Technical Data Sheet

GMi70 Model 8450 Outside Air Supply

Part number 94-53500

Parts Required:

(1) Oval adapter plate
(1) Outside wall termination, louvered plate*
(4) Screws
(2) Adjustable pipe clamps
Not Included:
(1) Flexible pipe, 5 inch diameter, size length to the specific installation**

TOOLS REQUIRED:

Pliers
Screwdriver, Phillips

*The outside wall termination must be installed outside of the building, additional tools may be required to create the opening.

** HVAC type, insulated, must comply with ULC S110 and/or UL 181, Class 0 or Class 1,

Description:
Connect an outside air source directly to your fireplace insert. The advantage of providing outside air directly to the fireplace insert is that the air used by the fireplace insert for combustion is taken from outside the residence rather than from within the room where the fireplace insert is located.

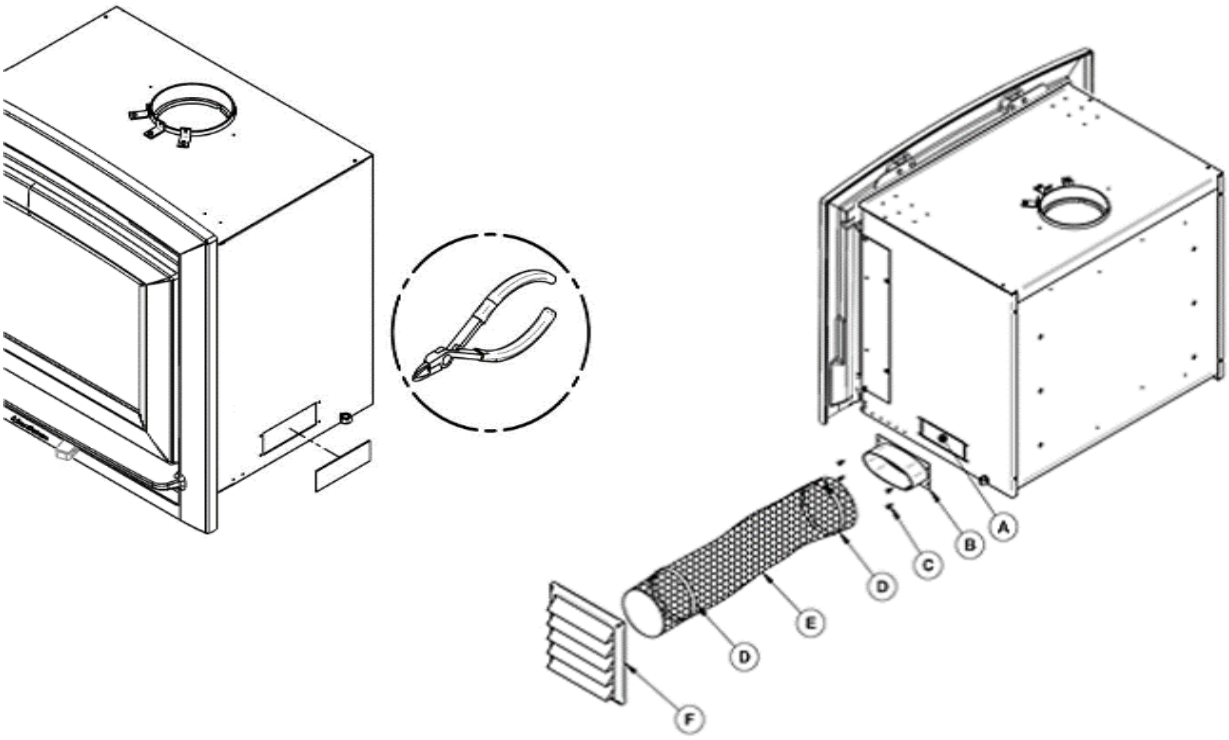
The International Residential Code (IRC) does not allow the outside air duct to terminate higher than the appliance. Some building officials restrict vertical rise in the duct's termination. HearthStone recommends the termination be at the same level, or lower than the air intake on the fireplace insert.

Locate the termination of the duct on the outside wall of the home in such a manner to avoid the possibility of obstruction by snow, leaves or other material.

Procedure:

Using pliers, remove the rectangular knock-out plate (A) located on the left or right side of the convection air jacket. Choose the side that is best for your installation.

Note: Only remove the knock-out that will be connected to the fresh air inlet.



Then, install the fresh air kit adapter (B) using 4 screws (C). Secure the 5" flexible pipe[1] (E) to the adapter (B) using one of the adjustable pipe clamps (D). Secure the other end of the pipe to the outside wall termination (F) using the second adjustable pipe clamp (D). The outside wall termination (F) must be installed outside of the building.

[1] The pipe must be HVAC type, insulated, and must comply with ULC S110 and/or UL 181, Class 0 or Class 1.