EO	Accidental flameout, the flame sensor could not detect the flame signal within 7s after the re-ignition process
	Check that the gas inlet pressure is 2,8 kPa (while the appliance is running) Check that the gas valve is supplying 2,8kPa to the burners while the appliance is running on maximum temperature Check whether the flame sensor is damaged or the connection wire is pulled off
	Change the diaphragm valve or controller
E1	No flame signal detected within 60s on the pilot flame or No flame signal detected within 10s on the main burner
	Check that the gas inlet pressure is 2,8 kPa Check whether the flame sensor is damaged or the connection wire is pulled off Check if thr pilot gas supply is twisted, blocked or cracked creating a leak Check for insects in the pilot burner tube Change the diaphragm valve or controller
E2	20 min shut off
	Run normally then close and re-open the tap
E4	Flame signal detected without any water flow Check that the gas inlet pressure is 2,8 kPa Change gas valve and perform a pressure test
E5	Faulty/damaged or unplugged output water temp sensor
	 Check if the water temp sensor is unplugged, damaged or burnt - Change the sensor
E6	Short circuit of the outlet water temp sensor Hot water has exceeded 85°C
	 Gas pressure MUST not exceed 2,8 kPa at the gas inlet
	Water pressure suddenly drops causing temp spike - check flow rate is above 3L/ min with the bucket test
	 Change the radiator water temp sensor for an 85°C sensor;
	Change the outlet temp. sensorChange the diaphragm valve or controller
E7	The gas flow is unstable, and has switched off 5x continuously
	 If it is the first time use or unit has been left unused for a long time - this is normal; Change the batteries for new batteries; Check that the gas inlet pressure is 2,8 kPa (while the appliance is running) Change the diaphragm valve or controller
E8	Water flow capacity is less than 3L/ min - open circuit of the over heat temperature sensor

Check tthat he gas inlet pressure is operating at 2,8 kPa (while the appliance is running) Water pressure suddenly dropped, causing a temperature spike (check the flow rate is above 3L/min with the bucket test)

· Change the gas valve or controller EΑ

Open circuit of input water temperature sensor Check whether the wire of the input water temp

sensor is pulled off, burnt or damaged Change the input water temperature sensor

ΕB One of the 2 CPUs of the controller is damaged Change the loom to gas valve Change the loom to LCD

- · Change the LCD screen · Change the controller
- EE **Controller malfunction** Change the controller
- LED The batteries are flat
- FLASH · Change the batteries
- PΑ Low battery
- BA · Change batteries 6A