

Troubleshooting Poor Temperature Regulation

- This page lists problems that may affect the temperature performance of your LUX thermostat with suggested resolutions.
- For more detailed information please refer to the instructions that came with your thermostat.

Model	LV3
Problem	Resolution
Cools more than 5 degrees past its displayed set temperature	<p>Verify that your thermostat's electrical connections are clean and tight.</p> <p>Verify that your units placement and mounting are optimum per the installation section of its manual.</p> <p>Slowly rotate the dial from full left to full right. Listen carefully for a small click in both directions. These two clicks should be near the approximate room temperature location on the knob.</p> <p>Replace unit. There are no user serviceable parts.</p>
No fan or cooling when expected	<p>Refer to wiring troubleshooting to verify that it is wired according to the units proper wiring diagram. Verify that all connections to your thermostat are clean and tight.</p> <p>If room temperature is less than 50F the unit will not close its switch and call for cooling.</p> <p>Rotate the dial to its lowest setting. Cooling (or fan) should operate immediately if the approximate room temperature is greater than around 50F degrees.</p>
Cooling Test	<p>Rotate the dial to its lowest setting. Fan or cooling should operate immediately.</p> <p>Slowly rotate the dial toward its highest setting. Listen carefully for a small click near room temperature. When it is heard, the unit should switch off cooling or fan immediately.</p>
Advanced Troubleshooting	<p>This thermostat is designed to switch hazardous voltage. Qualified service personnel may use the following information to troubleshoot the system.</p> <p>The LV3 uses a single-pole snap-action switch to control cooling output. It should open when the room is cooler than its set temperature, close when warmer than its set temperature. At its highest setting, the switch should remain open at any temperature within its operating range, unless the room temperature is warmer than about 90F degrees.</p>

For further assistance:

Contact your HVAC service company or our
Technical Assistance Line if not resolved.

Wiring Information and Troubleshooting

- This page provides general guidance for your LUX Line-Voltage mechanical thermostat. For more detailed information please refer to the instructions that came with your thermostat.
- Please make specific note regarding LOW VOLTAGE and LINE VOLTAGE directions. Do not install LINE VOLTAGE wires to a LOW VOLTAGE control.
- Do NOT wire by color of the wire, wire by the LETTER designation to which the wire was attached on the previous control.
- If there were no letter designations on your old thermostat, contact our Technical Assistance Department for assistance.

Model	LV3
Problem	Resolution
120 VAC or 240 VAC connected to previous control	DO NOT ATTACH LINE VOLTAGE WIRES TO A LOW VOLTAGE THERMOSTAT. Although its installation is relatively simple, this thermostat is designed to switch hazardous voltage. If you are unsure of any aspect of this products application or installation consult with our technical assistance personnel, or other qualified service personnel for assistance.
For further assistance:	Contact your HVAC service company or our Technical Assistance Line if not resolved.