



# **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
С	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
CO	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	
No hot water	Boiler problems? <u>Book an engineer now</u>
No display	

t 020 8879 7372

e hello@happydogplumbing.london

w www.happydogplumbing.london

Give us a call on the dog & bone!





## 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? <u>Book an engineer now</u>
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, book an engineer.
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**

Trident Business Centre 89 Bickersteth Road London SW17 9SH t 020 8879 7372

e hello@happydogplumbing.london

w www.happydogplumbing.london

Give us a call on the dog & bone!





Too many resets   5 restarts within 15 minutes     Flame on before gas valve on fault   Flame on before gas valve is on flow thermistor fault   Flame on before gas valve is on flow thermistor fault     Low water pressure   Eless 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 thermistor increased to 80c   Check flow and return thermistors securely clamped to pipes check flow and return thermistor     Overheat lockout error fault   Check flow and return thermistors securely clamped to pipes check flow and return thermistor     Outside sensor fault   Boiler problems? Book an engineer now     Printed circuit board (PCB) error   Boiler problems? Book an engineer now     No central heating No hot water but central heating   Book an engineer now	Fault Description	System Behaviour
Flame on before gas valve on Flow thermistor fault   Flame on before gas valve is on     Flow thermistor fault   Flow thermistor fault   Flow thermistor error     Low mains voltage pump needs replacing   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   Low water pressure     Flow thermistor.   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 error   Check flow and return thermistors securely clamped to pipes check flow and return thermistor     Goverheat lockout error   Flame loss     Thermal fuse lockout   Boiler problems? Book an engineer now     Printed circuit board (PCB) error   Boiler problems? Book an engineer now     No not water but central heating   No hot water but central heating		
gas valve on Flow thermistor fault   Flame on before gas valve is on Flow thermistor fault     Low mains voltage Low water pressure   Flow thermistor error     Low water pressure   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)   Reset boiler     Permerature setpoint cannot be increased to 80c   Unblock pump     Check flow and return thermistors securely clamped to pipes check flow and return thermistor     Overheat lockout error   Check flow and return thermistors securely clamped to pipes check flow and return thermistor     Outside sensor fault   Boiler problems? Book an engineer now     Printed circuit board (PCB) error   Boiler problems? Book an engineer now     No hot water but central heating   No hot water but central heating		
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 to 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     Check flow and return thermistors securely clamped to pipes check flow and return thermistor     Overheat lockout error   Check flow and return thermistors securely clamped to pipes check flow and return thermistor     Thermal fuse lockout   Boiler problems? <u>Book an engineer now</u> Printed circuit board (PCB) error No central heating but domestic hot water working   Boiler problems? <u>Book an engineer now</u>		Flame on before gas valve is on
Low mains voltage   pump needs replacing     Low water   Low water pressure     Low water pressure   Low water pressure     Flow return   Check if the flow thermistor is correctly clipped to pipe. If not, replace flow thermistor.     Printed circuit   board (PCB)     presently replaced   Reset boiler     Pump rotor   Unblock pump     blocked   Unblock pump     Check flow and return thermistors securely clamped to pipes check flow and return thermistor     overheat lockout   Check flow and return thermistors securely clamped to pipes check flow and return thermistor     Ignition lockout   Flame loss     Thermal fuse lockout   Boiler problems? Book an engineer now     Printed circuit   Boiler problems? Book an engineer now     Printed circuit central heating   No hot water but central heating	Flow thermistor	Flow thermistor error
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 Check flow and return thermistors securely clamped to pipes check flow and return thermistor   Ignition lockout Flame loss Flame loss   Thermal fuse lockout Boiler problems? Book an engineer now   Printed circuit board (PCB) error Boiler problems? Book an engineer now   No hot water but central heating No hot water but central heating	Low mains voltage	
reversed   thermistor.     Printed circuit board (PCB)   Reset boiler     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   Check flow and return thermistors securely clamped to pipes check flow and return thermistor     Ignition lockout   Flame loss     Thermal fuse lockout   Boiler problems? Book an engineer now     Printed circuit board (PCB) error   Boiler problems? Book an engineer now     No central heating but domestic hot water working   Boiler problems? Book an engineer now		-
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   Check flow and return thermistors securely clamped to pipes check flow and return thermistor     Ignition lockout   Flame loss     Thermal fuse lockout   Flame loss     Outside sensor fault   Boiler problems? Book an engineer now     Printed circuit board (PCB) error   Boiler problems? Book an engineer now     No central heating but domestic hot water working   Boiler problems? Book an engineer now		
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   Flame loss     Ignition lockout   Flame loss     Thermal fuse lockout   Flame loss     Outside sensor fault   Boiler problems? Book an engineer now     Printed circuit board (PCB) error   Boiler problems? Book an engineer now     No central heating but domestic hot water working   Boiler problems? Book an engineer now	board (PCB) recently replaced	Reset boiler
setpoint cannot be increased to 80c Check flow and return thermistors securely clamped to pipes check flow and return thermistor   Overheat lockout error error   Ignition lockout Flame loss   Thermal fuse lockout error   Outside sensor fault ensor   Return thermistor fault Boiler problems? Book an engineer now   Printed circuit board (PCB) error Boiler problems? Book an engineer now   No hot water working No hot water but central heating	blocked	Unblock pump
errorIgnition lockoutFlame lossThermal fuse lockoutOutside sensor faultReturn thermistor faultFan faultBoiler problems? Book an engineer nowPrinted circuit board (PCB) errorNo central heating but domestic hot water workingNo hot water but central heating	setpoint cannot be	
Thermal fuse lockout   Outside sensor fault   Return thermistor fault   Fan fault   Boiler problems?   Book an engineer now   Printed circuit board (PCB) error   No central heating but domestic hot water working   No hot water but central heating	error Ignition lockout	
Outside sensor   fault   Return thermistor   fault   Fan fault   Boiler problems?   Book an engineer now   Printed circuit   board (PCB) error   No central heating   but domestic hot   water working   No hot water but   central heating	Thermal fuse	
fault Fan fault   Fan fault Boiler problems? Book an engineer now   Printed circuit board (PCB) error   No central heating but domestic hot water working   No hot water but central heating Fault	Outside sensor	
Printed circuit board (PCB) error No central heating but domestic hot water working No hot water but central heating		
board (PCB) error No central heating but domestic hot water working No hot water but central heating	Fan fault	
but domestic hot water working No hot water but central heating		
central heating	No central heating but domestic hot	
working	No hot water but	
No water flow fault		
No water flow fault	No water flow fault	

t 020 8879 7372

e hello@happydogplumbing.london

w www.happydogplumbing.london

Give us a call on the dog & bone!