



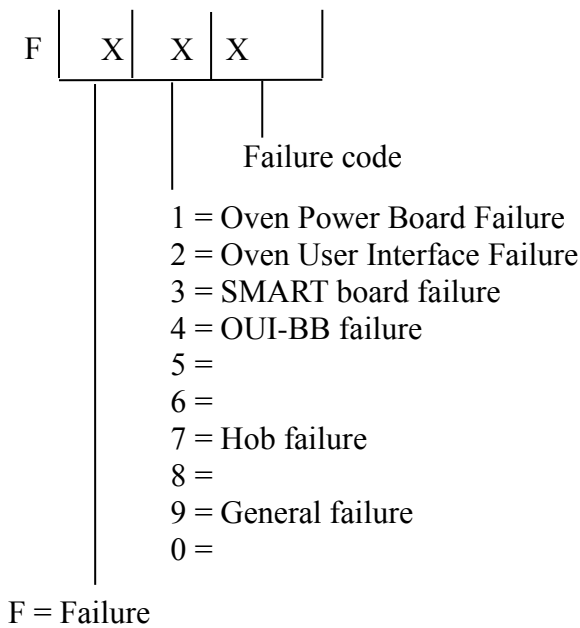
<p>© ELECTROLUX HOME PRODUCTS Customer Care - EMEA Training and Operations Support Technical Support</p> <p>Publication number</p> <p>599 79 33-13</p> <p>Edition: 11/2015 - Rev. 01</p> <p>EN</p>	<p>Oven</p> <p>Alarm Management</p>	
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1 ERROR CODES

To identify on which place a failure occurred the first value shows the failure place, described at following schematic:
FXXX



Cx → for customer errors / failures

Error Display	Possible Failure	Action to solve
C1	Telescopic runner inside during pyrolyse	Remove side grids during pyrolyse
C2	Meat probe inside during pyrolyse	Remove Foodprobe during Pyrolyse
C3	Door open during pyrolyse	Close door during pyrolyse
C4	You want to activate the cleaning fuction but the display shows C4	Press the plus steam button (seems like plus steam button is pressed already)
F101	Doorlock sensor problem	Check wiring Check doorlock system Check powerboard
F102	Doorlock failure	Check wiring Check doorlock system Check powerboard
F104	Oven temperature sensor (PT500) out of range	Check wiring Check temperature sensor Check powerboard
F105	Oven temperature sensor (PT500) has too hightemperature	Check temperature sensor Check wiring
F106	Electronic temperature sensor out of range	Check Powerboard Check wiring
F109	Software of user interface and powerboard notfirt together	Check software version and compare with sparepart software
F111	Foodprobe sensor out of range	Check Foodprobe Check wiring Check Foodprobe module
F112	steam sensor out of range	Check Powerboard

		Check wiring
F113	OVC2000 Ozillator failure	Check Powerboard
F130	Triac failure	Check motors Check Powerboard Check wiring
F131	Temperature sensor of steam generator out of range	Check wiring Check temperature sensor Check powerboard
F132	Software expecting oven with door lock, wrong software programmed	Check programming of UserInterface Contact quality department
F133	The init or write or read process on the flash failed	Check Powerboard
F134	Reference voltage of the analog digital converter is out of range	Check Powerboard
F135	Incorrect voltage at door lock relay at oven temperature over 380°C	Check Powerboard
F136	Missing or damaged foodprobe module	Check software version and compare with sparepart software Check FP module Check wiring
F137	Missing or incorrect communication between powerboard and Foodprobe module	Check wiring Check FP module Check powerboard
F138	Oven temperature sensor is fixed on one resistor value	Check Powerboard Check temperature sensor
F140	Wrong configured cooking fan	Check software version and compare with sparepart software
F142	Water level sensor (NTC) in steamer out of range. This Fault appears in case the steam generator is overheated because the water refilling to the system is prevented.	Check the Tubes are clogged Check the Tubes assembly Check the Descaling actuator is closed Check the Inlet valve functioning Check the Ambient temperature where the appliance is placed (it should not be too low)
F143	Humidity sensor out of range	Check if sensor is powered on in correct way Check the Wiring Check document nr 599 7660-78 for more details
F191	Oven temperature sensor (PT500) out of range (Warning)	Check wiring Check temperature sensor Check powerboard
F192	Foodprobe temperature value too high	Check wiring Check foodprobe sensor and/or food probe connection box Check Foodprobe module
F193	Humidity sensor out of range warning	Check if sensor is powered on in correct way Check the Wiring

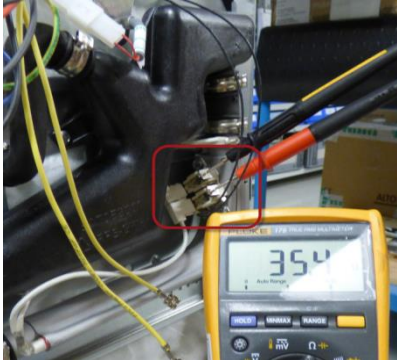
F194	Oven temperature sensor (PT500) out of range (Warning)	Check wiring Check temperature sensor Check powerboard
F195	Electronic temperature value too high	Check Powerboard
F196	Electronic temperature value out of range (warning)	Check Powerboard
F197	Water level sensor (NTC) in steamer out of range.	Check the Tubes are clogged Check the Tubes assembly Check the Descaling actuator is closed Check the Inlet valve functioning Check the Ambient temperature where the appliance is placed (it should not be too low)
F203	Programming not correct	Check software version and compare the sparepart software Check User Interface
F208		
F214	Configuration does not match to firmware of user interface	Check software version and compare with sparepart software
F215	Unexpected content of configuration	Check software version and compare with sparepart software Contact quality department
F233		
F236	Alarm due to the software bug : This alarm occurs due to the bug in the software. Which is fixed in the software update	Follow the instruction of the F136
F239	Quantum Touch Controller alarm: 1. If the communication over the bus SPI with the Quantum touch is after 50 trials unsuccessful than alarm is set. The alarm is reset if the communication is okay again.	1. Connections Board Touch. 2. Board Touch fault.
	2. If an incorrect ELC is used for a configuration of the naked electronics or a configured spare part : This error occurs due to different electronic software between User Interface and touch electronics	It's important to use the ELC code while ordering the spares during service *ELC (Engineering Level Code)
F241	Function selector is not connected	Check wiring Check oven knob Check hexagon user interface
F321	Oven temperatur is too high to start Smart function	Check wiring Check temperature sensor Check powerboard
F322	Incorrect temperaturevalue between Powerboard and Smart electronic	Check wiring Check electronic "Smart" Check powerboard
F323	Configuration failure of Smart electronic	Check software version and compare with sparepart software

		Check User Interface Check electronic "Smartboard"
F324	Unknown state of Smart electronic	Check electronic "Smart"
F325	Flash memory failure	Check electronic "Smart"
F326	Calibration of Smart electronic not finished	Check electronic "Smart"
F327	Error in microcontroller of Smart electronic	Check electronic "Smart"
F329	Analog digital converter error of Smart electronic	Check electronic "Smart"
F406	Electronic temperature sensor out of range	Check the Power board Check the Temperature sensor Check PCIII
F408	Missing communication between powerboard and user interface	Check Wiring Check the Power board Check PCIII
F439	No communication between user interface and touch electronic	Unplug and Replug the appliance Check the interface between UI and the Panel Glass Check PCIII
F493	Alarm is triggered if there is a fault in the backlight driver module	Unplug and Replug the appliance Check PCIII
F494	Alarm is triggered if there is a fault in the RTC	Unplug and Replug the appliance Check PCIII
F495	Alarm is triggered when there is a powerfail in the wiring	Check the mains and power supply Check Wiring Check the Power board
F497	Humidity sensor not working or out of range	Check Wiring Check the Humidity sensor
F716	In oven function pyro the hob is in ON_State	Check software version and compare with sparepart software check wiring
F718	Missing communication between oven user interface and hob user interface	Check wiring
F908	Missing communication between powerboard and user interface	Check wiring Check User Interface Check powerboard
F908	Missing communication between user interface and powerboard	Check wiring Check User Interface Check powerboard
F917	Maximum power limitation problem between oven and hob	Check software version and compare with sparepart software Check wiring Contact quality department
F928	Missing communication between Smart electronic and oven user interface	Check wiring Check electronic "Smart"

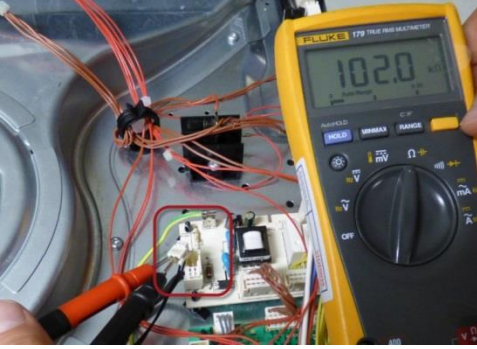
2 ERROR CODES FOR STEAM FUNCTION

F142 (NTC thermal sensor out of normal range): Go through each step below, if any of the component in the below steps is showing the abnormal behavior then plan the replacement of the spare part to avoid the F142

1. Check on steam generator - check ohmic value in cold condition

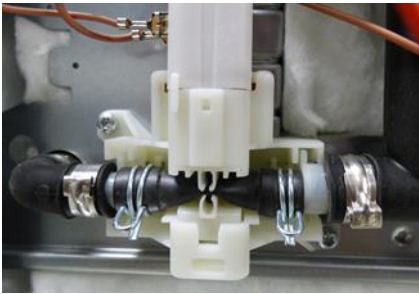
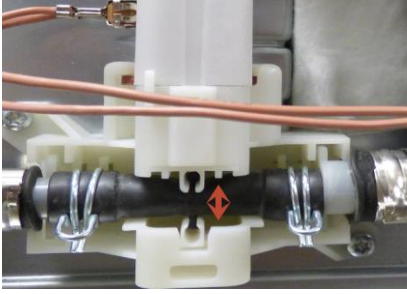
Correct Behaviour	if no damages present on steam generator, nominal ohmic value is 35 Ohms (tolerances(33.1~36.5)) @ 230 V
Procedure : Place the tonges of Ohm Meter in the two points of the Power Supply of Safety thermostat	
Abnormal Behaviour	<ul style="list-style-type: none"> • If only one brach damaged 70 Ohms are detected • If both branches damaged you get 0L

2. Check on NTC thermal sensor - check ohmic value in cold condition

Correct Behaviour	If no damage on NTC, reference value @ 24 °C ambient temp is 102 Kohm
Procedure : Place the tonges of Ohm Meter in the rast connector	
Abnormal Behaviour	In ambient condition (steam generator cold), if measured resistance is grether than 232 K, means the ambient is too cold (oben placed in cold ambient), or if measured resistance is 0L (means NTC component presents failure)

3. Check on descaling actuator - see if descaling closed in standby

Correct Behaviour	When oven in standby, check if descaling actuator is closed in normal condition (1)	
Procedure : Place the	1. Actuator Closed	2. Actuator Open

<p>tongues of Ohm Meter in the rast connector</p>		
<p>Abnormal Behaviour</p>	<p>If in normal condition (oven in standby), no functions running for more than 5 min, means descaling actuator presents failure and do not close correctly (2)</p>	

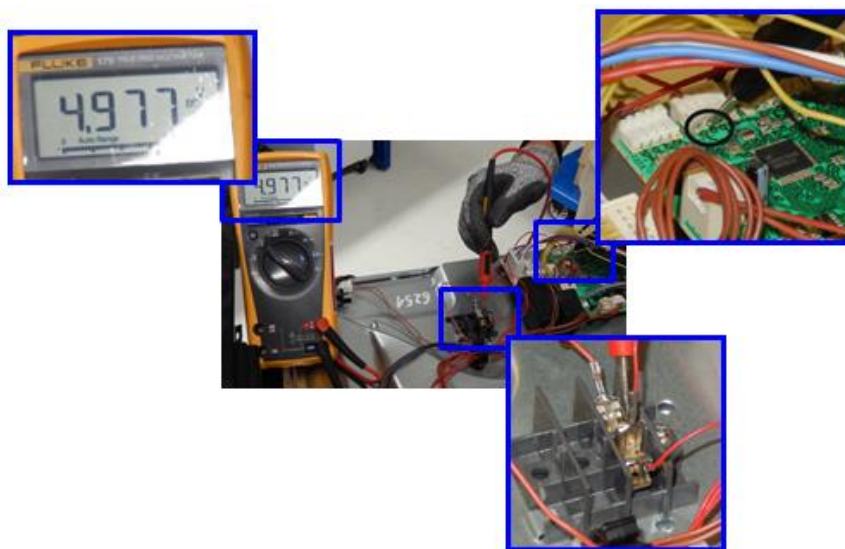
4. Check on water level sensor placed on water tank drawer

Check if the water level sensor (capacitive one) is working correctly which means it is communicating correctly the minimum water level reached in the water drawer and so the steam generator is stopped. If its not working, means steam generator do not get any information that water lack is detected in the drawer and running without water; the temperature detected by the NTC is high and goes out of range, which shows F142.

Correct behaviour: In ordet to check the water level sensor, a sugestion would be to run steam function (Example: full steam), without any water inside the drawer; if sensor is working fine means you get a message "Please put water in tank" on UI.

Abnormal behaviour: Run steam function (Example : full steam) without any water inside the drawer; if sensor is not working correclty, means you do not get any information about water missing , sensor is presenting failure.

F 143 (only ETNA): Humidity sensor not working



Check if power supply (4,97 V) are present on humidity power connector (make sure the oven is in supply when performing thic check).

Change the spare part if the power shown in the multimeter is less then the indicated value.

F 144 (only STROMBOLI): Water level sensor in tank (reed switch based)

Check if connector is properly plugged to Power Board

