Error Codes

12L & 16L Constant Temperature

Error	Fault	Solution
EO	**Accidental flameout, the flame sensor could not detect the flame signal within 7s after the re-ignition process**	Check the gas inlet pressure is operating at 2,8 kPa while the appliance is running Check 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** **No flame signal detected within 10s on the main burner**	Check the gas inlet pressure is operating at 2,8 kPa Check whether the flame sensor is damaged or the connection wire is pulled off Check whether the pilot gas supply pipe is twisted and blocked or cracked creating a leak Check for bugs or spiders in the pilot burner tube Change the diaphragm valve or controller
E2	**20 min shut off**	Normal operation, close and re-open the tap
E4	**Flame signal detected without any water flow**	Check the gas inlet pressure is operating at 2,8 kPa Change the gas valve and perform a pressure test
E5	**Faulty/damaged or unplugged output water temp sensor**	Check whether the water temp. sensor is unplugged, damaged or burnt Change the sensor
E6	**Short circuit of the outlet water temperature sensor** **Temperature of hot water has exceeded 85°C**	Check the gas pressure does not exceed 2,8 kPa at the gas inlet Water pressure suddenly dropped, causing a temperature spike (check the 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 sensor Change the diaphragm valve or controller

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E7	**The gas flow is unstable, and has switched off 5 times continuously**	It is normal if it is the first time operation or the appliance has been left unused for a long time; Change the batteries for new batteries; Check the gas inlet pressure is operating at 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 the 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
EA	**Open circuit of input water temperature sensor**	Check whether the wire of input water temp sensor is pulled off, burnt or damaged Change the input water temperature sensor
EB	**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 FLASH	**The batteries are flat**	Change the batteries
PA BA 6A	**Low battery**	Change batteries