

9. PROLONGED SHUTDOWN. FROST PROTECTION

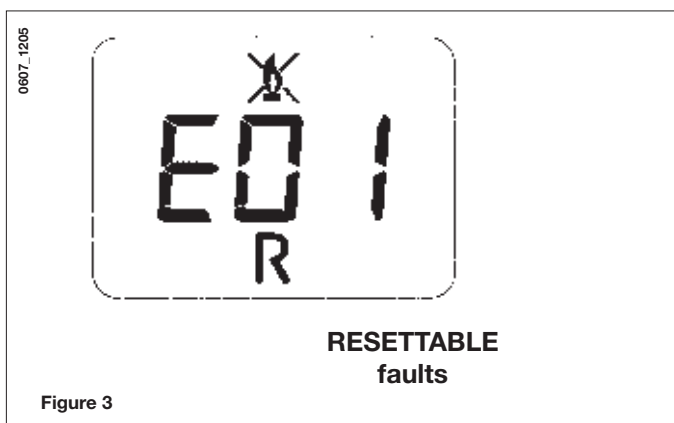
Do not drain the whole system as filling up with water again causes unnecessary and harmful scale to build up inside the boiler and the heating elements. If the boiler is not used during winter and is therefore exposed to the danger of frost, add some specific anti-freeze to the water in the system (e.g.: propylene glycol coupled with corrosion and scale inhibitors). The electronic boiler management system includes a “frost protection” function for the heating system which, when delivery temperature falls below 5°C, operates the burner until a delivery temperature of 30°C is reached.

The frost protection function is enabled if:

- * the boiler is electrically powered;
- * the gas tap is open;
- * the system is at the correct pressure;
- * the boiler is not blocked.

10. TROUBLESHOOTING

Faults are shown on the display with an error code (e.g.: E 01):



To RESET the boiler, press and hold down “R” for at least 2 seconds. If this fault persists, call the Authorised Service Centre.

N.B.: 5 reset attempts can be performed after which the boiler shuts down. To reset again, switch off the boiler for a few seconds.

CODE DISPLAYED	FAULT	CORRECTIVE ACTION
E01	Failed ignition shutdown	Press and hold down “R”. for at least 2 seconds. If this fault persists, call the Authorised Service Centre.
E02	Safety thermostat tripped	Press and hold down “R”. for at least 2 seconds. If this fault persists, call the Authorised Service Centre.
E03	Flue thermostat/ flue pressure switch tripped	Call the Authorised Service Centre.
E04	Shutdown after 6 consecutive flame losses	Press and hold down “R”. for at least 2 seconds. If this fault persists, call the Authorised Service Centre.
E05	Delivery probe failure	Call the Authorised Service Centre.
E06	DHW sensor fault	Call the Authorised Service Centre.
E10	Hydraulic pressure switch block	Check that the pressure in the system is correct; See section 6. If this fault persists, call the Authorised Service Centre.
E25/E26	Probable blocked pump safety trip.	Call the Authorised Service Centre.
E35	Parasite flame (flamer error)	Press and hold down “R”. for at least 2 seconds. If this fault persists, call the Authorised Service Centre.
E96	Switching off due to reductions in the power supply	RESET is automatic. If this fault persists, call the Authorised Service Centre.

N.B.: in case of a fault, the display backlighting flashes together with the error code.

11. ROUTINE MAINTENANCE INSTRUCTIONS

To keep the boiler efficient and safe, have it checked by the authorised Service Centre at the end of every operating period. Careful servicing ensures economical operation of the system.

Do not clean the outer casing of the appliance with abrasive, aggressive and/or easily flammable cleaners (e.g.: petrol, alcohol, and so on). Always switch off the appliance before cleaning it (see section 7 “Switching off the boiler”).