



LG Air Conditioning Fault Codes Explained

Like all appliances and electronic equipment, there will come a time where your air conditioning will encounter a fault. When that happens, swift action is required to minimise downtime and inconvenience. Knowing your unit's particular fault codes and what they mean can help you diagnose the issue and inform your engineer of the issue, allowing for a quick resolution.

Wall Units (Single split)

C1 or CH1 A fault with the indoor temperature sensor, open or closed circuit	C2 or CH2 2 A fault with the indoor temperature sensor, open or closed circuit	C4 or CH4 4 There's an issue with the heat sink temperature sensor, open or closed circuit
C5 or CH5 5 The issue is with the communication between indoor and outdoor units	C6 or CH6 6 The inverter DC power circuit is experiencing excessive voltage (can be indoor pipe outlet sensor, or outdoor condenser sensor on some models)	C7 or CH7 7 There's excessive compressor current present
C8 or CH8 8 The indoor fan has stopped rotating	C9 or CH9 9 The outdoor fan has stopped rotating	CA 10 The discharge temperature has exceeded 130 degrees or there is a fault with the discharge thermistor
CC 2 + 1 EEPROM error	CD 3 + 1 The inverter module has encountered an error	Po System in Power Mode - this is not a fault
Lo System in test mode - this is not a fault	Please note: on units with alpha-numeric displays, the letter/number combination is an indicator of the fault. On other units, the number of flashes, as indicated by the yellow numbers above, conveys the type of fault. There is a 3 second delay between repeated flashes.	

Air sensor (open/short) Open / Short circuit	Inlet pipe sensor Open / Short circuit	Communication (Indoor ↔ Wired R/Control) Communication Poorly
04 Drain pump / Float switch Float switch Open circuit (High level water alarm)	05 Communication (Indoor ↔ Outdoor) Communication Poorly	06 Outlet pipe sensor Open / Short circuit
07 Different operation mode Indoor units set in different operation modes	09 Checksum Error Defective PCB or EEPROM Connections	10 BLDC Motor Fan Lock (Indoor) Fan Motor or PCB Defective
HL Hard Lock (Controlled by External Source) Controlled by Dry Contact or Central Controller	CL Child Lock Function selected: Not an error, press Timer & Min buttons simultaneously for 3 seconds to toggle on/off	Po Jet Cool Mode selected Not an error, press Jet Cool button to toggle

Wall Units (Single split)

C1 or **CH1**: A fault with the indoor temperature sensor, open or closed circuit

C2 or **CH2** **2**: A fault with the indoor temperature sensor, open or closed circuit

C4 or **CH4** **4**: There's an issue with the heat sink temperature sensor, open or closed circuit

C5 or **CH5** **5**: The issue is with the communication between indoor and outdoor units

C6 or **CH6** **6**: The inverter DC power circuit is experiencing excessive voltage (can be indoor pipe outlet sensor, or outdoor condenser sensor on some models)

C7 or **CH7** **7**: There's excessive compressor current present

C8 or **CH8** **8**: The indoor fan has stopped rotating

C9 or **CH9** **9**: The outdoor fan has stopped rotating

CA **10**: The discharge temperature has exceeded 130 degrees or there is a fault with the discharge thermistor

CC **2 + 1**: EEPROM error

CD **3 + 1**: The inverter module has encountered an error

Po: System in Power Mode – this is not a fault

Lo: System in test mode – this is not a fault

numbers above, conveys the true type of fault. There is a 3 second delay between repeated flashes.

Universal units (including multi-split)

01: Air sensor (open/short) Open / Short circuit

02: Inlet pipe sensor Open / Short circuit

03: Communication(Indoor ↔ Wired R/Control) Communication Poorly

04: Drain pump / Float switch Float switch Open circuit (High level water alarm)

05: Communication(Indoor ↔ Outdoor) Communication Poorly

06: Outlet pipe sensor Open / Short circuit

07: Different operation mode Indoor units set in different operation modes

09: Checksum Error Defective PCB or EEPROM Connections

10: BLDC Motor Fan Lock (Indoor) Fan Motor or PCB Defective

HL: Hard Lock (Controlled by External Source) Controlled by Dry Contact or Central Controller

CL: Child Lock Function selected: Not an error, press Timer & Min buttons simultaneously for 3 seconds to toggle on/off

Po: Jet Cool Mode selected Not an error, press Jet Cool button to toggle

If you're looking for assistance with your LG air conditioning fault codes or your [air conditioning system](#) in general, please get in touch with us at Airway Air Conditioning and we will do our best to help.