

Frigidaire refrigerator error codes

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These error code explanations can help you diagnose a problem with your Frigidaire French-door refrigerator.

Frigidaire refrigerator error codes appear in the temperature display. Look up the error code displayed and follow the troubleshooting to fix the problem that's causing the code.



OP in freezer temperature display

Freezer temperature sensor open

Check/Repair

Unplug the refrigerator and check wiring connections between the freezer temperature sensor and the electronic control board. Reconnect any loose wires. If the wiring connections are okay, unplug the freezer temperature sensor from its wire harness and measure the resistance of the sensor using a multimeter. The meter should measure 84,925 ohms if the sensor temperature is 0 degrees, 32,566 ohms at 32 degrees and 11,304 ohms at 72 degrees (room temperature). Replace the sensor if the meter measures infinite resistance. If the meter measures correct resistance through the sensor, plug the temperature sensor back in and measure resistance through the freezer temperature sensor wires that connect to the electronic control board. The freezer temperature sensor connects to the electronic control board through the gray/white wires on the J4A connector. Unplug the J4A connector from the control board and measure resistance through the gray/white wires. The meter should read the same resistance as for the temperature sensor. If the meter measures correct sensor resistance through the wires, you'll likely need to replace the

electronic control board because it's not accurately detecting sensor resistance. Find and repair the sensor wiring failure if the meter measures infinite resistance through the sensor wires.

How-to help

How to replace a refrigerator thermistor

Possible parts

Thermistor (temperature sensor), Electronic control board

SH in freezer temperature display

Freezer temperature sensor shorted

OP in refrigerator temperature display

Refrigerator temperature sensor open

SH in refrigerator temperature display

Refrigerator temperature sensor shorted

SY EF

Evaporator fan circuit failure

SY CE or SY CF

Communications failure between the electronic control board and user interface