Add your device and start the Thermostat Setup Wizard

Follow the step-by-step guide to install the Thermostat.



D. At Thermostat Setup Wizard, create a new site for homeowner

Create a new Site to transfer ownership to homeowner.

Installation Workflow



Step 1

Install the TrickleStar Thermostat.



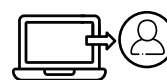
Step 2

Connect the Thermostat to Wi-Fi via the Portal.



Step 3

Select the settings for the TrickleStar Thermostat.



Step 4

Transfer ownership of the Site to homeowner.




Step 5


Add the TrickleStar App on homeowner's smartphone. (Optional)

Thermostat LCD Display




Set Temperature Speedometer

 **Home Indicator**
Mode: Home


 **Away Indicator**
Mode: Away

 **Sleep Indicator**
Mode: Sleep

 **Off Indicator**
System: Off


 **Heat Indicator**
System: Heat


 **Cool Indicator**
System: Cool


 **Auto Indicator**
System: Auto


 **E.Heat Indicator**
System: Emergency Heating


 **Fan On Indicator**
Fan: On


 **Fan Auto Indicator**
Fan: Auto


 **Wi-Fi Indicator**
Indicates Wi-Fi connection and signal strength
Flashes rapidly: Wi-Fi is disconnected
Flashes slowly: Connection to Portal is lost


 **Bluetooth Indicator**
When connected to one or more occupancy sensors.
Flashes: Thermostat is scanning for occupancy sensor


 **Key-Lock Indicator**
Indicates the input is locked
Flashes: Reminds users that the Thermostat input is locked.

 **Hold Indicator**
Indicates Permanent Hold / Vacation Hold.
Flashes: Temporary Hold

 **Schedule Indicator**
Indicates a schedule is in progress

 **Humidity Indicator**
Display the room humidity in percentage

 **Room Temperature Indicator**
Display the room temperature

 **Set Temperature Indicator**
Display the set temperature

 **TrickleStar Logo**
Brand (Always on)

Thermostat Features



User Interface	Functions
Jog Dial	<ul style="list-style-type: none"> Press once to set the Modes (Home, Away or Sleep) Rotate clockwise to increase the Set Temperature or to select the next setting Rotate counter clockwise to reduce the Set Temperature or to select the previous setting Press again to confirm your selection
Side Button	<ul style="list-style-type: none"> Press once to set the System (Off, Heat, Cool, Auto or E.Heat) Press twice to set the Fan (On or Auto) Hold for 10 seconds to enter the System Configuration Mode
System Reset Pinhole	Use a paper clip to press this button for system reset



Jog Dial Backlight



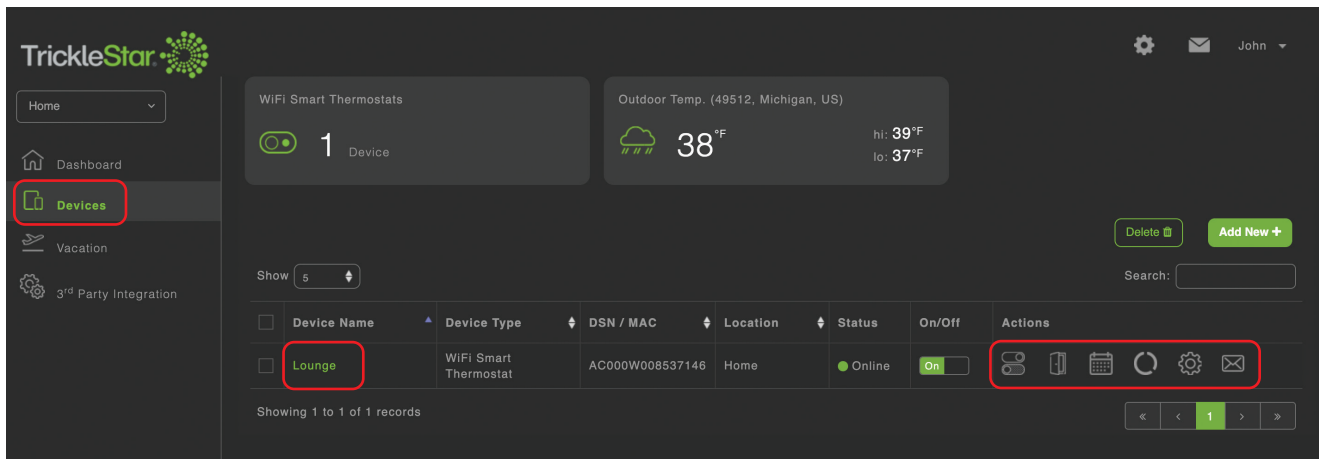
Jog Dial Backlight

Jog Dial Backlight

- White**
In configuration mode or setting mode
- Green**
When there is demand/response activity
- Red**
When Emergency Heating is turned on (heat pump only)
- Blue**
When Cooling is turned on
- Orange**
When Heating is turned on
- Off**
When Emergency Heating, Heating, and Cooling are turned off

Tricklestar Portal

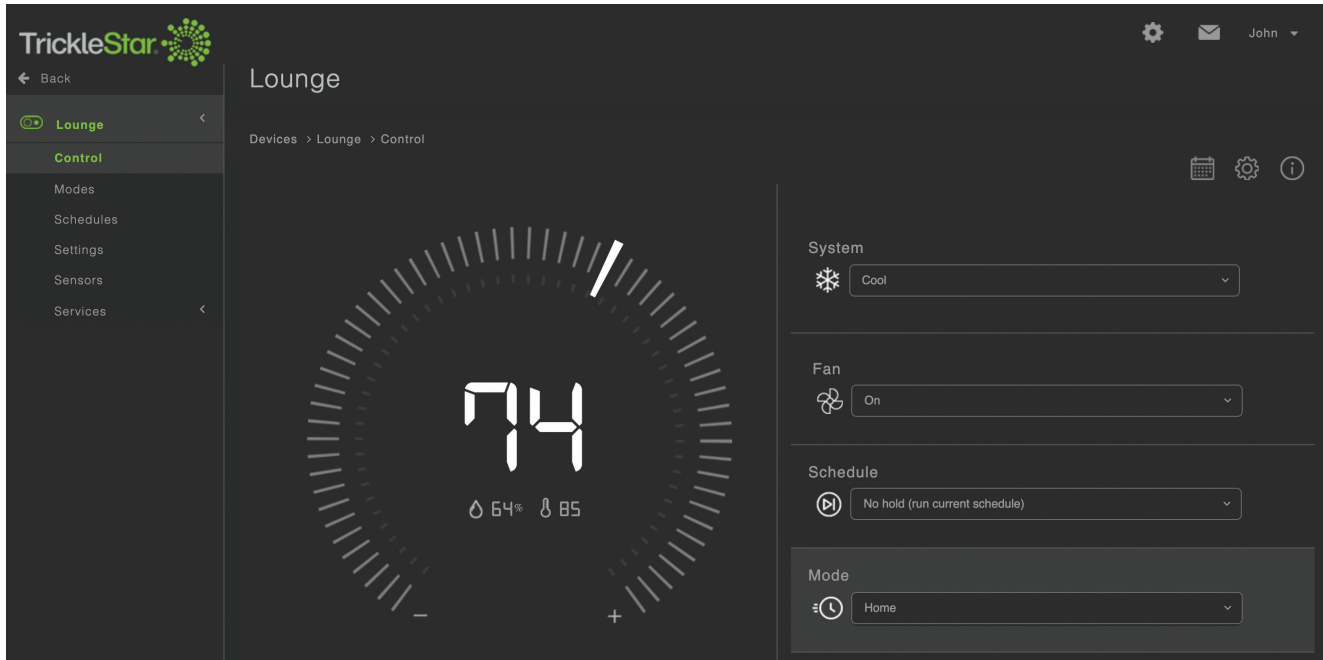
At the Devices page, you can use the icons under Action to change the settings for your device.



Portal Icons	Description	Functions
	Control	Change the Set Temperature, System, Fan, Schedule/Hold and Modes, and view humidity and room temperature
	Modes	Set Heat/Cool Set Temperature and Fan for Home, Away, Sleep and Vacation mode
	Schedules	Add/edit/delete your daily/weekly schedule events
	Usage	Monitor daily/weekly/monthly energy usage and create summary report
	Settings	Set advanced settings for your Thermostat
	Alerts	Set Low or High Temperature and Humidity alerts



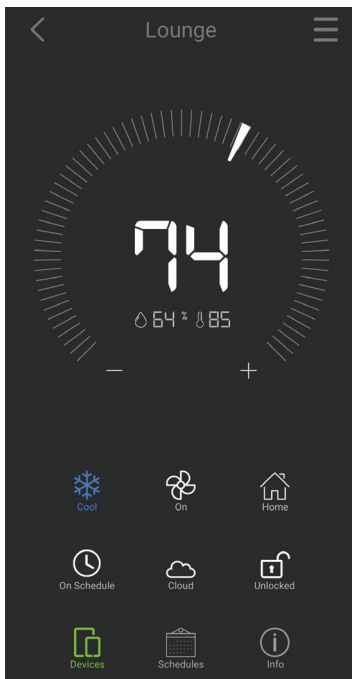
Clicking on the Device Name from the Devices page will direct you to the Control page. Here, you can change the settings for the Thermostat. You may also access the Modes, Schedules, Settings, Sensors and Services pages from the left panel.



Tricklestar App

Ensure that you have created a Portal account via portal.tricklestar.com

1. Enable the Wi-Fi and Location Services on your smartphone.
2. Download and install the Tricklestar App from the Google Play Store or Apple App Store.
3. Sign in to the Tricklestar App with your registered email and password.



App Icons	Description	Functions
	Devices tab	Set the System, Fan, Modes, Schedule/Hold, Cloud/LAN Mode and Input Lock
	Schedules tab	View and edit the daily/weekly schedule events and set Vacation settings
	Info tab	View Mode settings, Device Info, Sensors and Services settings
	System	System option: Off, Heat, Cool, Auto, E.Heat
	Fan	Fan option: On, Auto
	Modes	Modes option: Home, Away, Sleep
	Schedule/Hold	Schedule mode or Temporary/Permanent Hold
	Cloud/LAN	Cloud (different network) or LAN mode (same network)
	Input Lock	Input Lock or Unlock