

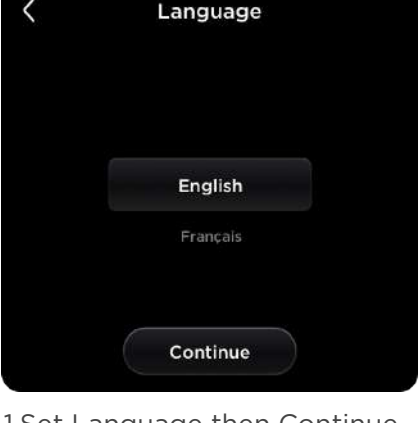
# Smart Thermostat

## Installation, Setup, and User's Manual

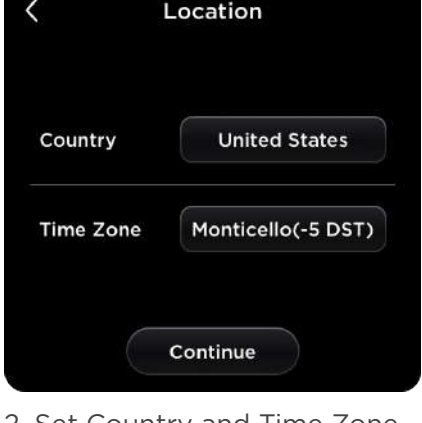


24 Volt Setup Guide

When power is applied to the Smart Thermostat, it will provide step-by-step prompts to assist with configuring the HVAC equipment.



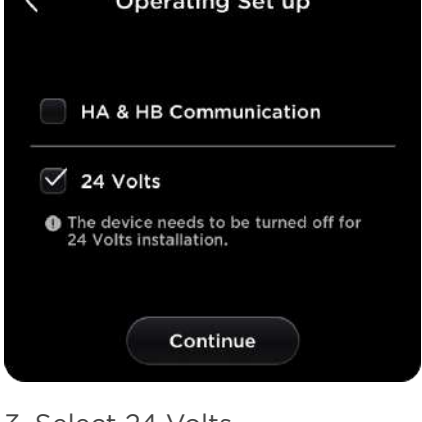
1.Set Language then Continue



2. Set Country and Time Zone

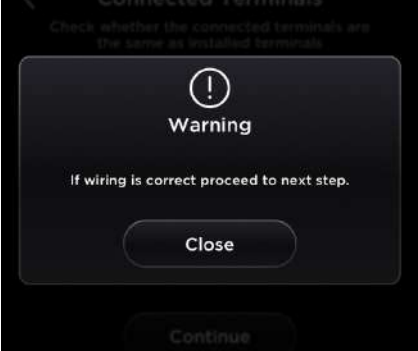


4. Checks for Incorrect Wiring

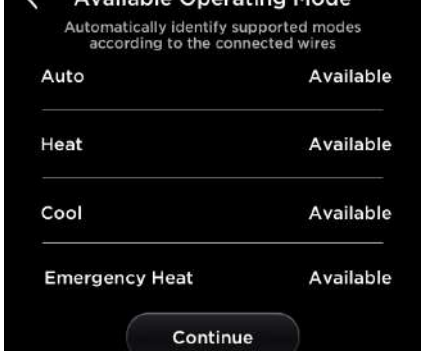


3. Select 24 Volts

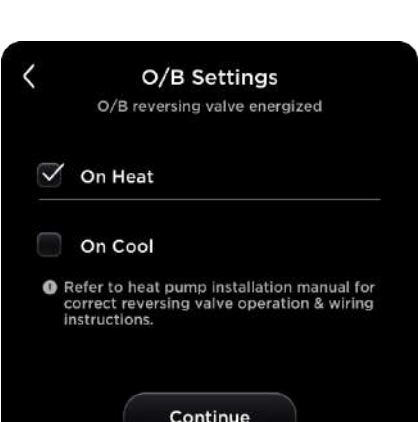
After the connected terminals are automatically detected, you can still manually modify the wiring. After saving, the automatic detection mode will be based on the manually modified wiring.



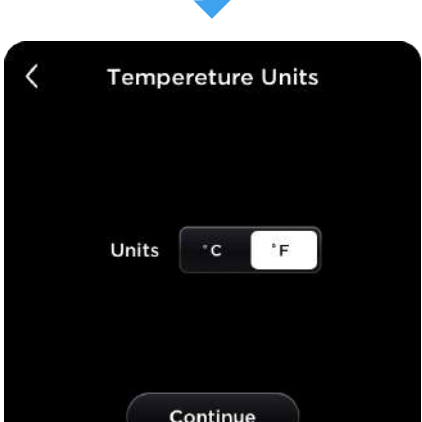
5. Wiring must be correct to proceed



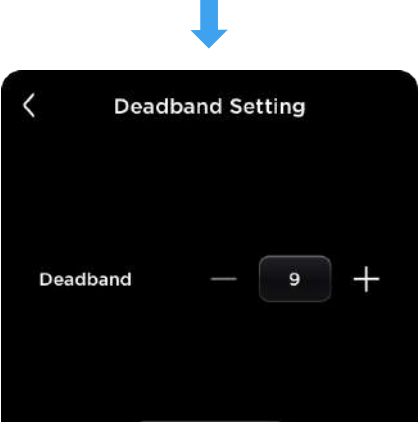
6.Automatically detects modes



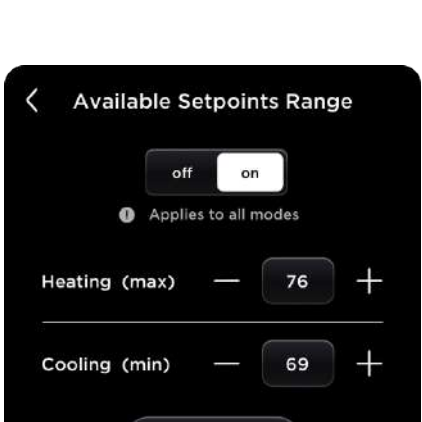
8. Select Direction of O/B Reversing Valve



7. Choose Temperature Units



9.Select Deadband - Auto Mode

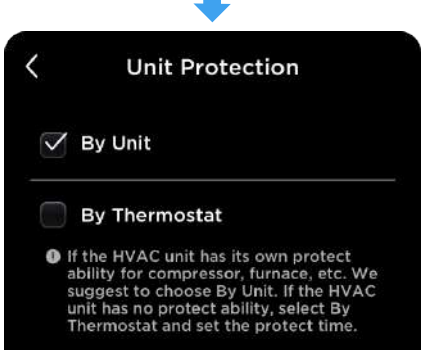


10. Select Setpiont ranges

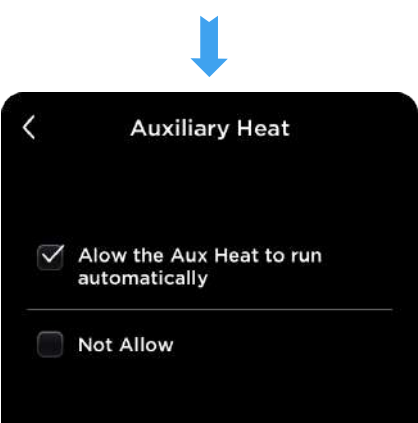
Deadband is the temperature range within which neither the heating nor cooling system functions. It can prevent the system from cycling on and off too frequently and prevent the heating and cooling systems from operating simultaneously.



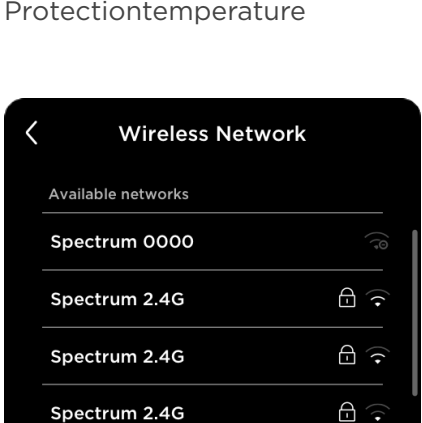
12. Choose Type of Auxiliary Heat



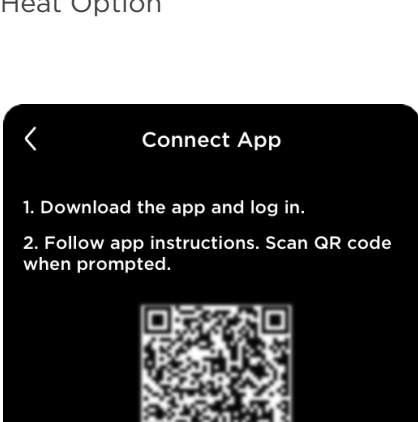
11. Choose by Unit Protectiontemperature



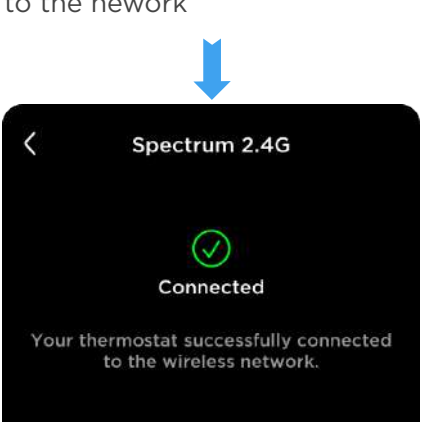
13. Select Automatic Auxiliary Heat Option



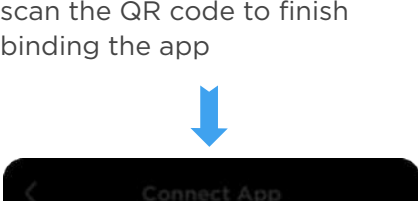
14. Enter password to connect to the nework



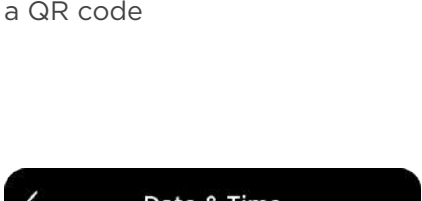
16. Download the APP and scan the QR code to finish binding the app



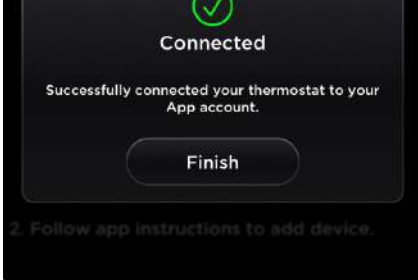
15. Press Continue to generate a QR code



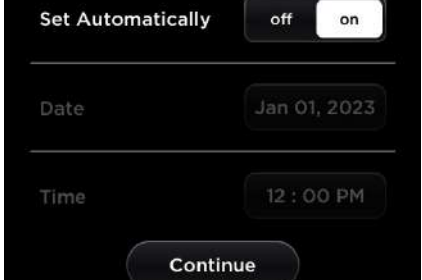
17. Press Finish to go to the next screen



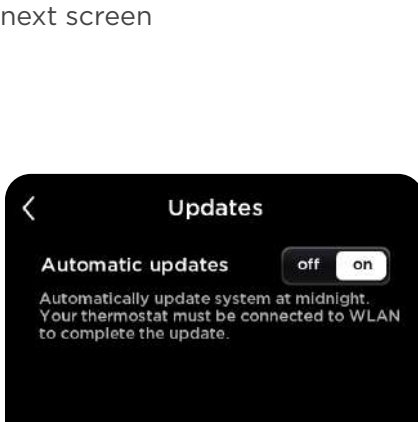
18. There is no need to set the time if connected to the internet



20. For a better experience, it is recommended to enable the Automatic updates feature and bind your app account.



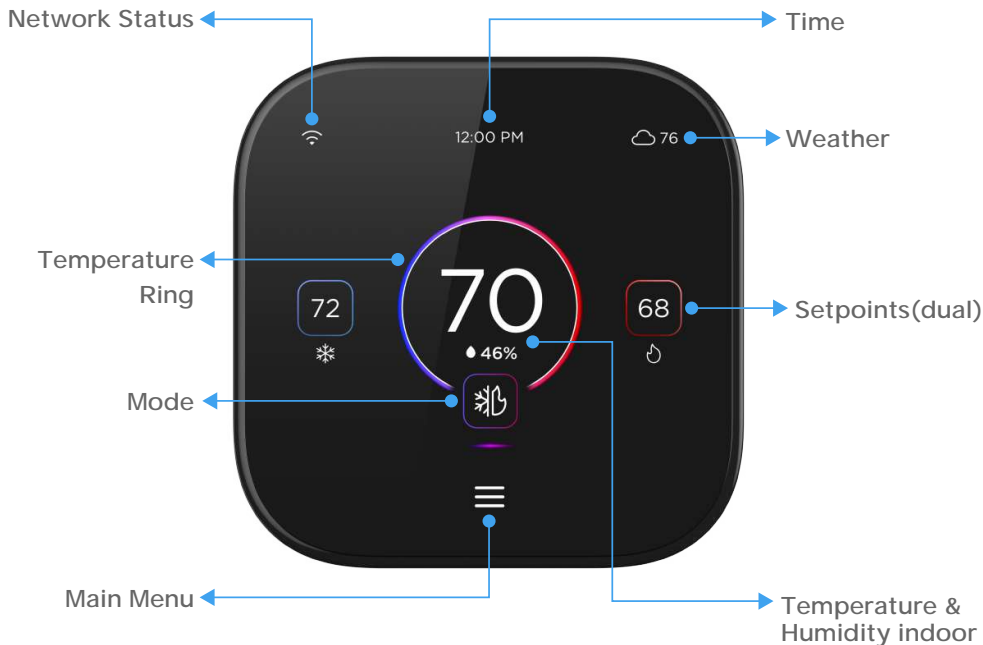
19. It can be set manually if no network connection is available



21. Agree to the Terms of Use and Privacy Policy to finish the installation

## Main Page 24 Volt

This is the Home Screen for this Thermostat. You can change the setpoints and modes on this page. It will display basic sytem information.



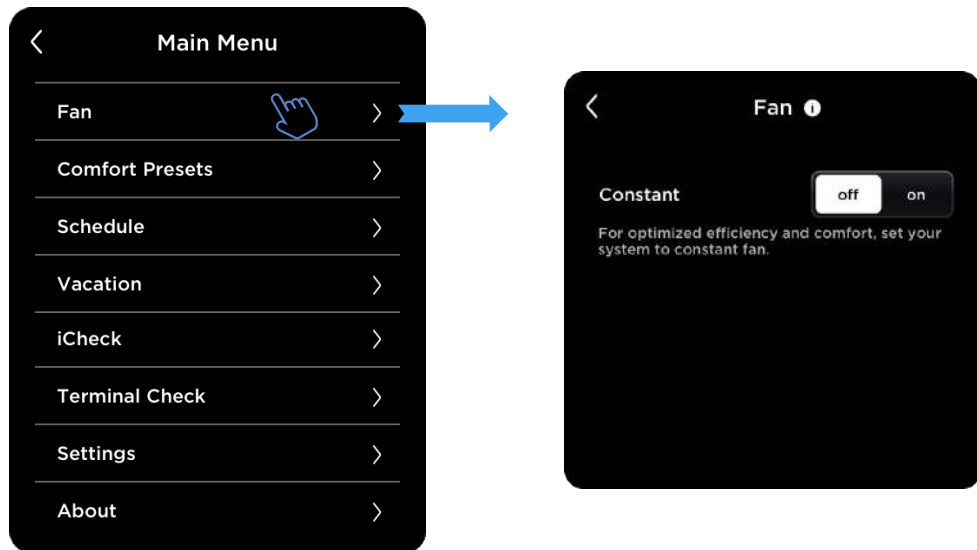
## Mode Selection

According to the different patterns of your IDU models automatically adaptation, the most common cases are Auto/Heat/Cool/Emergency.



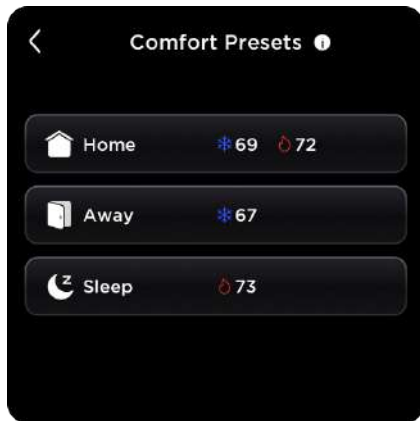
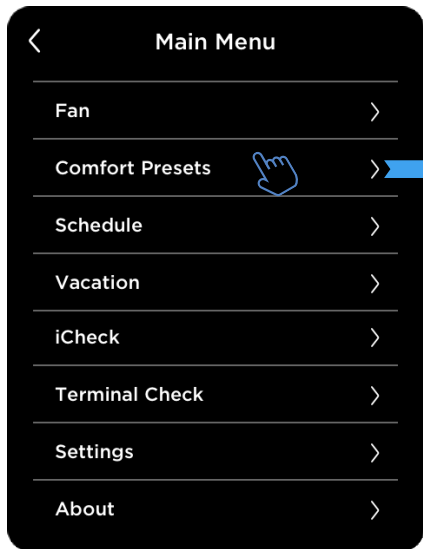
## Main Menu - Fan

Constant off means that the fan will stop after reaching the setpoints. Constant on means that the fan will keep running after reaching the setpoints. 24V doesn't support fan speed selection.



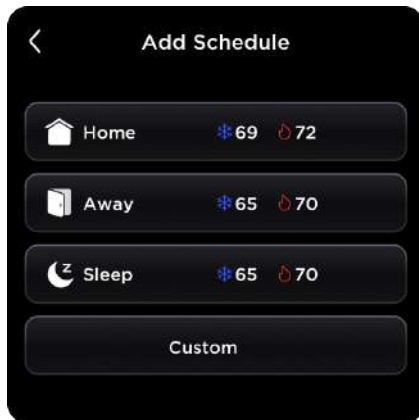
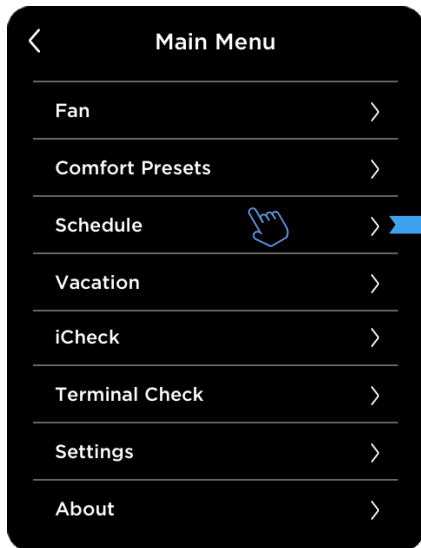
## Main Menu - Comfort Presets

Setup the comfort presets can streamline schedule creation, and gain access to quick changes in the app.



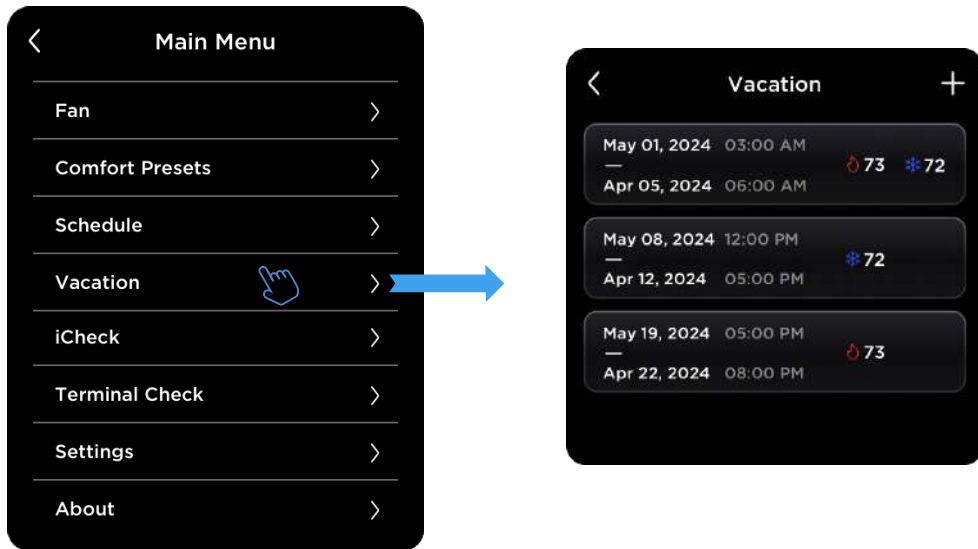
## Main Menu - Schedule

In addition to using comfort presets for making your schedule, you can also customize your own “comfort presets”.



## Main Menu - Vacation

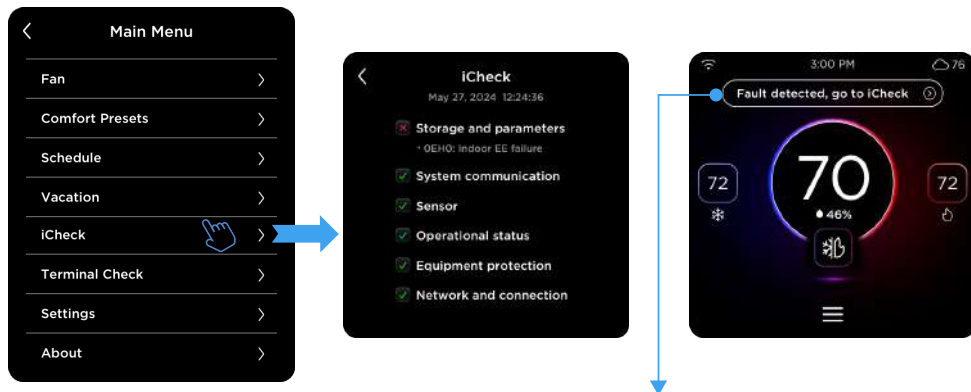
When vacation is running, It will not execute scheduled tasks.





## Main Menu - iCheck

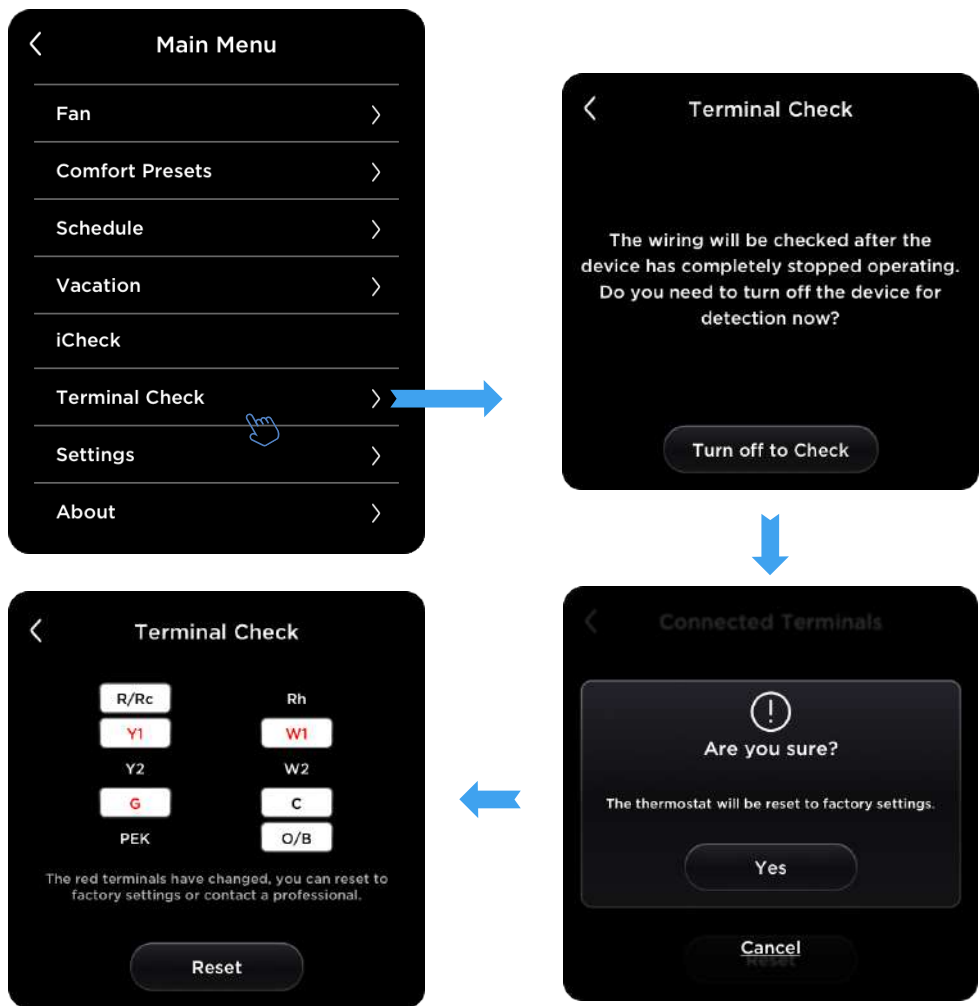
iCheck can make sure your device is running properly, if there are any errors, it will provide the service hotline and give you some help.



At the same time, the device will automatically detect the errors and prompt a fault notification on the main page.

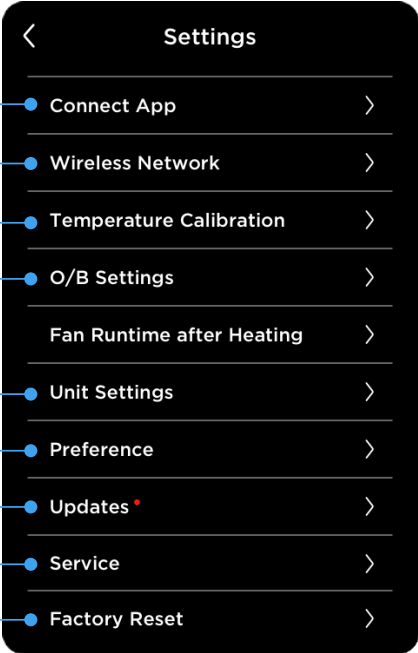
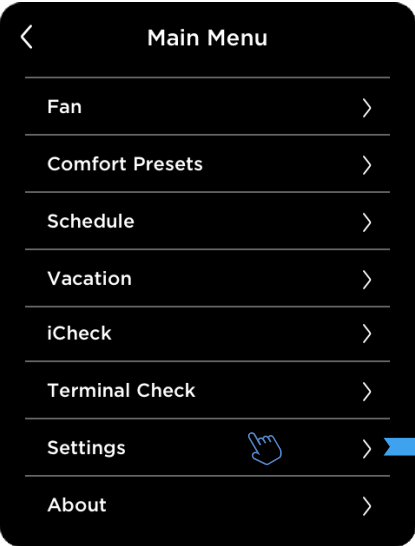
# Main Menu - Terminal Check

When the device is in Off mode, the thermostat can automatically detect whether the wired terminals are changed and have a notification on the main page. Users can actively enable this feature in settings.



The terminals in **RED** mean the terminals have changed.

# Main Menu - Settings



Binding app to unlock more smart features

Connect to Network

Calibrate the temperature of the sensor

O/B reversing valve

Date and time, location, Temperature units

Display brightness, Sound, Available setpoint range

A red dot lights up to remind you when need to update

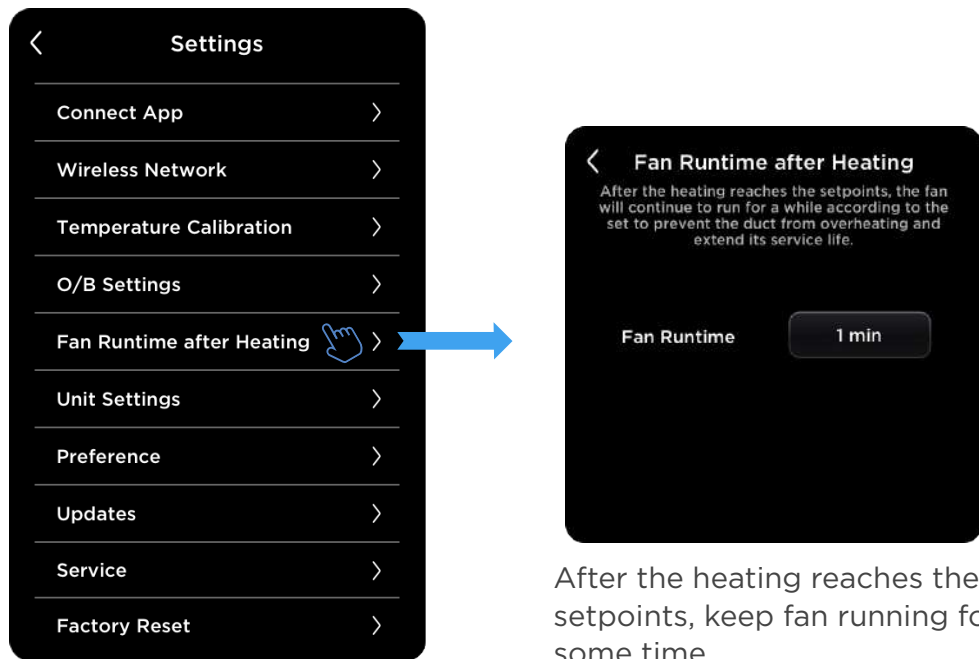
Service mode/engineer mode

Restores thermostat Settings without changing AHU parameters

## Main Menu - Settings → Fan Running after Heating

After heating, to prevent the duct overheating and damaging the equipment, the fan will continue to run for a while according to the set.

This setting only works on heating, including AUX heat.

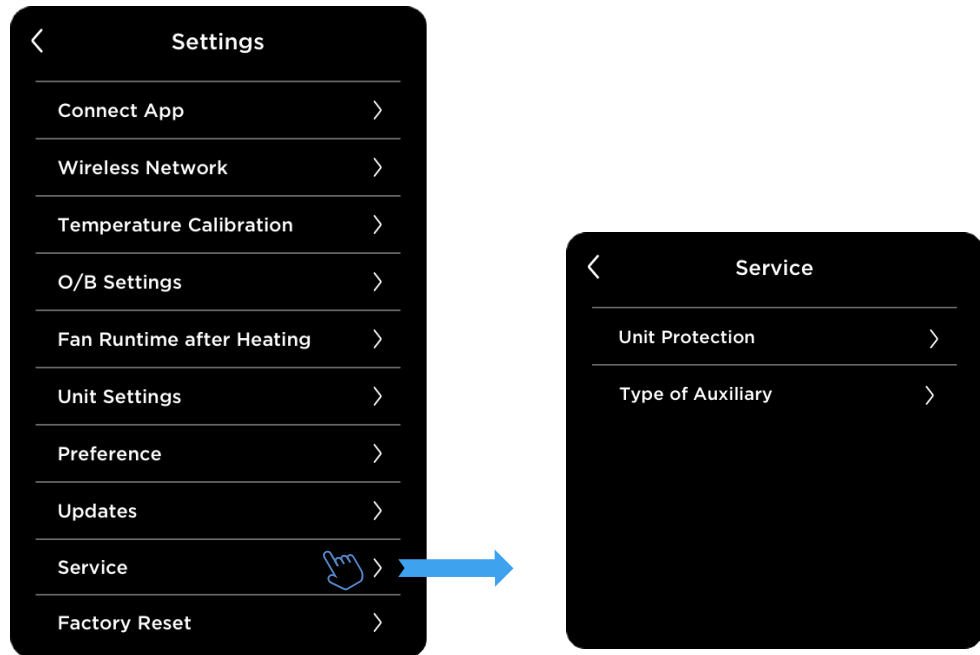


After the heating reaches the setpoints, keep fan running for some time

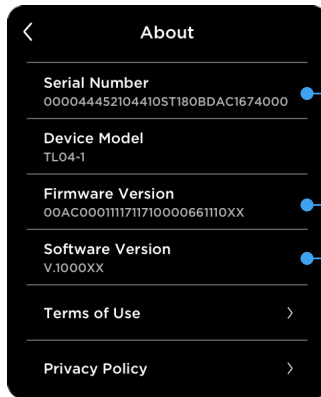
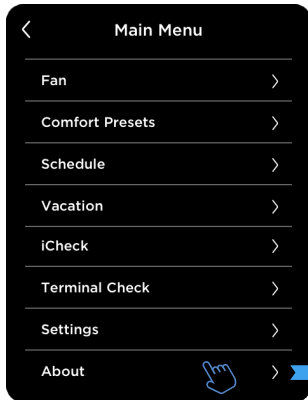
## Main Menu - Settings → Service

Enter the passcode to access service mode. (passcode: 134679)

You must restart the system through your breaker for any changes made to be effective.



# Main Menu - About



32 digit serial number

IDU Firmware version

Thermostat software version