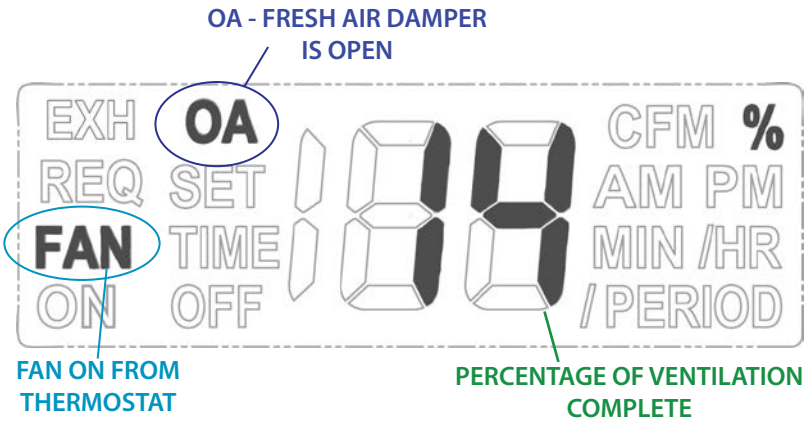
AirCycler® g1 Installation Testing Guide

Testing the **AirCycler® g1** completed installation is a simple process that includes testing the controller's connection to the thermostat, fresh air damper and furnace.

PLEASE FOLLOW THE STEPS BELOW

1. Turn thermostat FAN setting to ON.
2. Confirm AirCycler® g1 display shows FAN and OA (damper open).
3. Confirm furnace fan is running.
4. Remove AirCycler® g1 from its base. Confirm furnace fan has shut off.
5. Place the AirCycler® g1 back on the base.
6. Turn thermostat FAN setting back to AUTO to return to normal operation.
7. Confirm that AirCycler® g1 display shows number/percentage complete.

Testing is complete



LCD DISPLAY

See reverse for troubleshooting tips and frequently asked questions

TROUBLESHOOTING

No power?
Check common wire connection. "C" must be connected to "C" on the furnace.

My furnace fan runs constantly
Make sure the thermostat FAN setting is set to AUTO and not ON.

Furnace fan does not shut off when AirCycler® g1 is removed from its base (when thermostat fan switch is on)
Check wiring - G wire from thermostat should be wired to Gt on AirCycler. Gf on AirCycler should be wired to G on furnace.

Blank Display on the AirCycler® g1
Confirm:
1. The furnace has power
2. The thermostat is operational
3. The furnace will call for heat from the thermostat
4. The fan operates with a fan only signal from the thermostat
5. The furnace is providing 24 VAC to the AirCycler® g1
6. Verify wiring conforms to wiring diagram
7. Make sure cover is firmly seated on the base

Problem: AirCycler® g1 turns furnace fan on and off, but the motorized damper does not cycle.
Confirm:
1. The AirCycler® g1 is providing a 24 VAC signal to the motorized damper
2. The 24 VAC motorized damper is operational by powering directly with a 24 VAC signal
3. There is continuity in the wiring between the damper and the AirCycler® g1
4. Confirm damper power switch is in up or automatic position

Problem: A/C turns on during fan cycling calls
Confirm:
1. Wiring conforms to wiring diagram
2. The G wire is properly connected
3. The G wire needs to be interrupted by the AirCycler® g1
4. Do not run the G wire in parallel

FAQ

Will the AirCycler controller lose the settings if the power fails?
No, all settings are saved in non-volatile memory. No battery is needed.

The AirCycler® g1 has a small lithium battery to keep the clock running if you are not ventilating 24hrs a day and are using that feature. It will maintain the time without power for at least 14 days.

TIP

- Setup is easier to start without the battery installed. The battery is only used for the real time clock. If you are not using the hours of operation option, the battery is not needed.