Problem: A/C turns on during fan cycling calls

1. Verify wiring conforms to wiring diagram
2. Verify the G wire is properly connected
3. The G wire needs to be interrupted by the HHS
4. Verify continuity in the wiring between the damper and the HHS.
5. The fan operates with a fan only signal from the thermostat
6. The furnace will call for heat from the thermostat
7. Verify wiring conforms to wiring diagram

Solution Check:

 проблем: Blaсk Display on the HHS Controller

1. Make sure controller cover is firmly seated in the housing
2. Verify that the mode selector switch on the HHS is providing a 24 VAC signal
3. The G wire is connected to the HHS controller and motorized damper (no outdoor wiring)
4. The furnace has power
5. The motorized damper does not cycle.
6. The HHS is designed to operate continuously year-round
7. USE the fresh air damper in conjunction with the HHS

Fresh Air System

Simple. Precise. Reliable.

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Problem:

Problem: Blank Display on the HHS Controller

Solution Check:

Problem: A/C turns on during fan cycling calls

Solution Check:

CONTACT INFORMATION

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Solution Check:

OTHER MAINTENANCE

The HHS requires no regular maintenance. Annual inspection by a trained service technician is recommended.

Inspect inlet terminations monthly and clean as required to include a “valid proof of purchase” (sales receipt) identifying the Product purchased (Product number, model, serial number plates or electronic serial numbers have been provided).

Inlet duct connect to the return air plenum.

Follow all local electrical codes during installation.

Read these instructions carefully.

Before installing the HHS, turn off all power to your HVAC system.

All wiring must conform to local and national codes.

Choose a Location

The HHS must be installed to match the airflow requirements of your HVAC system.

When your HHS is installed, the fresh air damper can be located anywhere in your ductwork.

1. The fresh air damper can be located anywhere in your ductwork.
2. The fresh air damper motor is in the “Auto” position to the motorized damper
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Solution Check:
HOW TO INSTALL DAMPER
2. Route wires through large hole in the mounting base. Mount base against wall and mark wall (Figure 1).
3. The damper may be installed in any position; however, it is recommended to install with the motor at the 12 o'clock position if mounted horizontally. Air may flow through in either direction, although it is recommended to avoid ingress of leaf litter, grass clippings, etc. Do not use a crawl space, basement, or attic as a source of intake air. Always be sure to comply with local building code requirements and when used with a 6" damper from Field Controls. To use the factory default settings no configuration is required (skip to section to complete the installation).
4. Connect wires to proper terminals of the controller as close to the HVAC system and the controller as possible.

HOW TO INSTALL THE CONTROLLER
1. Press the Mode Key once to enter the Menu (Figure 3). The three keys on the exterior of the HHS controller are used to configure the HHS. (Figure 3)
2. Use the Increase or Decrease Keys to change the settings.

TIME
1. Press the Mode Key once to enter the Menu (Figure 3). Adjustment it is generally more effective to mount the controller as close to the HVAC system and system operating and damper open. To turn the HHS back on, press the Mode Key again to turn the HHS on. Otherwise, the numeric display will read constant fan operation, the numeric display will read

CONTRIBUTION WITH FRESH AIR INTAKE LOCATION
ASHRAE recommends that the fresh air intake be adequate circulation and the recommended air for our location. To set your HHS system per these steps:
1. Press the Mode Key once to enter the Menu (Figure 3). The three keys on the exterior of the HHS controller are used to configure the HHS. (Figure 3)
2. Use the Increase or Decrease Keys to change the settings.

NOTE:
1. Press the Mode Key once and then press it again turning the HHS off.
2. This will turn the HHS off. This will also keep the HHS off even after power is lost.

CONFIGURE FAN OFF TIME
1. The display will read the time remaining until the fan is activated again. Once activated, the display will read

CONFIGURE VENT OFF TIME
1. The display will read the time remaining until the damper closes. This cycle continues for as long

POWERING OFF
1. Press the Mode Key once to enter the Menu (Figure 3). The three keys on the exterior of the HHS controller are used to configure the HHS. (Figure 3)
2. Use the Increase or Decrease Keys to change the settings.

CHOOSE LOCATION
Choose a fresh air intake location.

FACTORY DEFAULT SETTINGS
The default settings are used to configure the HHS. (Figure 3)

NOTE:
1. Press the Mode Key once and then press it again pressing the Mode Key for six seconds. The display will
2. Press the Mode Key for six seconds, and then

CONFIGURE FAN ON TIME
1. The display will read the time remaining for

EFFECTIVE AIR INTAKE LOCATION
1. Choose an effective air intake location.

CONTRIBUTION TO MIXED AIR LOCATION
1. Choose a contribution to mixed air location.

OPERATION AND MAINTENANCE
Operation of the HHS is automatic. There are no settings to be adjusted or maintained by the homeowner. The HHS monitors outside air qualities and the recommended air for our location. To set your HHS system per these steps:
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PRODUCT INQUIRIES
For more information, please contact us at Field Controls.

www.Fieldcontrols.com or call 252-522-3031.