



# NEW SMART THERMOSTAT

Technical Service Group

Tuesday, November 26, 2024

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# ENTRY TIER SMART THERMOSTAT



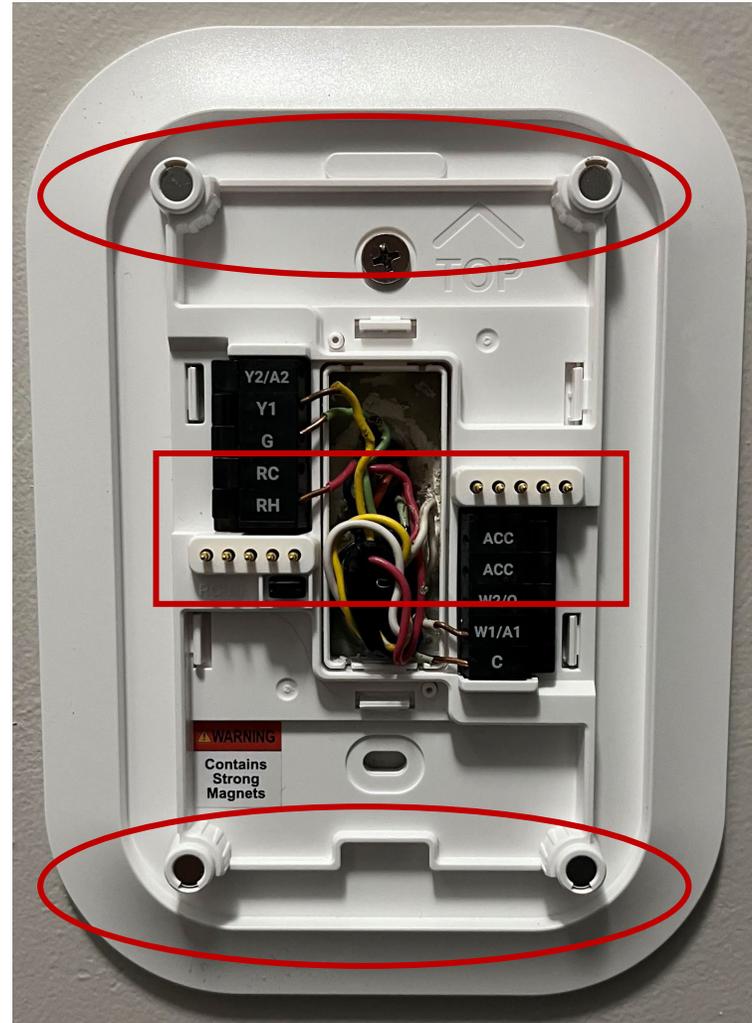
- 2H/2C Standard, 3H/2C Heat Pump
- Temperature, humidity, proximity and ambient light sensors
- Programmable scheduling via the Home App
- One accessory output: Deh, Hum, Vent



# INSTALLATION

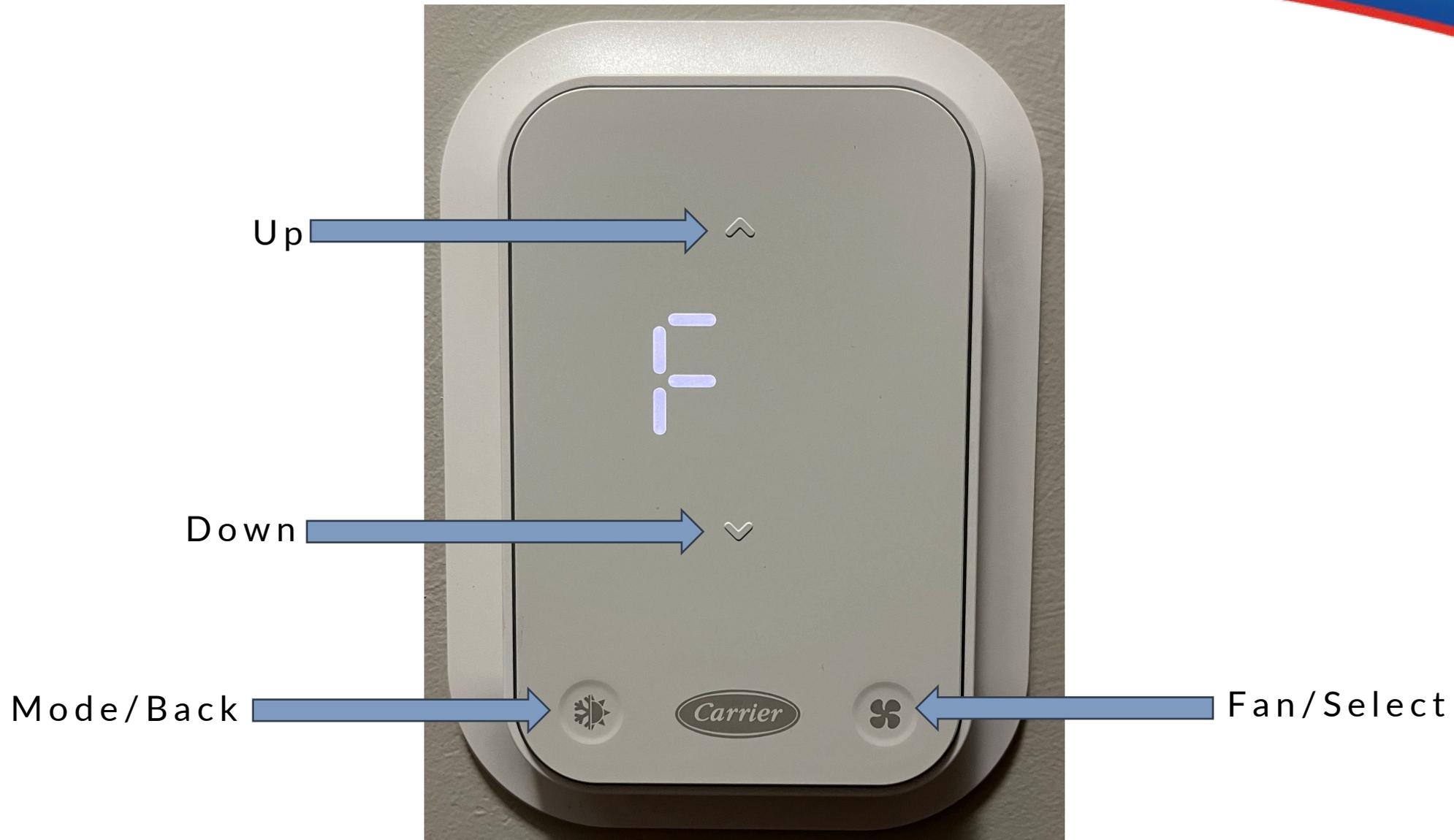


- Must have C wire
- Thermostat connected to back plate by magnets
- Pogo pins / push pins



- Green
  - Off Mode with Fan On
- Blue
  - Cool
- Orange
  - Heat
- Purple
  - Off
- Yellow
  - Open ADR(Automated Demand Response)
  
- Blinking means time-guard is active

# MANUAL SETUP OF THERMOSTAT



# NEW WI-FI SMART THERMOSTAT



- TSTATCCEWF-01
- TSTATBBEWF-01

1. Can setup manually

2. Can setup with Technician app





# Manual Setup

- Beginning on page 16 of the installation instructions
  1. First, select temperature format (F or C)
  2. Then select the system type
    1. L1-Standard
    2. L2-Heat Pump
    3. L3-Dual Fuel
  3. After the system type is selected, select the system sub-type
    1. Choose combination of #heats / #cools
    2. Format is(01, 02, 10, 11, 12, 20, 21, 22, etc..)
  4. Reversing Valve orientation
    1. 01-on cool
    2. 02-on heat

## Manual Setup of Thermostat HVAC Configuration on the Thermostat

1. HVAC configuration can be done via thermostat display.
  - a. Use the Mode button to go back.
  - b. Use the Fan button to select.
  - c. Use Up and Down buttons to cycle through options.
2. Upon first power up display will show F for selecting temperature format.
  - a. Use Up and Down buttons to change between F and C.
  - b. Press Fan button to select format.
3. After selecting temperature format display will show L1. At this point you may begin selecting a HVAC system type. Use Up and Down arrows to cycle through different HVAC system and sub-system types. Use Fan button to select your HVAC type and sub-system type. Use Mode button to go back.
  - a. Supported HVAC system types are as follows:
    - i. **Standard (L1).**

Standard supports the following sub-system types:

      - 0 Heat 1 Cool (01)
      - 0 Heat 2 Cool (02)
      - 1 Heat 0 Cool (10)
        - If selected, you will be presented with additional choices to include Fan. Use Up and Down arrows to cycle through the two choices. Thermostat controls the fan is represented by F0. Furnace controls the fan is represented by F1. Use Fan button to select.
      - 2 Heat 0 Cool (20)
        - If selected, you will be presented with additional choices to include Fan. Use Up and Down arrows to cycle through the two choices. Thermostat controls the fan is represented by F0. Furnace controls the fan is represented by F1. Use Fan button to select.
    - 1 Heat 1 Cool (11)
      - If selected, you will be presented with additional choices to include Fan. Use Up and Down arrows to cycle through the two choices. Thermostat controls the fan is represented by F0. Furnace controls the fan is represented by F1. Use Fan button to select.
    - 2 Heat 1 Cool (21)
      - If selected, you will be presented with additional choices to include Fan. Use Up and Down arrows to cycle through the two choices. Thermostat controls the fan is represented by F0. Furnace controls the fan is represented by F1. Use Fan button to select.
    - 1 Heat 2 Cool (12)
      - If selected, you will be presented with additional choices to include Fan. Use Up and Down arrows to cycle through the two choices. Thermostat controls the fan is represented by F0. Furnace controls the fan is represented by F1. Use Fan button to select.
    - 2 Heat 2 Cool (22)
      - If selected, you will be presented with additional choices to include Fan. Use Up and Down arrows to cycle through the two choices. Thermostat controls the fan is represented by F0. Furnace controls the fan is represented by F1. Use Fan button to select.

# MANUAL TEST MODE



- Page 20 of the manual
  
- \*Hold MODE for 10 seconds\*
- Test is 20 minutes if not interrupted.
  - a. Use the Mode button to go back.
  - b. Use the Fan button to select.
  - c. Use Up and Down buttons to cycle through options.

- a. Test Heat Stage 1 (H1)
- b. Test Heat Stage 2 (H2)
- c. Test Auxiliary Heat Stage 1 (A1)
- d. Test Auxiliary Heat Stage 2 (A2)
- e. Test Cool Stage 1 (C1)
- f. Test Cool Stage 2 (C2)
- g. Stop Testing (S0)

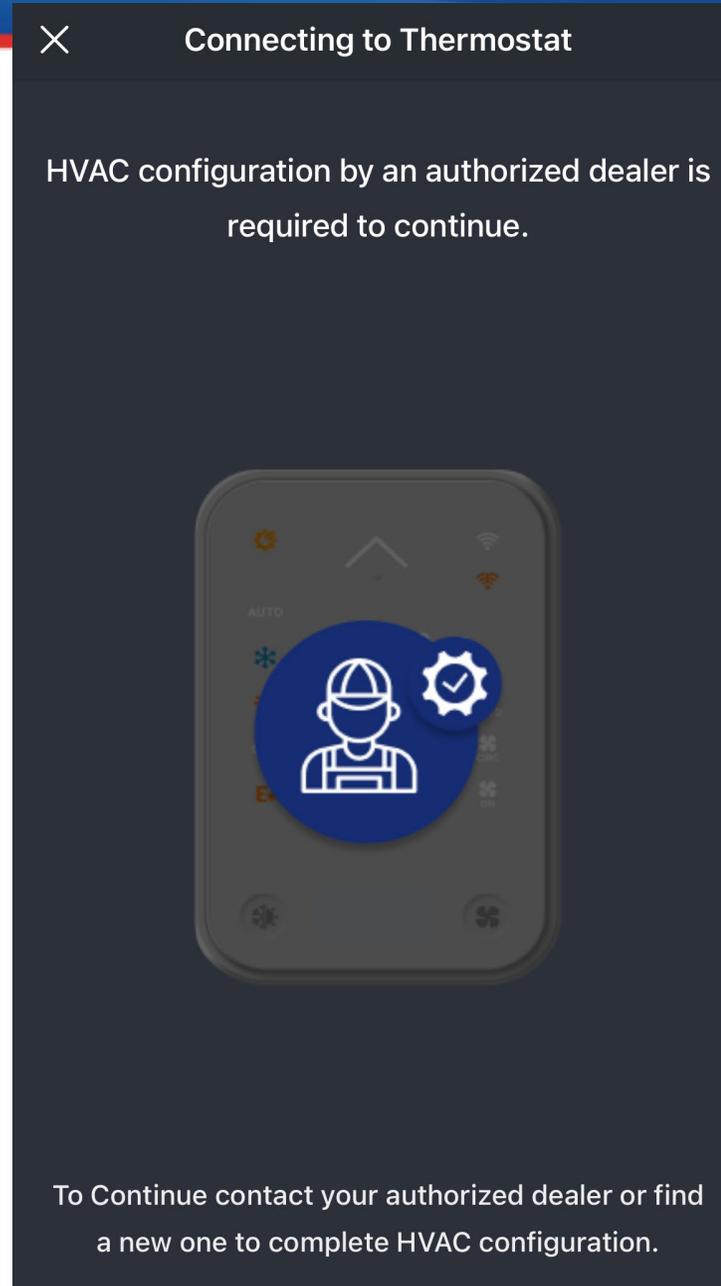
- Manual Setup (Without app)
  - F or C
  - Equipment type (AC, HP, Dual Fuel)
  - Rev O/B
  - Homeowner can NOT setup Wi-Fi
- With app
  - Everything
  - Time delays
  - Y and W delta to turn on
  - Colored halo brightness
  - Homeowner has Wi-Fi capabilities
  - More+



# MANUAL SETUP/ WI-FI ATTEMPT



- When homeowner attempts to setup wi-fi, this is the message.



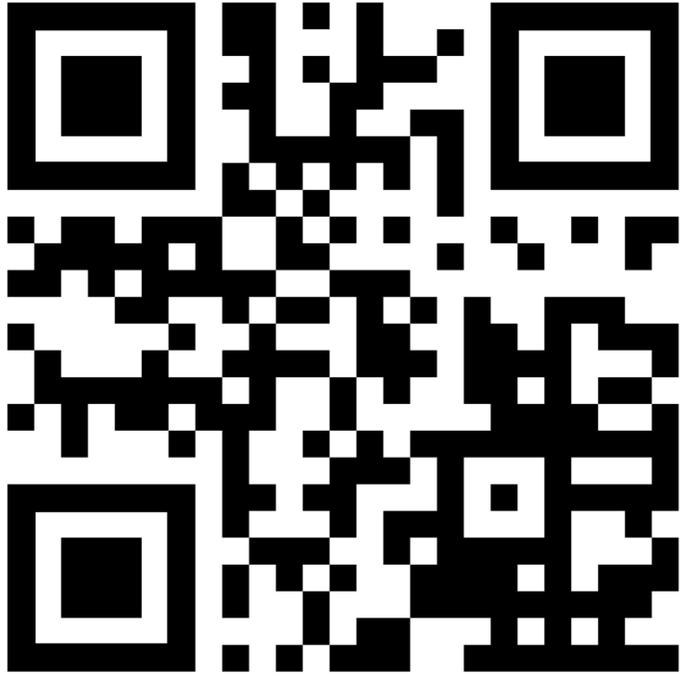


# Resets

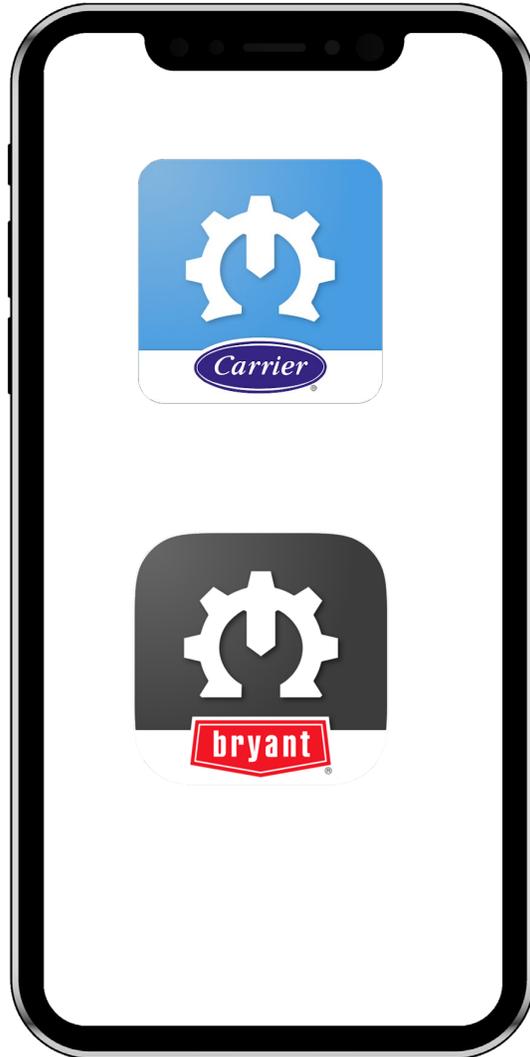
- (Fan + Mode) for 10 seconds
  
- Up/Down to toggle
- Fan to select
  
- (nr)
  - Network Reset
  - Resets Wi-Fi & Bluetooth
  
- (Fr)
  - Factory Reset
  - Resets everything



# Technician App Setup

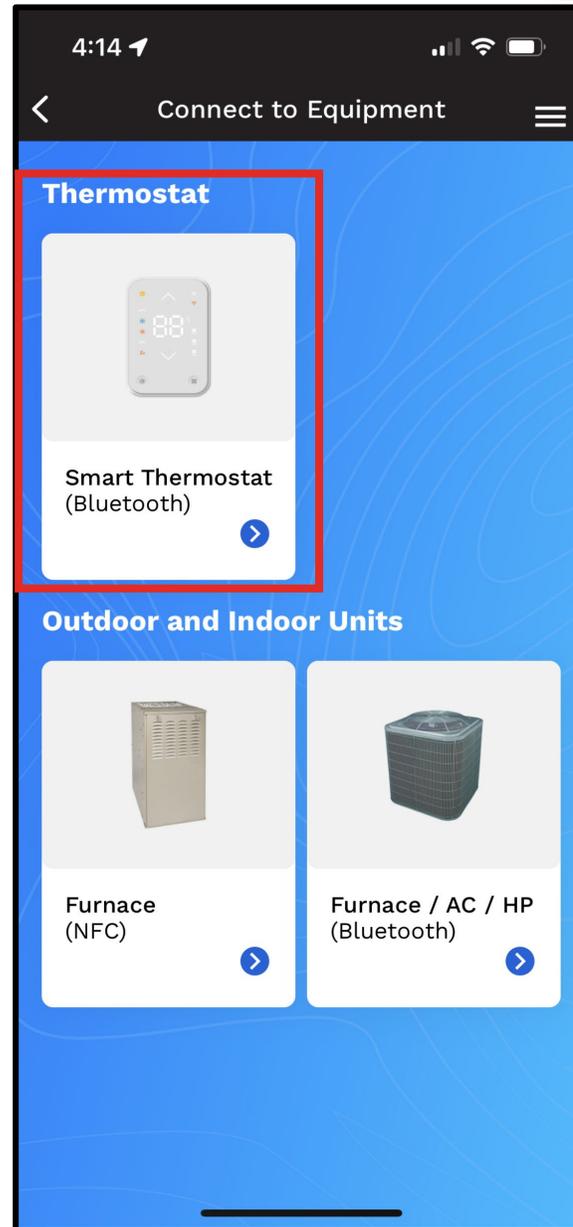
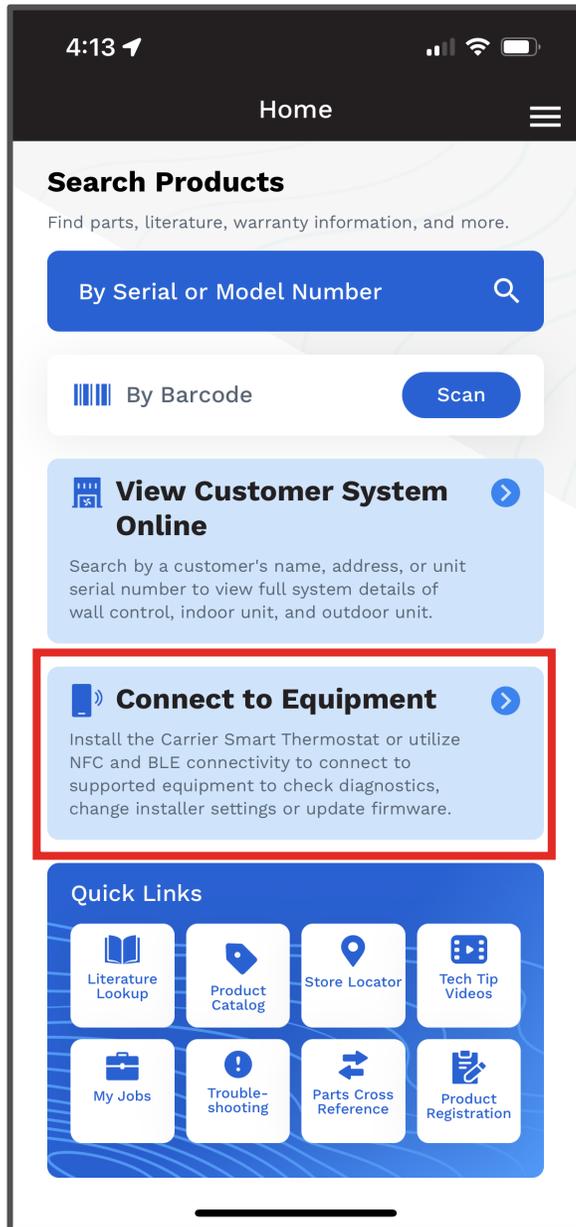


**Scan to  
Download  
Carrier Service  
Tech App**



**Scan to  
Download  
Bryant Service  
Tech App**

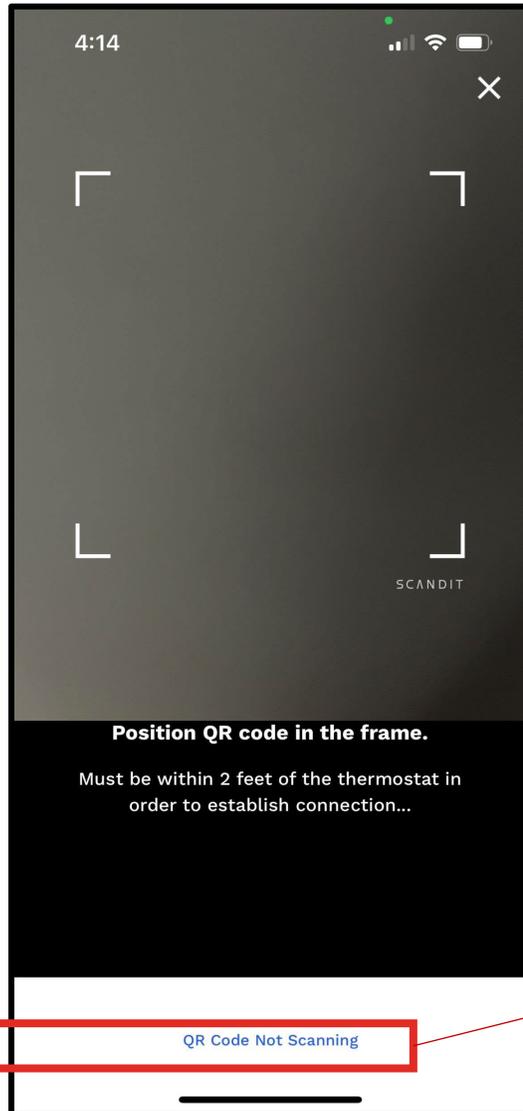
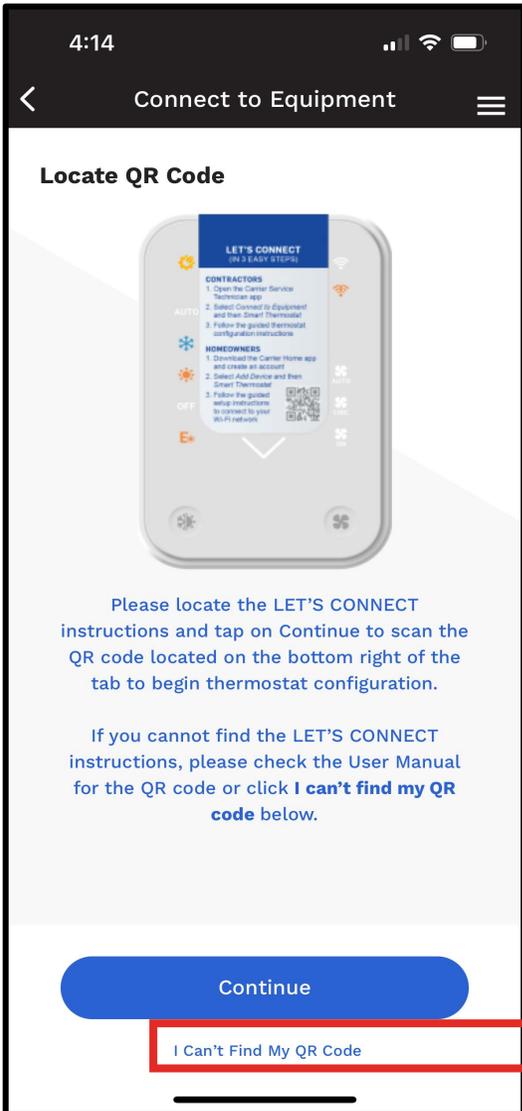
# SERVICE TECH APP



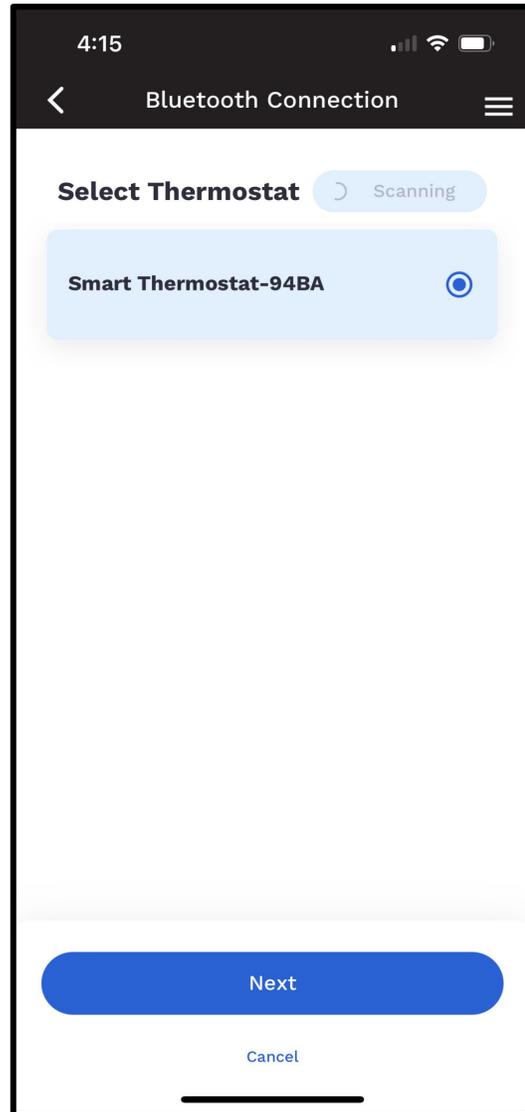
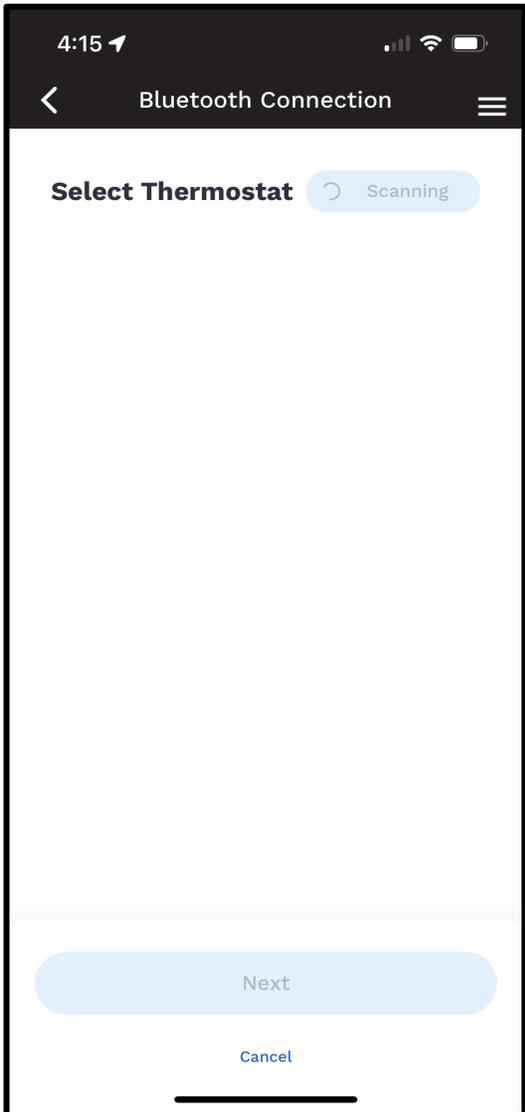
Must be signed into app.  
Use HVACpartners login info.

- Follow on-screen instructions to get phone connected.
- QR code helps but is not required (if lost)
- READ instructions carefully, and thoroughly.

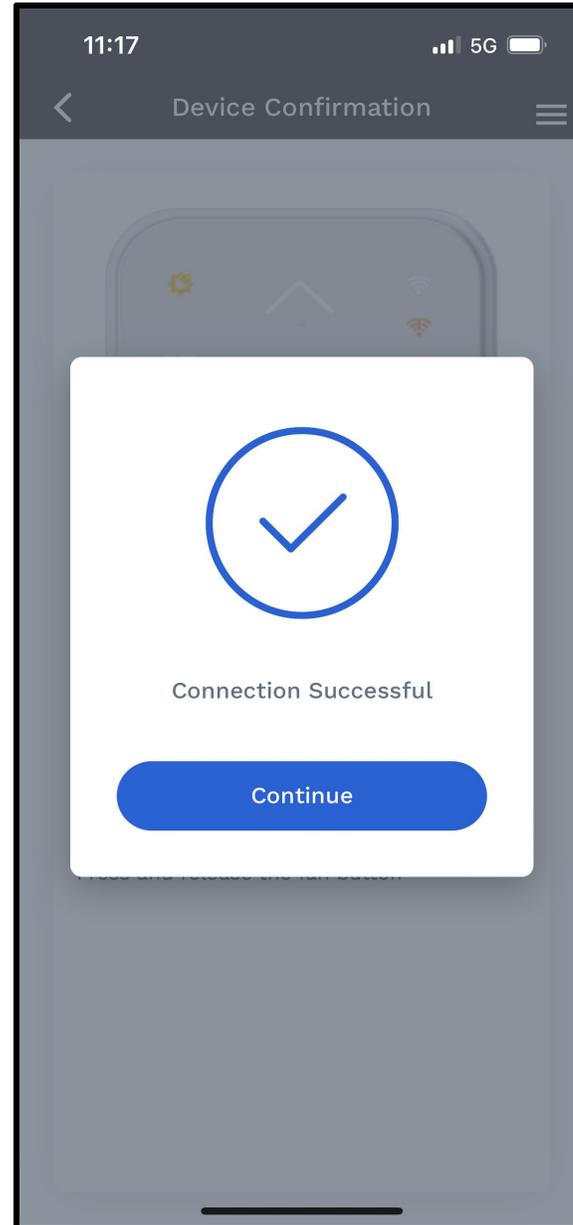
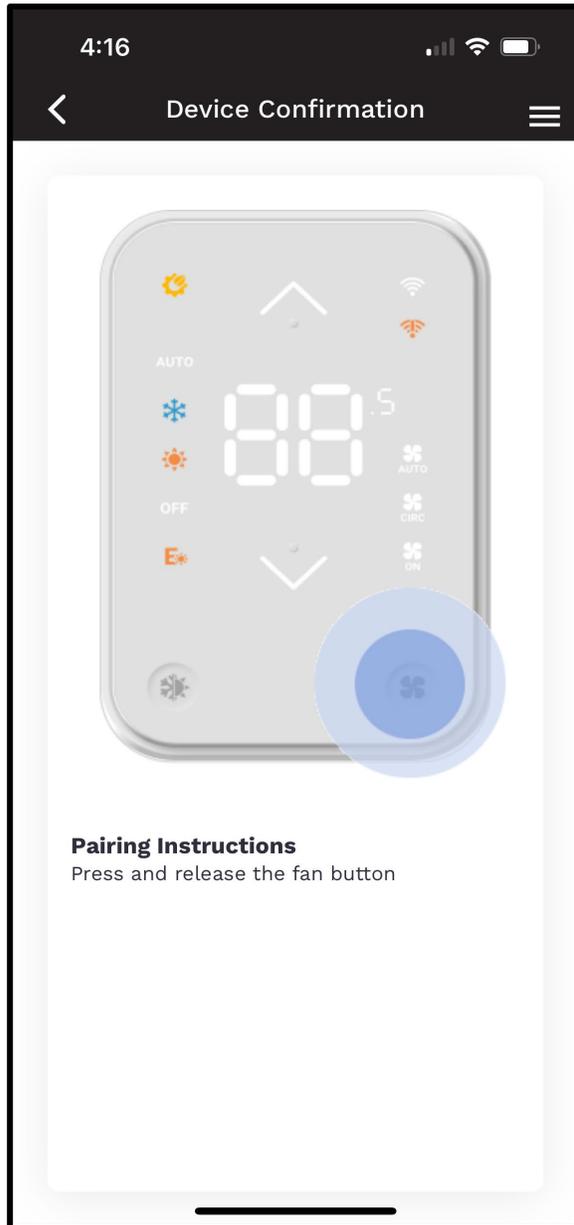
# APP CONNECTING



# APP CONNECTING



# APP CONNECTED





**Example:  
Setting up 1H/1C Gas with external  
Dehumidifier.**

# SYSTEM CONFIGURATION



10:05 5G

Summary

### Thermostat Summary

System Configuration **EDIT**

Heat Source: None  
Cool Source: AC

System Settings **EDIT**

#### System Configuration

System Type: AC System  
Subsystem Type: 0 Heat 1 Cool  
Accessory Output: None  
Fan Control: Thermostat

#### Stage Settings

C Delta Stage 1: 1°F

#### Cycles Settings

Cooling Cycles per hour: 3

#### Set Point Settings

Min Cool Setpoint: 60°F  
Cool To: 73°F

10:05 5G

Equipment & Accessories

### HVAC System Setup

Select the HVAC System Setup

#### Outdoor

AC  
 Heat Pump

#### Indoor

Furnace  
 Fan Coil

**Next**  
[Disconnect](#)

10:05 5G

Equipment & Accessories

### HVAC System Setup

Select the HVAC System Setup

#### Outdoor

AC  
 Heat Pump

#### Indoor

Furnace  
 Fan Coil

**Next**  
[Disconnect](#)

# SYSTEM CONFIGURATION



10:05 5G

Equipment & Accessories

### HVAC System Setup

Select AC stage

Single Stage

Two Stage

Next

Cancel

10:05 5G

Equipment & Accessories

### HVAC System Setup

Select Furnace stage

Single Stage

Two Stage

Next

Cancel

10:05 5G

Equipment & Accessories

### HVAC System Setup

Select Furnace stage

#### Fan Control

Fan On with Heat(W)?

Enabled   
Thermostat Controls the Fan

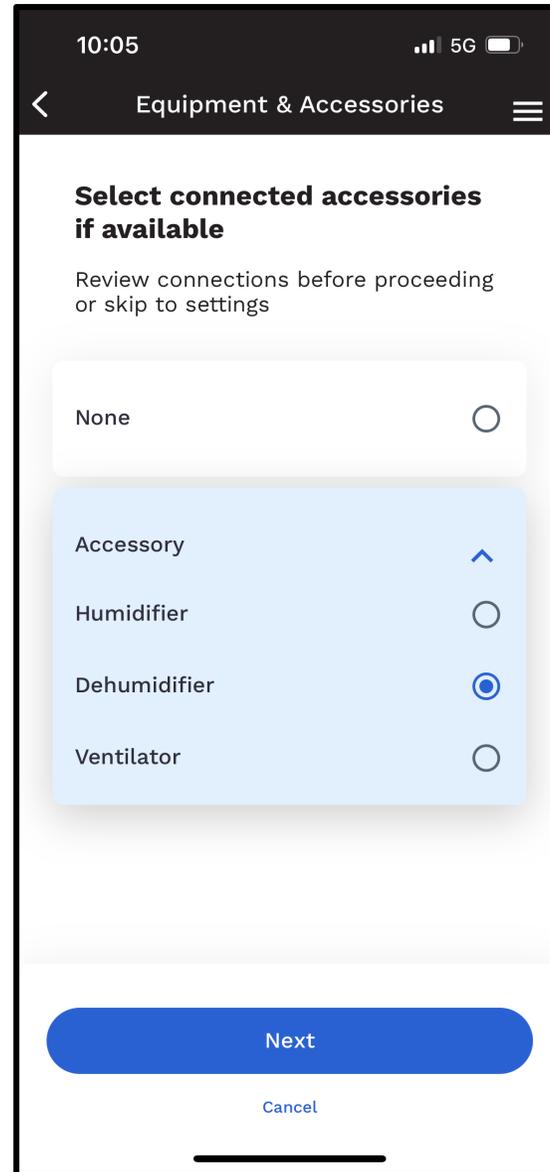
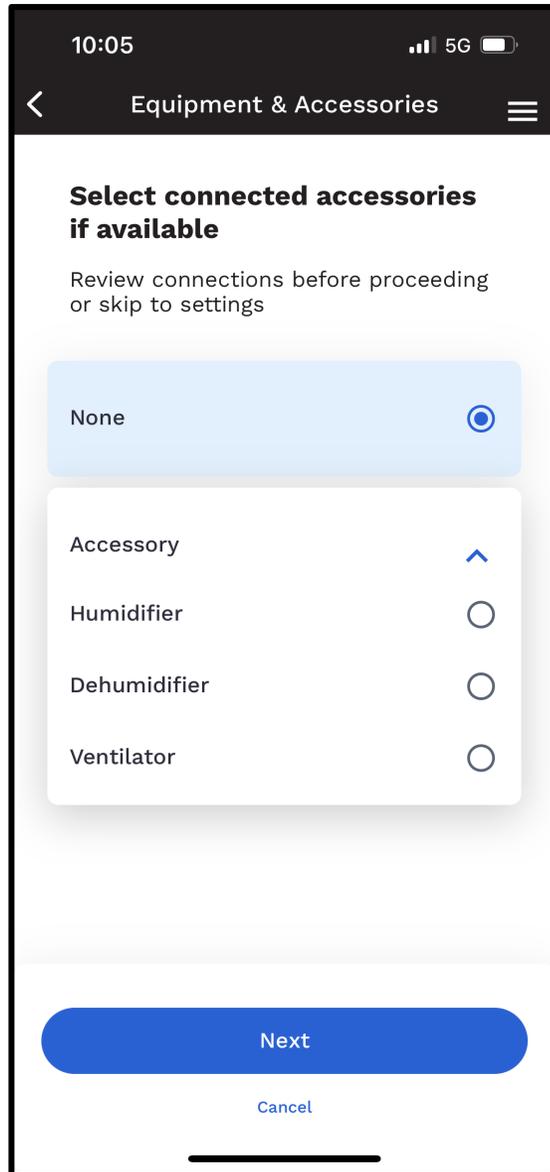
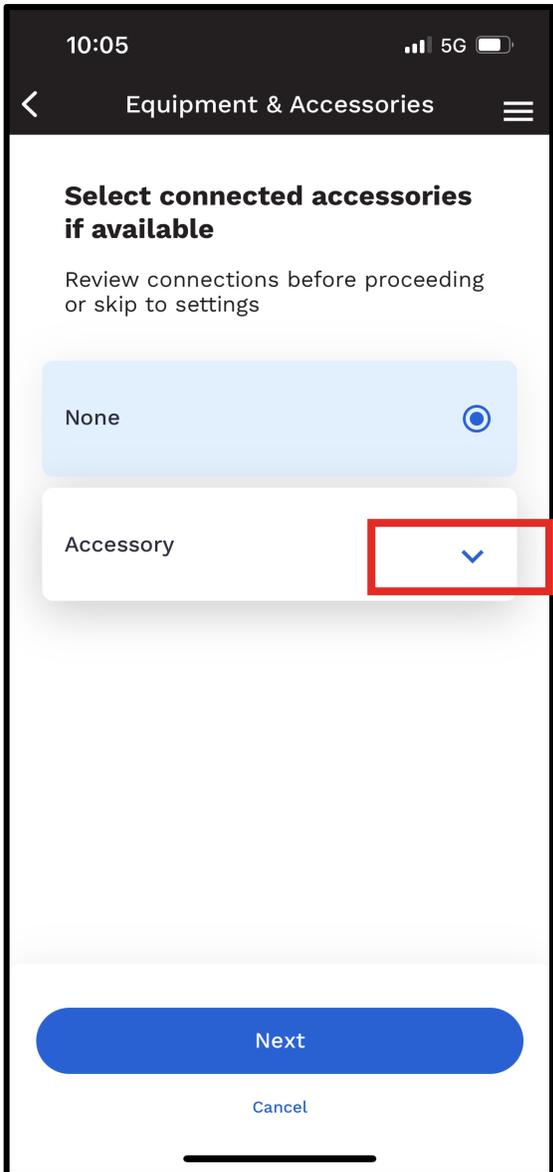
Disabled   
Furnace Controls the Fan

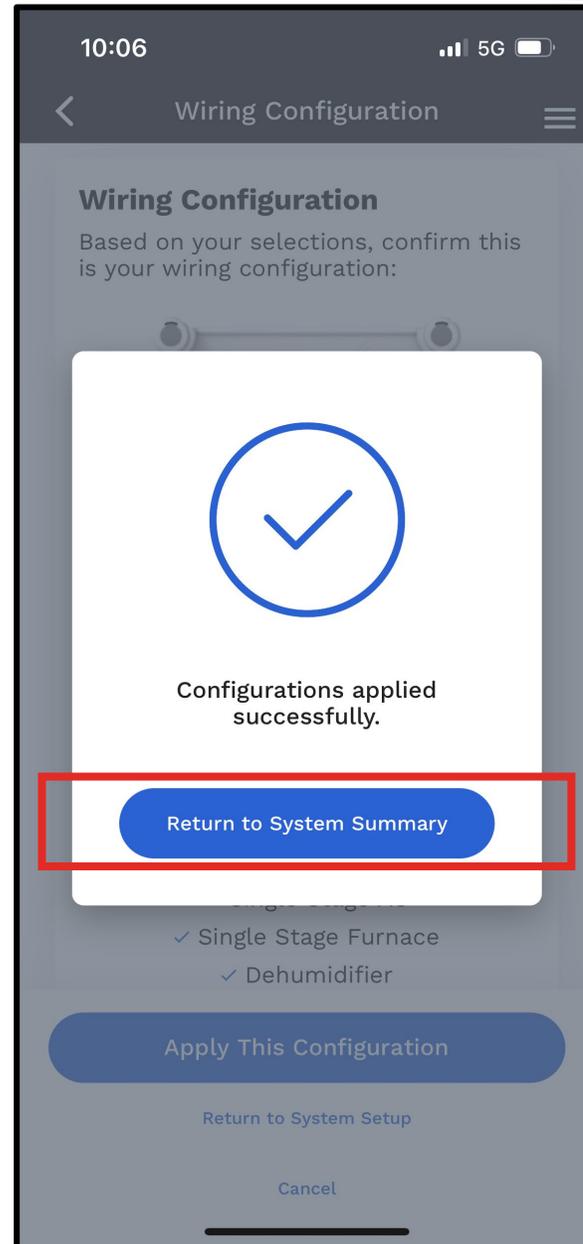
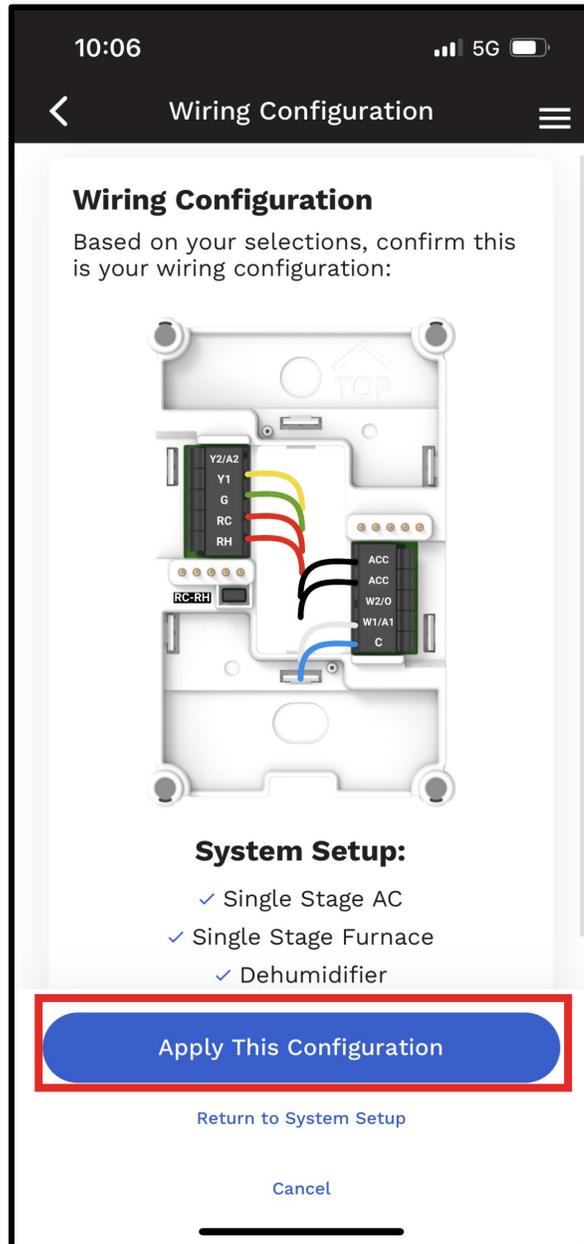
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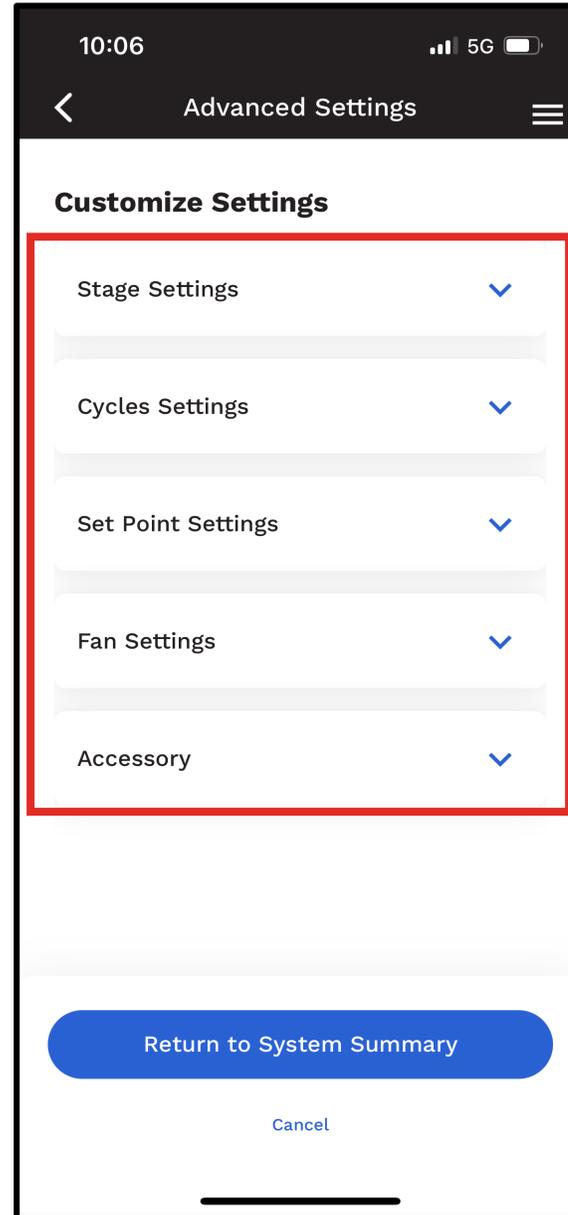
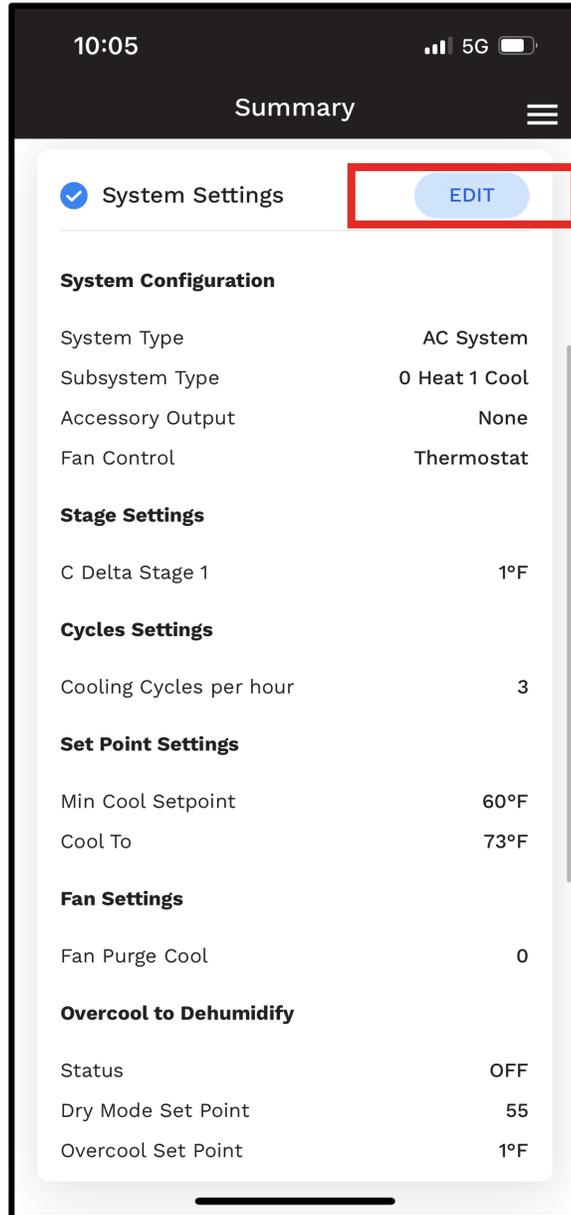
Next

Cancel

# SYSTEM CONFIGURATION







# SETTINGS- STAGING



10:07 5G

Advanced Settings

### Customize Settings

Stage Settings

Delta Stage 2 settings must have a higher value than Delta Stage 1

Settings	Config
C Delta Stage 1	1°F <span>EDIT</span>
H Delta Stage 1	1°F <span>EDIT</span>

Cycles Settings

Set Point Settings

Fan Settings

Return to System Summary

Cancel

10:07 5G

Advanced Settings

### Customize Settings

Stage Settings

#### Edit Stage Settings

C Delta Stage 1 1°F

2

3

Update Setting

Cancel

Return to System Summary

Cancel

10:07 5G

Advanced Settings

### Customize Settings

Stage Settings

#### Edit Stage Settings

H Delta Stage 1 1°F

2

3

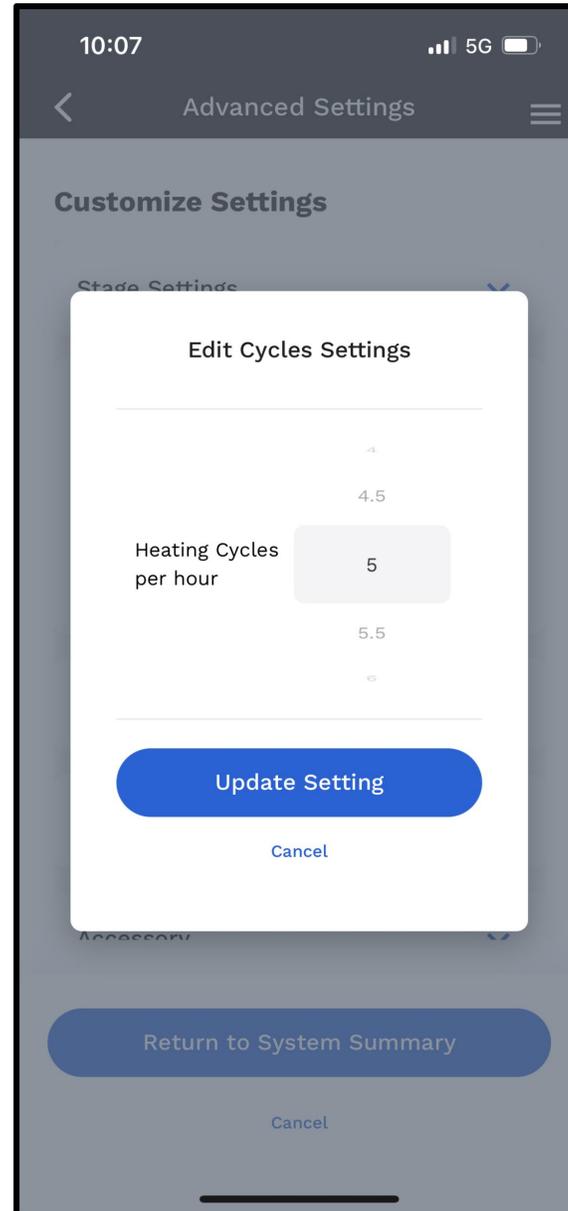
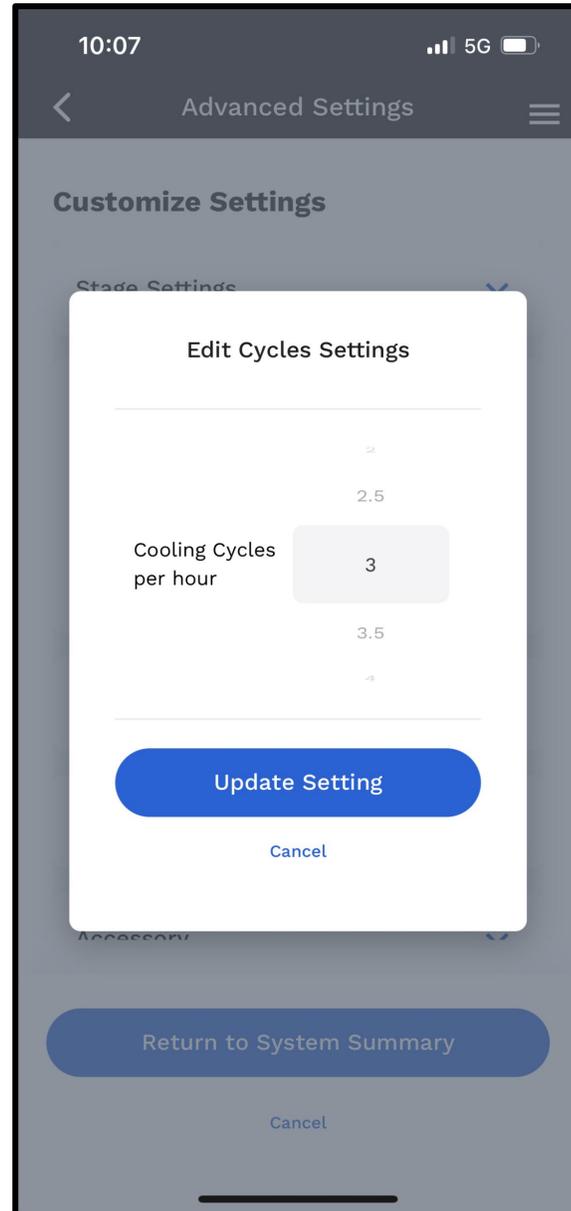
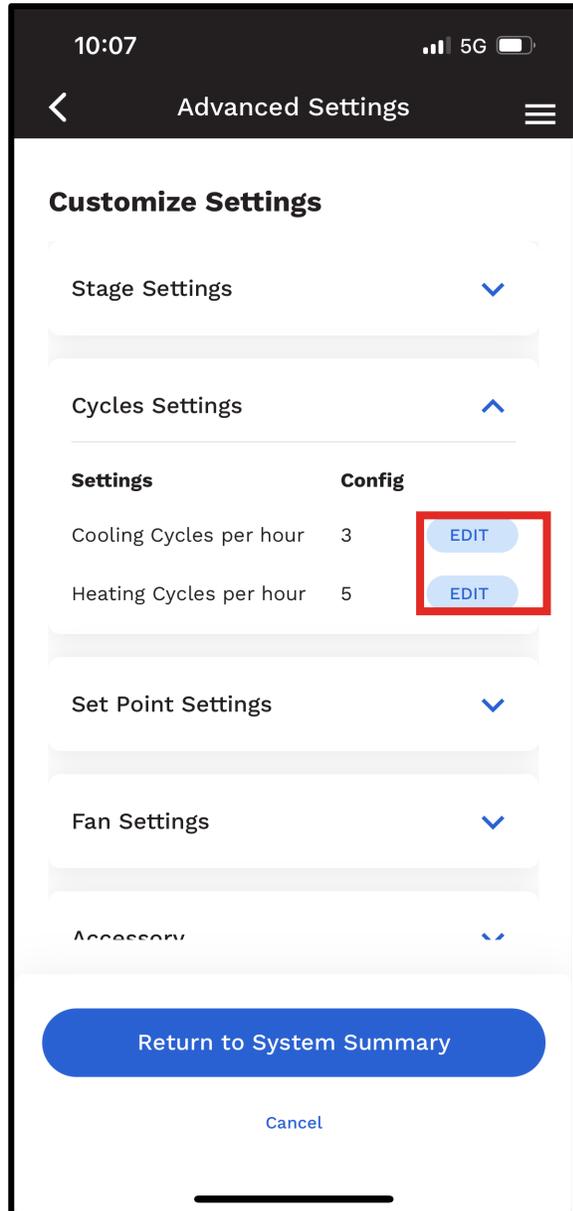
Update Setting

Cancel

Return to System Summary

Cancel

# SETTINGS- CYCLING



# SETTINGS- SET POINTS



10:07 5G

Advanced Settings

### Customize Settings

Stage Settings

Cycles Settings

Set Point Settings

Settings	Config	
Max Heat Setpoint	85°F	EDIT
Min Cool Setpoint	60°F	EDIT
Cool To	73°F	EDIT
Heat To	70°F	EDIT
Setpoint H/C Delta	3°F	EDIT

Return to System Summary

Cancel

10:07 5G

Advanced Settings

### Customize Settings

Cycles Settings

#### Edit Set Point Settings

84

Max Heat Setpoint 85°F

Update Setting

Cancel

Return to System Summary

Cancel

10:08 5G

Advanced Settings

### Customize Settings

Cycles Settings

#### Edit Set Point Settings

61

Min Cool Setpoint 60°F

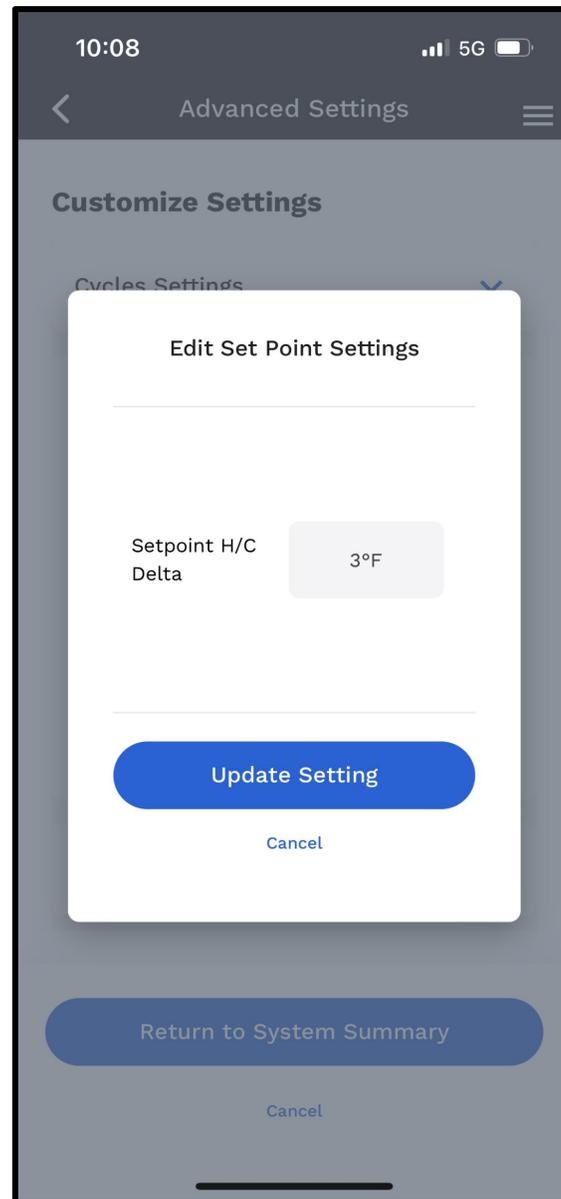
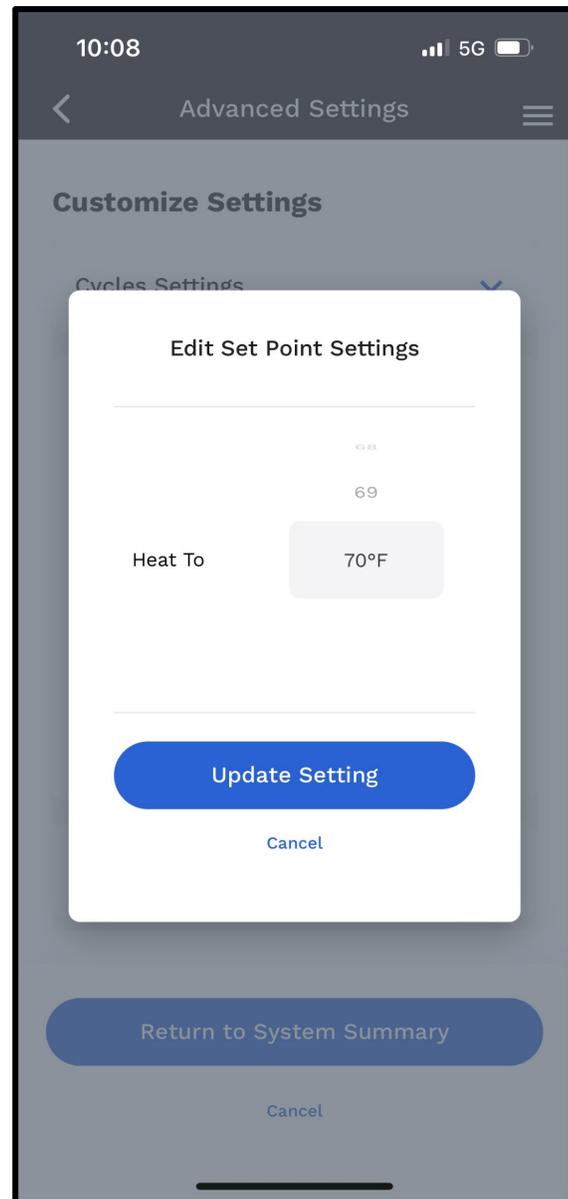
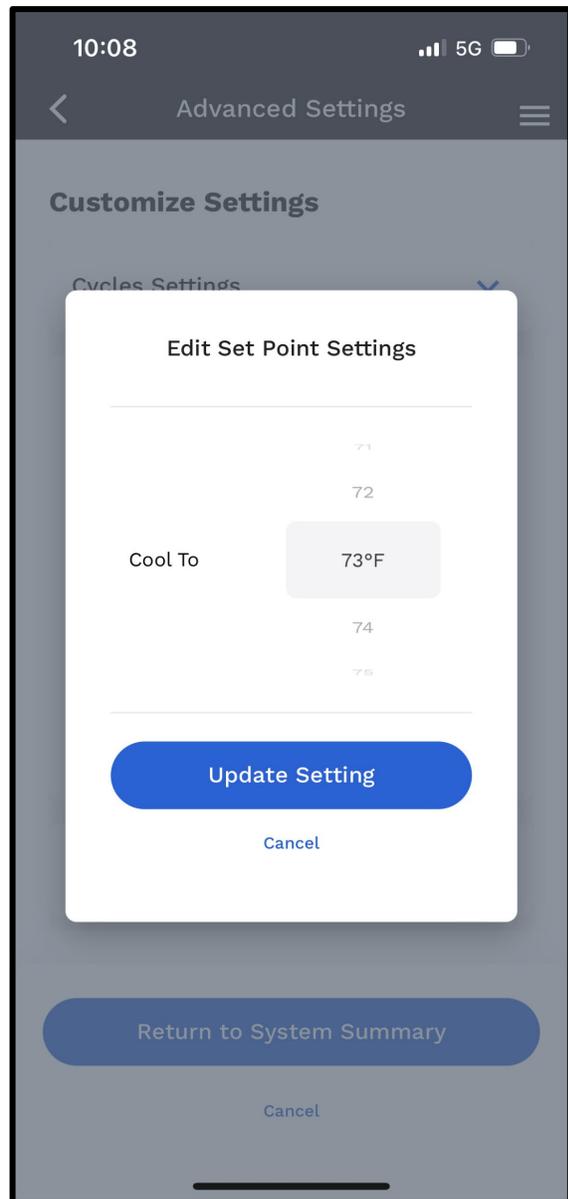
Update Setting

Cancel

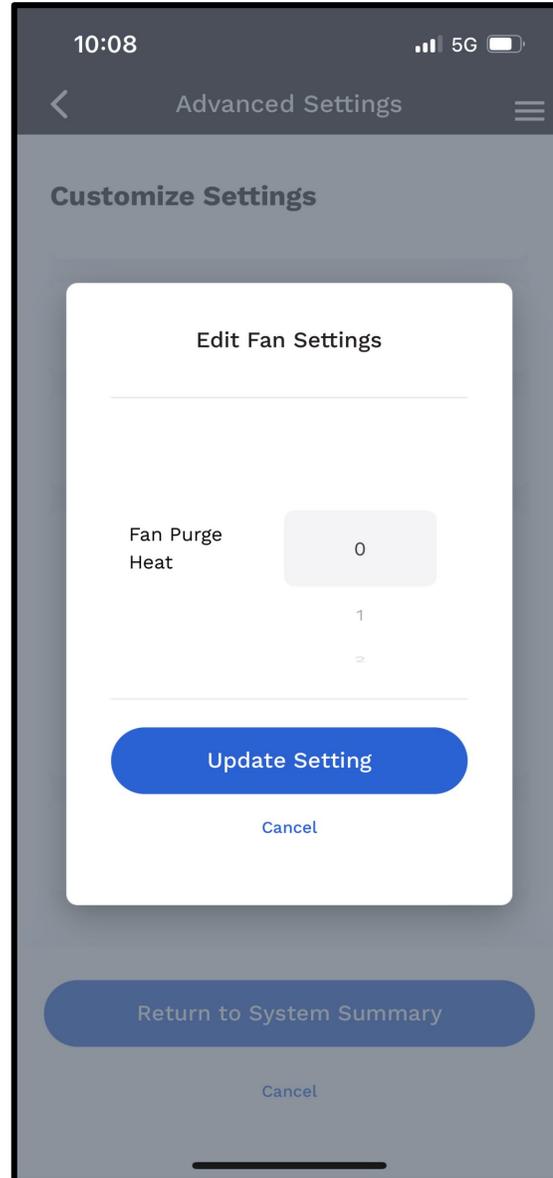
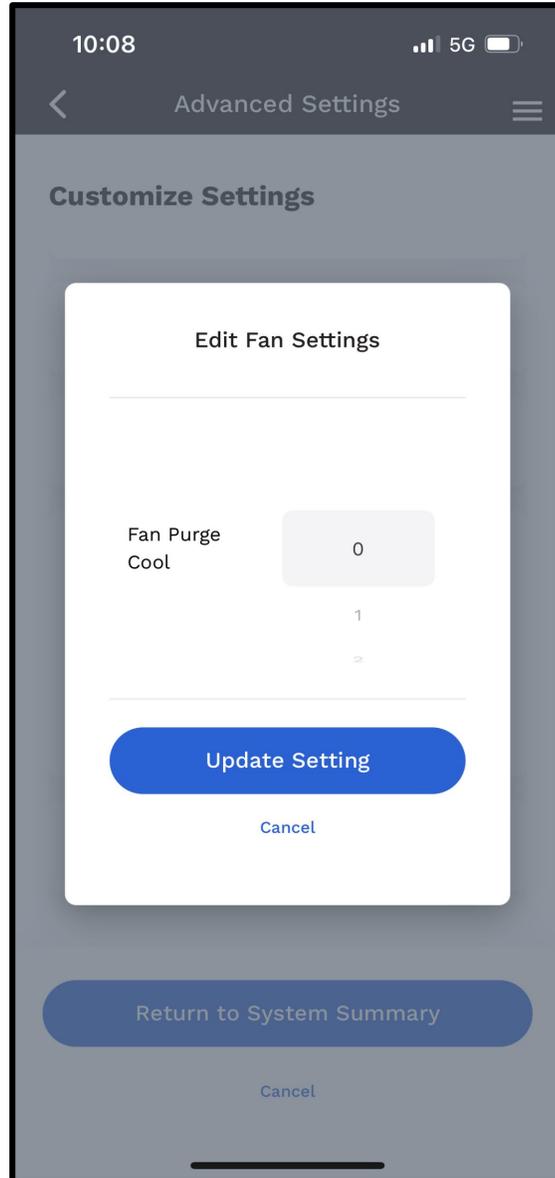
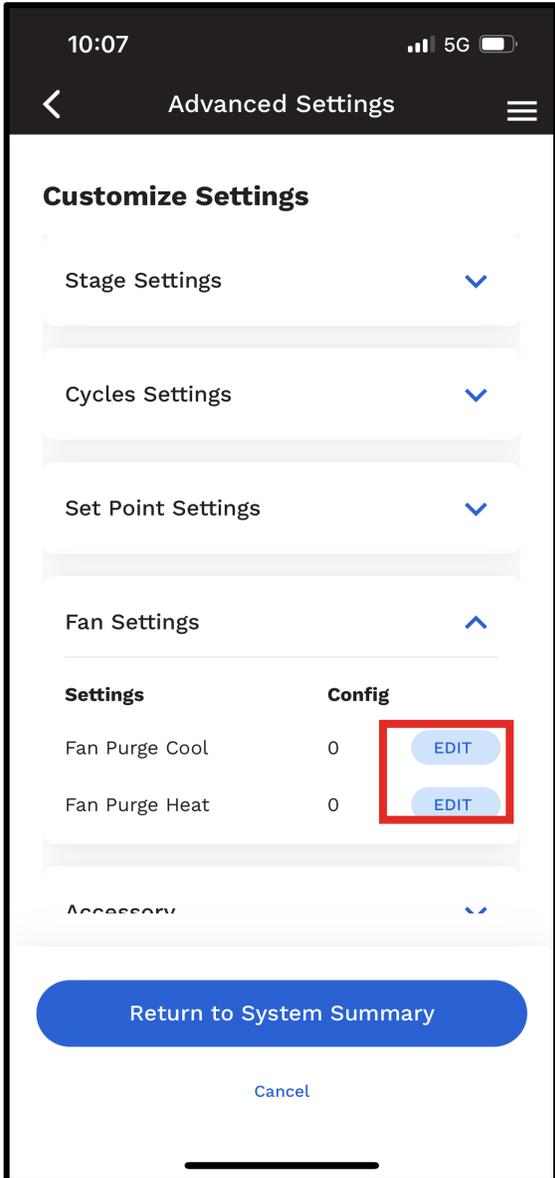
Return to System Summary

Cancel

# SETTINGS- SETPOINTS



# SETTINGS- FAN SETTINGS



# SETTINGS- ACCESSORY



10:07 5G

Advanced Settings

### Customize Settings

Cycles Settings

Set Point Settings

Fan Settings

Accessory

Settings	Config
RH Dehumidification Set Point	55% <b>EDIT</b>
Dehumidify with Fan	ON <b>EDIT</b>

Return to System Summary

Cancel

10:08 5G

Advanced Settings

### Customize Settings

#### Edit Accessory

RH Dehumidification Set Point 55%

Update Setting

Cancel

Return to System Summary

Cancel

10:08 5G

Advanced Settings

### Customize Settings

#### Edit Accessory

Dehumidify with Fan ON

Update Setting

Cancel

Return to System Summary

Cancel

10:07 5G

Advanced Settings

### Customize Settings

Cycles Settings

Set Point Settings

Fan Settings

Accessory

Settings	Config
RH Dehumidification Set Point	55% <b>EDIT</b>
Dehumidify with Fan	ON <b>EDIT</b>

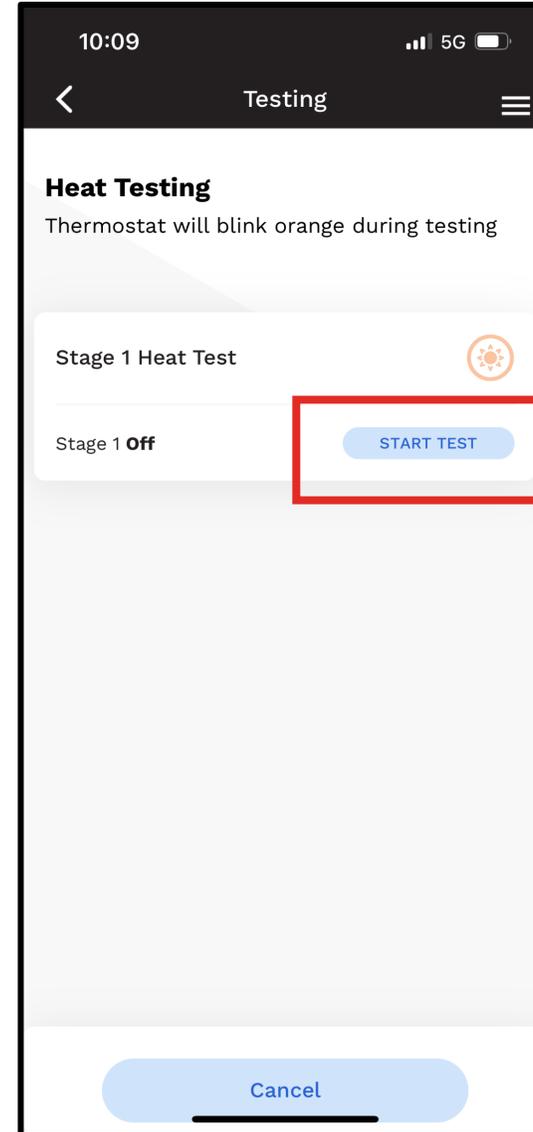
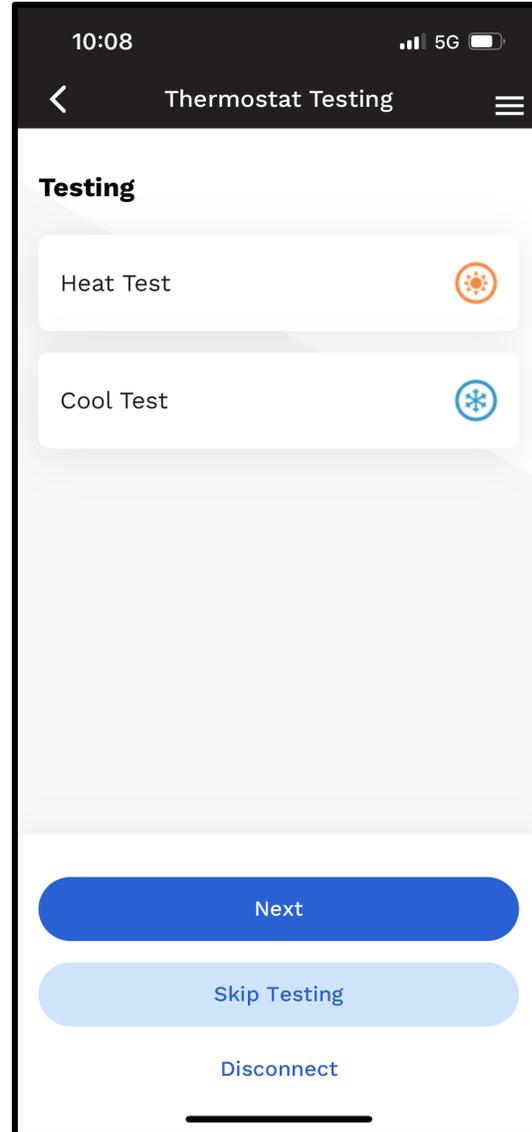
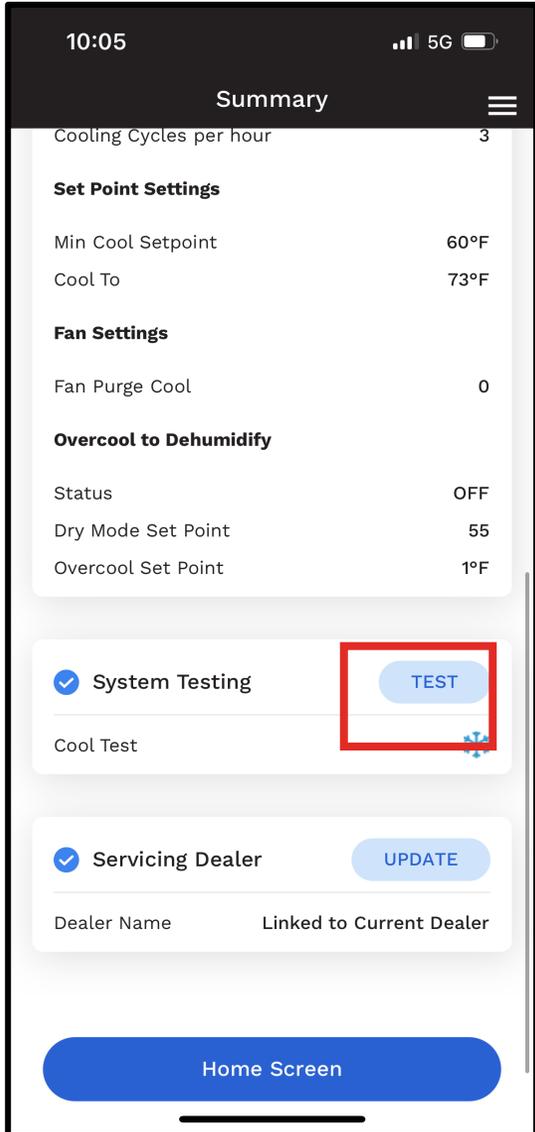
Return to System Summary

Cancel



# Service Testing

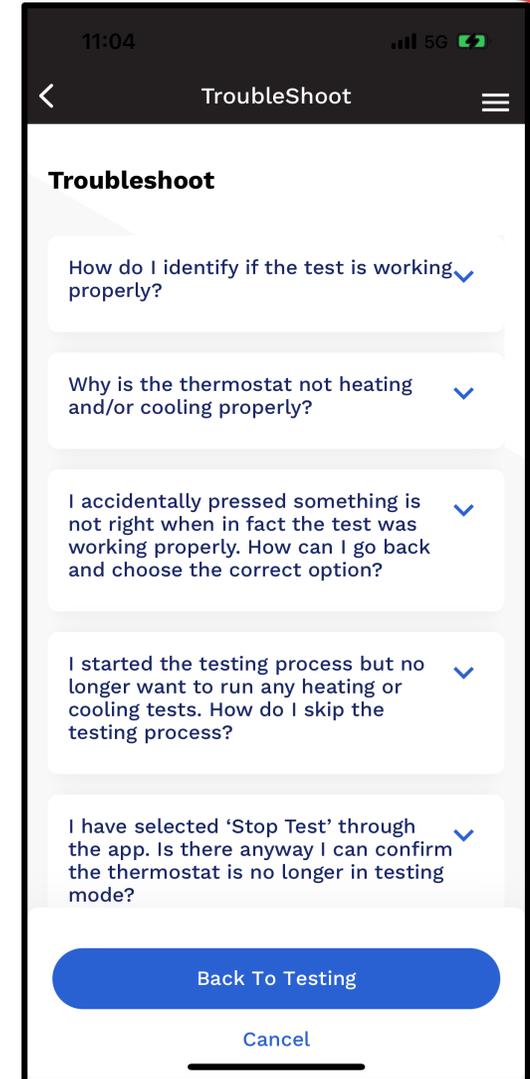
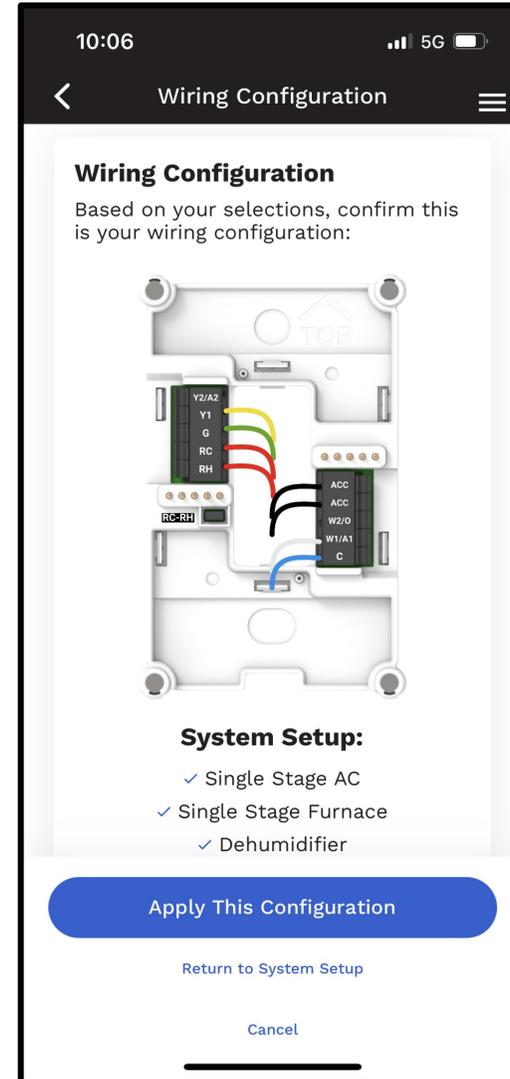
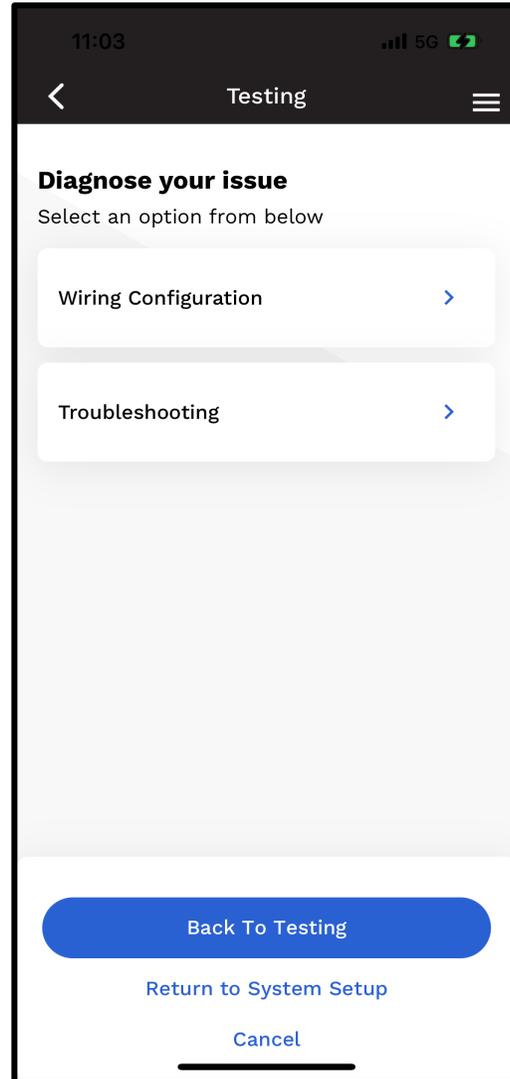
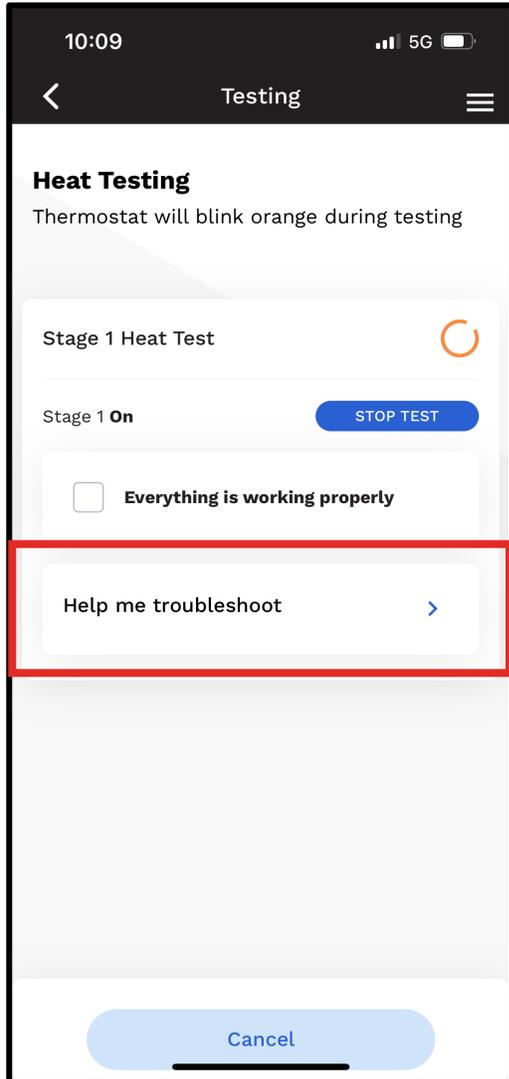
# SERVICE TESTING



# SERVICE TESTING



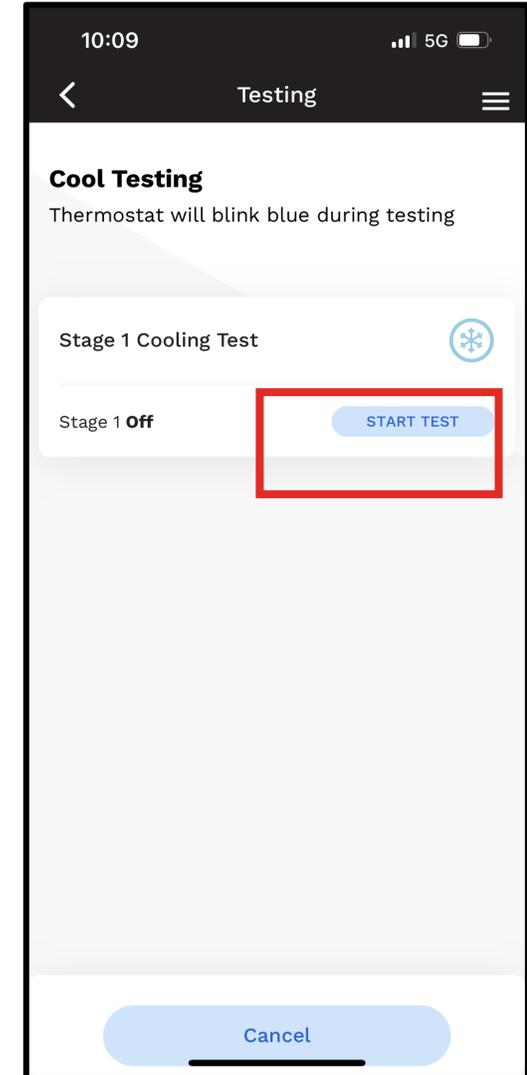
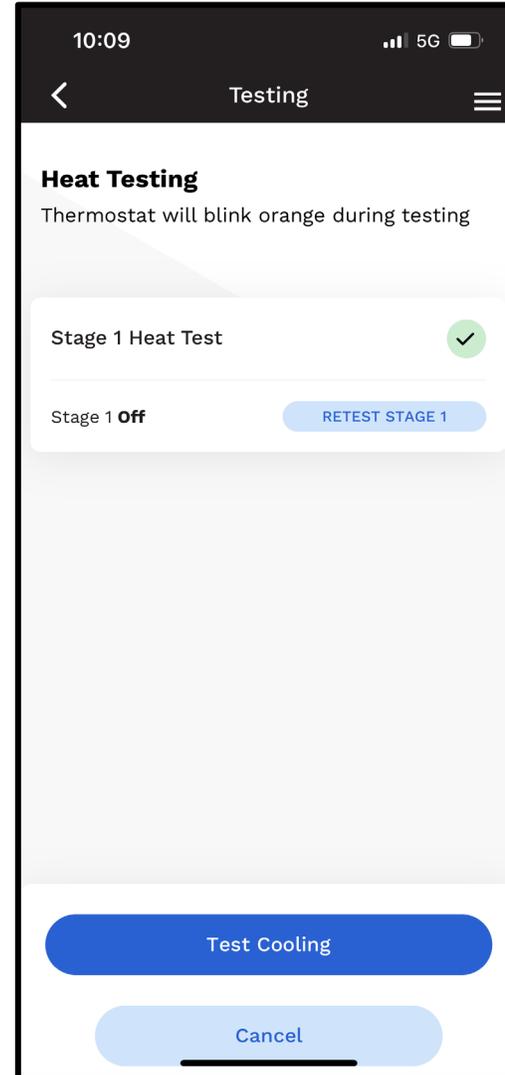
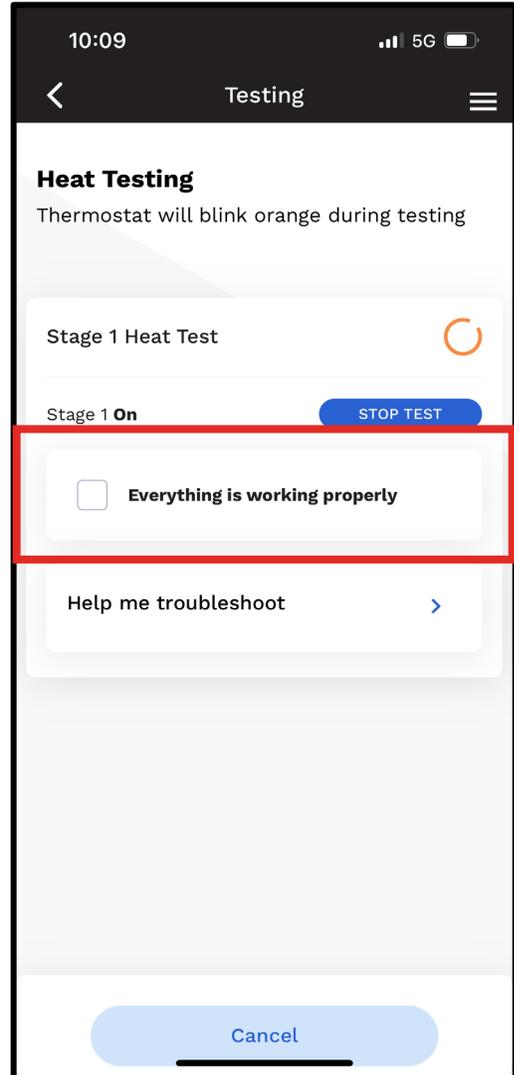
\*if Troubleshooting is needed/ does not blink orange or unit not functioning as it should



# SERVICE TESTING



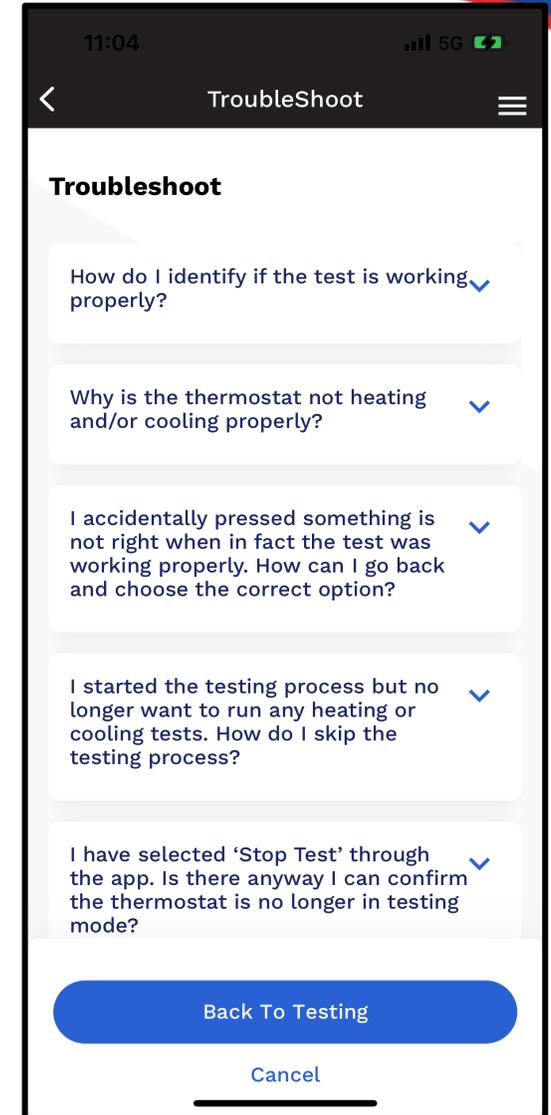
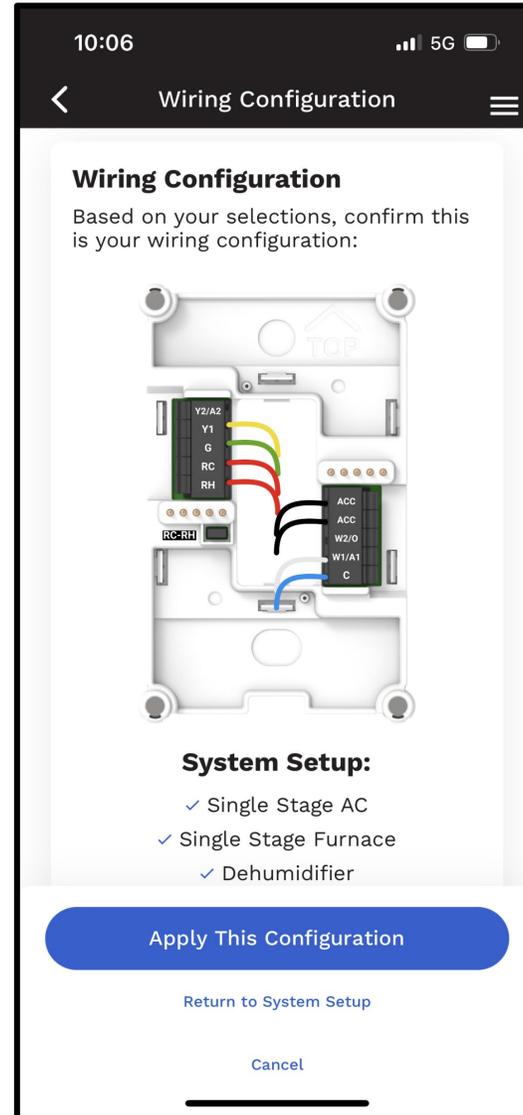
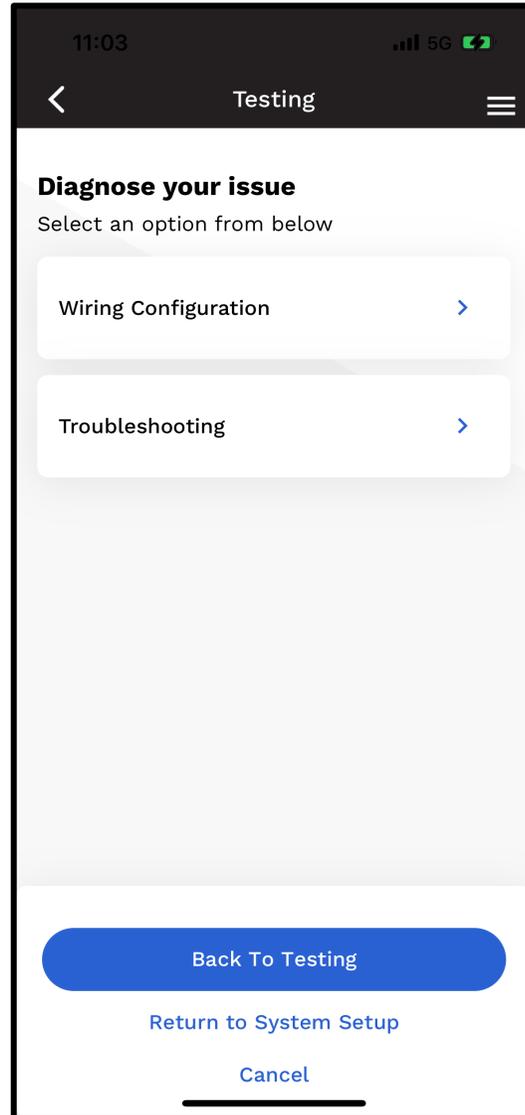
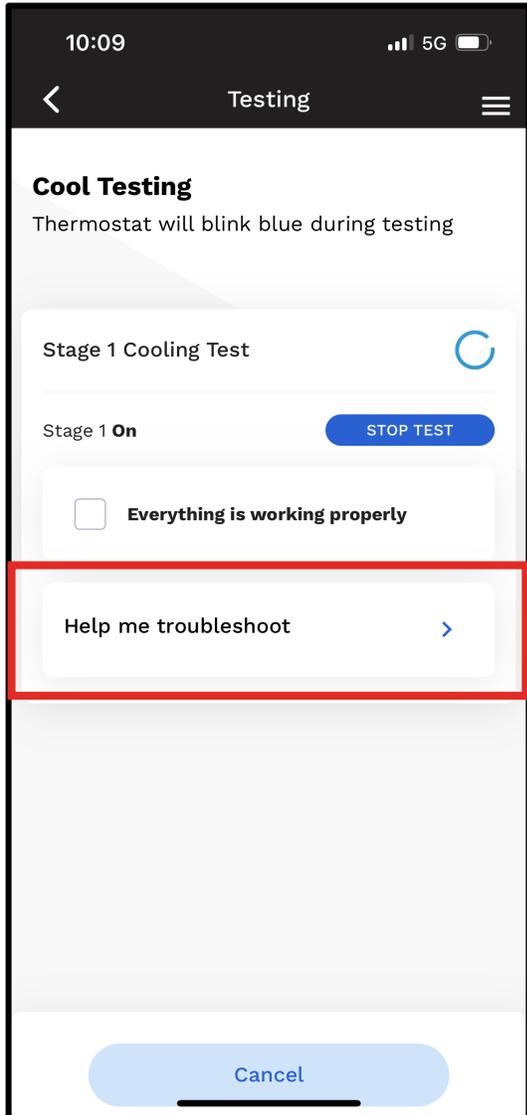
\*if heating worked as expected:



# SERVICE TESTING



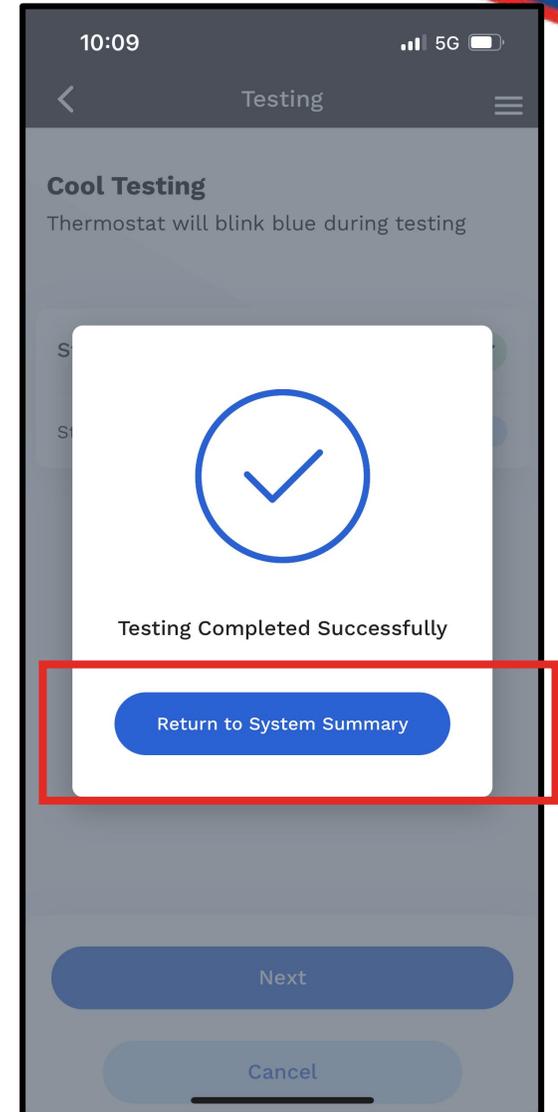
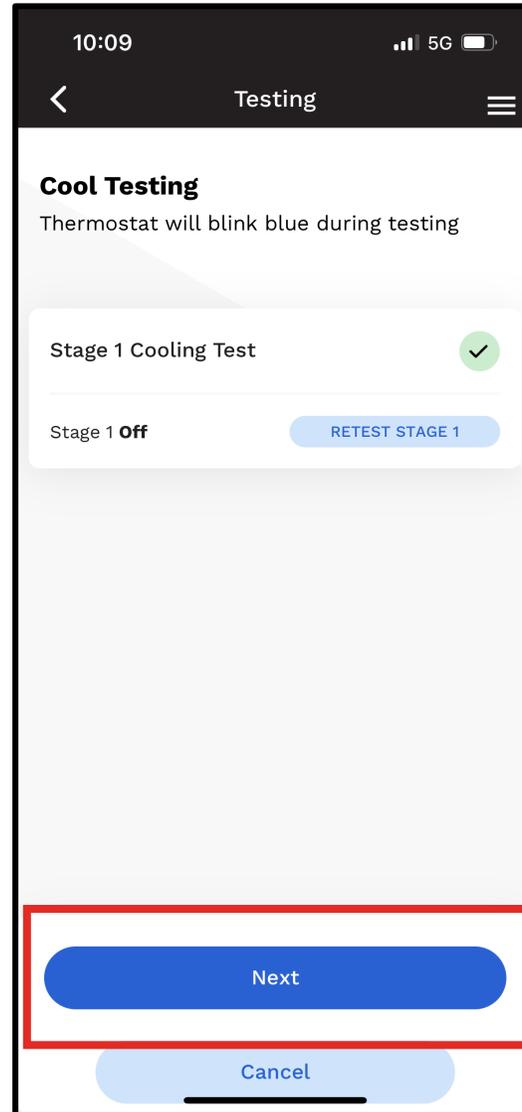
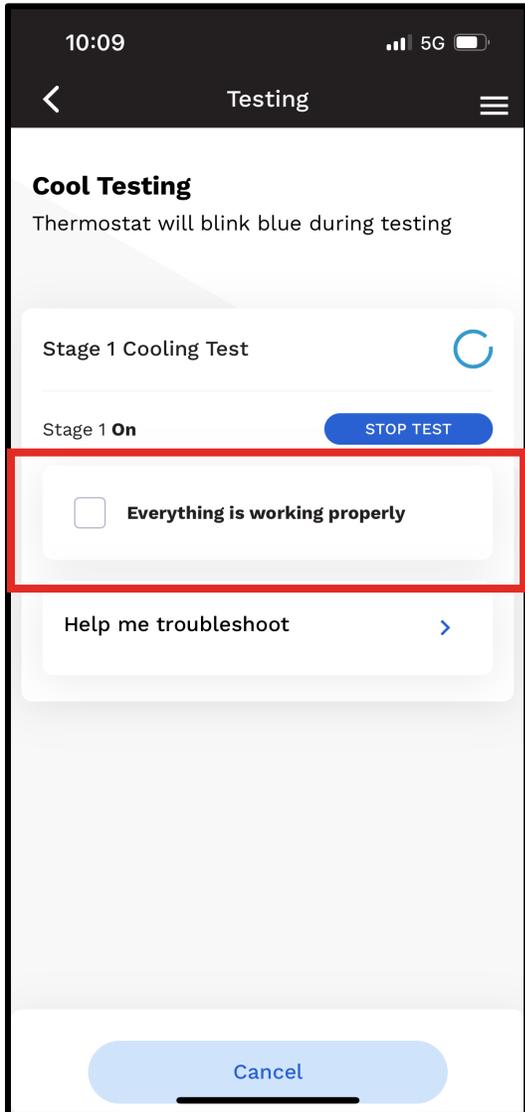
\*if Troubleshooting is needed/ does not blink blue or unit not functioning as it should



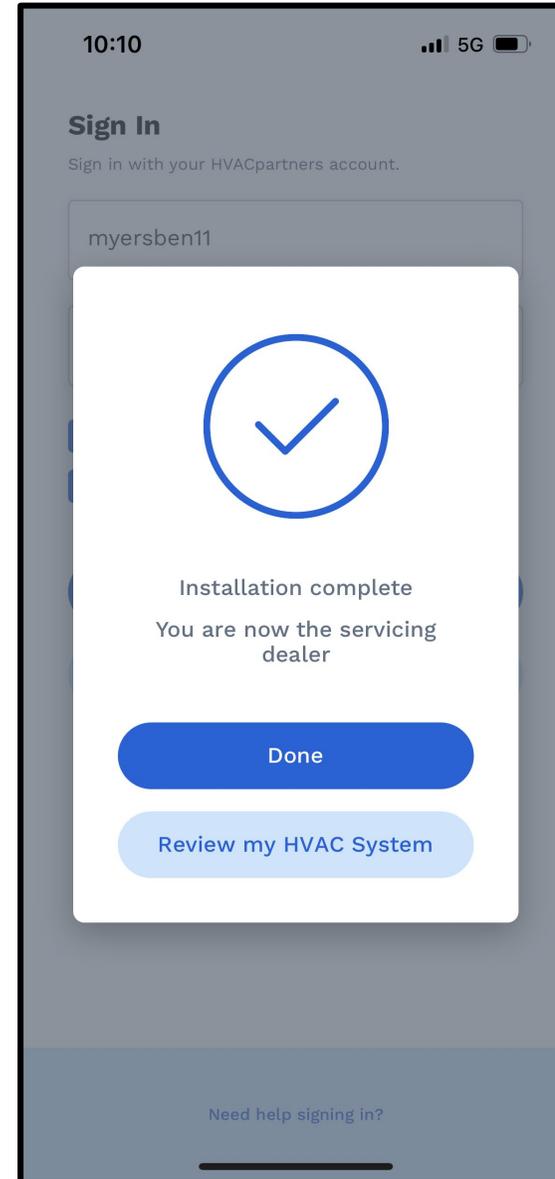
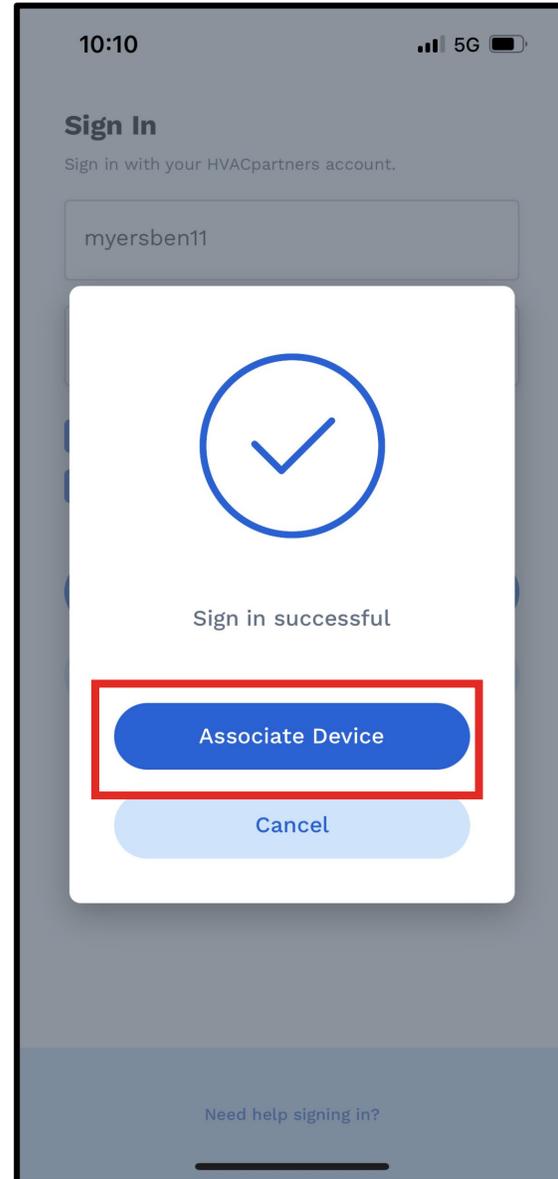
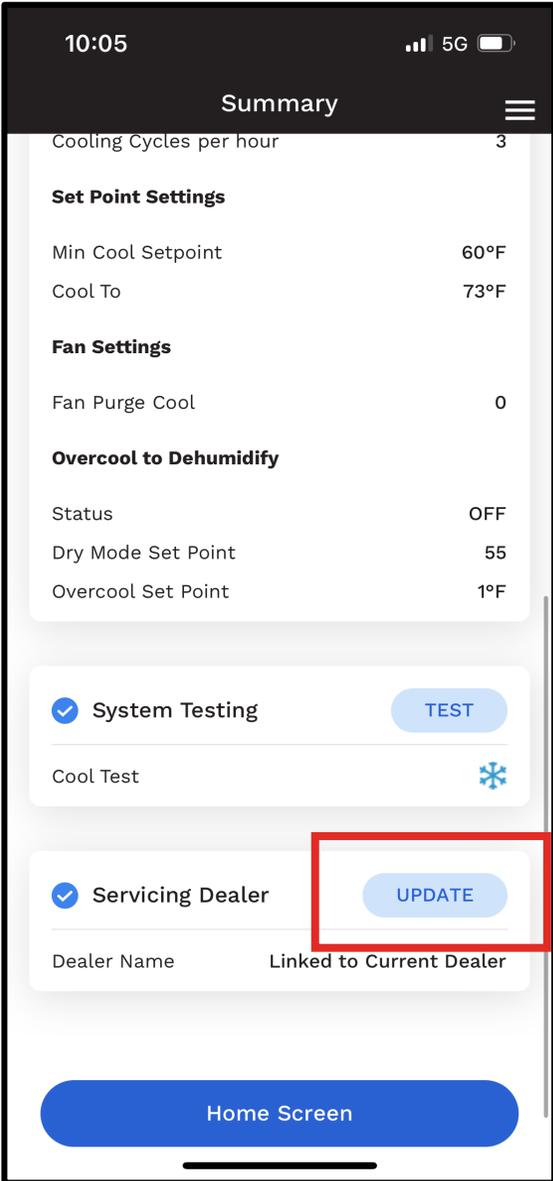
# SERVICE TESTING



\*if cooling worked as expected:



# SERVICE TESTING



4:16 📶 🔋

Summary ☰

### Thermostat Summary

System Configuration [EDIT](#)

Heat Source None  
Cool Source AC

System Settings [EDIT](#)

#### System Configuration

System Type AC System  
Subsystem Type 0 Heat 1 Cool  
Accessory Output None  
Fan Control Furnace

#### Stage Settings

C Delta Stage 1 1°F

#### Cycles Settings

Cooling Cycles per hour 3

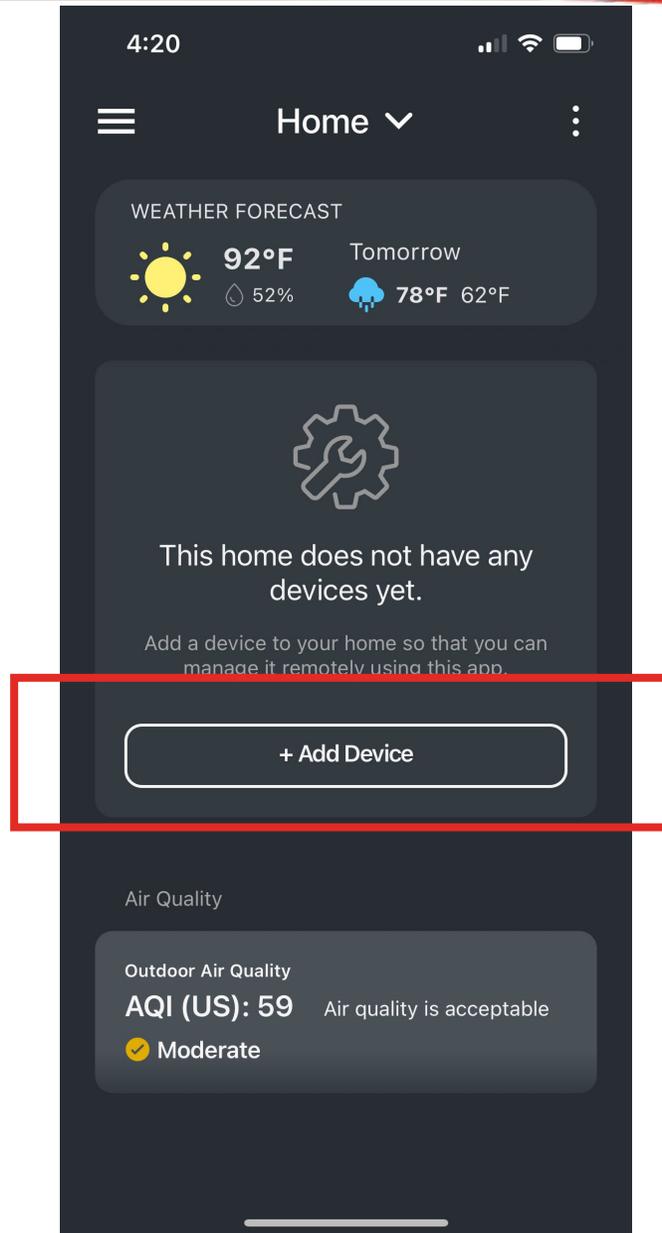
#### Set Point Settings

Min Cool Setpoint 60°F  
Cool To 71°F

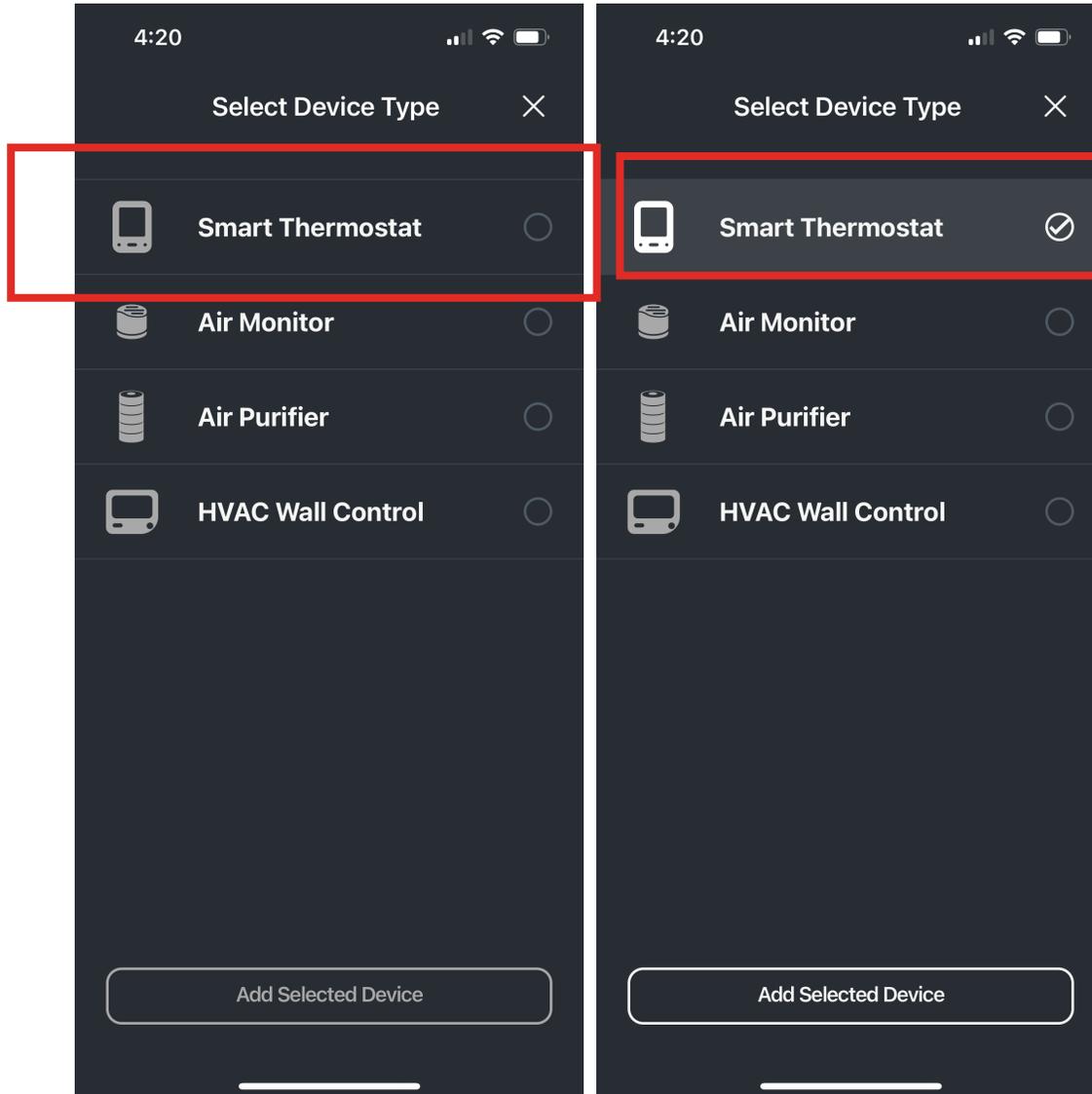


**Homeowner Use**  
**1-Connecting to Wi-Fi**  
**2-Connecting to App**

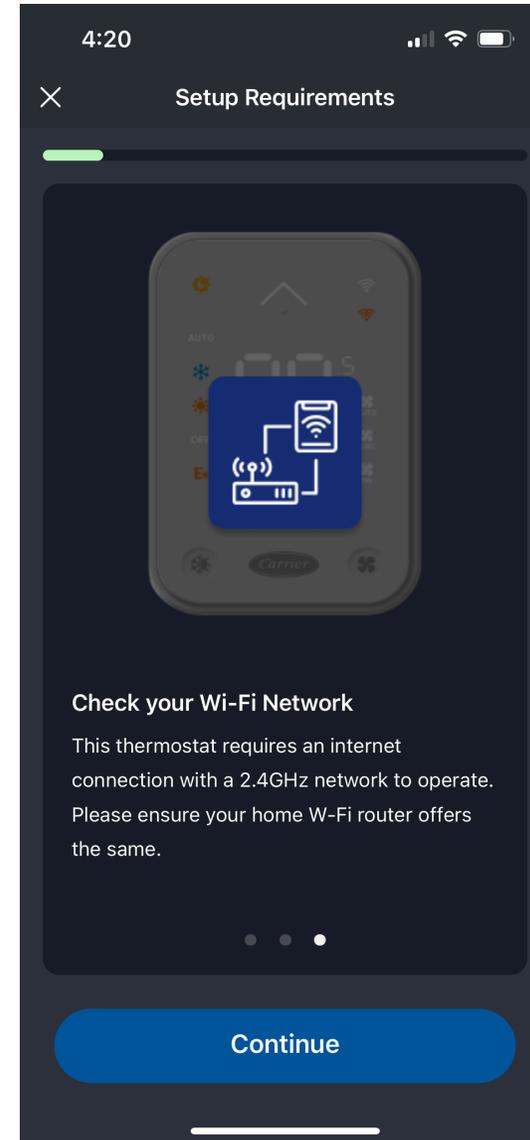
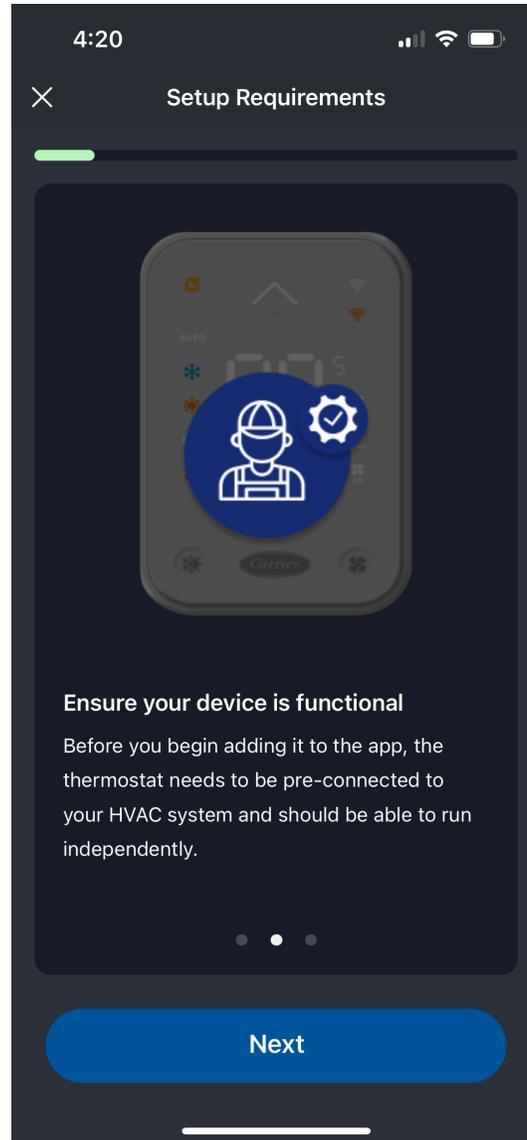
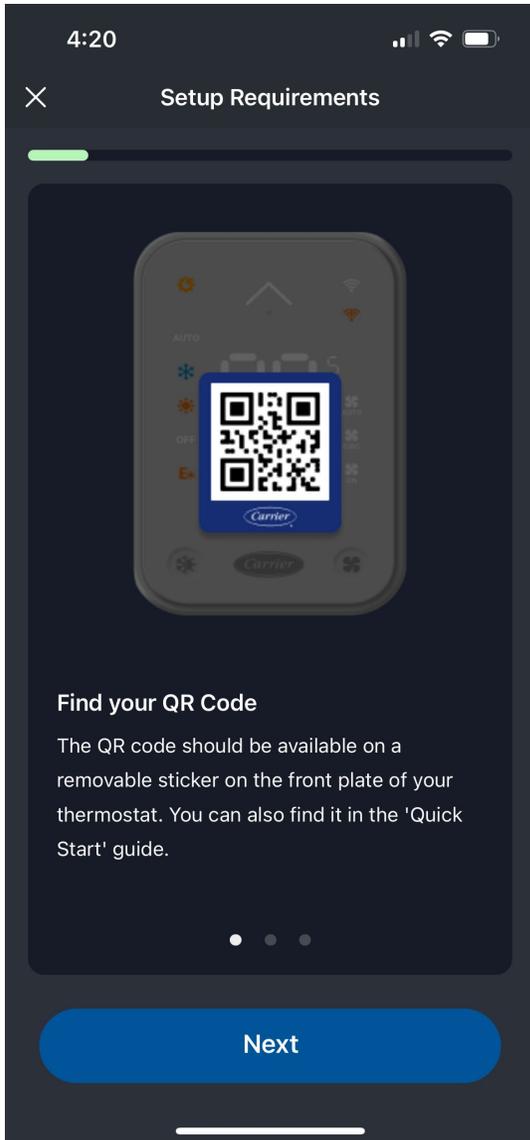
# HOME APP- ADDING DEVICE



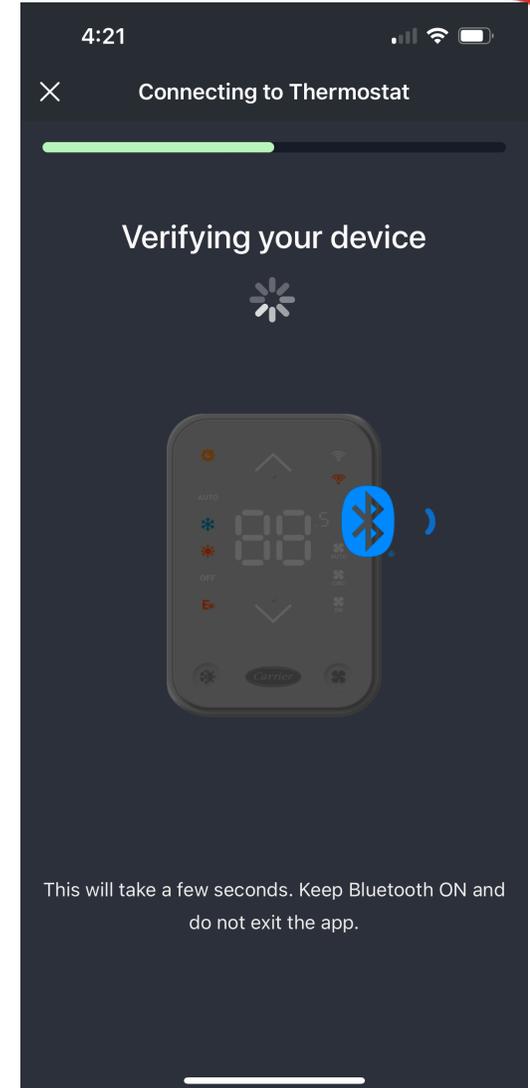
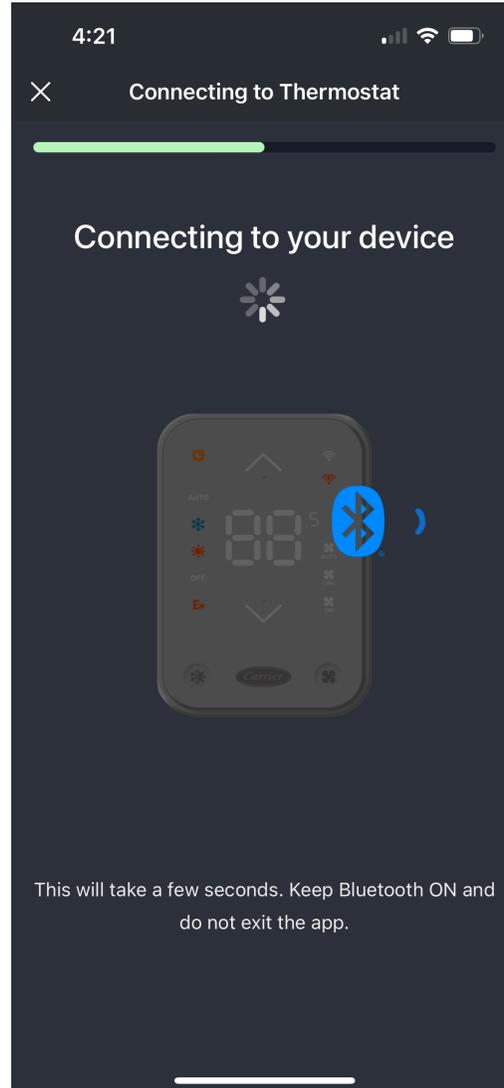
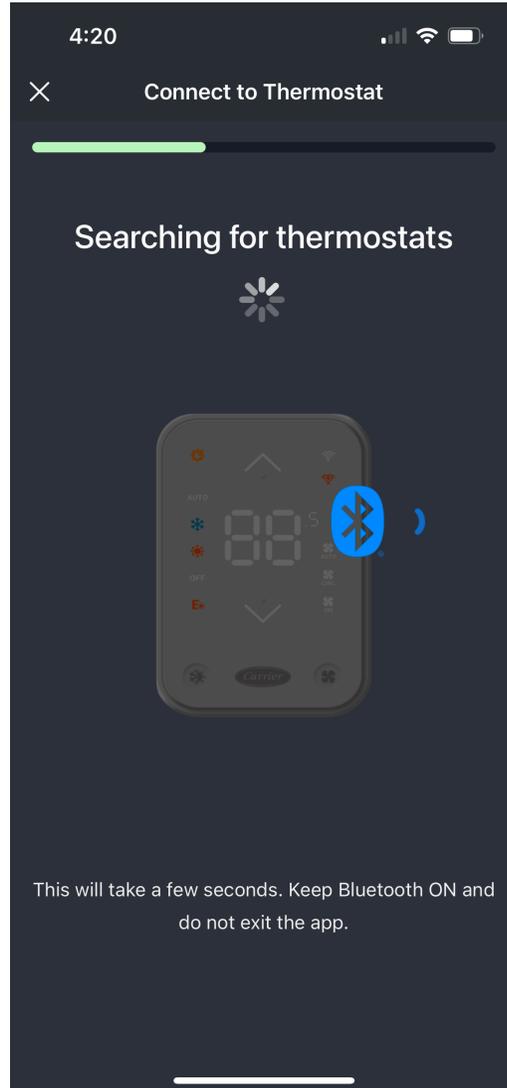
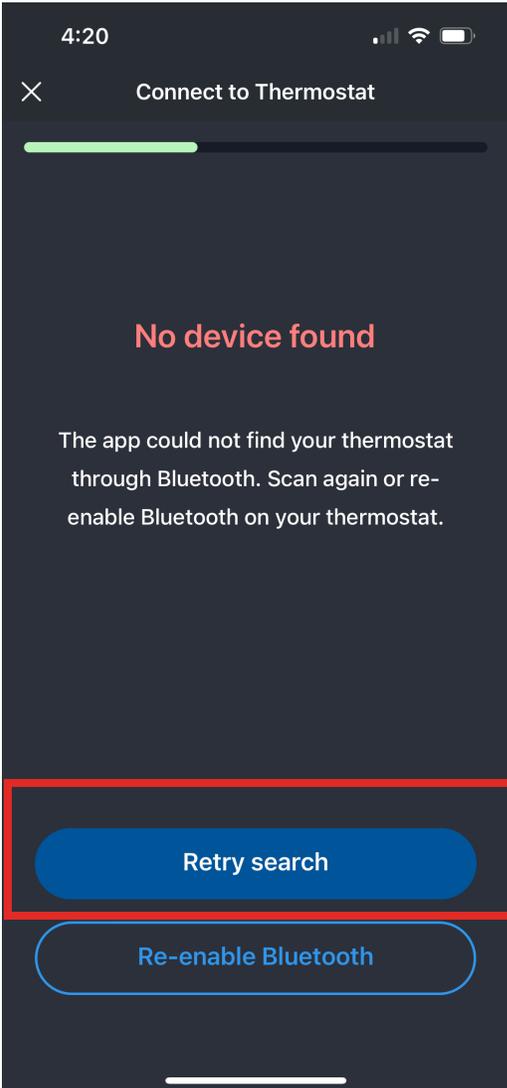
# HOME APP- ADDING DEVICE



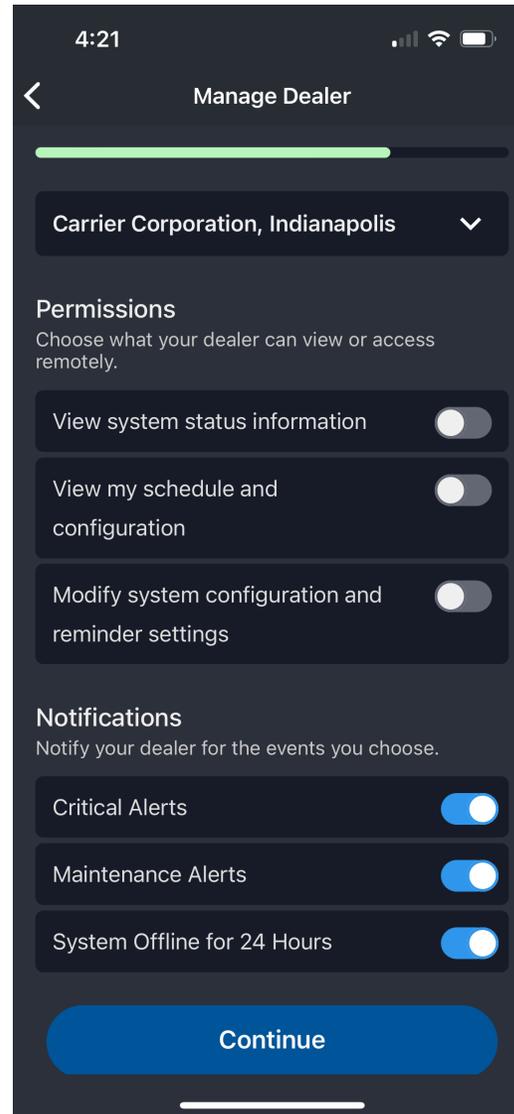
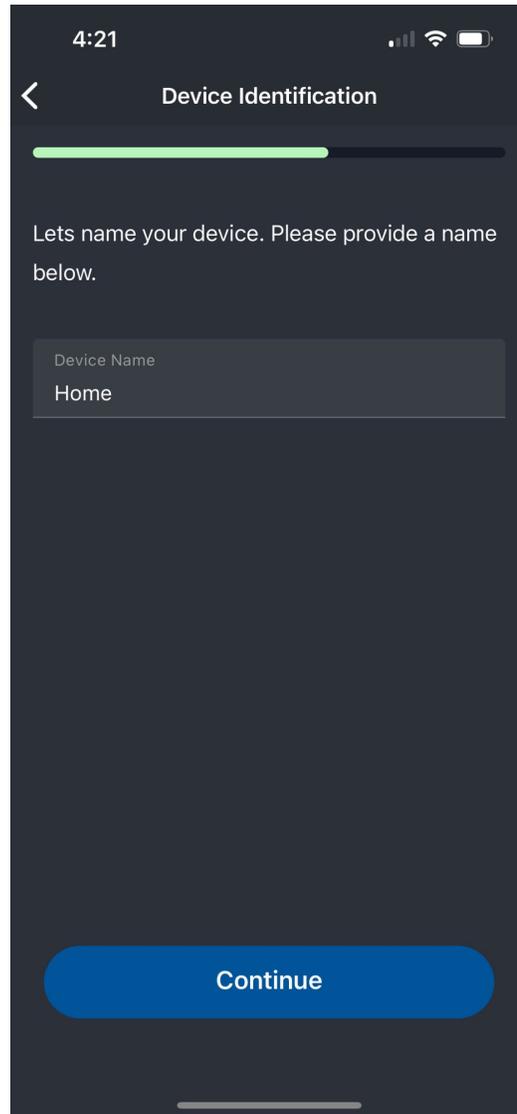
# HOME APP- ADDING DEVICE

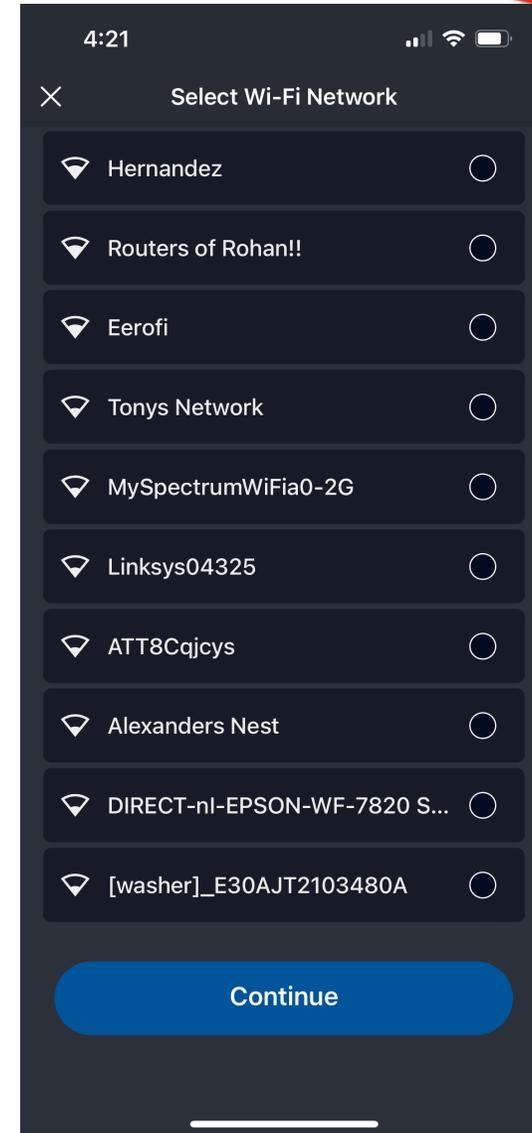
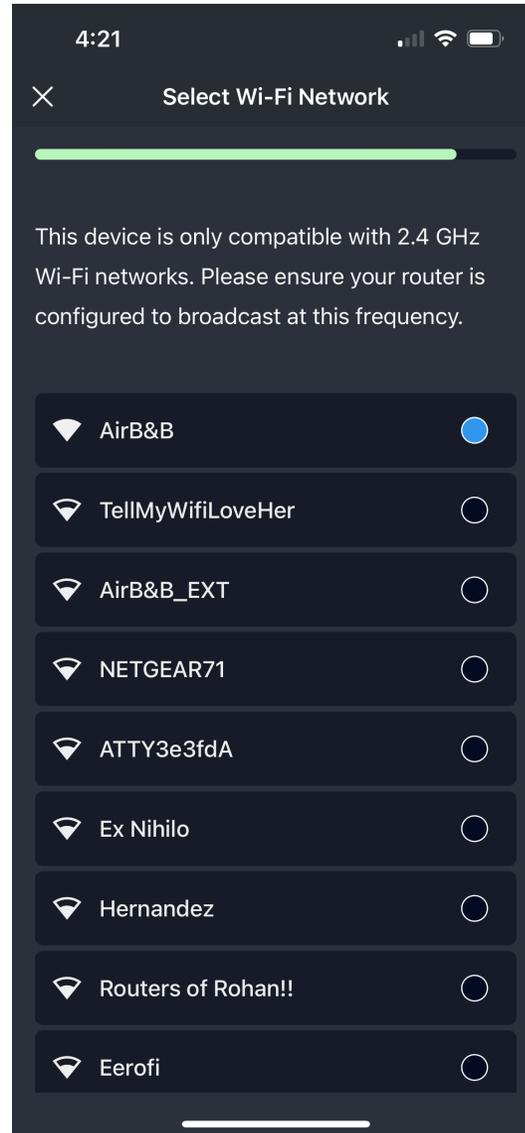
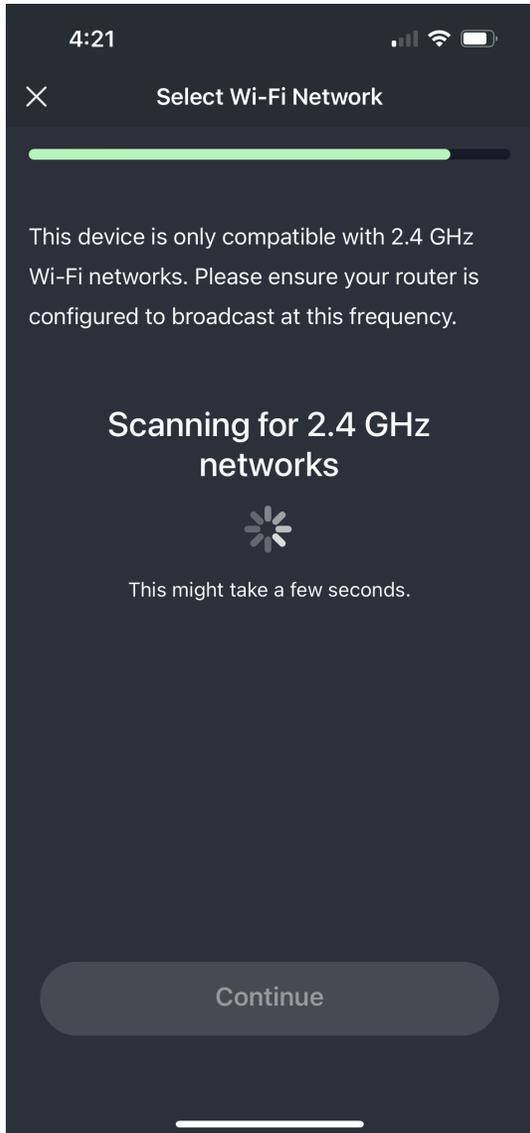


# HOME APP- ADDING DEVICE

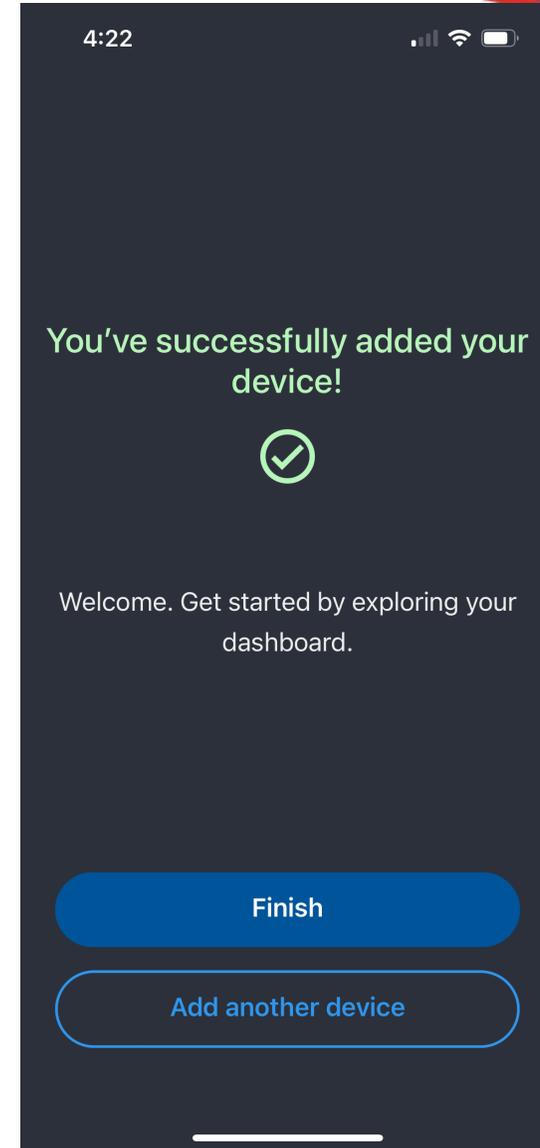
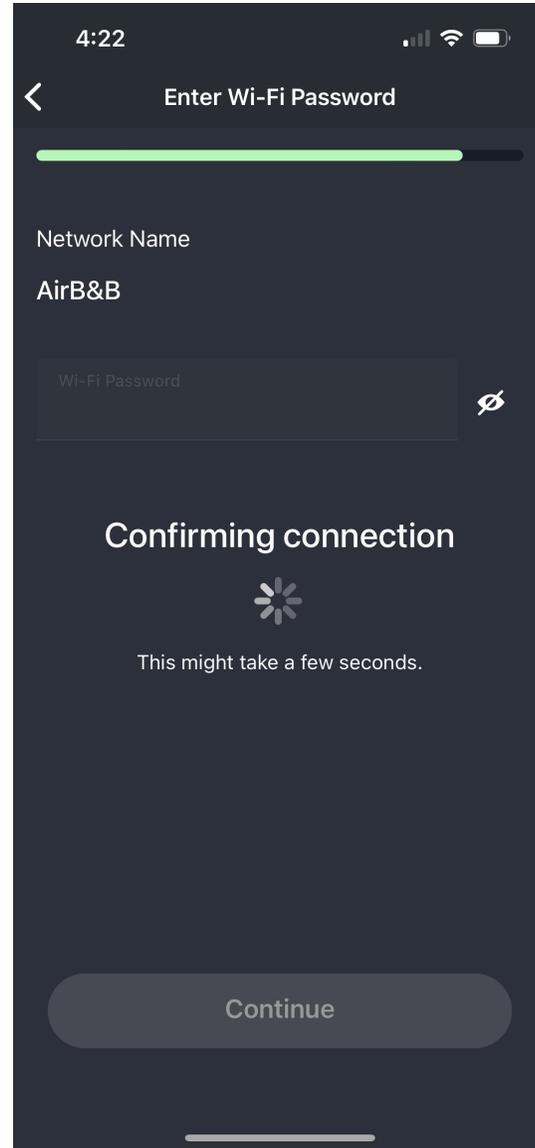
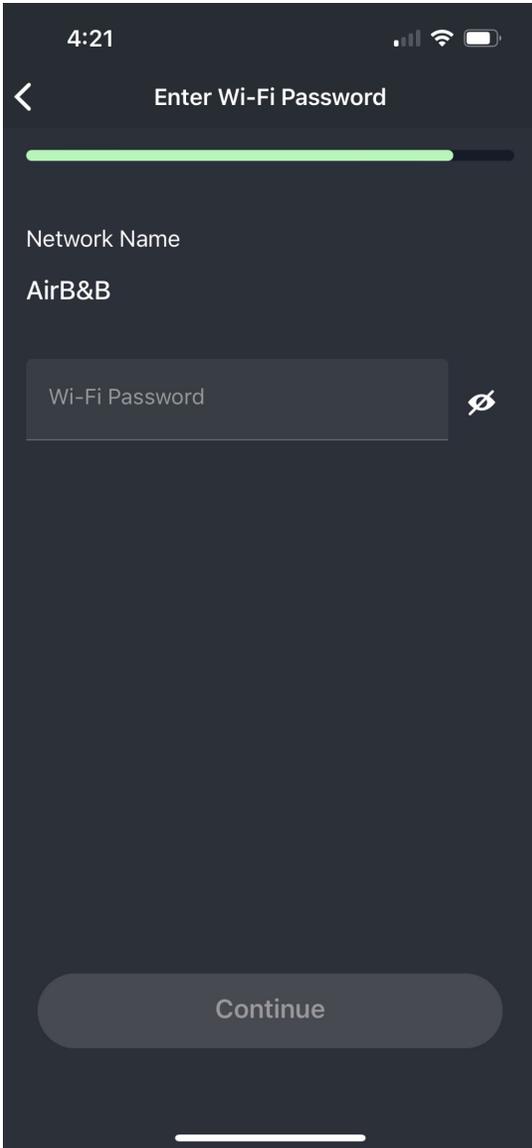


# HOME APP- ADDING DEVICE

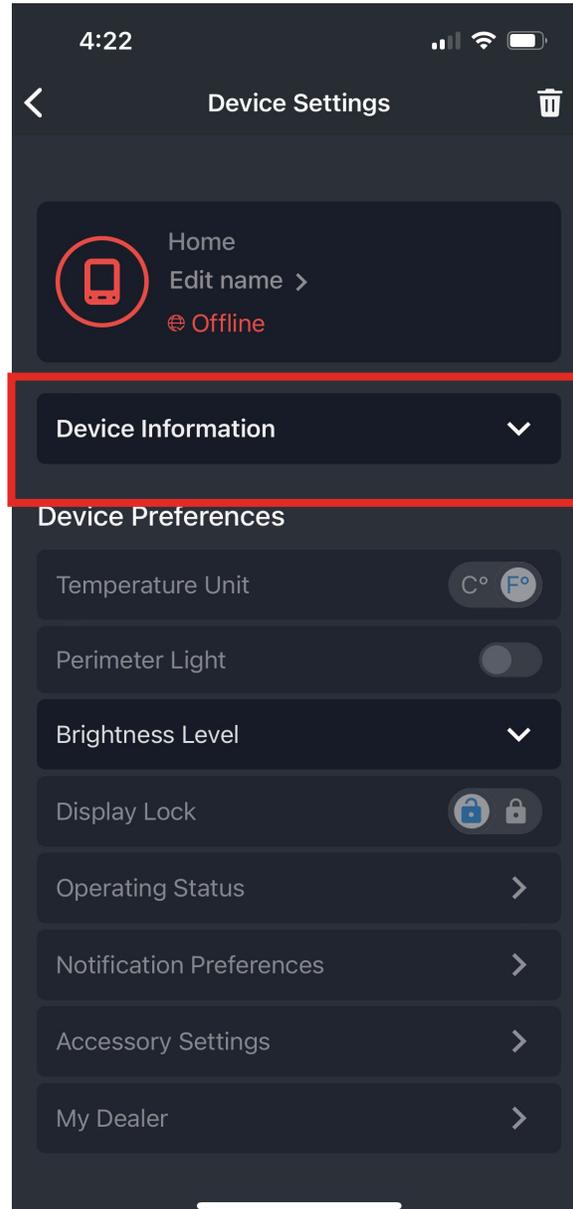
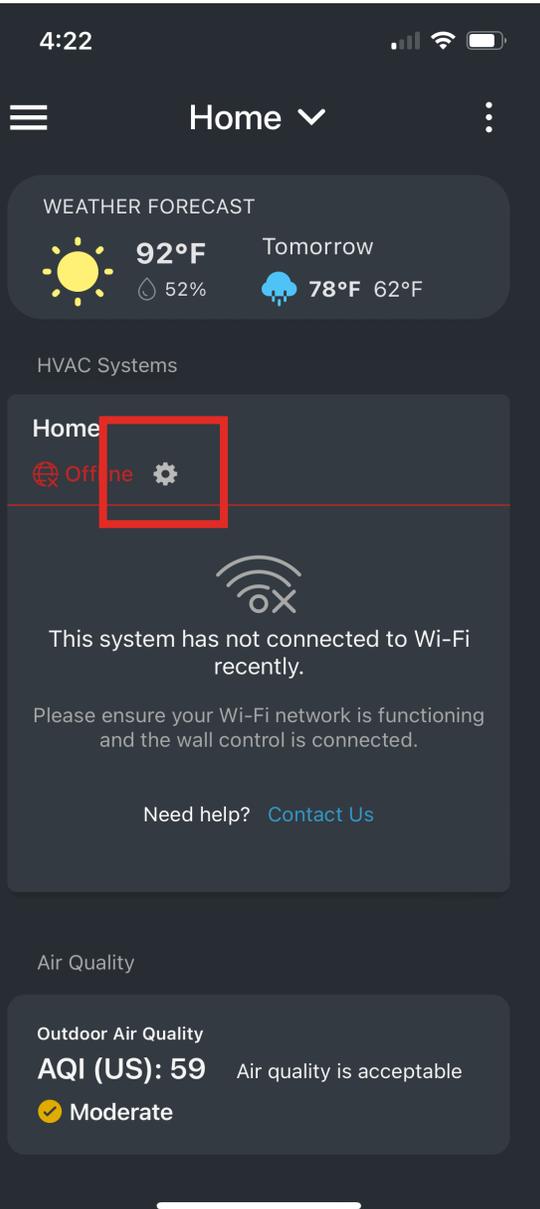




# HOME APP- WI-FI

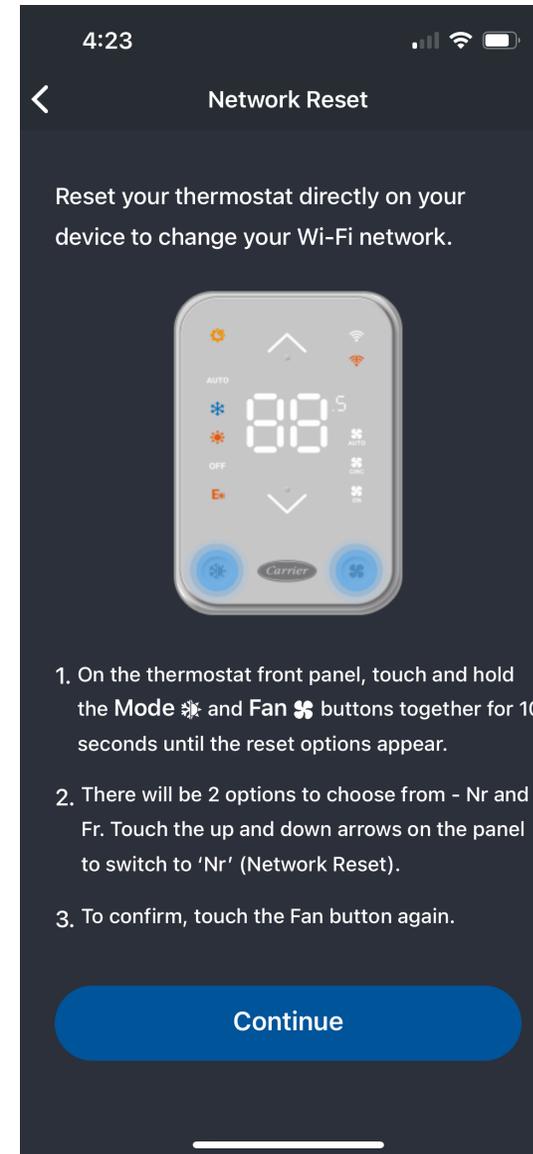
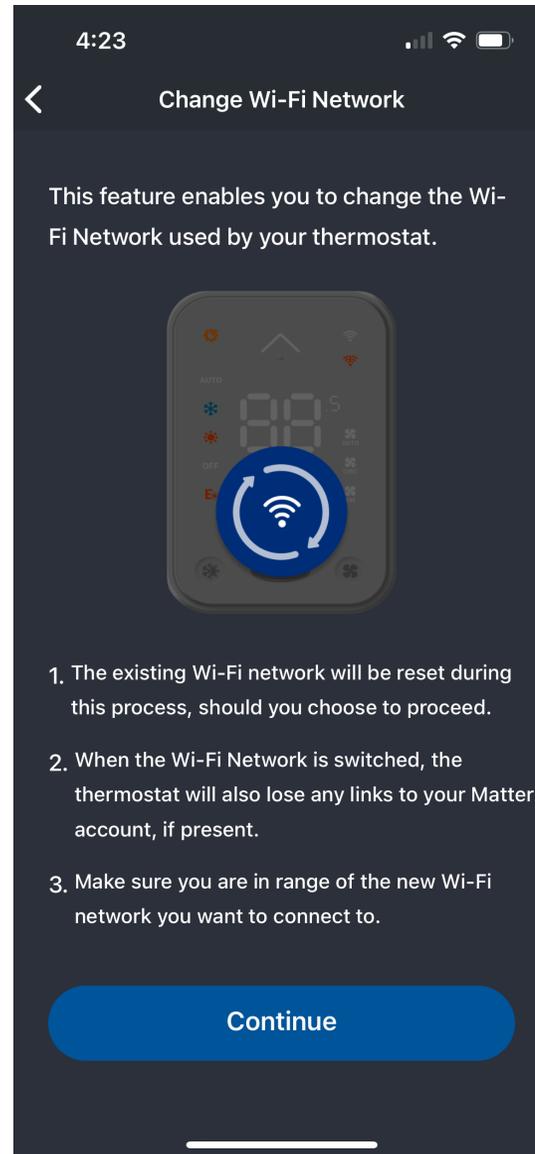
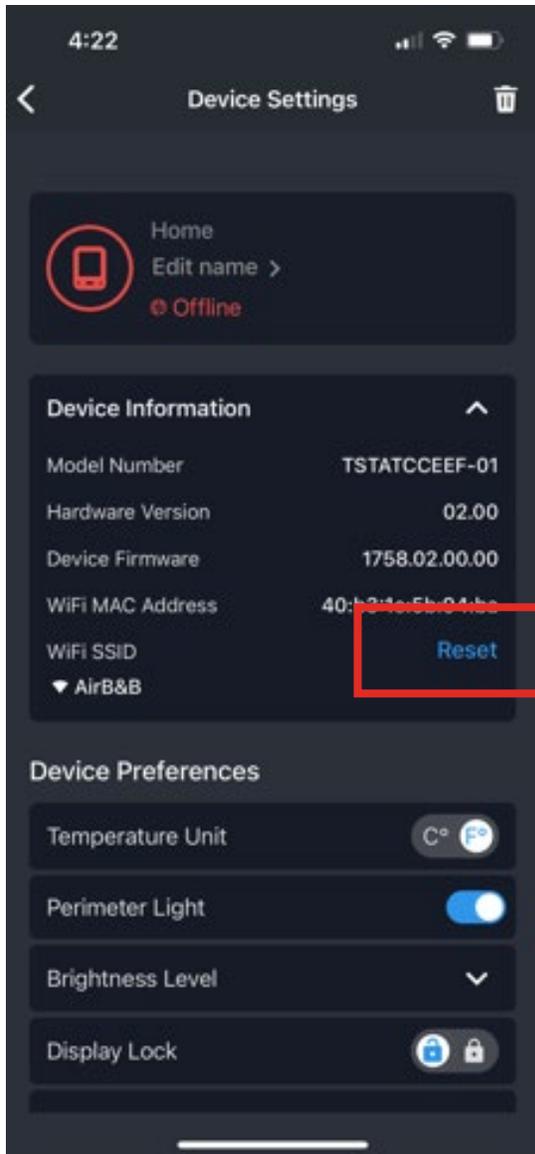


# HOME APP



- Give it a couple minutes
- If device does not appear online, try closing the app and opening it again
- If device is still not online, try performing a network reset

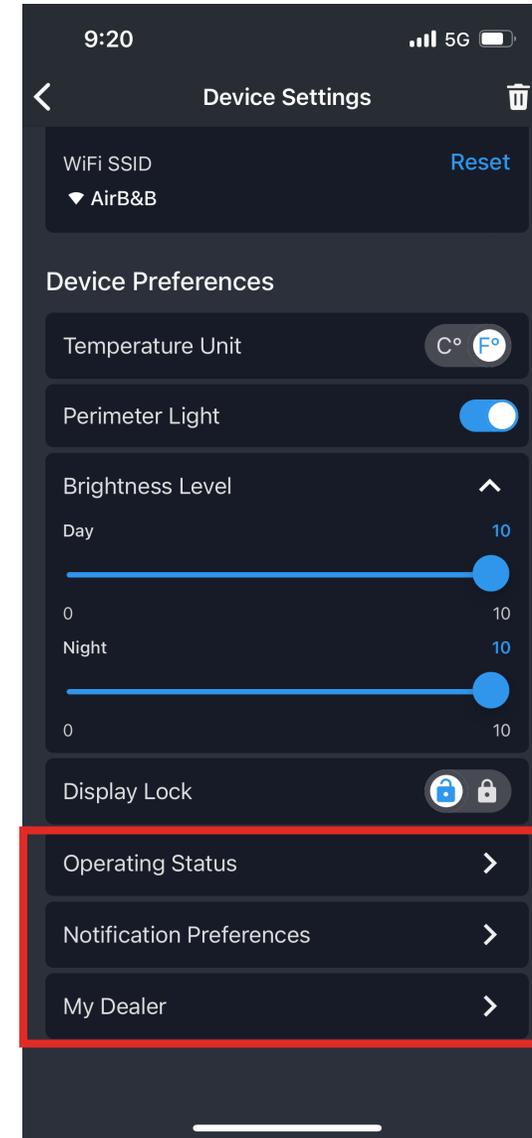
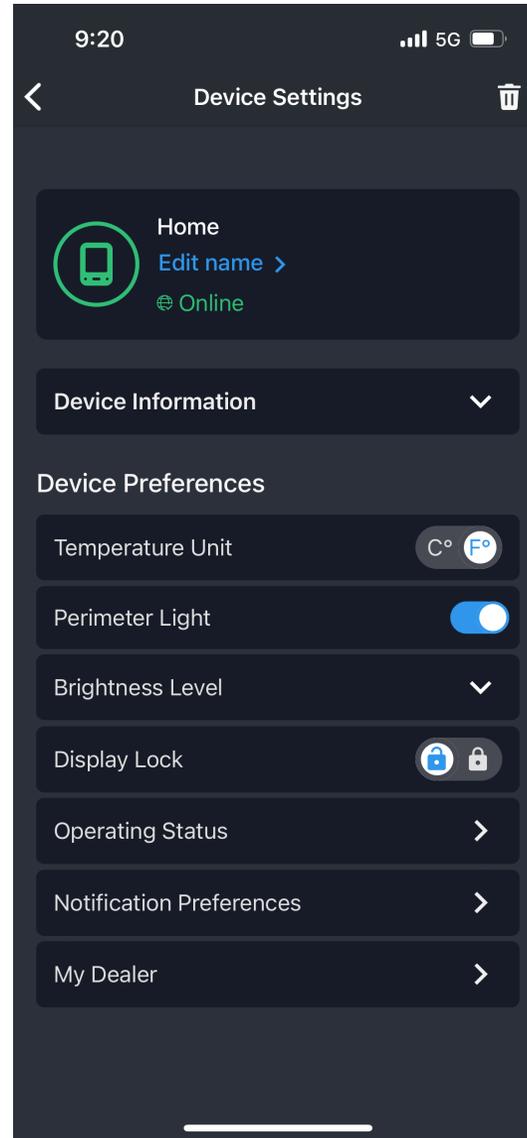
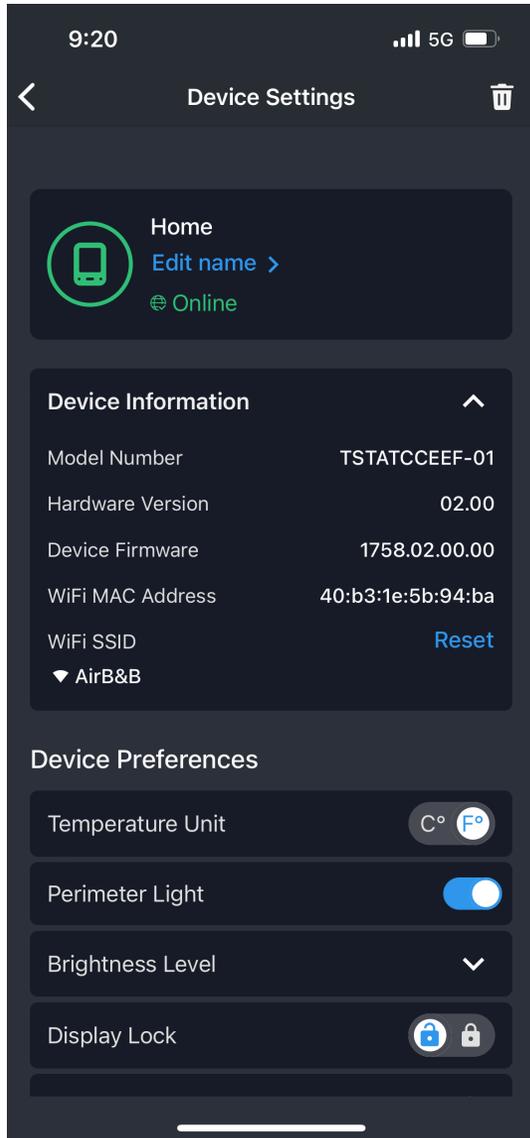
# HOME APP- NOT CONNECTING- WI-FI RESET



# HOME APP- CONNECTION SUCCESSFUL

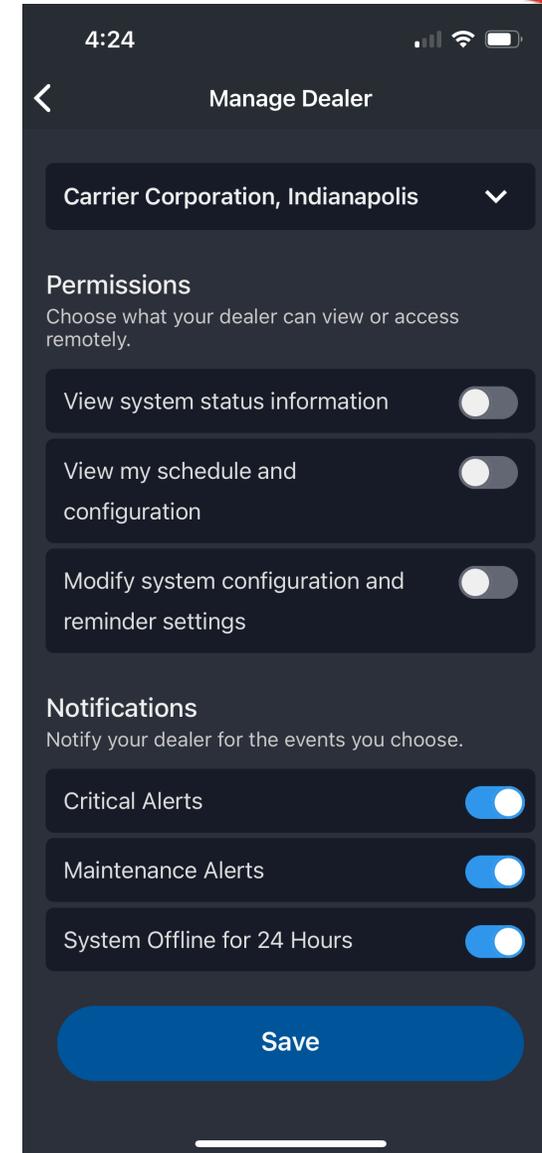
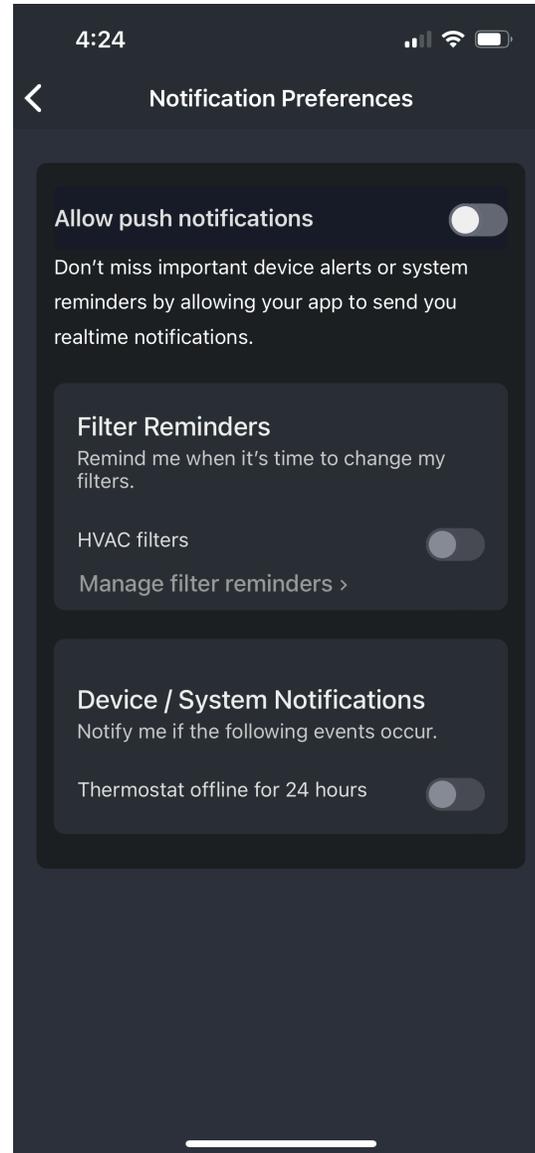
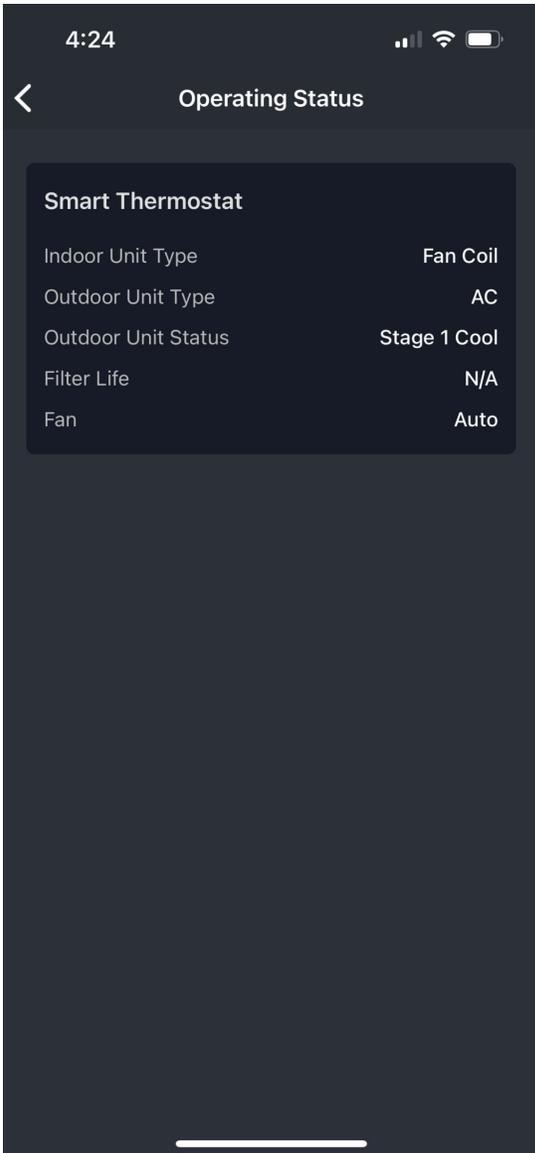


Customize Halo and screen brightness here:



Alerts, reminders:

# HOME APP- ALERTS, REMINDERS





***THANK YOU***