



Technical Data Sheet

Installation of the Mansfield 8011 Outside Air Adaptor Kit *Assembly 90-57004*

Publish Date: 4/8/2003

ASSEMBLY CONTENTS:

- (1) #5950-021 Mansfield Outside Air Box
- (1) #5950-027 Mansfield Outside Air Intake
- (2) #5950-026 Mansfield Outside Air Cover Blanks
- (4.5') #3160-080 3/4" Tape Gasket
- (18) #4500-3435 Screws

MATERIALS REQUIRED:

- 3" Flex Pipe
- Hose Clamps
- Termination Hood w/ Mesh

TOOLS REQUIRED:

- (1) Stubby Phillips Screwdriver

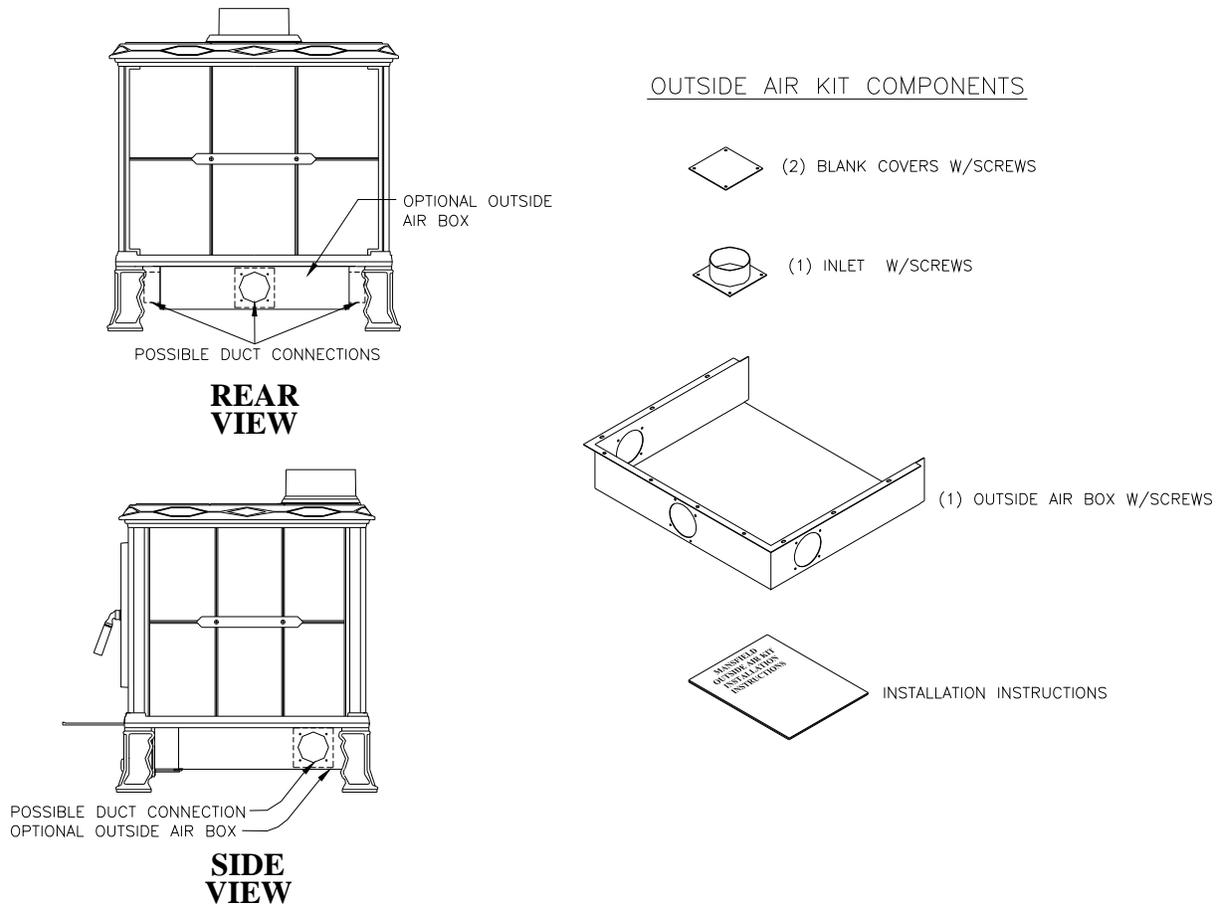
BEFORE YOU BEGIN: Before you install the outside air kit, determine where the duct for the outside air will terminate. The duct is attached to either the back center of the box or from either the right or left side by changing the position of the intake and blank cover plates (see illustration next page).

IF YOU INTEND TO ALSO USE THE OPTIONAL BLOWER, you cannot use the rear outlet on the outside air box. When using a blower the outside air duct must connect to the right or left side of the outside air box.

PROCEDURE:

1. After choosing the position for the intake and the blank plates, affix them to the outside air box using 4 of the screws for each component.
2. Peel off the paper backing from the flat gasket. Apply the gasket to the top lip of the outside air box.
3. From the back of the stove, slide the outside air box under the stove and position it so that it lines up with the six holes which are pre-drilled and tapped in the bottom casting. Holding the outside air box in this position, use the remaining six 8-32 x 3/8" screws to hold the outside air box in place.
4. Connect the outside air box to the wall termination using a 3" metal flex pipe (supplied by others).

NOTE: When considering placement of the duct from the outside of the house to the hearth, keep in mind the need to avoid structural members of the house. The termination of the duct on the outside wall must be located in such a manner as to preclude the possibility of obstruction by snow, leaves, or other materials. The outside termination should be screened with a 1/4" X 1/4" mesh rodent screen and be covered with a rain/wind proof hood (flex pipe, outside termination, mesh and hood supplied by others). Contact your dealer for availability.



Outside Air Adaptor Box

Attach the intake to the desired location with four of the screws provided. Block the other two openings by attaching the two cover blanks.

The Mansfield 8011 Outside Air Adaptor Box Measures 17-1/4" x 19" X 4"