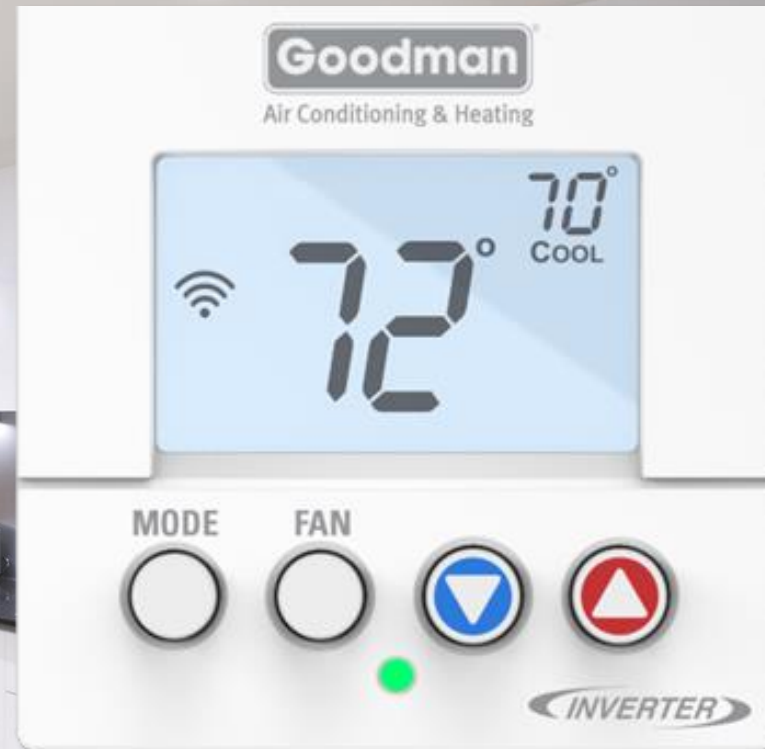




Air Conditioning & Heating



Goodman GTST Connected Thermostat Cloud Commissioning & Quality Install

Disclaimers

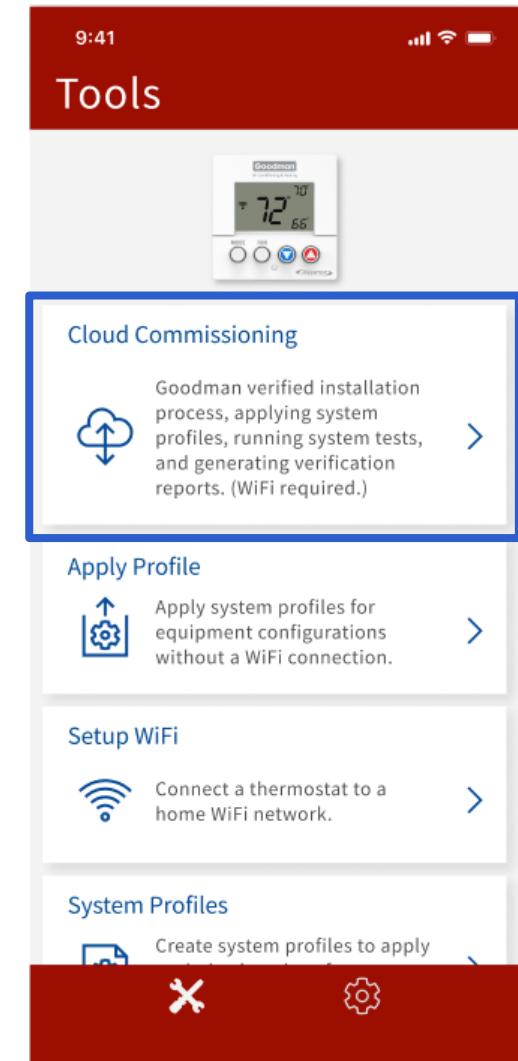
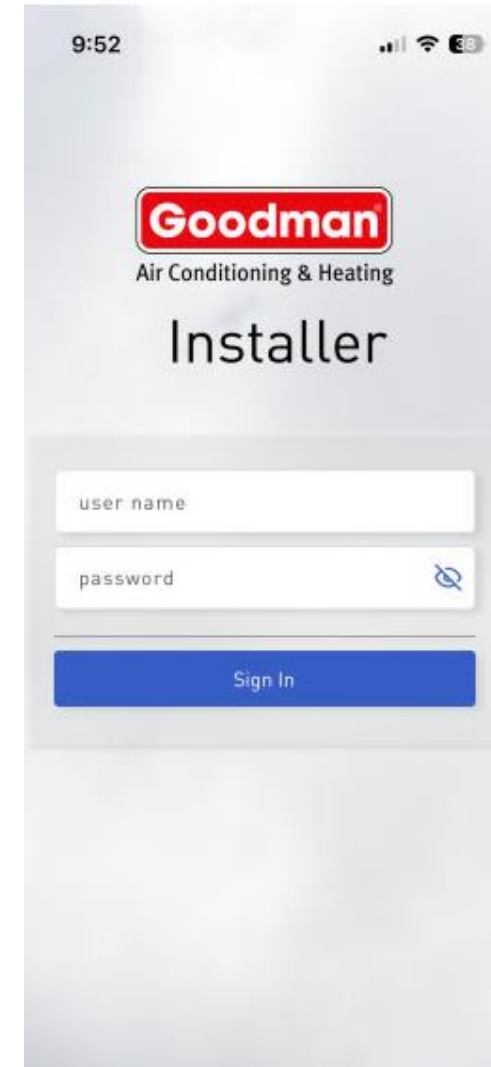
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Cloud Commissioning (Wi-Fi)



- Download the Goodman Installer app. from your respective app. store.
- You do not need to create an account to log in
 - User ID and password (case sensitive):
 - User = Goodman
 - Password = Dealer
- System profiles enable the technician to modify settings from the app. and upload those settings to the thermostat.



Create A Job Based On Location

- Every job needs the location details.
- Click on the “+” sign to add location details and continue.
 - The user can use their GPS location to automatically fill in the address.



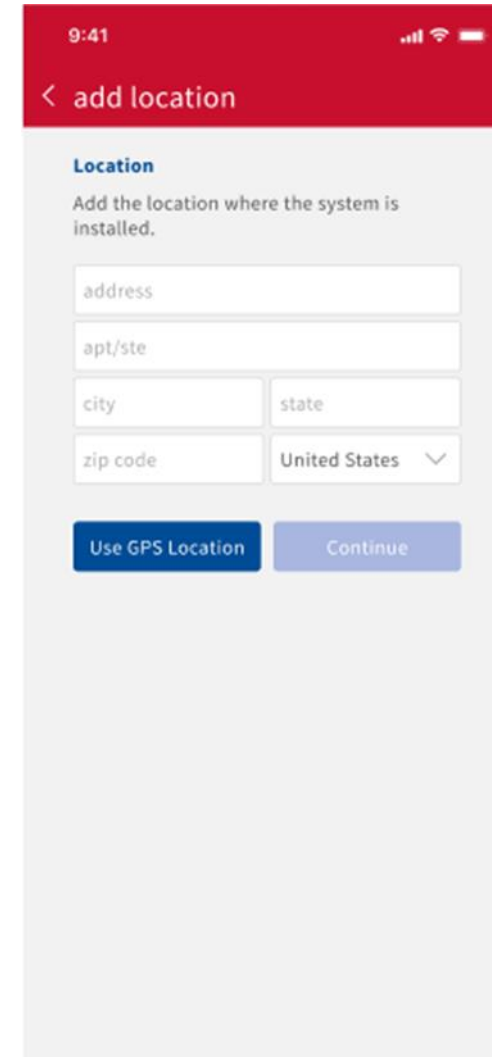
9:41

< job list

My jobs

Jobs are used to track cloud commissioning of one or multiple thermostats at a single location.

Click the "+" in the top right corner to start a new job.



9:41

< add location

Location

Add the location where the system is installed.

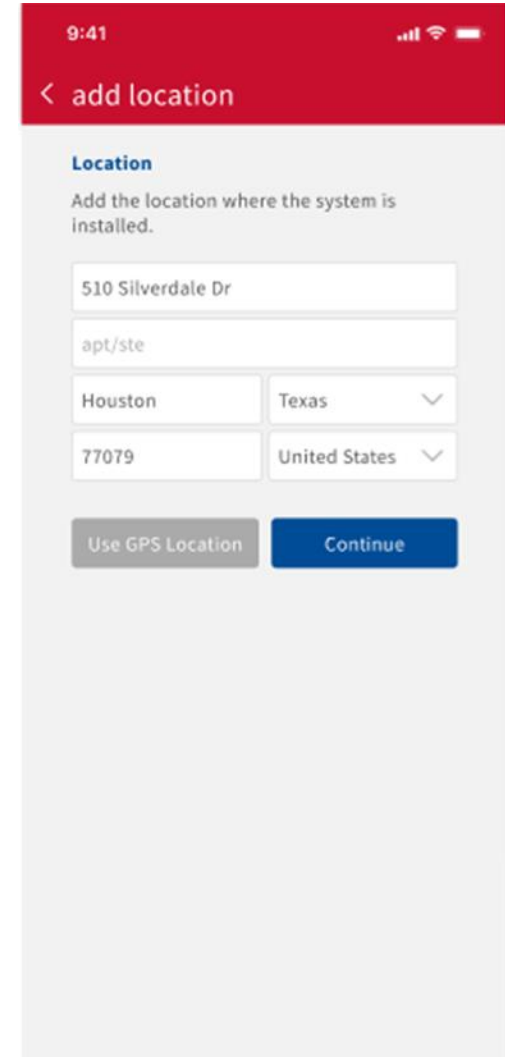
address

apt/ste

city state

zip code United States

Use GPS Location Continue



9:41

< add location

Location

Add the location where the system is installed.

510 Silverdale Dr

apt/ste

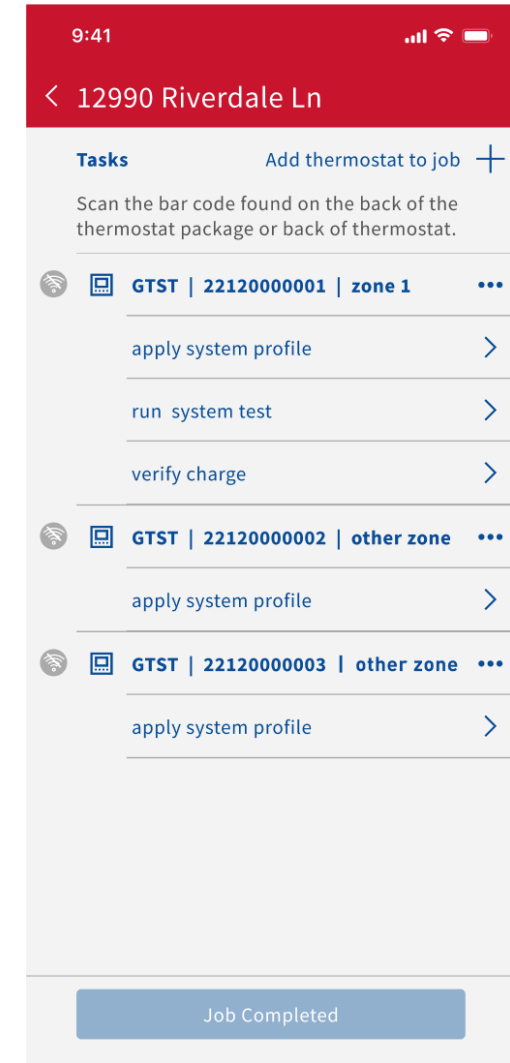
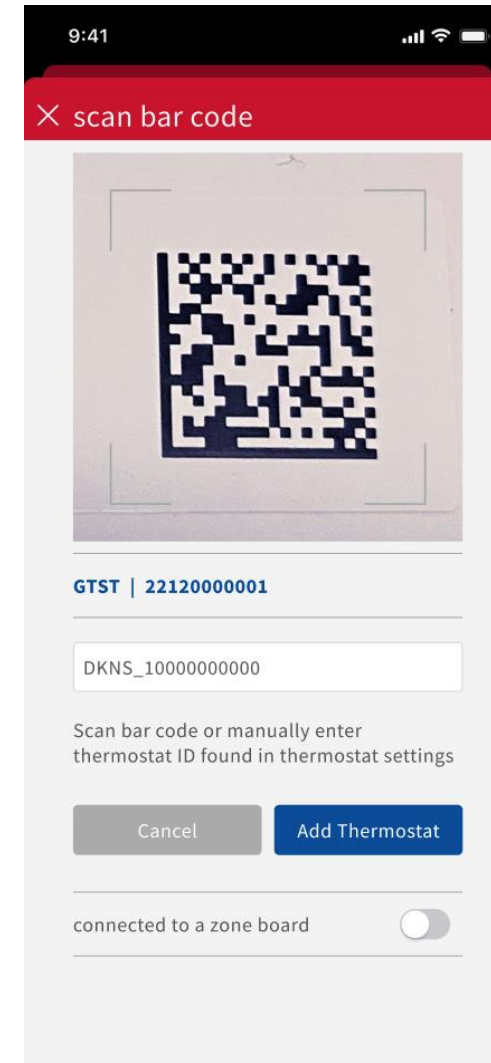
Houston Texas

77079 United States

Use GPS Location Continue

Add Thermostat To Job And Configure For Zoning If Needed

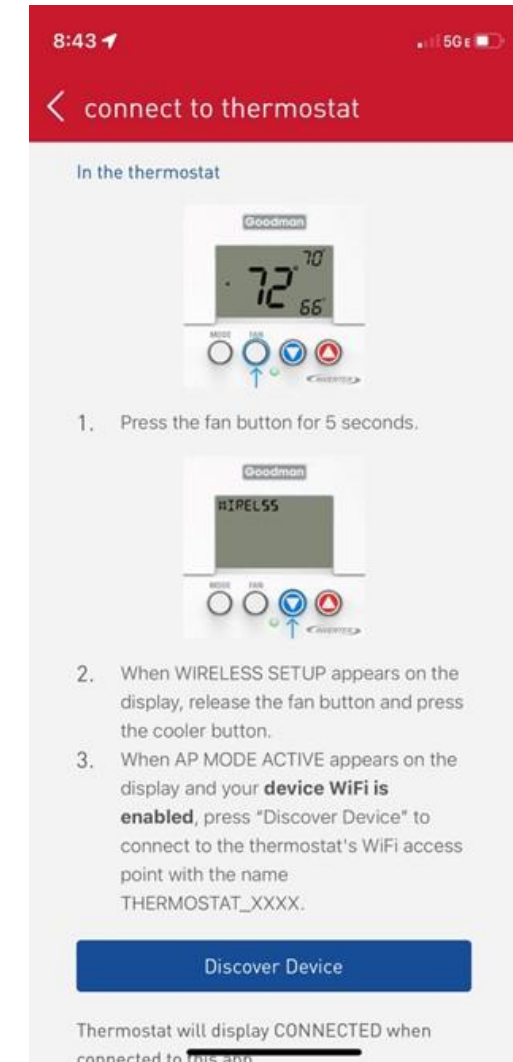
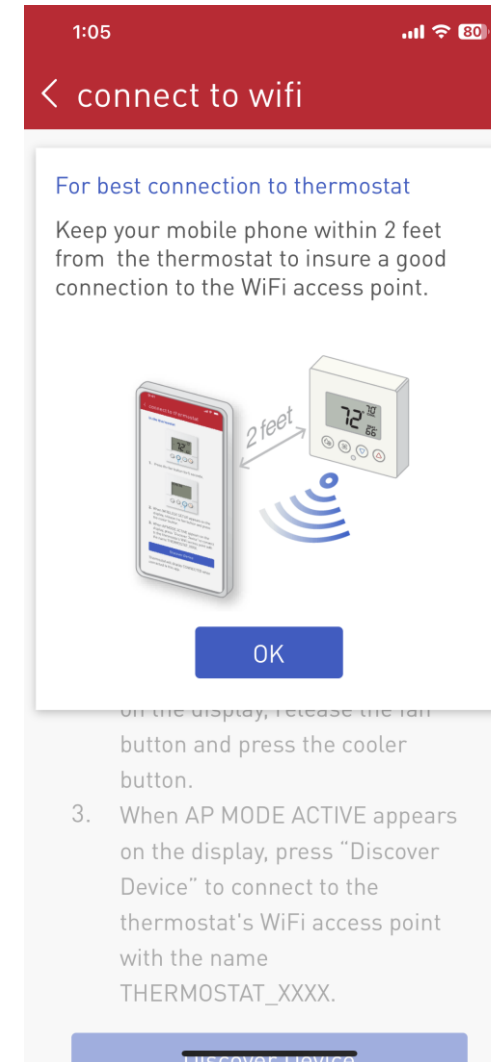
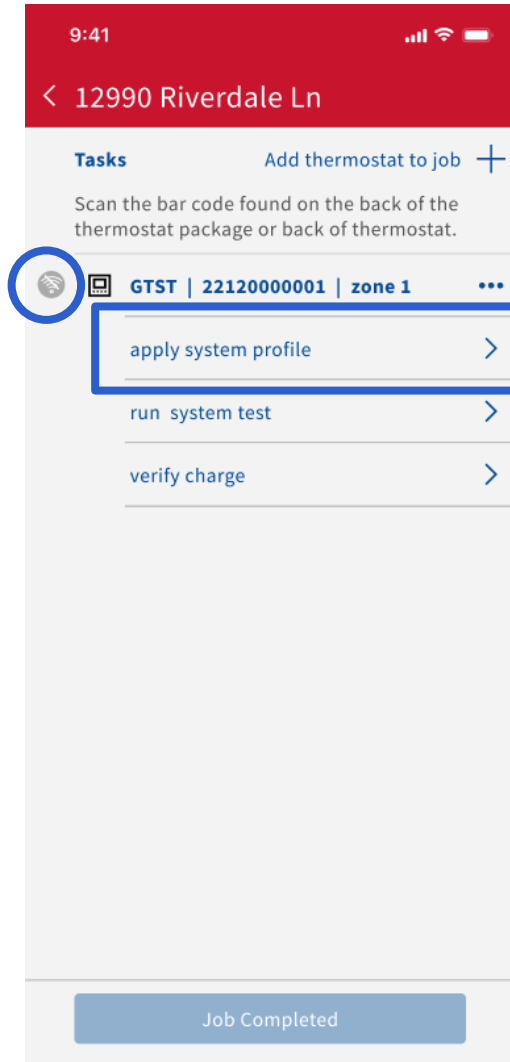
- Add thermostat by tapping on + in top right corner then scanning the 2D bar code or entering thermostat DKNS # manually.
 - The 2D bar code is found on the terminal subbase.
 - DKN # is found by navigating through the thermostat menus.
- Zone board configuration can be seen by sliding the toggle button to the right.
 - If a thermostat is connected to a zone board and not zone one, then equipment info will not be available.



Connect To The Thermostat Using AP Mode



- On selection of any task, internet connection will need to be verified before the user can continue setup.
 - If the Wi-Fi icon is grey, the system is not connected to Wi-Fi.
- To connect to Wi-Fi, first click on “apply system profile”
- On the thermostat, press and hold the fan button for 5 seconds.
 - Release the fan button and press the down button to continue.
 - Approximately 10 seconds to enter AP mode.
 - AP mode must be active before tapping discover device.
 - When connecting to the thermostat's access point, the mobile device **MUST** be within two feet.



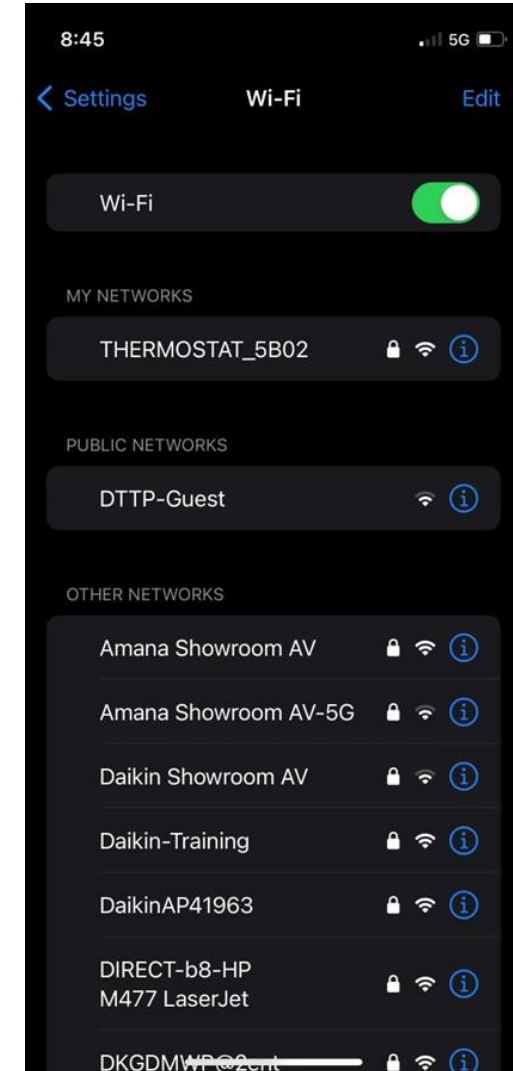
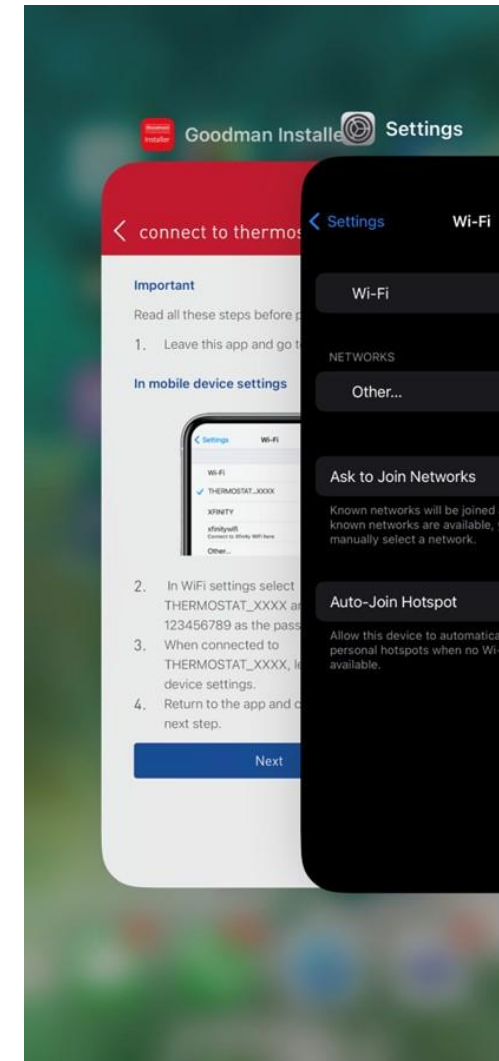
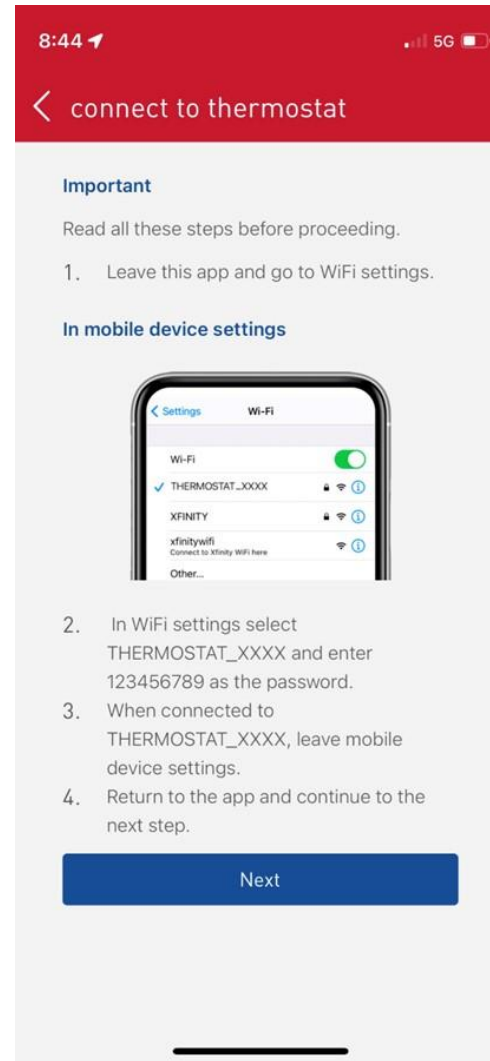
Connect To The Thermostat Using AP Mode

- The user will be prompted to open the mobile device's Wi-Fi settings and connect to the thermostat Wi-Fi.

- Password: 123456789

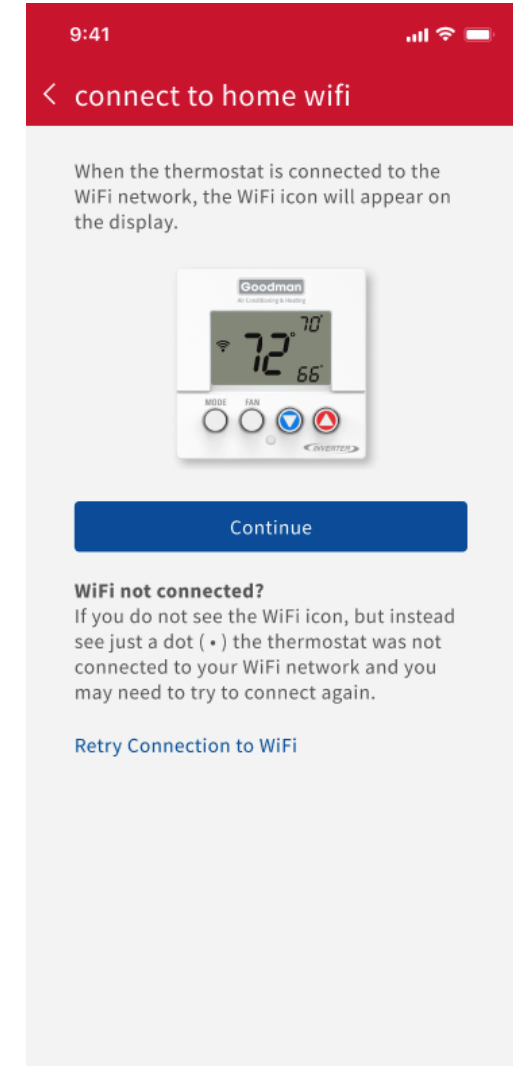
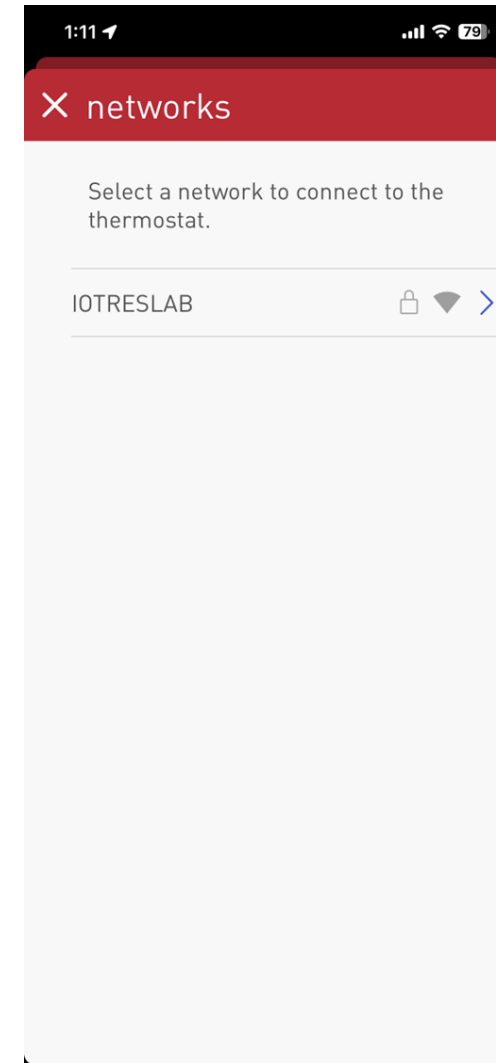
NOTE: The Goodman installer app. must remain open while accessing the mobile device's Wi-Fi settings.

- A message will appear at the top of the thermostat's UI informing the user that their mobile device is connected to the access point.





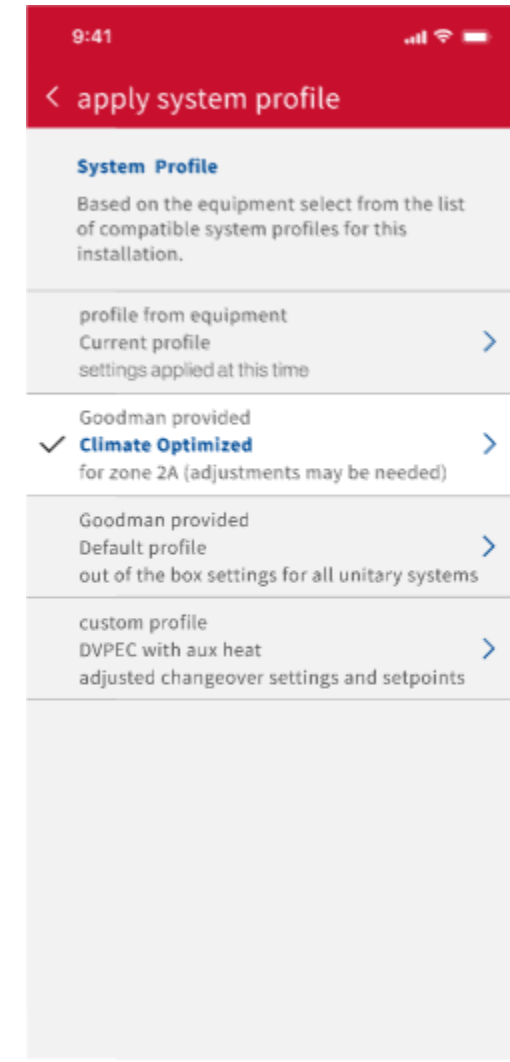
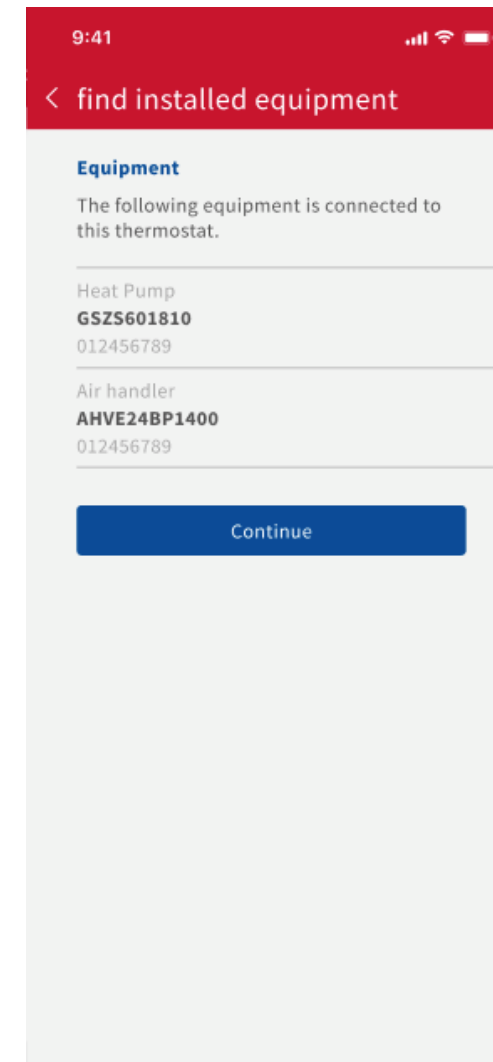
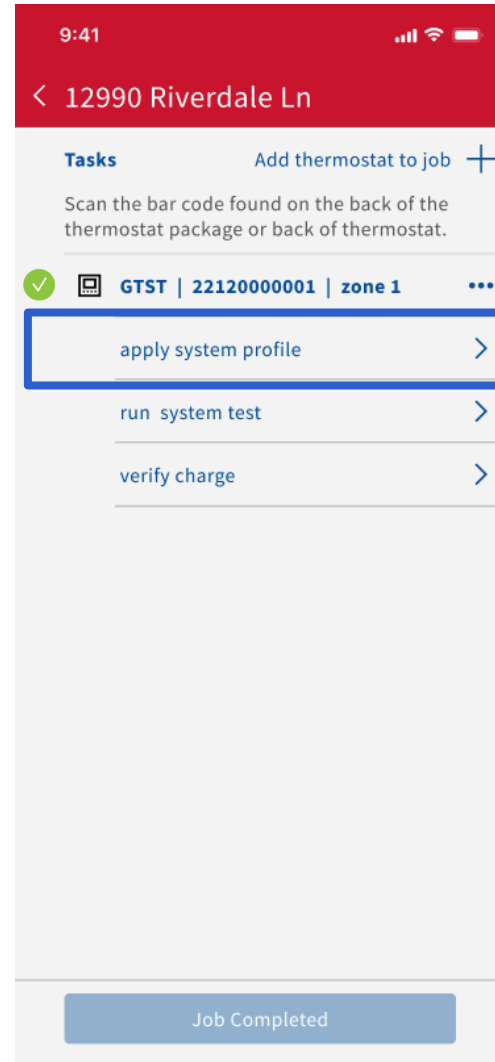
Connect To Home Wi-Fi

- Once connected to the thermostat, following the “Cloud Commissioning” process, the user can connect to a local Wi-Fi network and no longer need to maintain a 2ft. distance from the controller.
 - Must be password protected.



Apply System Profile

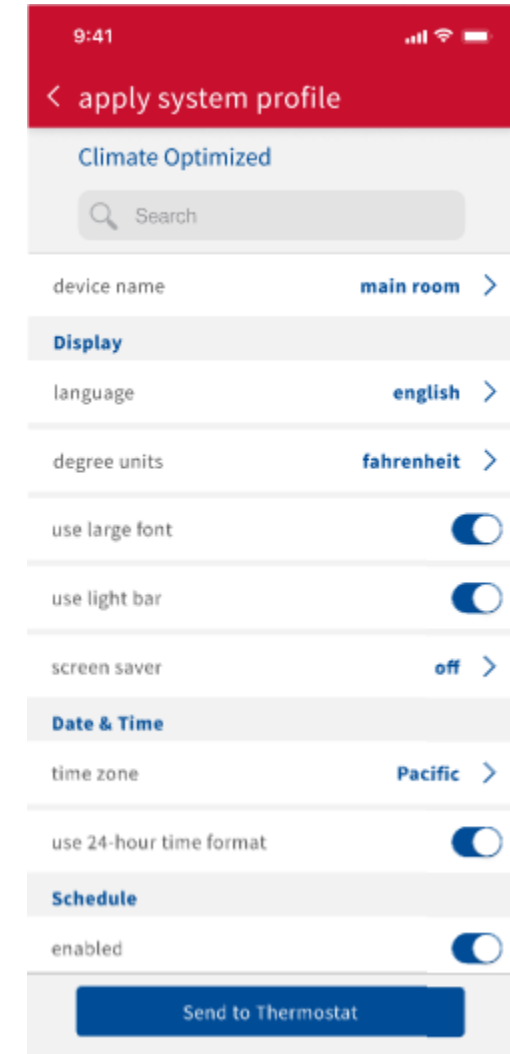
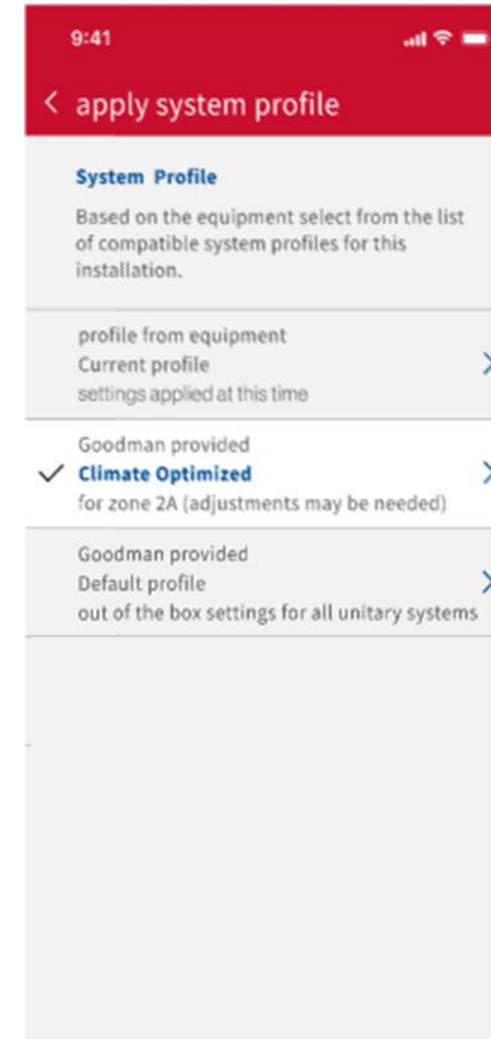
- A list of the connected equipment will be populated once connected to Wi-Fi.
 - Verify equipment, then continue to view thermostat profile options.
 - Once connected to Wi-Fi, the green  icon will be displayed. If access is expired, then the user will see the no access icon .



Apply System Profile (continued)

- You can select and or modify any profile to send to the thermostat.
 - Make edits as needed, then tap “Send to Thermostat”

NOTE: Modifying the profile does not affect the default profile



Run System Test

- Running system test will prompt the user to calculate the charge before running the test.
 - Measure total line set length, then select liquid and suction line diameter before calculating required trim charge.
 - Input the actual charge weighed in.

9:41

< 510 Silverdale Dr

Tasks Add thermostat to job +

Scan the bar code found on the back of the thermostat package or back of thermostat.

✓ GTST | 22120000001

✓ profile: Climate Optimized

run system test

verify charge

Job Completed

9:41

< system test

Charge by line set length

The outdoor unit is shipped with a predetermined factory charge level.

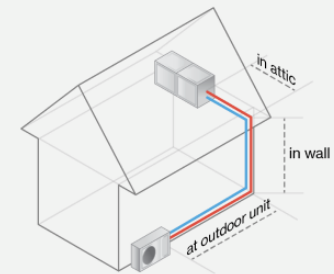
Before starting the test it is recommended to calculate the line length and diameter to get the total recommended refrigerant weight.

Calculate

Goodman cloud commissioning supports installation practices detailed in the equipment installation manual. Refer to this system's IOM for questions on proper installation.

9:41

× calculate charge



Enter the total line set length and diameter to get the recommended refrigerant weight.

total line set length:
length feet

liquid line diameter:
5/8 inches

suction line diameter:
3/4 inches

Calculate

9:41

< system test


Charge by line set length

Required trim charge 24 oz.

Add refrigerant up to recommended weight into the liquid line.

How much weight did you add?

weight oz.

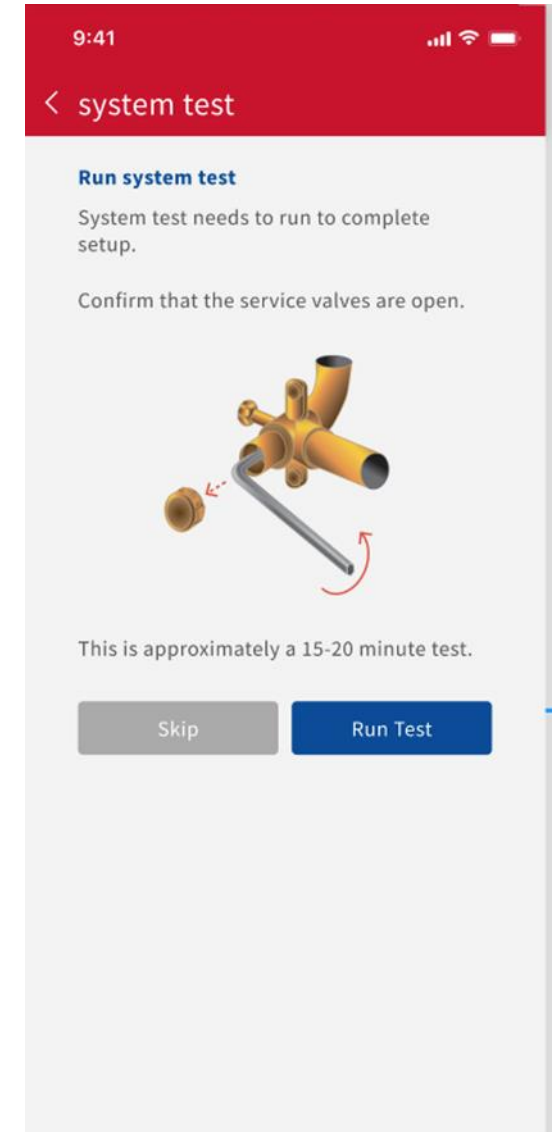


Recalculate Continue

Run System Test

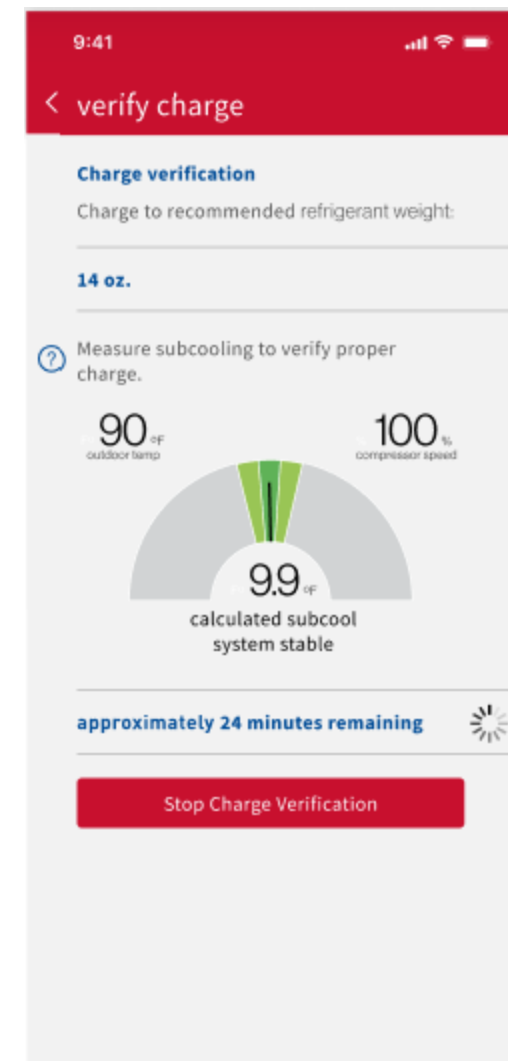
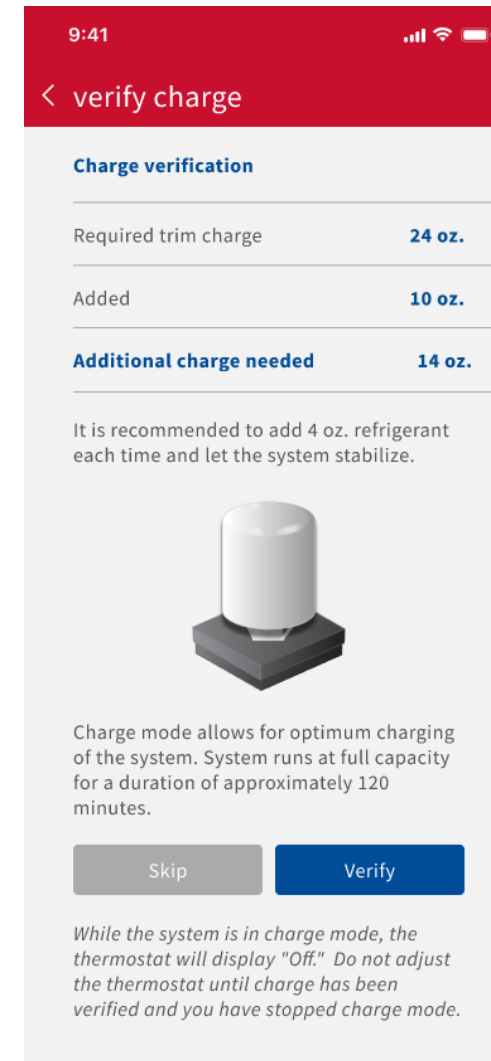
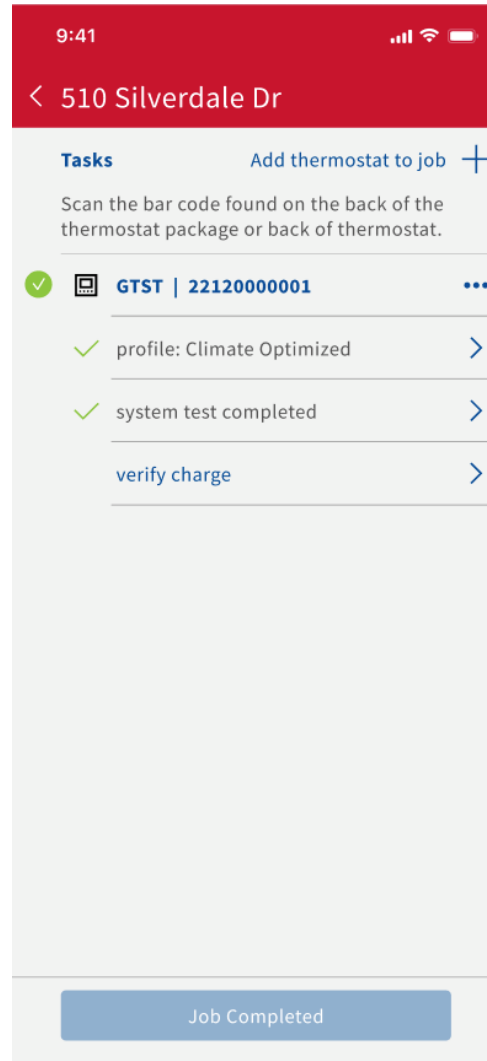


- Verify service valves are open.
 - Tap “Run Test.”
 - Users can leave the screen while the test is running and return as needed.
 - System test is required for inverter systems.
 - If the test has not been completed an error code "11" will be generated.
 - Error code "11" will clear once the test is complete.



Run System Charge Verification

- Recommended charge to be added to meet required charge displayed.
- Measure subcooling and verify proper specifications are met utilizing the charging chart in the IOM.
- Once system stabilizes and is running at full speed, the calculated sub-cool will be displayed.
 - Allow up to 5 min delay between gauge reading and app. verification.
 - Stopping the verification will generate a report.



- After all steps are complete, the user will be able to share a commissioning report before completing the job.





Thank goodness for Goodman.®