

Combustion Air

COMBUSTION AIR

1. Locate combustion air assembly at an exterior location which is not likely to be accidentally blocked in any manner. Locate assembly a min. of 12" above the snow line to prevent blockage by snow accumulation.
2. Never mount the combustion air inlet assembly in a garage or storage area where combustible fumes such as gasoline might be drawn into the fireplace.
3. Combustion air can be drawn from the crawl space under a house when an adequate supply of air is provided by open ventilation.
4. CAUTION: Do not take combustion air from attic space or garage space.
5. Locate air supply inlet at least 3' away from any appliance vent terminal.
6. Avoid extremely long runs and numerous turns in the duct leading from the fireplace to the combustion air assembly. These conditions increase the resistance to the free flow of air through the duct.

The use of outside air for combustion is optional unless required by building codes. It is only necessary to supply outside combustion air to one side of the fireplace. Use the open air kit.

OUTSIDE AIR KIT ASSEMBLY (OAK100)

1. Place the insulation gasket between the open air kit starting collar and fireplace wall.
2. Place the starting collar (4") on the side of fireplace. Fasten it in place with the four sheet metal screws provided.

NOTE: When the air starting collar is securely attached, it will form a seal against the fireplace wall.

3. Attach outside duct to starting collar with duct clamp or screws.
4. Cut a 6-inch diameter opening for the open air kit in the outside wall covering where the outside vent is to be located.
5. Select and cut a piece of duct long enough to attach to the fireplace and stick out at least 3" beyond the face of the wall to which the open air kit inlet air vent will be attached. Cut duct with a standard pocket knife.

WARNING!

Do not use a combustible duct. Always use UL Listed Class 0 or 1 duct material.

6. If the duct is the insulated type, push the insulation back from one end of the duct approximately 2".
7. Slip the exposed end of the duct over the starting collar on the fireplace.
8. Using the sheet metal screws provided, secure the duct end to the collar attached to the fireplace.
9. Nail or screw the combustion air assembly to the surface of the wall.

Notice: If you do not install an outside air kit be sure to keep the lever in the "closed" position to avoid cold air drafts.

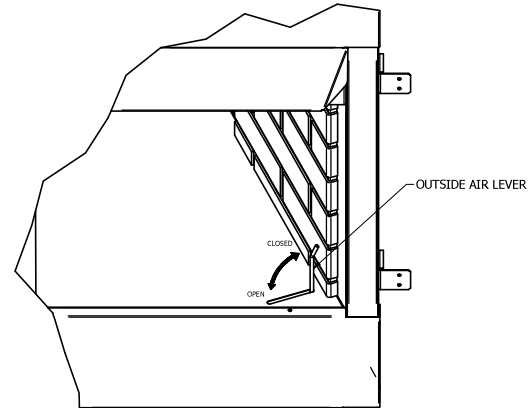


Figure 12 - Outside Air Operation

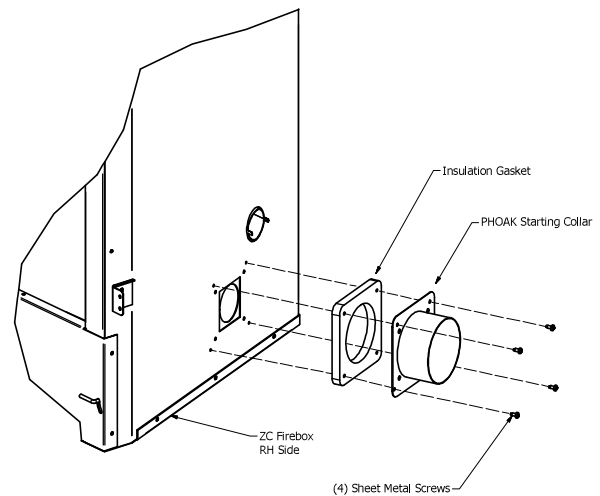


Figure 13 - Outside Air Inlet Collar Attachment

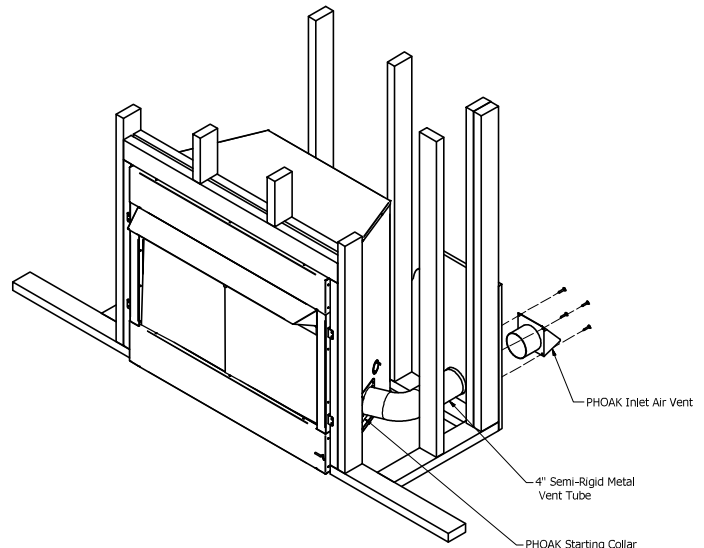


Figure 14 - Simple Outside Air Kit Installation