

Replacement of smoke temperature sensor on the Aduro P5 series

Difficulty level: Easy

Time consumption: 10 minutes

Tools: TORX 15 screwdriver, 5 mm flathead screwdriver

Components: [Smoke temperature sensor \(aduroshop.com\)](https://aduroshop.com)

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

Replacing the smoke temperature sensor

1. To access the smoke temperature sensor, remove the backplate of the stove by removing the 4 screws:



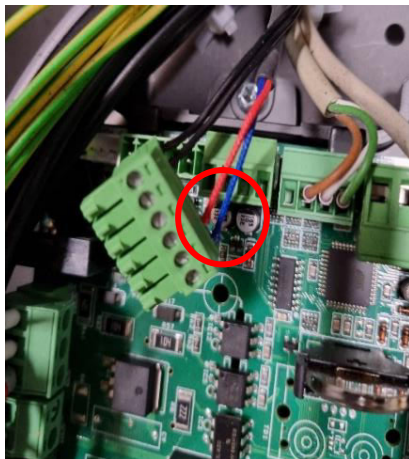
2. Dismount the sensor by opening the metal cover, then pull out the cable:



3. Before the new sensor is installed, the sensor wires need to be changed on the control board. The control board can be accessed from the front of the stove. Open the lower door of the stove and unscrew the two screws. Pull out the control board carefully:



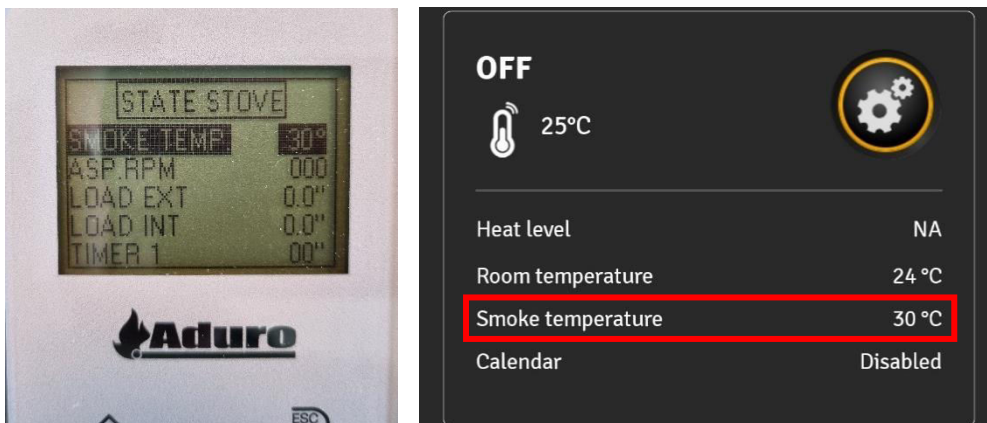
4. Gently pull out the socket with the sensor wires and replace the red and blue wires with the new ones:



5. Insert the new sensor through the felt and press it in until the felt covers the sensor. Put the metal cover back in place.
If zip ties have been cut, be sure to secure the cables with new ones.



6. Check the app or the "state stove" menu on the remote, that the temperature is stable and is showing. Then remount the backplate on the stove.



Troubleshooting the smoke temperature sensor:

The temperature is very high or won't go back down when the stove is cold:

- Check that the sensor is connected correctly to the control board.
- Check if the wire of the sensor is intact all the way, and that the sensor end is covered by a metal cap.
- Check that the sensor wires are connected to the right ports on the control board.
- Check that the control board connector plugs and pins are intact.
- If the above does not solve the problem, try to replace the sensor first, then the control board

The temperature remains below operation temperature/ the stove shuts down quickly after starting:

- Check that the sensor is covered with an insulation material like glass fiber felt.
- Check that the sensor is pressed a good amount into the smoke exhaust fan with just a bit of the sensor cap showing

The temperature remains the same in the app:

- Make sure that the app is connected to the stove and that the stove is connected to the internet.

Keywords: smoke, temperature, sensor, replace, P5, troubleshooting, troubleshoot