

PTCS Heat Pump Thermostat Support Sheet

Manufacturer: Lennox iComfort Wi-Fi

The Lennox iComfort is a communicating t-stat compatible with iComfort enabled units only

CAUTION: On the first screen entering installer set-up mode, do not press "Reset"; doing this resets all settings to factory defaults

Is a Password Required? **NO**

1. How to enter installer set-up

- On Home screen, press and hold for 5 seconds the LENNOX icon in the bottom right corner
- A warning screen pops up, press "Yes" to proceed
Do Not Press RESET
- You are now in the installer set-up feature



2. Check Compressor Lockout settings - *Lennox refers to this feature as "Low Balance Point"*

- From the installer set up home screen, press "Equipment" in the top center of the screen
- Select "System" from the menu, and press the "Edit" button on the right
- On the menu to the left, press the scroll down button to "Low Balance Point". The compressor lockout temperature should be displayed next to the scroll down menu. If "Low Balance Point" is not displayed, the compressor lockout has not been configured.
- Click the "back" button to return to the previous screen without changing any settings
- Do not hit the reset button at any time**

3. Check Strip Heat settings - *Lennox refers to this feature as "High Balance Point"*

- From the installer set up home screen, press "Equipment" in the top center of the screen
- Select "System" from the menu, and press the "Edit" button on the right
- On the menu to the left, press the scroll down button to "High Balance Point". The strip heat lockout temperature should be displayed next to the scroll down menu. If "High Balance Point" is not displayed, the compressor lockout has not been configured.
- Click the "back" button to return to the previous screens without changing any settings
- Do not hit the reset button at any time**

4. Access Test Mode for testing system at full capacity

- On the system devices screen (screen entered when you hit the back button once to exit looking at high/low balance point) click on the "Tests" button in the top center of the screen
- Select the test you wish to run. Test mode runs for 30 minutes for each mode selected, or until cancelled:
 - Cooling mode: select "Cooling - Maximum Rate" and press "Start"
 - Heating mode: select "HP Heat - Maximum Rate" and press "Start"
- Always select "Max" setting for determining flow in test mode. Test mode enables fan on high setting without allowing auxiliary backup heat to come on.
- Wait at least 10 minutes before taking static pressure readings and inserting flow plate for TrueFlow plate test
- Wait at least 20 to 25 minutes before doing temperature split readings for refrigerant test. The longer the system is allowed to run, the more likely it will reach a steady state.

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5. Exit Test Mode

- a. Press the "Next" button when you are finished running in your desired test mode.
- b. A screen pops up that says "The Testing Process is Finished"; on this screen press "Exit" and it will return to the home screen

6. Exit Set-Up Mode

- a. From System devices screen, (screen entered when you hit the back button to exit looking at high/low balance point), press "Next"
- b. A screen pops up that says "The Testing Process is Finished"; on this screen press "Exit" and it will return to the home screen

CAUTION: On the first screen entering installer set-up mode, do not press "Reset"; doing this resets all settings to factory defaults

Resources: Lennox customer support: 1-800-9-LENNOX. Technical support only available to authorized Lennox dealers.

Source: Lennox installers system set-up guide, revision 506920-01
http://www.lennox.com/pdfs/installation_maintenance/Lennox_icomfortWiFi_Setup.pdf