

Electrical issues hybrid stoves

Difficulty level: Intermediate

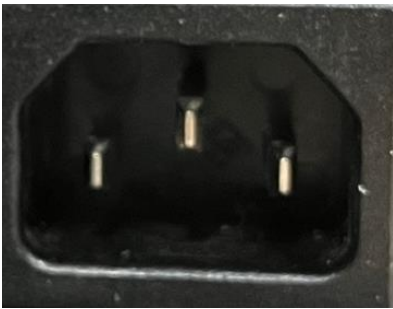
Time consumption: 30 minutes

Tools: Screwdriver TX15, flathead 10 mm

Components: Cable ties

NB: All changes and adjustments must be conducted when the stove is cold and disconnected from the power supply.

When the stove is disconnected from the power supply, you can make sure that all connectors are clean and clear for use.



Be sure that the main power cable has a ground connection that corresponds to the wall outlet. Two power cables are provided with the stove:



Type K (Denmark)



Type E & F (Schuko)

How to access the control board

Open the door to the pellet container and take the control board out by removing the screws as shown on the picture. Be careful to not damage any cables. Cut the cable ties to release the cables.

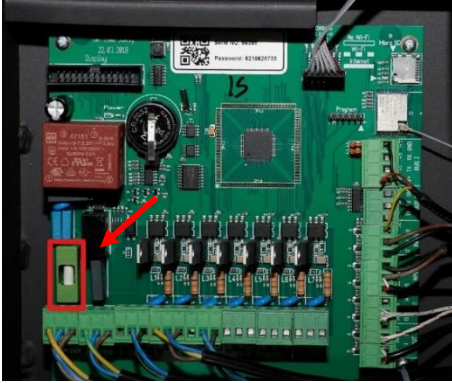


How to troubleshoot the control board

If you experience a glass fuse being blown or the earth circuit breaker turning off, it may be due to several things. We recommend following these steps:

Step 1: Check/change the glass fuse.

Check if the 4-ampere glass fuse (see picture) located on the control board is blown. If you change the glass fuse, the problem is most likely solved.



Step 2: Test the connectors.

- Disconnect all connectors.
- Start connecting only the 230V power plug. If the power cuts off when connecting it, the print is defective/the fuse is blown.
- If the power plug is in and works fine, try to plug in each connection one at a time: motors/igniter/fan. If an error occurs, change the cable or the defective component.

Step 3: Test the outputs.

- Conduct a component check by turning on the stove. An orange diode on the selected output on the control board should light up. If not, then there is a print error, or the cable is incorrectly inserted.
- Is electricity coming to the component being tested: motors/fan/igniter?
If not, there is a cable error somewhere or the motor/fan/igniter is defective and needs to be changed.
- Connect 230V directly to the motor/fan/igniter, to check if the problem is a defective cable.

Control board overview with all connected components:

ELECTRICAL DIAGRAM: V13-7 PCB

