

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