



# Manufacturer Error Codes

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At Boiler Guide we've been producing heating guides and advice for customers for over 15 years. We're proud to say that we've become the trusted source for millions of customers who visit [boilerguide.co.uk](http://boilerguide.co.uk) every year looking for solutions to their heating requirements.

We also work with 1000s of Gas Safe registered installers providing a pay-as-you-go lead generation service helping companies of all sizes to grow their business.

Over the years we've been able to gather a wealth of industry knowledge and we've gained an understanding of the vast array of things people search for when it comes to heating. Safe to say '**what does this error code on my boiler mean?**' tends to feature quite heavily.

With so many makes, models and manufacturers of gas boilers available in the UK, it's impossible for even the most experienced of installers to know the system behaviour relating to every error code.

With this in mind we decided to take on the unenviable task of collating error codes from five of the most popular boiler brands to provide installers and homeowners with a quick go-to source when a boiler fault occurs - hopefully making your life a little easier.

We hope you find this easy to read guide helpful.

Best,

**David Holmes**  
**Boiler Guide Founder**

# Ideal Boiler Error Codes

General Ideal Boilers

Logic Max System / Logic Plus system boilers

Logic Max & Logic Plus regular boilers

## Ideal Boiler Error Codes

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

## 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	Difference greater than 50c – check isolation valves are open

## 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



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