

Mini-Split Troubleshooting Card -- Error Codes for the Top 5 Brands

A field-reference card for decoding mini-split error codes on LG, Mitsubishi, Daikin, Fujitsu, and Pioneer. Print and keep near the unit.

WHO IT IS FOR

Mini-split owners across the Birmingham east corridor who want to know what the blinking lights actually mean before calling.

WHAT IS INSIDE

The top 8 error codes for each of LG, Mitsubishi, Daikin, Fujitsu, and Pioneer. What each one means in plain English. Which ones are safe to reset and which need a tech.

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Read online: <https://emergencyacrepairservice.com/downloads/mini-split-troubleshooting-error-codes-top-5-brands/>

How to read a mini-split error code

Mini-splits indicate faults two ways: a steady or blinking pattern of LEDs on the indoor unit, or a code displayed on a remote with a display screen. The pattern or code maps to a fault category -- temperature sensor, refrigerant pressure, communication, fan motor, control board, etc. Each manufacturer uses its own table. The codes below are the most common ones in Birmingham residential service.

LG mini-splits -- top 8 codes

- * CH 01 -- Indoor air temperature sensor open. Sensor or wiring issue. Tech
- * CH 02 -- Indoor pipe temperature sensor. Sensor failure. Tech
- * CH 05 -- Indoor/outdoor unit communication error. Often a wiring fault between units. Tech
- * CH 06 -- Outdoor unit pipe temperature sensor. Tech
- * CH 09 -- Indoor unit EEPROM error (memory). Reset attempt OK; if returns, control board issue
- * CH 10 -- Indoor BLDC fan motor lock. Indoor fan won't turn freely. Tech
- * CH 21 -- Compressor IPM fault. Compressor protection. Power off the unit at the breaker for 5 minutes, restore. If returns, tech
- * CH 38 -- Refrigerant cycle low pressure protection. Refrigerant level low. Tech

Mitsubishi mini-splits -- top 8 codes

- * P5 -- Drain pump float switch activated. Indoor unit drain is clogged. Clean drain line. Often resets itself once drain clears
- * P6 -- Freeze protection / overheat protection. Filter dirty, indoor airflow restricted. Replace filter, clear coil. Reset
- * P8 -- Pipe temperature sensor fault. Tech
- * E0 -- Communication error indoor to outdoor. Tech
- * E3 -- Indoor unit communication. Tech
- * E6 -- Communication error. Often resets if both indoor and outdoor are power-cycled at breaker
- * F1 -- Reverse phase wiring. Outdoor unit wired incorrectly. Tech only
- * F4 -- Open inverter circuit. Tech

Daikin mini-splits -- top 8 codes

- * A1 -- Indoor PCB defective. Tech
- * A5 -- High pressure switch activated. Check outdoor coil for obstruction, dirty coil. Clean if needed. Reset
- * A6 -- Indoor fan motor fault. Tech
- * C4 -- Indoor heat exchanger thermistor. Sensor issue. Tech
- * C5 -- Indoor heat exchanger thermistor. Tech
- * C9 -- Indoor suction thermistor. Tech
- * E5 -- Compressor overload. Power off at breaker 10 minutes. Restore. If returns within 24 hours, tech
- * U4 -- Communication fault indoor-outdoor. Tech

Fujitsu mini-splits -- top 8 codes

- * 11 -- Communication error indoor to outdoor unit. Tech
- * 12 -- Communication error remote to indoor. Try replacing remote batteries first
- * 13 -- Indoor temperature sensor. Tech
- * 14 -- Indoor pipe sensor. Tech
- * 21 -- Outdoor unit current sensor. Tech
- * 22 -- Outdoor temperature sensor. Tech
- * 24 -- Outdoor heat exchanger sensor. Tech
- * 27 -- Outdoor compressor temperature sensor. Tech

Pioneer mini-splits -- top 8 codes

- * E1 -- Indoor air temp sensor fault. Tech
- * E2 -- Indoor coil sensor fault. Tech
- * E3 -- Outdoor coil sensor fault. Tech
- * E4 -- Outdoor pipe sensor fault. Tech
- * E5 -- Outdoor ambient sensor. Tech
- * F1 -- Outdoor fan motor fault. Tech
- * F2 -- Compressor overcurrent. Power off at breaker 10 minutes, restore. If returns, tech
- * F4 -- Communication fault. Tech (often a wiring issue between indoor and outdoor)

Codes you can usually clear yourself

Across all five brands, these are typically homeowner-resettable:

- * Drain pump / drain switch errors -- clear the drain line
- * Filter dirty / freeze protection -- replace filter, clear coil
- * Communication errors caused by power glitch -- power-cycle both indoor and outdoor units at the breaker for 10 minutes
- * Remote control communication -- replace remote batteries

Codes that always need a tech

- * Sensor faults (any thermistor or temperature sensor)
- * Compressor faults (IPM, overcurrent, overload that returns after one reset)
- * Refrigerant pressure faults
- * Inverter / PCB / control board errors
- * Fan motor faults
- * Repeated communication errors after a reset

Pre-call checklist

Before calling for a mini-split service appointment, gather:

- * Exact error code (write it down, take a picture of the LED pattern)
- * Brand and model number (sticker on the side of the indoor head unit)
- * How long has this been happening
- * Did anything happen before it started (storm, power outage, install work)
- * Has the filter been replaced recently

Sources

- * LG Mini-Split Service Manuals
- * Mitsubishi Electric -- Service Manual Database
- * Daikin Industries -- Technical Service Bulletins
- * Fujitsu General -- Service Information Database
- * Pioneer Mini-Split -- Technical Documentation
- * EPA Section 608 -- Refrigerant Handling

Disclaimer

This guide is informational. It is not a substitute for licensed HVAC inspection, diagnosis, or service. Conditions vary by home and equipment. Refrigerant work, gas-line work, and high-voltage electrical work require an EPA Section 608 certified technician and a licensed HVAC contractor under Alabama law. When in doubt, call.

No pricing on this site is a quote. No response time is a guarantee. All ranges shown are observed market data, not promises.

About the author

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John has been turning wrenches on Birmingham HVAC systems for 25 years. Alabama HVAC contractor licensed, bonded, and insured. EPA Section 608 Universal certified. He has walked roofs, attics, crawlspaces, and condenser pads across every neighborhood in this metro and has written every guide on this site from the working tech's perspective -- not the salesman's.

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Emergency AC Repair Service

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