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## Functional test on the inner/outer temperature sensor

These instructions describe how the functioning of the "temperature sensor" (inner and/or outer) is to be checked for the following models in the event of malfunctioning:

- KD 9880
- KD 9875
- KD 9890
- IKD 9890
- IKD 9880
- TKD 9880

The spare-part no. of the inner temperature sensor is **528678**.

The spare-part no. of the outer temperature sensor is **530513**.

Please check the following before replacing the circuit board (**spare-part no. 528673** - Code number 08080734) or the temperature sensor/s:

### 1 Test procedure 1

1. Check the battery voltage (9V/DC is normal but the sensor continues to function down to 6.5 V/DC). **It is best to use a new 9V/DC battery for testing!**
2. Place the inner temperature sensor next to the cooker hood motor to make sure that the signal is strong enough.
3. Activate the inner temperature sensor by disconnecting the battery and reconnecting it. Wait until the temperature, or a change in the temperature, is shown on the display.
4. Then place the internal temperature sensor wherever you wish to have it in the building (not more than 10 m away from the cooker hood!)
5. Repeat the procedure (see nos. 2 and 3) for the outer temperature sensor (if present).
6. Then place the sensor in the required position outside the building (protected against rain/sunlight or any other sources of heat)

### If the temperature is not displayed correctly



A. Change the battery.

To lower the battery consumption, the sensor will transmit approx. every 4 minutes, but only if there is a difference in the temperature from the one previously measured.

**This means that you will need to wait for 4 minutes or more, until the temperature or a change in the temperature is shown.**

B. The position of the temperature was not correct if the temperature is shown correctly in the display after this first check.

**You should place it elsewhere.**

C. If the temperature is still not shown correctly, replace the sensor and repeat test procedure 1.

If the sensor still malfunctions, replace the electronic unit, spare-part no. 528673  
Code number 08080734.

## 2 Test procedure 2

1. Replace the circuit board.
2. Check the display (three possible cases).

a. No temperature is shown

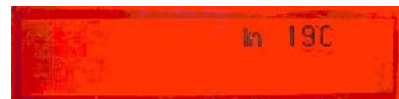
- Activate the inner temperature sensor by disconnecting the battery and reconnecting it.
- Place the inner temperature sensor next to the cooker hood to make sure that the signal is strong enough.
- Wait until the temperature is shown on the display.
- Put the inner temperature sensor where you wish to have it inside the building (not more than 10 m away from the cooker hood!)
- Repeat the procedure with the outer temperature sensor (if present) and place the temperature sensor wherever you wish to have it outside the building (not more than 15m away from the cooker hood).



Display shown as an example

b. Only the inside room temperature is shown (in xx ° C)

- Activate the inner temperature sensor by disconnecting the battery and reconnecting it.
- Place the inner temperature sensor next to the cooker hood to make sure that the signal is strong enough.
- Wait until the temperature on the display changes. Put the inner temperature sensor where you wish to have it inside the building (not more than 10 m away from the cooker hood!)
- Repeat the procedure with the outer temperature sensor (if present) and place the outer temperature sensor wherever you wish to have it outside the building (not more than 15 m away from the cooker hood).



Display shown as an example

c. The room temperature and the outside temperature are shown.

- Activate the inner temperature sensor by disconnecting the battery and reconnecting it.
- Place the inner temperature sensor next to the cooker hood to make sure that the signal is strong enough.
- Wait until the temperature is shown on the display. Put the inner temperature sensor where you wish to have it inside the building (not more than 10 m away from the cooker hood!)
- Repeat the procedure with the outer temperature sensor (if present) and place the outer temperature sensor wherever you wish to have it outside the building (not more than 15m away from the cooker hood).



Display shown as an example

3. Check whether the customer only has the inner temperature sensor or both sensors, inner and outer).



**Please note!**

**Please deselect the display of the outer temperature sensor if the customer does not have an outer temperature sensor (see operation instructions)!**