



**LARRY & SONS**  
**PLUMBING HEATING COOLING DRAIN**  
SERVING SINCE 1960

## Troubleshooting Guide/Things to Check

### Simple solutions to attempt before having Larry & Sons visit your home.

If you experience any trouble, you may always call us for help and service. But here are a few simple solutions you can attempt before having us visit your home.

### Gas Furnace Equipment

Note: If the furnace burns propane or oil, how much fuel do you currently have in the tank?

- Propane needs more than 20%. Less than 20%, gas pressures can fluctuate too much to get proper consistent pressures to the unit.
- Oil needs to have more than ¼ tank. Less than a ¼ tank of oil will cause sediment from the oil to find its way into the fuel line and clog the nozzle and filter.

- Change the batteries in your thermostat if applicable.**
- Check to make sure that your thermostat is set in the "heat" position**
- Make sure that the temperature setting on the thermostat is set above (or higher than) the indoor temperature showing on the thermostat.**
  - (This tells your heating system that it should provide heat!)
- Ensure that there is power to the furnace:**
  - Try turning the fan to "ON" using the fan switch on the thermostat to test for power to furnace.
- Check the circuit breakers at the electrical panel to make sure they are in the "On" position.**
- Turn the breakers completely off and then back on.**
- Check the emergency switch (it looks like a light switch on a gray box located at the furnace) to be sure it is in the "ON" position.**
  - Also look for a red cover switch at the top of the basement stairs and make sure it is flipped to "ON".**
- Be sure that you have changed your filter in the furnace recently.**
  - An extremely blocked filter can cause your outdoor air conditioner unit to shut down due to lack of proper airflow.
  - All 1-inch thick furnace filters should be replaced monthly.
  - Purolator 2-inch thick and other high-capacity pleated filters can most likely be changed every other month or just 6 times per year.
- Check all return air grilles to make sure they are not blocked by furniture.**
  - Check all supply air registers to make sure they are open and blowing air. (The return air grilles are normally located on your walls and are wide and flat).

**If these simple solutions do not solve your problem, contact us for service. Be sure to have your model number handy.**

**Call today (301) 733-5428**