

All fault codes are shown as E with numbers(s) following. GA Range

If the code does not have an E prefix it is not a fault, it is an operating status code, boiler on/off or temperature etc. In these cases the user guide should be consulted.

In all cases the user should try to reset the boiler first; power cuts etc. can affect the normal boiler operation.

Fault codes that users may be able to clear

Code	Possible fault	User action
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E53	Poor combustion	Check flue terminal is not obstructed
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E110	Overheat	Check radiators are bled
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E117	System water pressure high	Bleed water from radiators
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E118	System water pressure low	Add water via filling loop
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E125	Overheat	Check radiators are bled
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E133 Gas supply fault Check gas is turned on, if repayment meter check there is credit. If all ok and E133 persists - contact engineer to visit.

Fault codes requiring an engineer or installer visit

Code	Possible fault	User action
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E09	Gas valve wiring	Engineer visit required
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E10	External sensor fault	Engineer visit required
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E12	Flow switch stuck open	Engineer visit required
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E13	Flow switch stuck closed	Engineer visit required
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E15	Gas valve/wiring/pcb fault	Engineer visit required
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E18	Auto water refill on	Should clear, if not engineer required
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E19 Auto refill on too long Installer to check system for water leaks

E20 Heating flow sensor fault Engineer visit required

E28 Flue sensor fault Engineer visit required

E40 Heating return sensor fault Engineer visit required

E55 PCB requires calibrating Installer to recalibrate boiler

E71 Fan parameter out of range Engineer visit required

E72 Combustion test out of range Installer to check calibration

E77

Flame sensing problem

Engineer visit required

E78 Minimum gas valve current Engineer visit required

E79 Maximum gas valve current Engineer visit required

E83/ 84/ 85/ 86/ 87 External wireless control communication Installer to reprogramme external control

E92 Combustion test failure Installer to check flue and terminal

E109 Water circulation Installer to check system for air and no circulation

E128 Loss of flame sensing Installer to check electrodes, flue and recalibrate boiler

E129 Loss of flame sensing Installer to check electrodes, flue and recalibrate boiler

E130 Flue overheat thermostat Installer to check system circulation

E134 No gas when valve opens Installer to check gas supply

E135 PCB error Engineer visit required

E154 Circulation fault Installer to check for poor circulation

E160

Fan fault

Engineer visit required

E270 Overheat/no circulation Installer to check for poor circulation

E317 Power supply frequency Installer to check main power supply is 240v/ 50Hz

E321 Hot water sensor Engineer visit required

E384 Flame sensing error Engineer visit required

E385 Low voltage Installer to check mains voltage

E430 Water pressure Installer to check circulation

E431 Heat exchanger sensor Engineer visit required