

ICE FORMATION ON THE EVAPORATOR OF THE EUROCOMBI MODELS

NTC temperature sensors with a defect in the calibration (wrong resistance values) have been used for the production of the Eurocombi appliances (Fuenmayor-Spain factory) with PNC **928405xxx** from serial no. **307xxxxxx** to **335xxxxxx**.

The indicated NTC sensors were not faulty initially, but a defect in the isolation caused a wrong calibration after some or many defrosting cycles.

Therefore, in case of excessive ice formation on the evaporator and the following conditions have been checked:

- The doors close perfectly;
- The gaskets are intact;
- No alarm indication for defective sensors;
- The defrosting heater is not interrupted;
- The water drain tube is intact (see Service Bulletin 599361549).

before replacing the control electronic board, it is necessary to check the resistance values of the temperature sensors (see table A).

Tab. A

°C	Ohm
10	5348 ±0.6
5	6818 ±0.4
0	8758 ±0.4
-5	11337 ±0.4
-10	14795 ±0.6
-15	19475 ±0.7
-20	25862 ±0.8
-25	34666 ±0.9
-30	46921 ±1
-35	64161 ±1
-40	88577 ±1

The perfect operation of the “service mode” excludes the defectiveness of the electronic board of the appliance (see Service Manual 599340461, 599348504 and 599354029).

Since there are 2 appliance versions:

1. EUROCOMBI;
2. EUROFLEC.

it is necessary to order the corresponding part nos. of the sensors referring to the spare part lists of the specific model.

The supplier name is indicated on the temperature sensors and it may be “SD” or “ISPRACONTROL”. However, all sensors in the spare part warehouses are in compliance with the specifications (both SD and ISPRACONTROL).