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Step by Step Infinity Evolution Troubleshooting Code 178 and Code 179

Code 178 and 179 are codes generated from the User Interface (UI)

The UI cannot communicate with the **indoor unit, UI is showing code 178**

1. Do a full reinstall first is especially if the PCB or motor module has been changed.
2. After doing a reinstall did that resolve the communication
3. If code 178 reappears or UI shows DEMO mode / Retry (check wiring connections/make sure **wires are pigtailed at indoor unit**.
4. OHM resistance on all boards **A**&**B** (if OHM reading is okay(Furnace/Fan Coil early 2008:17k-19k ohms, late 2008:28k-32k ohms) then board has potential to operate)
5. At the indoor unit disconnect **all wires** from the **Green Plug**
6. Wire **only** the User Interface (leave UI on the wall) to the Green plug - turn on power
7. If the UI finds the indoor Furnace / Fan Coil (problem is either a bad connection, the **wire going** to the outdoor unit or outdoor PCB)
8. If indoor unit is not found, take a short piece of t'stat wire (3FT) take the UI and **wire directly** to the **indoor unit green plug.**
9. If the UI communicates with the indoor unit, then a new wire will need to be pulled where the UI is mounted on the wall to the indoor unit.
10. Now add the outdoor unit to the pigtail to confirm all will communicate.

The UI cannot communicate with the **outdoor unit, UI is showing code 179**

1. If getting a code 179, cannot communicate with Outdoor unit
2. Check wiring connections/make sure **wires are pigtail at indoor unit**.
3. OHM resistance on all boards A&B (if OHM reading is okay then board has potential to operate)
4. If the thermostat wire ABCD has all 4 wires going to the outdoor unit, make sure C & D has 24v. **C** is 24v common **D** is 24v hot.
5. Check the status light, if board's status light is off, board cannot communicate.
6. At the indoor unit, only connect the wires going to the outdoor unit to the GREEN PLUG **ABCD**. (A,B DATA) - (C,D 24vac)
7. Take the UI to the outdoor unit and with the thermostat wire coming from the indoor unit make sure you have A,B,C,D all going to the outside unit and plug it into you UI.
8. **A**-**B** is DATA, **C**-**D** is 24vac.
9. Does the UI now communicate with the indoor unit, if not, the thermostat wire is bad. If it communicates with the indoor unit, the problem is in the outdoor section.
10. If the indoor fan coil/furnace is not found, a new thermostat wire will need to run a from the indoor unit to the outdoor unit.
11. After pulling a new wire confirm system will communicate.