

Models:
AK14
Outside Air Kit



These air kits have been tested for use with specific Hearth & Home Technologies fireplaces. Check with your local building code agency before you begin installation to ensure compliance with local codes, including the need for permits and follow-up inspections. If you encounter any problems regarding code approvals, or if you need clarification of any of the instructions contained here, contact your Hearth & Home Technologies dealer. For the dealer nearest you, please visit www.hearthnhome.com.

Note: An arrow (➔) found in the text signifies change in content.

Note: Flexible duct ID4 (insulated) or UD4 (uninsulated) must be ordered separately.

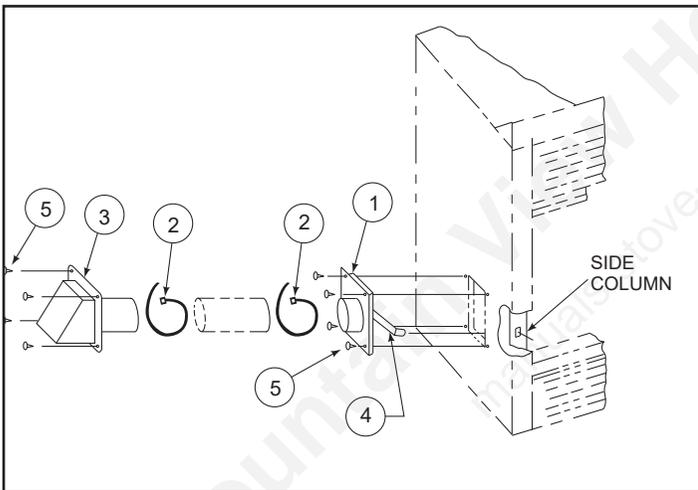


CAUTION



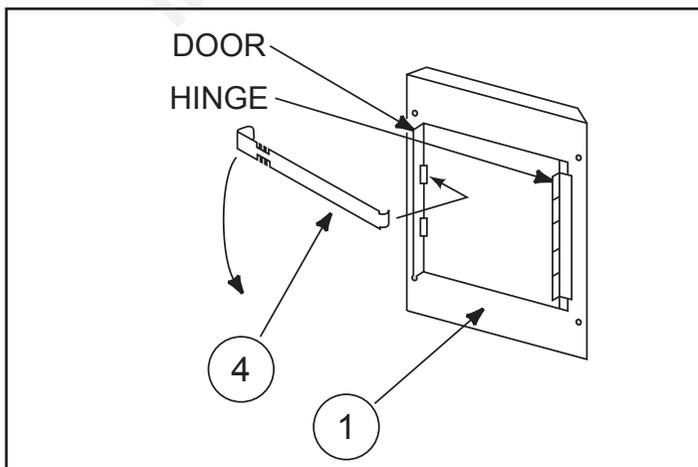
Sharp Edges

- Wear protective gloves and safety glasses during installation.



➔ **Figure 1 Left Side Installation Shown**

Item #	Description	Qty
1	Door Assy	1
2	Wire Ties	2
3	Inlet Tube Assy	1
4	Control Arm	1
5	Fastener Pack	1



➔ **Figure 2 Left Side Installation**

A. Outside Air Inlet Location

Fireplace installation instructions show how outside air kit can be located. A 3 ft. (.914 m) minimum height difference must be maintained from top of uppermost chimney section to outside combustion air inlet.

Note: Check height requirements for fireplace before attempting any basement location. We recommend you utilize the shortest duct run to optimize performance of outside air kit. The outside air kit inlet thimble should be positioned in a manner that will not allow snow, leaves, etc. to block inlet. Additional duct may be required.



WARNING

Fire Risk
Exhaust Fumes Risk

Do not install outside air ducts such that the air may be drawn from attic spaces, basements or above the roofing where other heating appliances, fans and/or chimneys exhaust or utilize air.

When locating the fireplace in a space projecting into a garage, the outside air must not be taken from the garage space. Exhaust products of gasoline engines are hazardous.

B. Step by Step Installation

- The air kit may be installed on either side of some fireplaces. See Figures 1 and 2 for correct orientation of the door assembly and handle. The hinge will be toward the rear of the fireplace.
- ➔ **NOTE:** For NBV model appliances, outside air kit can only be installed on the left side of the appliance.
- Insert the narrow end of the handle into the upper slot.
- Pivot the handle in the slot toward the hinge.
- Remove the cover plate or knockout from the side of the fireplace and discard. Remove the semi-perforated piece of insulation covering the opening (insulated fireplaces only).
- ➔ • Partly open the air kit door and insert the handle into the handle bracket located underneath the lower left class latch. The hinge on the door assembly should be located toward the rear of the fireplace. If the hinge and the handle are not positioned in this manner, the door will not function correctly. See Figure 4.
- Attach the door assembly to the fireplace using the screws provided.
- Check operation by pulling the handle out to open and pushing it in to close.
- Mark and cut out a 4 in. (102 mm) hole in the building side for air entry. This hole should allow some framing (two sides) so the 4 in. (102 mm) diameter inlet tube assembly may be fastened properly.
- Assemble flexible duct (not supplied) between the door assembly and the inlet tube assembly. Secure it in position with the supplied wire ties.



WARNING

Fire Risk
Asphyxiation Risk

Do not draw outside combustion air from:

- Wall, floor or ceiling cavity.
- Enclosed space such as an attic or garage.
- Close proximity to exhaust vents or chimneys.

Fumes or odor may result.

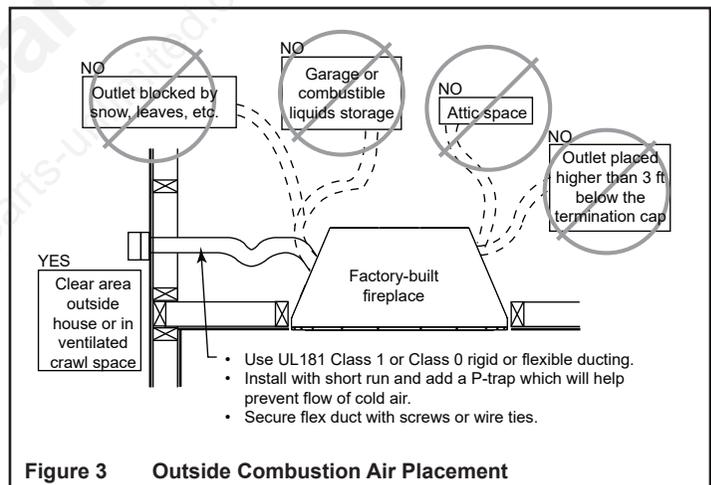
CAUTION

Risk of Smoke Spillage

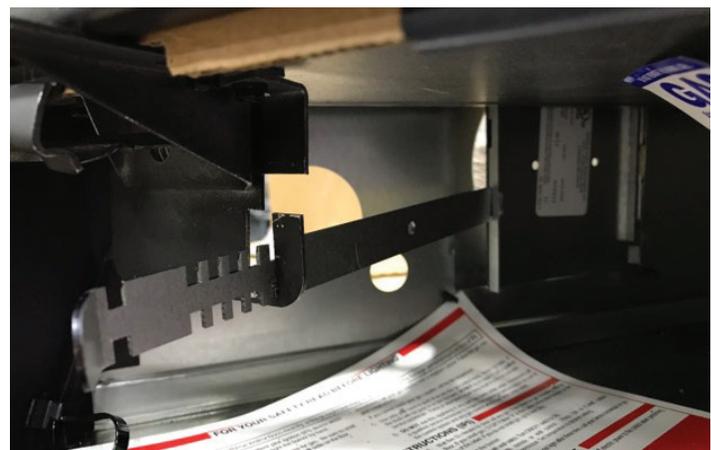
Outside air inlet must be located to prevent blockage from:

- Leaves
- Snow/ice
- Other debris

Blockage may cause combustion air starvation.



Note: To guard against significant cold air infiltration through duct or other parts of system, check for light leaks with a flashlight and seal these with duct tape and/or insulation.



➔ **Figure 4** AK14 Installed in NBV in Open Position