AirCycler®
Ventilation Products

AirCycler® g2-k Installation Testing Guide

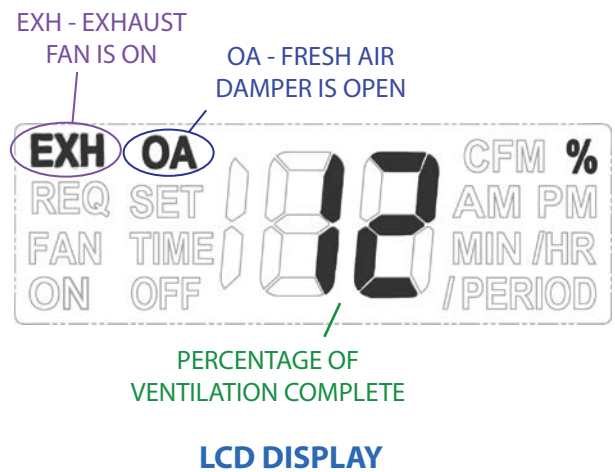Testing the *AirCycler® g2-k* completed installation is an easy two step process:

STEP 1 Test the FanConnect(tm) connection & operation

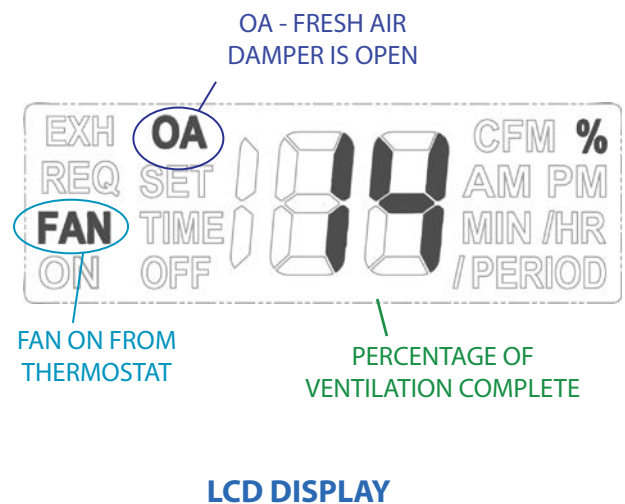**STEP 2** Test thermostat, damper and furnace connection and operation

STEP 1

a. With the thermostat off, turn on the *FanConnect* switch.

b. Confirm the exhaust fan is running.

c. The *AirCycler® g2* display should show the Exhaust fan is on and the OA damper is open.

d. Confirm the OA damper is open.

e. Turn off exhaust fan.

EXH - EXHAUST
FAN IS ON

OA - FRESH AIR
DAMPER IS OPEN

EXH OA
REQ SET
FAN TIME
ON OFF
12
CFM %
AM PM
MIN /HR
/ PERIOD

PERCENTAGE OF
VENTILATION COMPLETE

LCD DISPLAY

STEP 2

a. Make sure exhaust fan is off.

b. Turn thermostat FAN switch to ON.

c. Confirm *AirCycler® g2* display show's FAN and OA damper open.

d. Confirm furnace fan is running.

e. Remover *AirCycler® g2* from it's base. Furnace fan should shut off..

f. DONE! Replace *AirCycler® g2* controller on it's base.

NOTE: When using in SLAVE mode you will also see the EXH icon illuminated.

OA - FRESH AIR
DAMPER IS OPEN

EXH **OA**
REQ SET
FAN TIME
ON OFF
14
CFM %
AM PM
MIN /HR
/ PERIOD

FAN ON FROM
THERMOSTAT

PERCENTAGE OF
VENTILATION COMPLETE

LCD DISPLAY

See reverse for troubleshooting tips and frequently asked questions

HINTS & TIPS

- Make sure the *FanConnect* switch is in the OFF position when the *AirCycler® g2* controller is first powered on.

- 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 operating hours options, the battery is not needed.

TROUBLESHOOTING

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

EXH icon is flashing
If the EXH icon is flashing it is indicating that the *FanConnect* switch has been on for more than four hours or has lost connection with the g2 controller.

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

Fan does not shut off when *AirCycler® g2* 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 connected to G on furnace.

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® g2* 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.

Can I run multiple *FanConnect* switches off of one *AirCycler® g2* controller?
No. For additional bathrooms use the *SmartExhaust* bath fan/light switch as an independent controller.

AirCycler®