

Error Code: EC C1 – Other IDU Refrigerant Sensor Detects Leakage (Multi-zone)

What this means:

In a multi-zone setup, this error means that another indoor unit (not the current one) has detected a refrigerant leak. This unit is simply displaying the alert because the system is interconnected. The error originates from a separate indoor unit's sensor.

Try this first (quick reset):

1. Turn off power to the entire system.
 2. Wait 2 full minutes.
 3. Turn the system back on and check all indoor unit displays.
- If the EC C1 error disappears — the alert may have been temporary.
 - If the error returns — identify the indoor unit that originally detected the leak.

Next steps (for technicians):

1. Find the source unit:
 - Inspect all indoor units connected to the system.
 - Locate the unit displaying EH C1, which signals the actual refrigerant leak detection.
2. Check for signs of refrigerant leakage on that unit:
 - If confirmed — repair the leak and recharge the system.
3. If no leak is detected:
 - Evaluate the sensor and wiring on the detecting unit.
 - Replace sensor if abnormal.
 - Clear system memory or allow leak-free operation for at least 2.5 hours for reset.

What you might need:

- Leak detection tools
- Refrigerant
- Sensor (on the detecting IDU)
- Wiring repair tools

Helpful tip:

This error does not originate from the current unit. It simply reports a fault triggered by another indoor unit in the system. Always identify the zone that triggered the initial EH C1 alert before troubleshooting.