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	T10-1141SA
Problem	Resolution
Indicates incorrect room temperature	Remove the cover. Locate circular pointer attachment on rear of cover. Adjust temperature reading by rotating the pointer attachment so that the indicated temperature is correct.
Heats or cools more than 5 degrees past its displayed set temperature	Refer to the installation section of the thermostats manual to verify that the units anticipator is set appropriately. Note that it may be adjusted from the recommended setting to accommodate your preferences. Refer to wiring to verify that it is according to the wiring diagram for your system. Verify that your units placement and mounting are optimum per the installation section of it's manual. Calibrate mechanism 1. Disconnect electrical power to the thermostat at the furnace, main fuse or breaker box. 2. Remove thermostat cover. 3. Locate 1 inch diameter disc with pointer. This is the anticipator disk. Behind it is the units temperature sensing coil. The end protruding from it is the contact arm. 4a. If the center point between two clicks does not indicate room temperature the mechanism may adjusted as follows. 4b. Hold temperature setting lever at room temperature. 4c. Firmly grasp the anticipator disk being careful not to touch the temperature sensing coil. 4d. Rotate the anticipator disk slightly. Clockwise rotation lowers the indicator. Counter clockwise rotation raises the indicator. 4e. Test the new position as in step 3 above. Repeat adjustment and test as necessary.
No heat when expected	Verify that the wire connections to your thermostat are clean and tight. Refer to wiring to verify that it is according to the wiring diagram for your system.

Advanced Trouble Shooting	If your system is a low voltage system having 24VAC or less, and you are technically inclined, you may jump terminals as given below out to detect a malfunction in your system.
Heat Test	To test gas or oil heating systems, take the either wire off its terminal. Then with the power ON at the fuse box, touch that wire to the other terminal for a couple of minutes. The heater should come on and stay on until the wire is removed.
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 wiring your LUX 24VAC 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. Improper installation of a "C" wire may cause damage to your system.
- Do no install a wire labeled "TC" from the previous thermostat to any of our controls. Installation of a "TC" wire may cause damage to your system.
- 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	T10-1141SA
Problem	Resolution
LINE VOLTAGE, 110, 120, or 240 volt wires on the previous voltage controls	NEVER CONNECT LINE VOLTAGE WIRES TO A LOW VOLTAGE THERMOSTAT. Follow the wiring instructions for your control.
Two 24 volt, LOW VOLTAGE wires on existing control for a heat only system	Connect one wire to the first wired terminal, and the other to second wired terminal.
Three LOW VOLTAGE wires were connected to the previous thermostat for a heat only, forced air system where one wire operates the fan	Connect the 24VAC transformer wire to the first wired terminal. Connect the heat wire and the fan wire together to the other wired terminal. NOTE: this thermostat will not allow manual control of the fan. Use a Lux Heat and Cool thermostat if this feature is desired.
Three LOW VOLTAGE wires were connected to the thermostat for a heat only,	This system employs 3 wire zone valves. Please use our TX500U, TX1500U, TX9100U, TX9600TS, or TX9100E for this system.

forced water system that did NOT have a clock or timer	
Three LOW VOLTAGE wires were connected to the existing thermostat for a heat only, forced water system that DID have a clock or timer	Tape off and do NOT install any clock or timer wire, usually labeled C or TC. Install the remaining two wires, connecting one wire to the first wired terminal, and the other to second wired terminal.
Four LOW VOLTAGE wires were connected to the existing thermostat for a heat only system, and two of the wires operate clock or timer and the other two operate the heater	Tape off the two clock wires. Do not install them on any of our thermostats. Install the remaining two wires, connecting one wire to the first wired terminal, and the other to second wired terminal.
Two LOW VOLTAGE wires were connected to the existing thermostat for heating AND cooling	No current Lux controls are compatible with this system. Do not use.
For further assistance:	Contact your HVAC service company or our Technical Assistance Line if not resolved.