



## Common Ideal Boiler Error Codes

Fault Code	System Behaviour
0	The boiler is in standby mode awaiting either a central heating call or hot water demand
C	The boiler has a call for central heating but the appliance has reached the desired temperature set on the boiler OR The boiler is operating in hot water mode
C0	Boiler chip card (BCC) activation fault
C2	Boiler chip card (BCC) fault
d	The boiler is operating in hot water mode
D	The boiler has a call for hot water but the appliance has reached the desired temperature set on the boiler
F	The boiler is operating in frost mode
F1	Low water pressure
F2	Flame loss
F3	Fan fault
F4	Flow thermistor fault
F5	Return thermistor fault
F6	Outside sensor failure
F7	Low mains voltage
F9	Unconfigured printed circuit board (PCB)
L1	Flow temperature overheat or no water flow
L2	Flame loss
L5	5 boiler resets in 15 minutes
L6	False flame lockout

## Ideal Logic Max System / Logic Plus System Boiler Error Codes

Fault Description	System Behaviour
L1	Flow temperature overheat lockout or no water flow lockout
L2	Ignition lockout
LC	Turn power off and on
L6	False flame lockout
F1	Low water pressure
F2, FN or LN	Flame loss
F3	Fan fault
L4 or F4	Control / no flow thermistor fault
L5 or F5	Return thermistor fault
F6	Outside sensor fault
F7	Low mains voltage. Contact electricity provider.
F9, L9, F8 or L8	Printed circuit board (PCB) unconfigured or fault
FU	Diff greater than 50c check isolation valves are open
No central heating	Boiler problems? <a href="#">Book an engineer now</a>
No hot water	
No display	



## Ideal Logic Max / Logic Plus Regular Boiler Error Codes

Fault Description	System Behaviour
L1	Flow temperature overheat lockout or no water flow lockout
L2	Ignition lockout
LC	5 restarts within 15 minutes
L6	False flame lockout
FA	Flow return reversed
FD	No water flow
F2 or FN or LN	Flame loss
F3	Fan fault
L4 or F4	Control / no flow thermistor fault
L5 or F5	Return thermistor fault
F6	Outside sensor fault
F7	Low mains voltage Contact electricity provider
F9, L9, F8 or L8	Printed circuit board (PCB) unconfigured or fault
FU	Diff greater than 50c check isolation valves are open
No central heating	Boiler problems? <a href="#">Book an engineer now</a>
No hot water	
No display	

## Ideal Logic Max Plus Combi Boiler Error Codes

Fault Description	System Behaviour
Overheat lockout	Bleed radiators, refill system to 1.2 bar. Check that all radiator and boiler valves are open and reset boiler. If fault continues, <a href="#">book an engineer</a> .
Ignition lockout	Check gas appliances work and restart boiler.
Too many restarts	5 starts within 15 minutes. Turn power on and off.
Flame on before gas on	False flame lockout.
Water pressure	With boiler off and system cold fill system to 1.0 bar and bleed radiators if fault continues contact an installer.

## Ideal Vogue Boiler Error Codes



Fault Description	System Behaviour
Too many resets	5 restarts within 15 minutes
Flame on before gas valve on	Flame on before gas valve is on
Flow thermistor fault	Flow thermistor error
Low mains voltage	Less than 185v to boiler then check voltage at boiler mains in if mains voltage is okay pump needs replacing
Low water pressure	Low water pressure
Flow return reversed	Check if the flow thermistor is correctly clipped to pipe. If not, replace flow thermistor.
Printed circuit board (PCB) recently replaced	Reset boiler
Pump rotor blocked	Unblock pump
Flow temperature setpoint cannot be increased to 80c	Check flow and return thermistors securely clamped to pipes check flow and return thermistor
Overheat lockout error	Boiler problems? <a href="#">Book an engineer now</a>
Ignition lockout	
Flame loss	
Thermal fuse lockout	
Outside sensor fault	
Return thermistor fault	
Fan fault	
Printed circuit board (PCB) error	
No central heating but domestic hot water working	
No hot water but central heating working	
No water flow fault	
No water flow fault	