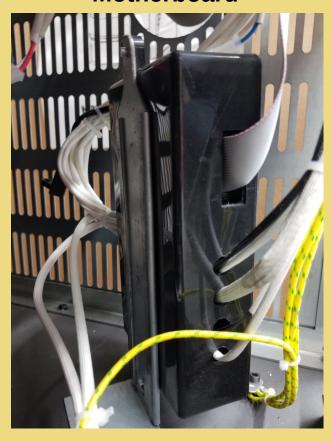
Motherboard





Location:

The Motherboard is located in the central portion of the stove, usually mounted to a floor bracket.



Function:

The motherboard is the main circuit board that all other components are connected to. It provides the electrical pathways for the control panel, switches, sensors, and other active components.

Motherboard Connections



Connections:

- 1. Black 20 pin Connector for gray data line going to top control panel.
- 2. Red 2 pin Connector for NTC1
 Proof of fire switch
- 3. Yellow 2 Pin NTC2 Overheat sensor
- 4. White 2 Pin Thermostat temperature sensing wire
- 5. Blue 2 Pin Limit/Hopper Lid Switch
- 6. Black 2 Pin Vacuum Switch Starting at the top right and going down the right side:
- 7. Blue soft cover 10A motherboard fuse
- 8. White 14 Pin Main power harness connector