P&B Heating & Air Conditioning Corp.

🔥 Forced Hot Air Gas Furnace Homeowner Troubleshooting Guide

Below are some homeowner tips to follow when you are having issues with your Gas fired furnace system:

1) Check the Thermostat Mode: Ensure your thermostat is set to the **HEAT mode,** and the temperature is set higher than the current room temperature. If the screen is blank, try replacing the batteries.
If you have a Wi-Fi-enabled thermostat and the screen is blank, that means there is no power to the thermostat and may be no power to the unit. See below.

2) Inspect the Furnace Power Switch: Check the switch on or near the side of your indoor furnace unit (it often looks like a standard light switch). If your furnace is in the basement or a crawl space, in many homes there will be a switch at the top of the basement stairs or at the entrance to the crawl space. Sometimes it can be confused with a light switch and it can be accidentally flipped off.

3) The 15-Minute Breaker Reset: Just like a mini-split, a sudden power surge can lock up a furnace's control board. Turn off the power at your circuit breaker, leave it off for 15 minutes, then turn it back on. Then turn the system back on at the thermostat, to see if this will bring the unit back online.

4). Most units have a door switch that will turn the system off when removed and it will eliminate the error code. Be sure the doors are properly secured to the unit

5) Look for Flashing LED Error Codes: If the furnace still will not come back on then Most modern furnaces have a small, clear sight glass on the lower door panel. If the system fails to run, you will see a flashing light pattern. Note the number of blinks before calling us! **DO NOT REMOVE THE DOOR PANELS!!**

6) Filter Maintenance: A clogged, dirty filter starves the furnace of air, causing it to overheat and trip its safety switches. Check your filter monthly and replace it if it looks gray or dusty.

⚠️ **SAFETY WARNING: Never attempt to open the main burner door or adjust the gas valves yourself. Gas furnaces require specialized tools to check for carbon monoxide and gas leaks. If you ever smell gas, leave the house immediately and call us or your gas utility company.**