

## Trouble Shooting

Why are the light on the bottom of the Rite Temp 6080 thermostat not functioning?

If you do not have a C wire connected to the thermostat they will not function. If you do have a C wire connected it may not be working correctly. To test to see if the C wire is working, remove the batteries from the thermostat and see if it still functions. If not the C wire is not working.

If you want to install a C wire see FAQ how to install a C wire?

Why doesn't the remote work on my Rite Temp thermostat?

Make sure both the thermostat and the remote are on the same channel. Also some channels work better than others depending on your situation.

If you do not have a C wire connected to the thermostat the remote will not function. If you do have a C wire connected it may not be working correctly. To test to see if the C wire is working, remove the batteries from the thermostat and see if it still functions. If not the C wire is not working.

If you need to install a C wire see FAQ How to install a C wire?

I installed a new thermostat and my heating and/or cooling does not come on, why?

If your unit has a fan if you turn on fan switch to on to see if the fan turns on. If not then you may not be getting power to the thermostat. If the fan does come on then check to make sure the wires are making good contact see FAQ how to prepare wires for the thermostat?

Also check to make sure you have a good set of batteries in the unit. Make sure the unit is calling for either heat or cool. When it is calling for heat or cool the word heat or cool will be flashing. This means the heat/cool should be running.

For more help please contact support at 877-505-2353 or email [support@ritetemp-thermostats.com](mailto:support@ritetemp-thermostats.com)

I installed a new thermostat and my system is running continuously, why?

There could be several reasons for this:

It may be a wiring issue.

The batteries may not be good.

Is the thermostat calling for heat or cool? You can tell if it is calling by the word heat or cool will be blinking.

Does the heat or AC turn off if you move the switch the auto fan and off position if not does it turn off you remove the RH and or RC wires. If not then there is a problem with the wiring to the heating and or cooling system or an issue with the system itself. If that is the case turn off the power to your system.

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Why does the temperature fluctuate uncomfortably with my new thermostat?

This may be caused by what is called swing, swing turns on and off the system 1 or more degrees on either side of the set temperature so the system will not cycle as often and save energy and extends the life of your system. On all of the Rite Temp programmable thermostat you can change the swing. By changing the swing setting to a smaller value the lower value keeps the temperature more even by cycling the furnace more often. On non-programmable thermostats the swing is fixed to one degree on either side of the set temperature.

The room temperature reading appears to be incorrect, Why?

If you just installed or programmed the unit the temperature reading may be off and is most likely reading high. The thermostat has picked up heat from you touching the unit. It could take several hours to settle in. If after several hours if the temperature is still off and you unit has a digital display you can calibrate the unit. See operation manual for how to calibrate your specific thermostat.

The thermostat occasionally resets to factory setting. What could be causing this?

In most cases the reason the unit is resetting is there is some type of RF interference. This is most common with spark igniter furnaces but could come for other sourced like static electric air cleaners etc. One of the ways to filter RF interference is with a ferrite choke. You may have seen them on power cables to your computer, or printer or on interface cables. This usually solves the problem.

The Radio Shack Ferrite Data-Line Filter (273-105) is a round, in-line, snap on device that must be snapped around ALL the leads coming out of the wall (if there is enough room). If that does not completely solve the problem, or if there is not enough room at the thermostat, put a filter on the thermostat wires as close as possible to the furnace.

If the wires are long enough, an even better ferrite filter is the rectangular, Radio Shack snap on RF Choke (273-104). This one's hole is large enough to loop the thermostat cable through it at least twice (if there is enough wire). The more loops the better but even one will help. This comes two ferrite cores in a package so one filter can be put at the thermostat and the other filter at the furnace. Once installed, the ferrite cores must be shut tight and be latched to be effective.

My thermostat is not responding to input since it received a static shock. What can I do?

All electronics are susceptible to static shock. It minimize static please ground yourself (touch something else before you touch the thermostat) or if you unit has a stylus use it. Since the unit is not

responding please try the following to remedy the situation. Please take the batteries out of the unit and remove the C wire if available for 15 minutes. Then put a new set of alkaline batteries back into the unit and re-install the C wire if available, Next reset the thermostat and try it again.

My heat is shutting down before it reaches temperature?

This could be either a heater/furnace issue or a thermostat issue. One thing to check is your air filter make sure it is clean or replace it with a new one. Then try the system again. For further tests please contact support at 877-505-2353 or [support@ritetemp-thermostats.com](mailto:support@ritetemp-thermostats.com)

Why does the room temperature take so long to respond?

It may be on a wall that is either very cold or warm and it is picking up the temperature from the wall. Try remounting it with the standoffs so the unit can get better air flow.

Why does the thermostat change settings by itself?

If you have a programmable thermostat and you override the setting by using the up and down temperature buttons. The thermostat will revert to the program at the next program time setting. When you have changed the program setting this way the thermostat will say temp or override. If you want to keep a specific temperature and not use the program you will need to put the unit in hold. See operation manual for your thermostat on how to put the unit in hold.

My unit is blinking the word heat, what does this mean?

When the thermostat is blinking the word heat it means the thermostat is calling for heat and your heat should be running.

My unit is blinking the word cool, what does this mean?

When the thermostat is blinking the word cool it means the thermostat is calling for Cool and your Air conditioning should be running.

The heat /cool worked before but is not working now. What should I check?

Make sure you have a good set of batteries in the thermostat. Please use a good set of name brand batteries (do not use rechargeable batteries).

Reset the thermostat.

Make sure all the breakers and fuses to your HVAC are good

If you have a fan see if the fan will turn on in the fan on position (If not the problem may be elsewhere in the system)

Check for loose or broken wires