

750,206M
REV. NC 03/2006

Cat. No. Model
H3991 OAK-UVFRC

Description
OUTSIDE AIR GATE & DUCT KIT

INSTALLATION INSTRUCTIONS FOR OUTSIDE COMBUSTION AIR GATE KIT FOR USE WITH UVF-36, UVFRC-3628, UVFRC-3628-H, UVFRC-4228 & UVFRC-4228-H UNIVERSAL VENTFREE FIREBOXES

KIT CONTENTS

ITEM	QUANTITY	DESCRIPTION
1	1 ea.	Air Gate Assembly
2	1 ea.	Arm, Air Gate
3	1 ea.	Bracket, Air Gate Arm
4	1 ea.	Collar, Outside Air
5	1 ea.	Duct, 4"
6	1 ea.	Hardware Kit (9 long screws & 4 short screws)
7	1 ea.	Instruction Sheet

Table 1 - Refer to Figure 1

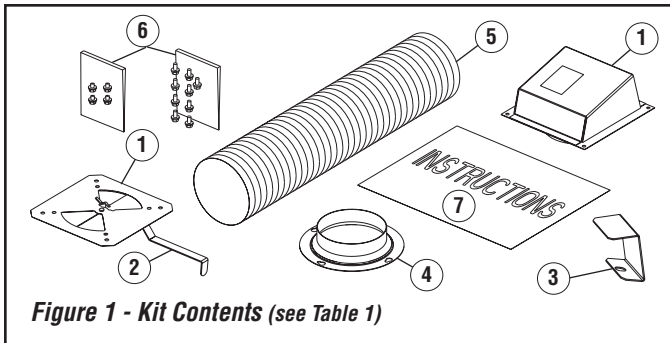


Figure 1 - Kit Contents (see Table 1)

TOOLS / SUPPLIES REQUIRED

- 5/16" Nut driver or Socket
- Duct Tape
- Silicon Type Caulking

GENERAL INFORMATION

This kit is for use with models UVF-36, UVFRC-3628, UVFRC-3628-H, UVFRC-4228 & UVFRC-4228-H Ventfree fireboxes when installed in conventional construction.

These kits have an air gate assembly which allows adjustment of the amount of outside air delivered to the fire for combustion. Only one air kit, located on the right side of the firebox, is required.

If you encounter any problems, need clarification of these instructions or are not qualified to properly install this kit, contact your local distributor or dealer.

Retain These Instructions for Future Reference

INSTALLATION INSTRUCTIONS

1. Remove the outside air knock-out on the right hand side of appliance (See **Figure 2** for location).
2. Assemble the Air Gate as shown in **Figures 3 & 4**.
3. Take the Air Gate Assembly and feed the arm through the round opening (see **Figures 5 & 6**) and then through the side frame opening. Ensure the air gate arm remains attached to the air gate (see **Figure 7**).

Tested & Listed By



Beaverton
Oregon USA

OMNI-Test Laboratories, Inc.

NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE.

WARNING

Do not operate the combustion air gate with a fire in the firebox unless all components of this kit have been installed.

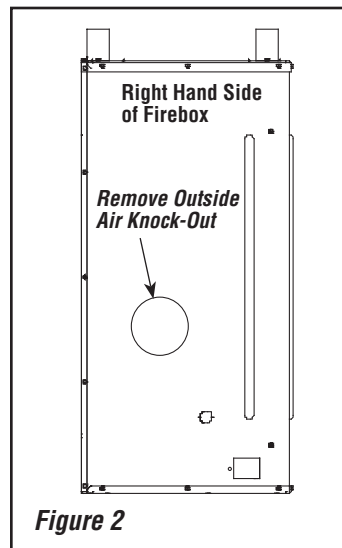


Figure 2

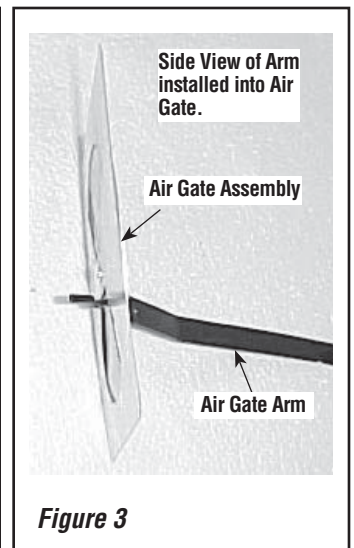


Figure 3

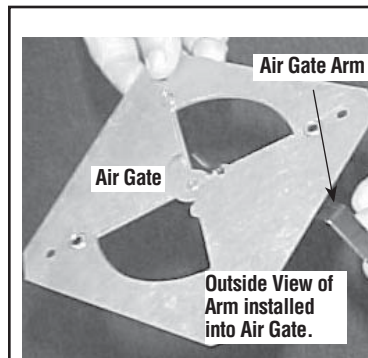
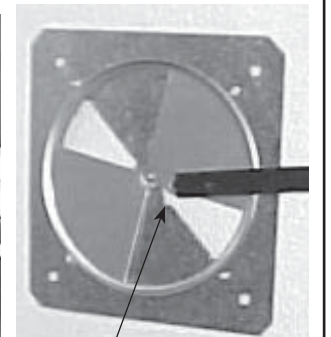


Figure 4



When assembled onto appliance, the notch here must be positioned down as shown.

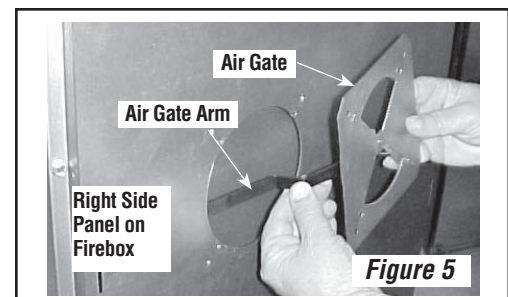


Figure 5



Hold the air gate arm and align the air gate assembly to fit flush in the opening.

Figure 6

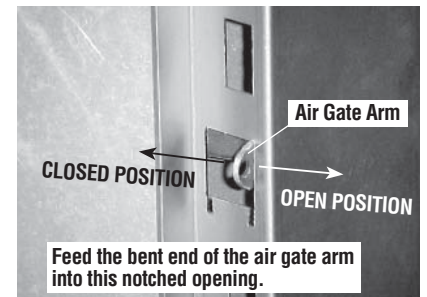
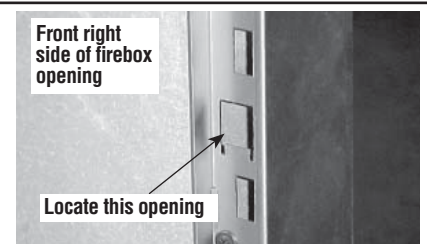
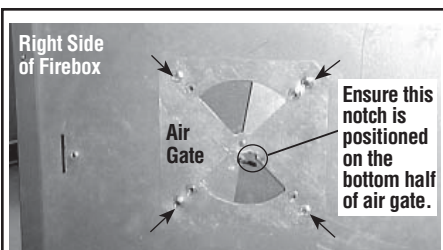


Figure 7

4. Secure the air gate to the firebox as shown in **Figure 8**.



Secure the Air Gate to the fireplace with four (4) long screws (provided) through the outside holes (indicated by arrows). **Figure 8**

5. Secure the air gate arm support bracket (item #3 in **Figure 1**) as shown in **Figure 9**.

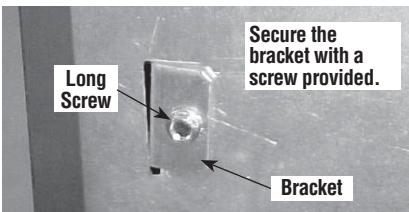
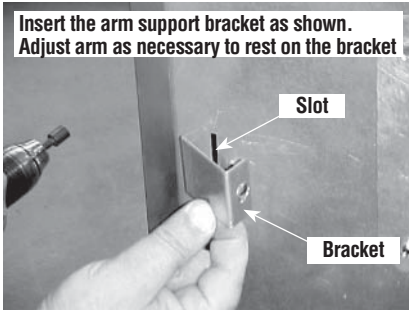
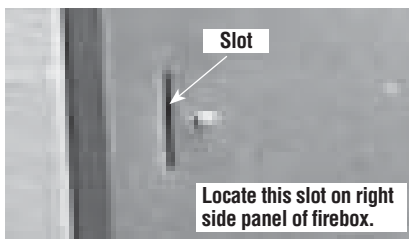
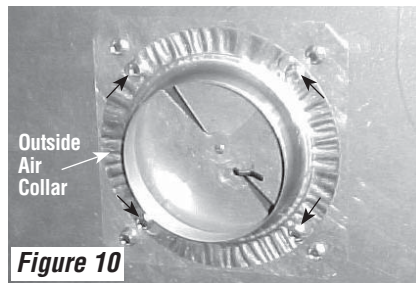


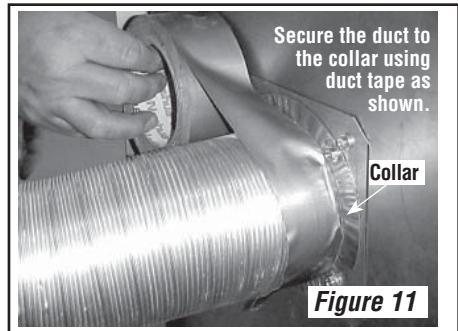
Figure 9

6. Secure the outside air collar (item #4 in **Figure 1**) as shown in **Figure 10**.

Secure the outside air collar over the air gate using the four (4) long screws (provided) through the inside holes (indicated by arrows).



7. Attach flexible duct to the outside air collar using two (2) short screws (provided), then wrap with duct tape as shown in **Figure 11**.



8. **Duct Hole Framing:** Cut or frame a hole through the outside of the enclosure for the installation of the duct inlet hood. A 5" (127 mm) diameter hole is required. Feed the loose end of the flexible duct through the hole cut for the inlet hood and attach to the collar on the inlet hood using two (2) short screws (provided), then wrap with duct tape. Insert the hood into the opening. Secure in place with nails driven through the holes in hood flange. Seal with noncombustible waterproof silicon type caulking. If additional duct is needed, use Class 0 metallic air duct (refer to **Figure 12**).

Note: The Class 0 metallic air duct can be routed out the back wall or side wall, up through the ceiling or floor joists to an outside wall. Check local building codes for any restrictions. We recommend that the inlet be at least four (4) feet above grade level.

CAUTION

Do not install the air inlet in the attic, garage, near combustible gases (i.e. paint, gasoline, etc.) or where there is a fuel burning appliance or where the opening could be blocked by snow, bushes or other obstacles.

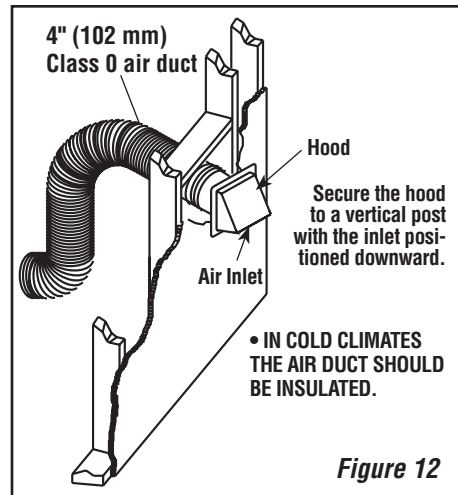


Figure 12

NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE.

LHP reserves the right to make changes at any time, without notice, in design, materials, specifications, prices and the discontinuance of colors, styles and products. Consult your local distributor for fireplace code information.