

Quick decoder for the diagnostic LED on Goodman boards (2026)

LED flash patterns and what they mean

Steady on	Normal operation, no fault detected.
Slow flash	Normal call for heat in progress.
1 flash	Open external limit switch (the furnace overheated).
2 flashes	Pressure switch stuck closed at startup.
3 flashes	Pressure switch open during operation (drainage or vent issue).
4 flashes	Open thermal fuse or rollout switch (heat exchanger area).
5 flashes	Flame sensed with no call for heat (gas valve leak).
6 flashes	Ignition lockout after failed ignition attempts.
7 flashes	Gas valve circuit fault.
8 flashes	Low flame sense signal (dirty flame sensor).
9 flashes	Reversed polarity on incoming power.
10 flashes	Limit circuit fault.

What to do before calling for service

1 Check the air filter

A clogged filter triggers limit faults and pressure switch errors. Replace and reset.

2 Confirm thermostat settings

Heat mode, set point above current room temperature, batteries fresh.

3 Verify the condensate drain is clear

A blocked condensate trap causes pressure switch faults on high-efficiency furnaces.

4 Reset the furnace once

Cycle power at the disconnect, wait 60 seconds, restore. Errors that return immediately need a technician.

5 Document the flash count and when it appears

Note exactly when the code appears (start-up, mid-cycle, after shutdown). This helps the technician diagnose faster.

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