A1: Water is leaking or the pump needs replacing or freeing due to the pump running dry

A7: The hot water negative thermistor coefficient (NTC) sensor is defective – the hot water sensor or connecting leads need checking

A8: Break communication to FX sensor controls electrical connections need checking

A7: The hot water negative thermistor coefficient (NTC) sensor is defective – the hot water sensor or connecting leads need checking

B1: Code plug not detected

C6: Fan speed too low – the fan lead and connector need checking and may need replacing

E2: Central heating (CH) water flow negative thermistor coefficient (NTC) sensor defective check CH flow NTC sensor and connection leads

A7: The hot water negative thermistor coefficient (NTC) sensor is defective – the hot water sensor or connecting leads need checking

E9: Safety temperature limiter in central heating (CH) flow has tripped the system pressure or safety temperature limiter needs checking

EA: Flame not detected due to a gas issue – the gas supply, power supply or igniter, electrode and lead need checking – contact a Gas Safe installer

F0: Internal error – electrical connector contacts or programmer interface module – check ignition leads are not loose

F7: Flame detected even though the appliance is switched off – check the electrode assembly is dry and the pcb and flue are clear

FA: Flame detected after gas shut off – the gas valve needs checking – hire a Gas Safe installer

FD: Reset button pressed by mistake – press reset button again

A1 Pump dry run detection or pump is running in air the system pressure needs checking

A5 Tank negative thermistor coefficient (NTC) defect

A7 Domestic hot water (DHW) negative thermistor coefficient (NTC) defect

A8 Energy Management System (EMS) communication error

B1 Code plug not detected

B2, B3, B4, B5, B6 Data error

B7 Burner control error

C6 Fan defect

D3 External temperature limiter

D5 Condensate pump failure

D6 Internal heat bank overflow

EA Flame not detected

E2	Primary negative thermistor coefficient (NTC) defect
E9	Safety temperature limiter in central heating (CH) flow stat tripped
F0	Internal error
F1	ROM fault
F7	Flame detected after appliance has been shut off
FA	Flame detected after gas shut off
FD	Reset button pressed – try pressing the reset button again
T1	Ignition test – checking the igniter spark
T2	Fan test – checking the basic fan
T3	Pump test – checking the basic pump
T4	Three way valve test
T6	Ionisation oscillator test
9A 362	Error – incorrect HCM fitted
9U 233	Heat Control Module (HCM) error – problem with code plug
B7 257	Internal error – possible control board problem
C6 215	Fan problem – fan running too fast
C7 214	Fan problem – fan not running
D1 240	Return sensor error – sensor may be wet or damaged
E2 222	Flow sensor short circuit error
E5 218	Flow temperature too high
E9 219	Safety sensor fault – temperature too high, sensor short circuit or open circuit
EA 227	No flame detected or flame signal loss during operation
F0 237	Internal error
F7 228	Flame error – false flame or flame detected before burner starter
FA 306	False flame fault – flame detected after burner stop
FD 231	Mains power fault – electrical power interruption
FA 364	Gas valve EV2 leak test failed – gas valve leak
FA 365	Gas valve EV1 leak test failed
A1 281	Pump stuck or running with air in the system
C1 264	Airflow stopped during operation
C4 273	Airflow present during last 24 hours

D1 240 Return sensor short circuit

D4 271 Temperature difference between flow and safety sensor exceeds limit

E9 224 Max thermostat activated – flue gas thermostat overheat

EA 277 No ionisation detected after ignition

EF 349 Central heating boil detected – boiler operating at minimum burner load with temperature difference greater than 18°C between Flow & Return.

NO CODE 212 Safety or flow temperature rising too fast