

PTCS Heat Pump Thermostat Support Sheet

Manufacturer: Rheem/Ruud Econet

The Rheem/Ruud Econet is a communicating t-stat compatible with Econet enabled units only

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

Is a Password Required? **NO**

1. How to enter installer set-up

- On home screen, select "Settings" on the bottom left side of the screen
- On the bottom right side of the screen, select "installer"
- You are now in the installer settings
- Do not hit the "defaults" button at any time**



2. Check Compressor Lockout settings

- Once in the installer settings, select "ac/hp" on the middle of the screen
- The ac/hp setting are now displayed
- Look for "Heat Pump Locked Out Below" setting towards the bottom of the list
- If enabled, "Heat Pump Locked Out Below" should have a temperature setting displayed on the right side of the screen
- If "Heat Pump Locked Out Below" is displayed as "Disabled", the compressor lockout has not been configured
- Select the "←" symbol three times to return to the home screen without changing any settings
- Do not hit the "defaults" button at any time**

3. Check Strip Heat settings

- Once in the installer settings, select "ac/hp" on the middle of the screen
- The ac/hp setting are now displayed
- Look for "Elec. Heat Locked Out Above" setting towards the bottom of the list
- If enabled, "Elec. Heat Locked Out Above" should have a temperature setting displayed on the right side of the screen
- If "Elec. Heat Locked Out Above" is displayed as "Disabled", the strip heat lockout has not been configured
- Select the "←" symbol three times to return to the home screen without changing any settings
- Do not hit the "defaults" button at any time**

4. Access Test Mode for testing system at full capacity

- Ensure the thermostat is set to the correct mode on the home screen. In order for heating tests to be displayed, the system must be in heating mode. The same rule holds true for cooling tests. To change the mode, go to the home screen and select the mode icon on the bottom right side of the screen and select "heating" or "cooling" mode
- From the home screen, select "service" on the bottom right side of the screen
- Select "installer" from the bottom right side of the screen. You are now in the installer checkout settings and should see "Var Speed ODU Test" listed on the screen with "Off" listed to the right
- Press "Off" and arrow bars will appear at the bottom of the screen
- Use the arrow bars to scroll to the test you wish to run. Test mode runs for 30 minutes for each mode selected, or until cancelled:
 - Cooling mode: scroll to "Hi Cool", then select "start test"
 - Heating mode: scroll to "Hi Heat", then select "start test"

PTCS Heat Pump Thermostat Support Sheet

Manufacturer: Rheem/Ruud Econet

The Rheem/Ruud Econet is a communicating t-stat compatible with Econet enabled units only

- f. Wait at least 10 minutes before taking static pressure readings and inserting flow plate for TrueFlow plate test
- g. 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

5. Exit Test Mode

- a. Select the " ← " symbol to cancel the test and this will take you back to the installer checkout settings

6. Exit Set-Up Mode

- a. Select the " ← " symbol until you get back to the home screen

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

Source: EcoNet Control Center User Guide and Installation manual
http://www.rheem.com/econet/resources/UserGuide_V2_R12.pdf