Smart Thermostat

Installation, Setup, and User's Manual

Communication (HA&HB) Setup Guide

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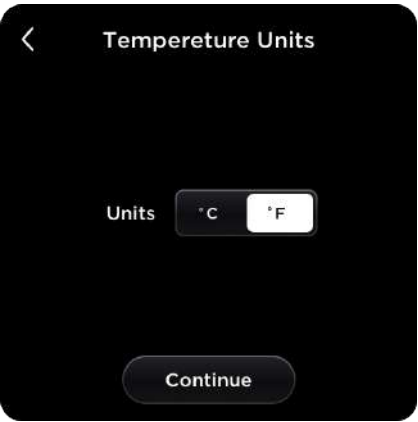
Language

English

Français

Continue

1.Set Language then Continue

Location

Country — United States

Time Zone — Monticello(-5 DST)

Continue

2. Set Country and Time Zone

Available Operating Mode

Auto — Available

Heat — Available

Cool — Available

Continue

4. Automatically detects modes

Operating Set up

☑ HA & HB Communication

☐ 24 Volts

ℹ The device needs to be turned off for 24 Volts installation.

Continue

3. Select HA & HB

Temperature Units

Units — °C °F

Continue

5. Choose Temperature Units

Deadband Setting

Auto mode — Single Dual

Continue

6. Select Single or Dual Deadband

Available Setpoints Range

off **on**

ℹ Applies to all modes

Heating (max) — — 76 +

Cooling (min) — — 69 +

Continue

8. Select Setpoint ranges

Deadband Setting

Auto mode — Single **Dual**

Deadband — — 9 +

Continue
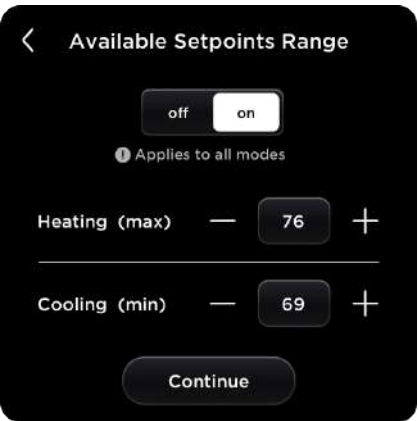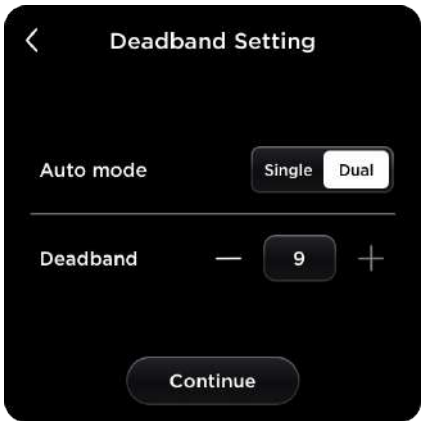
7. In Dual, set Deadband range

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.
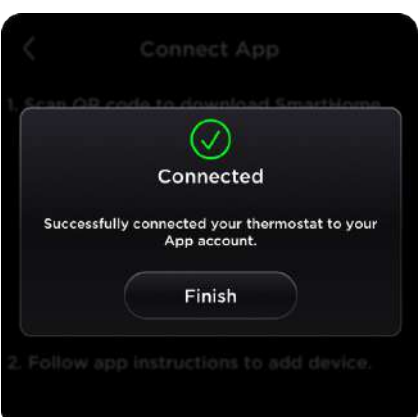
Auxiliary Heat

off **on**

Please confirm Auxiliary Heat compatibility and switch off if not available.
The switch can be changed in Settings.

Continue

9. Select electric auxiliary heating switch

Wireless Network

Available networks

Spectrum 0000

Spectrum 2.4G

Spectrum 2.4G

Spectrum 2.4G

Skip

10. Enter network password to connect to the nework

Connect App

1. Download the app and log in.

2. Follow app instructions. Scan QR code when prompted.

Skip

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

Spectrum 2.4G

✓

Connected

Your thermostat successfully connected to the wireless network.

Continue

11. Press Continue to generate a QR code

Connect App

✓

Connected

Successfully connected your thermostat to your App account.

Finish

13. Press Finish to go to the next screen. finish binding the app

Date & Time

Set local date & time

Set Automatically — off **on**

Date — Jan 01, 2023

Time — 12 : 00 PM

Continue

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

Updates

Automatic updates — off **on**

Automatically update system at midnight
Your thermostat must be connected to WLAN to complete the update.

Continue

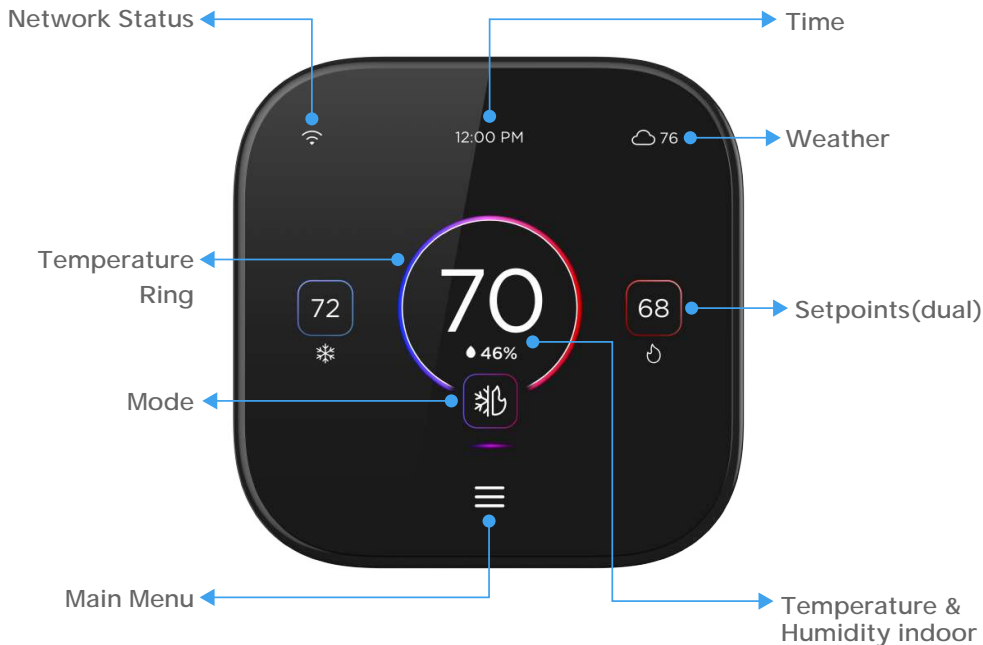16. For a better experience, it is recommended to enable the Automatic updates feature and bind your app account.

Date & Time

Set local date & time

Set Automatically — **off** on

Date — Jan 01, 2024

Time — 12 : 00 PM

Continue

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

Terms and Privacy Policy

The following link can be used to view the Terms of Use. Click finish to indicate you agree with the Terms of Use.

Terms of Use ›

Privacy Policy ›

Finish

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

Main Page HA & HB Communicaiton

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

Network Status

Time

12:00 PM

Weather

Temperature Ring

72

68

Setpoints(dual)

70

46%

Mode

Main Menu

Temperature & Humidity indoor

Mode Selection

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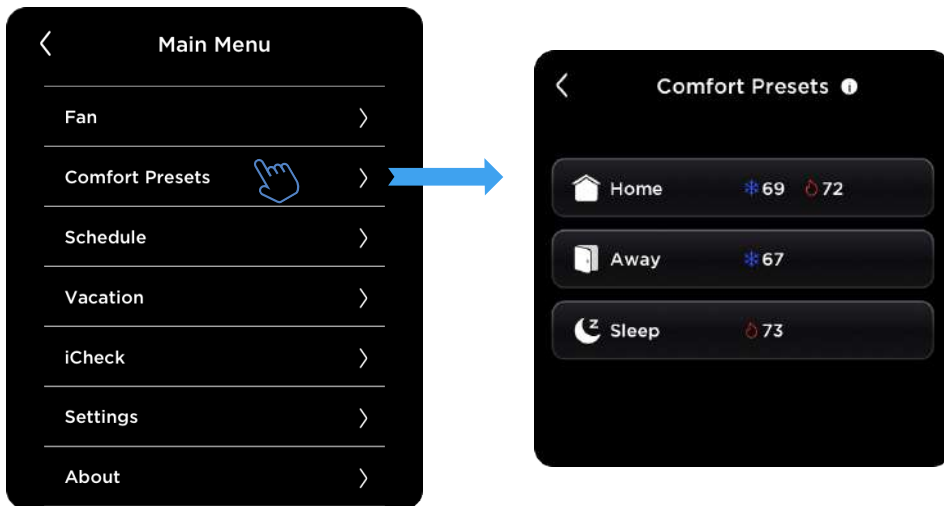
Main Menu - Fan

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. The default setting is Constant off.
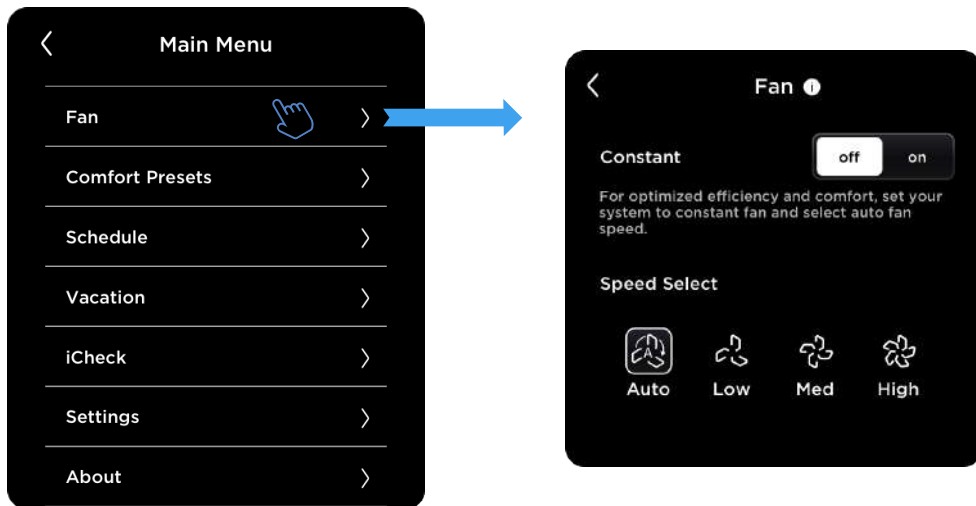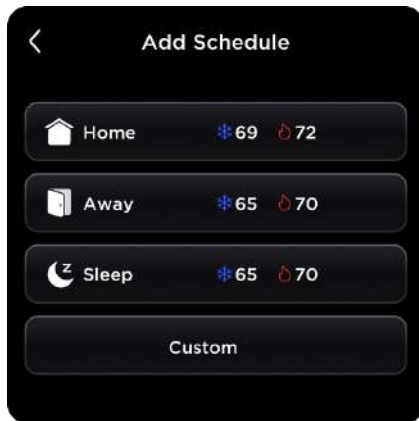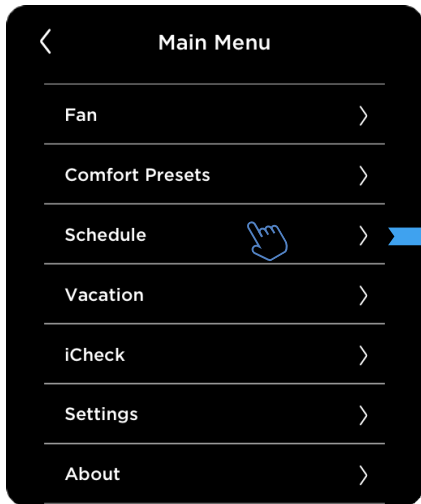
Main Menu - Comfort Presets

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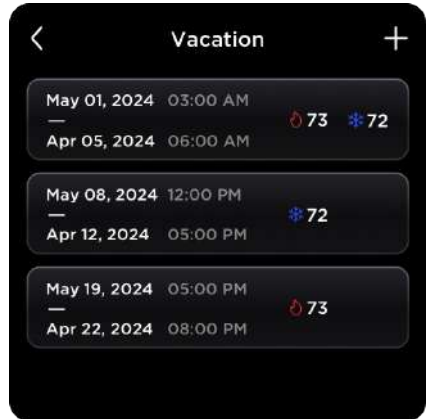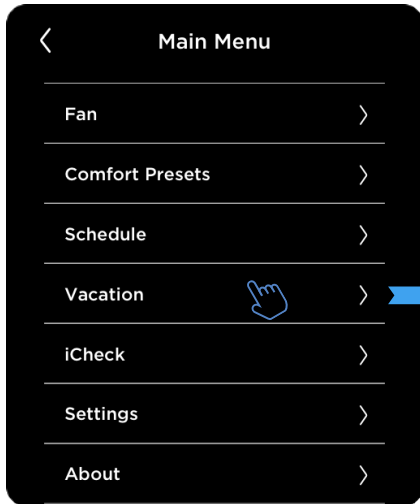
Main Menu - Schedule

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	
Fan	⟩
Comfort Presets	⟩
Schedule	⟩
Vacation	⟩
iCheck	⟩
Settings	⟩
About	⟩

Vacation

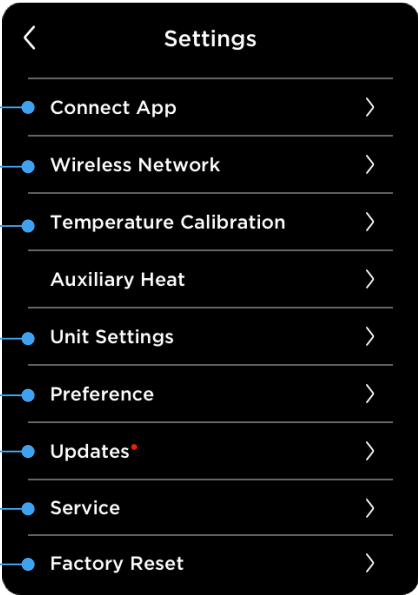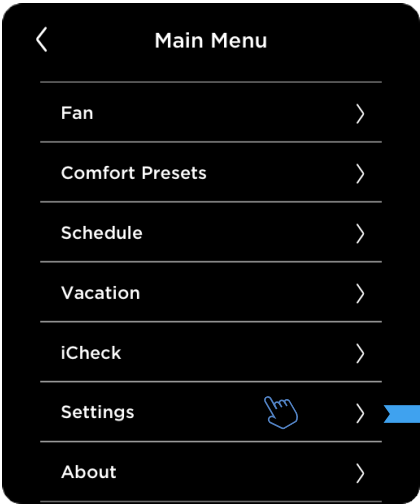| May 01, 2024 03:00 AM — Apr 05, 2024 06:00 AM | 🔥73 ❄72 |
| May 08, 2024 12:00 PM — Apr 12, 2024 05:00 PM | ❄72 |
| May 19, 2024 05:00 PM — Apr 22, 2024 08:00 PM | 🔥73 |

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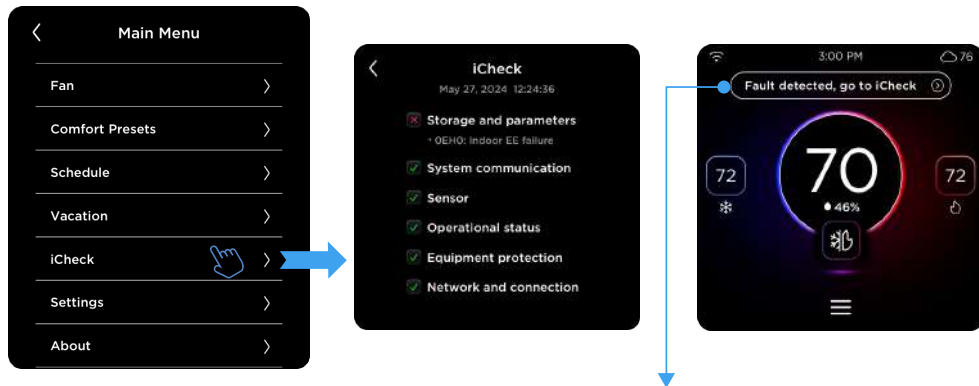
At the same time, the device will automatically detect the errors and prompt a fault notification on the main page.

Main Menu - Settings

Main Menu

‹ **Main Menu**

Fan ›

Comfort Presets ›

Schedule ›

Vacation ›

iCheck ›

Settings ›

About ›

Settings

‹ **Settings**

- Connect App › — Binding app to unlock more smart features
- Wireless Network › — Connect to Network
- Temperature Calibration › — Calibrate the temperature of the sensor
- Auxiliary Heat ›
- Unit Settings › — Date and time, location, Temperature units
- Preference › — Display brightness, Sound, Available setpoint range
- Updates • › — A red dot lights up to remind you when need to update
- Service › — Service mode/engineer mode
- Factory Reset › — Restores thermostat Settings without changing AHU parameters
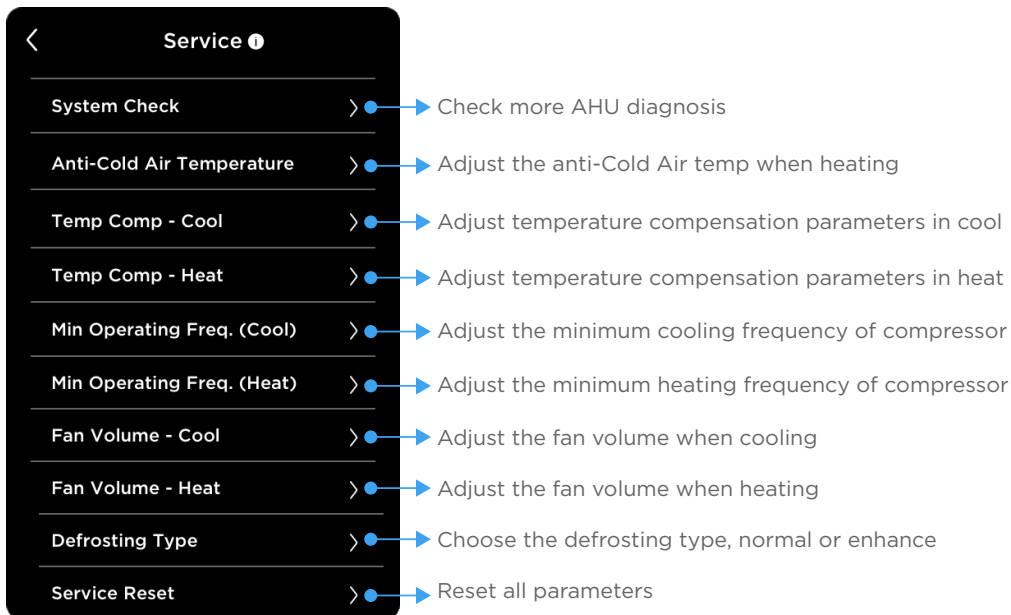
Main Menu - Settings → Auxiliary Heat

Select Off switch will not activated electric auxiliary heat and emergency heat mode.
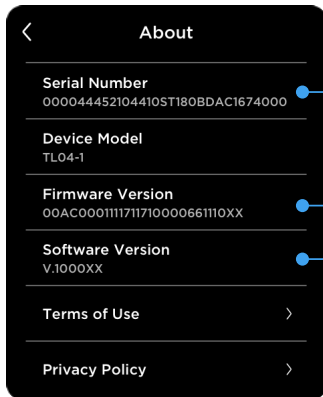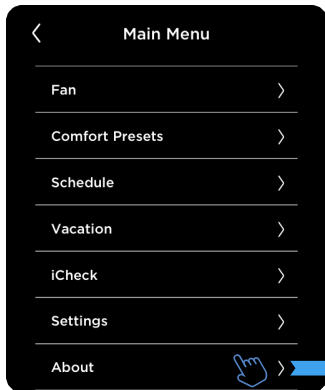
Main Menu - Settings → Service

Enter the passcode to access service mode. (passcode: 134679)
You must restart the system through your breaker for any changes
made to be effective.

Service ⓘ	
System Check	→ Check more AHU diagnosis
Anti-Cold Air Temperature	→ Adjust the anti-Cold Air temp when heating
Temp Comp - Cool	→ Adjust temperature compensation parameters in cool
Temp Comp - Heat	→ Adjust temperature compensation parameters in heat
Min Operating Freq. (Cool)	→ Adjust the minimum cooling frequency of compressor
Min Operating Freq. (Heat)	→ Adjust the minimum heating frequency of compressor
Fan Volume - Cool	→ Adjust the fan volume when cooling
Fan Volume - Heat	→ Adjust the fan volume when heating
Defrosting Type	→ Choose the defrosting type, normal or enhance
Service Reset	→ Reset all parameters

Main Menu - About

Main Menu

Fan	›
Comfort Presets	›
Schedule	›
Vacation	›
iCheck	›
Settings	›
About	›

About

Serial Number	
000044452104410ST180BDAC1674000	
Device Model	
TL04-1	
Firmware Version	
00AC000111171171710000661110XX	
Software Version	
V.1000XX	
Terms of Use	›
Privacy Policy	›

32 digit serial number

IDU Firmware version

Thermostat software version