

1. Breakdown Messages (Series 4)

OVEN

- Breakdown messages on the control board:

- Oven

Breakdown messages of oven

ERROR	DESCRIPTION	EFFECT	POSSIBLE CAUSES	SOLUTION
EF1	Break down of the electric circuit of the chamber probe 1 (rear)	The unit uses the chamber probe 2 (if this one is broken too, the oven stops and it's not possible to restart it. The display shows the letters EF1)	The connection wires of the chamber probe 1 are disconnected from the power card	Check the electrical circuit connection
			Damaged cavity probe 1	Check and eventually replace the probe
			Damaged power card	Replace power card
EF2	Break down of the electric circuit of the chamber probe 2 (front)	The unit uses the chamber probe 1 (if this one is broken too, the oven stops and it's not possible to restart it. The display shows the letters EF2)	The connection wires of the cavity probe 2 are disconnected from the power board	Check the electrical circuit connection board
			Damaged cavity probe 2	Check and eventually replace the probe
			Damaged power card	Replace power card
EF3	Break down of the electric circuit of the chamber core probe	Impossible to set heart temperature and use the programmes that use the core probe	The connection wires of the core probe are disconnected from the power card	Check the electrical circuit connection
			Damaged core probe	Check and eventually replace the probe
			Damaged power card	Replace power card
EF4	Motor thermal protection intervention	The oven stops and it's not possible to restart it again	The minimum distance between free room and the appliance is not respected	Keep the minimum distance between ovens and walls as suggested in the Unox instruction guide (5 cm to 10 cm)
			Defective capacitor - the motor takes longer to reach the normal speed, vibrations, etc	Check and eventually replace the capacitor
			Damaged motor bearing	Replace the motor
			Damaged power card	Replace power card
EF5	Safety thermostat intervention	The oven stops and it's not possible to restart again	The sensor has detected a temperature over 318°C in the external part of the chamber - even if the probe was setted to lower temperatures	Check the effective chamber temperature: - if the oven probe is right the Safety Termostat is defective and it should be replaced - if the temperature misured by the oven is wrong a probelm occurred in the chamer probes, refer to EF1 or EF2 for the diagnosys and fixing.
			The sensor has detected a temperature over 318°C in the external part of the chamber - when the chamber temperature was setted to approx 300 °C	Control that the minimum distance between ovens and walls as suggested in the Unox instruction guide (5 cm to 10 cm) is respected
EF6	Break down of the electric circuit of the power board	The oven stops and it's not possible to restart again	Control board / Power card connecting cable is damaged or disconnected	Check and eventually replace the connecting cable
			Damaged power card	Replace power card
EF7	Loss of communication between oven and connected accessories	The accessory doesn't starts	Cable connection (RJ45) between oven and accessory is damaged or disconnected	Check and eventually replace the RJ45 cable
			Damaged power card of accessory	Replace power card

1. Breakdown Messages (Series 4)

BLAST CHILLER – HOLDING CABINET

- Blast Chiller

- Holding Cabinet

Breakdown messages of blast chiller

ERROR	DESCRIPTION	EFFECT	POSSIBLE CAUSES	SOLUTION
EA1	Break down system of electric circuit of the chamber probe	The blast chiller stops and it's not possible to restart (remains the letters EA1)	The connection wires of the cavity probe are disconnected from the power card	Check the electrical circuit connection
			Damaged chamber probe	Check and eventually replace the probe
			Damaged blast chiller power card	Replace power card
EA2	Break down system of electric circuit of the chamber core probe	Impossible to set heart temperature and use the programmes that use the core probe	The connection wires of the chamber probe are disconnected from the power card	Check the electrical circuit connection card
			Damaged core probe	Check and eventually replace the probe
			Damaged blast chiller power card	Replace power card
EA3	Overpressure	The blast chiller stops and it's impossible to restart (remains the letters EA3)	Overpressure in the refrigeration circuit	Switch off the power supply of the blast chiller, wait for some minutes and then switch on again. If remains the letter EA3 check the refrigeration circuit
			Damaged blast chiller power card	Replace power card
EA4	Filter cleaning	Don't change the normal work of blast chiller but it will always remain the message EA4 for 3"	Filters working limit reached	Clean or replace the filter
EA5	Loss of communication between oven and blast chiller	The blast chiller stops and it's impossible to restart	Oven / blast chiller connecting cable is damaged or disconnected	Check and eventually replace the connecting cable
			Damaged blast chiller power card	Replace power card

Breakdown messages of holding cabinet

ERROR	DESCRIPTION	EFFECT	POSSIBLE CAUSES	SOLUTION
EL1	Break down system of electric circuit of the chamber probe	The holding cabinet stops and it's not possible to restart	The connection wires of the cavity probe are disconnected from the power card	Check the electrical circuit connection
			Damaged chamber probe	Check and eventually replace the probe
			Damaged holding cabinet power card	Replace power card
EL2	Break down system of electric circuit of the chamber humidity probe	The temperature control keeping to work, the water electrovalve and the resistance are deactivate	The connection wires of the humidity probe are disconnected from the power card	Check the electrical circuit connection card
			Damaged humidity probe	Check and eventually replace the probe
			Damaged holding cabinet power card	Replace power card
EL3	Loss of communication between oven and holding cabinet	The holding cabinet stops and it's not possible to restart	Oven / holding cabinet connecting cable is damaged or disconnected	Check and eventually replace the connecting cable
			Damaged holding cabinet power card	Replace power card

1. Breakdown Messages (Series 4)

HOOD – OSMOSIS KIT

- Hood

- Osmosis kit

Breakdown messages of hood

ERROR	DESCRIPTION	EFFECT	POSSIBLE CAUSES	SOLUTION
EC1	Damaged probe	The electrovalve water exit are deactivate and the motor runs continuously	The connection wires of the temperature probe are disconnected from the power	Check the electrical circuit connection
			Damaged temperature probe	Check and eventually replace the probe
			Damaged hood power card	Replace power card
EC2	Loss of communication between oven and hood	The hood doesn't work when the door opens	Oven / hood connecting cable is damaged or disconnected	Check and eventually replace the connecting cable
			Damaged hood power card	Replace power card

Breakdown messages of osmosis kit

ERROR	DESCRIPTION	EFFECT	POSSIBLE CAUSES	SOLUTION
EO1	Pressure transducer damaged	The exit pump and exit electrovalve are not working	Inlet pressure over 4 bar	Apply a pressure reducer to the water inlet
			Pressure transducer is damaged	Check and eventually replace pressure transducer
			Transducer / power card connecting cable is damaged or disconnected	Check and eventually replace the connecting cable
			Damaged osmosis power card	Check the presence of the signal from the control board, if detected replace power card of the accessory
EO2	Liter-counter damaged	The exit pump and exit electrovalve of the oven system closes	Liter-counter is damaged	Check and eventually replace liter-counter
			Liter-counter / power card connecting cable is damaged or disconnected	Check and eventually replace the connecting cable
			Damaged osmosis power card	Replace power card
EO3	Filter working limits reached	Do not change the regular working of osmosis but each time that starts the control and select the osmosis, remain the letters EO3 for 3"	Filters working limit reached	Check and eventually replace filter. After the filters replacement, push at the same time for 3 seconds the "STEP" + "START/STOP" buttons to reset "EO3" error message
EO4	Low water in pressure	The exit pump and exit electrovalve of the oven system closes	Inlet water pressure is too low	Check water inlet in osmosis kit
EO5	Loss of communication between oven and osmosis system	The osmosis doesn't work when turns on the oven	Oven / osmosis connecting cable is damaged or disconnected	Check and eventually replace the connecting cable
			Damaged osmosis power card	Replace power card