

LG Air Conditioner Multi Split Units Fault Codes

If more than two troubles occur simultaneously, the lower numbered error code is displayed first.

INDOOR UNIT FAULTS	FASCIA LED'S RED	FASCIA LED'S GREEN	CONTENTS	CASE OF ERROR	INDOOR STATUS
CH01 or C1	None	1 Flash	Indoor Air Sensor (Open/Short)	Open or Short Circuit	Off
CH02 or C2	None	2 Flash	Inlet Pipe Sensor	Open or Short Circuit	Off
CH03 or C3	None	3 Flash	Communication (Indoor Wired R/Control)	Data Communication Fault	Off
CH04 or C4	None	4 Flash	Drain Pump / Float Switch	Float Switch Open Circuit (High Level Water Alarm)	Off
CH05 or C5	None	5 Flash	Communication Error (Indoor Outdoor)	Data Communication Fault	Off
CH06 or C6	None	6 Flash	Outlet Pipe Sensor	Open or Short Circuit	Off
CH07 or C7	None	7 Flash	Different Operation Mode	Indoor Unit is Set in Different Cool/Heat Operation Mode	Off
CH09 or C9	None	9 Flash	EEPROM Check Sum	Check Sum Mis-matching	Off
CH10 or CA	1 Flash	None	BLDC Fan Motor Lock	Fan Motor not Operating	Off
HL			High Limit (Float Switch) or Hard Lock	Same as CH 04 (Float Switch Open Circuit) or Unit under Central Control	Off

INDOOR UNIT FAULTS	FASCIA LED'S RED	FASCIA LED'S GREEN	CONTENTS	CASE OF ERROR	INDOOR STATUS
CL			Child Lock Function Selected	Not an Error, Press Timer & Min Buttons Simultaneously for 3 seconds to Toggle On/Off	On
Po			Jet Cool Mode Selected	Not an Error, Press Jet Cool Button to Toggle On/Of	On
Lo			System in Test Mode	Not an Error	On
21	2 times	1 time	IPM Fault (Compressor Over Current)	Compressor Malfunction, IPM Fault	Off
22	2 times	2 times	CT 2 (Max. Current)	Current is 14A	Off
23	2 times	3 times	DC Link Low Volt	DC Link Voltage is 140V	Off
24	2 times	4 times	Low / High Pressure	Low / High Press Switch OPEN Circuit	Off
25	2 times	5 times	AC Low / AC High Volts	Abnormal AC Input Voltage (140V , 300V)	Off
26	2 times	6 times	DC Compressor Position	Position Detection Error	Off
27	2 times	7 times	PSC Fault (Reactor)	Over Current at "IGBT"	Off
28	2 times	8 times	DC Link High Volts	DC Link Voltage is 420V	Off
32	3 times	2 times	Discharge Pipe Temp. High (INV. Compressor)	Discharge Sensor High Temp. (105oC)	Off

INDOOR UNIT FAULTS	FASCIA LED'S RED	FASCIA LED'S GREEN	CONTENTS	CASE OF ERROR	INDOOR STATUS
33	3 times	3 times	Discharge Pipe Temp. High (Cons. Compressor)	Discharge Sensor High Temp. (105oC)	Off
40	4 times		CT Circuit	CT Circuit malfunction Off	Off
41	4 times	1 times	D-Pipe Sensor INV. Compressor (Open/Short)	Open / Short Circuit	Off
44	4 times	4 times	Air Sensor (Open/Short)	Open / Short circuit	Off
45	4 times	5 times	Cond. Pipe Sensor (Open/Short)	Open / Short circuit	Off
46	4 times	6 times	Suction Pipe Sensor (Open/Short)	Open / Short circuit	Off
47	4 times	7 times	D-Pipe Sensor Cons. Compressor (Open/Short)	Open / Short circuit	Off
48	4 times	8 times	D-Pipe & Air Sensor (Open)	Dual Sensor unplugged	Off
51	5 times	1 times	Over Capacity	Over Capacity Combination	Off
53	5 times	3 times	Communication Error (Indoor Outdoor)	Poor/Loss of Communication	Off
60	6 times		EEPROM Check Sum	Check Sum Mis-Match	Off

INDOOR UNIT FAULTS	FASCIA LED'S RED	FASCIA LED'S GREEN	CONTENTS	CASE OF ERROR	INDOOR STATUS
61	6 times	1 times	Cond. Pipe Sensor Temp	Cond. Temp. High (65oC)	Off
62	6 times	2 times	Heat Sink Sensor Temp	Heat Sink Temp. High (85oC)	Off
65	6 times	5 times	Heat Sink Sensor (Open/Short)	Open / Short circuit	Off

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