



# HOMEOWNER'S OPERATION MANUAL

WOOD BURNING KIVA: 18" - 24" - 30"

**Frame Models:** Orno      Mayan  
Santa Fe      El Pueblo  
Navajo  
Zuni

## KEEP THESE INSTRUCTIONS FOR FUTURE USE

Before building your first fire, read this operation manual carefully. By fully understanding and observing the operating guidelines in this booklet, you will enjoy safe and comfortable warmth from your fireplace. Remember, you are building a fire *inside* your home, so it is important that you observe these guidelines.

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**ALL WARNINGS OUTLINED IN THIS MANUAL AND THE ADOBELITE INSTALLATION MANUAL MUST BE STRICTLY ADHERED TO.**  
**FAILURE TO FOLLOW** these installation instructions will **VOID THE WARRANTY** and may cause a serious **FIRE HAZARD**.

 Fully **READ** and **UNDERSTAND** all instructions carefully before using the fireplace.

 **DO NOT modify your fireplace in any way.** Any modification to any components will void the warranty and create a potential fire hazard.

 Never leave the fireplace burning while unattended.

 **Combustion Air Intake** of fireplace must be kept clear of debris at all times.

 Do not **store** or **use** flammable liquids or aerosols near this fireplace.

 Children should never be left unattended while the fireplace is in use.

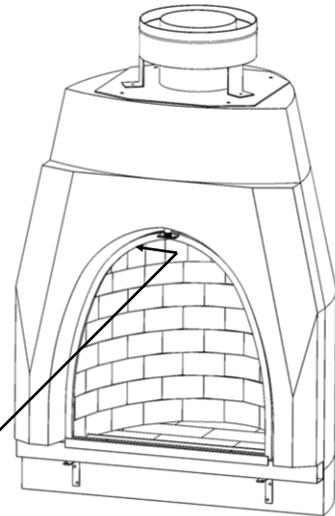
**Adobelite's Limited Warranty will be voided, and Adobelite LLC will disclaim any responsibility for the following:**

- IMPROPER INSTALLATION OF THE ADOBELITE FIREPLACE AND ADOBELITE COMPONENT PARTS (refer to Adobelite Installation Manual)
- ALTERATION OF THE ADOBELITE FIREPLACE OR ANY OF ITS COMPONENT PARTS

Do not use a fireplace insert or other products not specified for use with this fireplace.

## LISTING DATA PLATE / LOCATION

The Adobelite Kiva Fireplace is a factory built fireplace tested to U.L. 127. test standards and is well-insulated for safe clearances to combustible construction materials used to build your home. The proper clearances are described by a label affixed to the inside of the top arch section near the damper handle on each firebox for use by the installers and by the local building inspector to ensure compliance.



Locate the Listing Data Plate on the upper left backside of the Kiva Firebox Front Arch. Record the model, size, and serial number listed on the data plate below.

MODEL TYPE / SIZE

SERIAL NUMBER

MANUFACTURED BY: <b>ADOBELITE</b> ADOBELITE, LLC ALBUQUERQUE NM 87123 MODEL TYPE: 30 - 24 - 18		FIREPLACE INTENDED FOR USE WITH SOLID WOOD FUEL ONLY. SEE ADOBELITE INSTALLATION AND OPERATING INSTRUCTIONS FOR THE MODEL. CONTACT LOCAL BUILDING OFFICIAL PRIOR TO INSTALLATION.		LISTED FACTORY BUILT FIREPLACE  FIREPLACE SERIAL NO.	
FIRE CHAMBER INTENDED FOR USE WITH IHP, HEATILATOR, OR UL-103HT CHIMNEY & ADOBELITE FIREPLACE PARTS, DO NOT USE FIREPLACE INSERT OR OTHER PRODUCTS NOT SPECIFIED FOR USE WITH THIS MODEL.					
▼ ▼ ▼ WARNING ▼ ▼ ▼ WARNING ▼ ▼ ▼ WARNING ▼ ▼ ▼ WARNING ▼ ▼ ▼					
FIREPLACE HAS NOT BEEN TESTED WITH GLASS DOOR DURING WOOD BURNING. TO REDUCE RISK OF INJURY, DO NOT OPERATE WITH GLASS DOOR IN PLACE.			HEARTH EXTENSIONS MUST BE INSTALLED ACCORDING TO INSTALLATION INSTRUCTIONS TO PREVENT RISK OF FIRE DAMAGE DO NOT DRY CLOTHING ON HEARTH.		
FOR OPERATION, THIS FIREPLACE NEEDS SUFFICIENT AIR. IMPROPER OPERATION MAY RESULT IN STARVING OTHER FUEL-BURNING APPLIANCES OF COMBUSTION. VENTILATION AND DILUTION OF AIR REQUIRES OUTSIDE AIR AS PER INSTALLATION INSTRUCTIONS. DO NOT OVERFIRE UNIT.					
THIS FIREPLACE HAS NOT BEEN TESTED WITH AN UNVENTED GAS LOG SET. DO NOT INSTALL AN UNVENTED GAS LOG SET IN THIS FIREPLACE.		DO NOT USE FIREPLACE TO COOK OR WARM FOODS.		CLEARANCE: UNIT TO BACK/SIDE WALLS: 1" CHIMNEY TO FRAMING CHASE: 2" FIREPLACE OPENING TO SIDE WALL: 18"	
IF THIS FIREPLACE IS CONVERTED TO GAS, THE DAMPER MUST BE FIXED IN A PERMANENTLY OPEN POSITION					

FIG. 1 - LISTING DATA PLATE LOCATION

## FILL IN THE FOLLOWING INFORMATION FOR FUTURE REFERENCE

Model Type / Size: \_\_\_\_\_ Date Purchased: \_\_\_\_\_ Date Installed: \_\_\_\_\_

Frame Style: \_\_\_\_\_ Dealership Purchased at: \_\_\_\_\_

Serial Number: \_\_\_\_\_ Dealership Phone #: \_\_\_\_\_

Chimney Pipe Brand: \_\_\_\_\_ Chimney Pipe Size (Inner/Outer): \_\_\_\_\_

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## ADOBELITE KIVA FIREPLACE OVERVIEW

The Adobelite Kiva Fireplace consists of the following primary components:

**A) KIVA FIREBOX** - The firebox is the part of your fireplace where the fire is built: it is made of pre-cast components consisting of real hand laid firebrick and lightweight high insulating concrete.

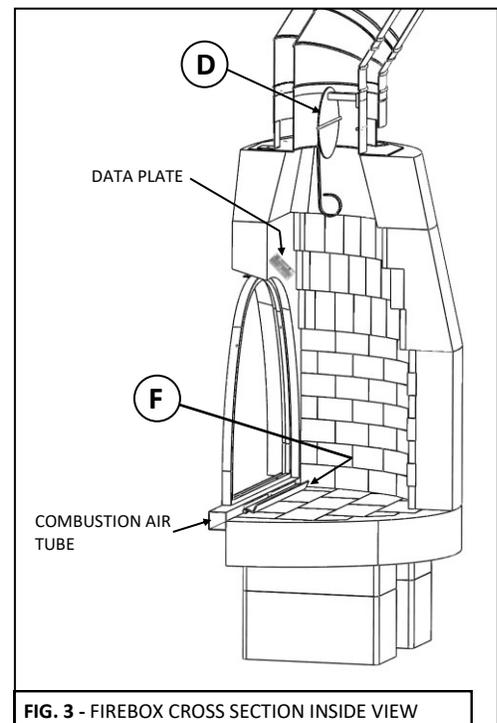
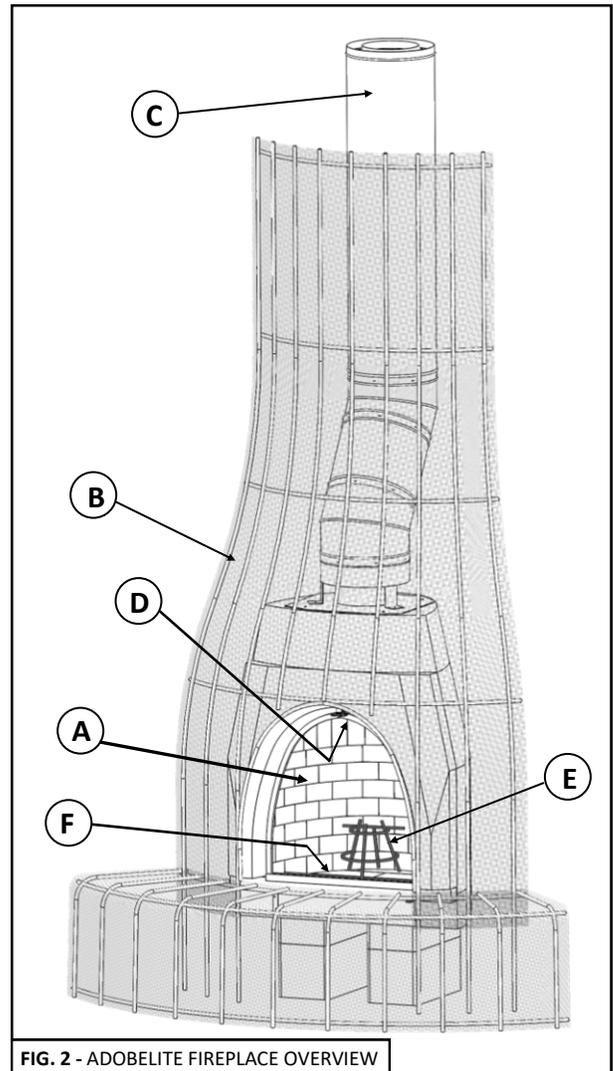
**B) EXTERIOR FIREPLACE FRAME** - A tubular steel and diamond-mesh frame encloses the firebox and is coated with plaster or stucco after installation. The air space between the firebox and outer frame enclosure provides air circulation—a feature that has been engineered for safe and efficient operation.

**C) AIR-COOLED CHIMNEY** - The chimney is also made of metal. It extends from the top of the fireplace through the roof and is capped with a screened termination. The inner liner (flue) of the chimney is made of stainless steel and allows exhaust of gases (carbon monoxide) from the fire. The outer liner is made of galvanized steel and provides the passage for cooling air to keep the chimney safe at tested clearances to combustible building materials.

**D) DAMPER** - The damper is the metal disk found at the base of the chimney (flue) and has a handle which extends down into the firebox. It has two positions: open and closed.

**E) KIVA WOOD GRATE** - The Kiva Wood Grate is designed to keep the operation of your fireplace efficient and safe. Do not attempt to defeat its purpose. The size and position of the grate have been engineered to give the ideal combustion characteristics for the fire. The wood logs are designed to stack vertically in a Tee-Pee style around the grate for a traditional kiva fire. When replacing the grate, use only the appropriate Adobelite replacement kiva grate for your fireplace model.

**F) OUTSIDE AIR DOOR** - The Outside Air Door has two positions: opened and closed. When opened, outside combustion air enters the firebox through the combustion air tube.



- Use only solid dry wood that has been seasoned for at least **one** year or processed solid fuel firelogs.
- Build a proper fire.
- If you are using processed solid fuel fire logs, do not poke or stir the logs while they are burning. Use only firelogs that have been evaluated for application in fireplace and refer to firelog warnings and caution markings on packaging prior to use.
- This fireplace is not intended to be used as a substitute for a furnace to heat an entire home. Use for supplemental heating only.

## DAMPER OPERATION

The flue gas damper (D) is located inside the firebox, and is similar to the damper found on a conventional masonry fireplace. Look within the top of the fireplace and locate the damper handle extending from the damper. Pushing the lever up into the flue opens the damper and pulling it down into the firebox closes it. Pulling the handle towards the front of the firebox can make opening and closing the damper easier. A fireplace poker can also be used. The damper should always be opened prior to building a fire. Only close the damper when there are no warm embers remaining in the firebox.

## OUTSIDE AIR DOOR OPERATION

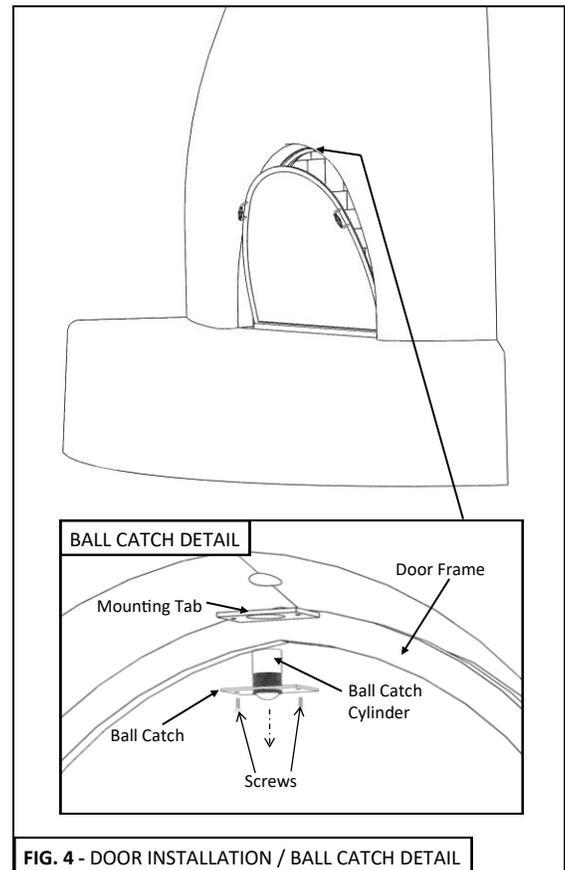
The Outside Air Door (F) has two positions: opened and closed. The Outside Air Door is in the open position when the door is resting on the firebox base brick as shown in FIG. 3 (page 4). In this position outside air enters the firebox through milled slots on the inside edge of the combustion air tube. Pulling the door towards the opening of the firebox closes the door and minimizes outside air from entering the firebox.

## SCREEN DOOR OPERATION

Adobelite screen doors are designed to fit into the steel door frame installed in the kiva opening arch.

To install an Adobelite door, first place the bottom of the door in the track at the bottom of the steel door frame, then close the door against the frame until the door snaps into the ball catch at the top of the door frame. To remove the door, pull both door handles equally until the door frees from the ball catch and then lift the door out of the door frame track.

If the door does not snap into the door frame ball catch then the ball catch height may need adjusting. Adjust the ball catch height by removing the (2) phillips head screws that secures the ball catch to the door frame and remove the ball catch. Adjust the height of the ball catch by rotating the ball catch cylinder. Once the height is adjusted, reattach the ball catch to the door frame and check door fit. Repeat adjustment until door snaps into the ball catch and is held firmly in place.



**WARNING:** THIS FIREPLACE HAS NOT BEEN TESTED FOR USE WITH DOORS. TO REDUCE RISK OF FIRE OR INJURY, DO NOT INSTALL DOORS.

## SAFETY PRECAUTIONS FOR WOOD BURNING FIREPLACE OPERATION

NEVER START A FIRE WITH A LIQUID FIRE STARTER, INCLUDING:

- gasoline
- kerosene
- liquid bar-b-que starters

NEVER BURN TRASH OR CHRISTMAS TREES.

- They create extremely hot fires.
- They cause sparks that may be hazardous.

NEVER USE WOOD PRODUCTS WITH SYNTHETIC BINDERS.

- They build up creosote in your flue system and termination which may cause a hazardous condition.

CAUTION YOUR CHILDREN AND BE AWARE OF YOUR PETS.

Combustible materials and furniture should be a minimum of 24" in front of the firebox opening. Do not place combustible materials on top of the hearth extension.

### BUILDING A FIRE

1. Begin by fully opening the flue damper (D) by pulling the damper handle towards you slightly, then pushing the damper handle up. A fireplace poker can also be used to push the damper open. **The flue damper must be in the fully opened position when operating.**
2. Open the outside air door (L) on the combustion air tube.
3. Position the Kiva Wood Grate towards the back of the firebox.
4. Place crumbled newspaper under the center of the wood grate. Stack several small pieces of wood against the kiva grate.
5. ***In cold weather***, to assure proper draw, preheat the flue by burning a crumpled newspaper near the damper area. This will help to heat the flue. Open the damper before this procedure is started.
6. Light the newspaper, or gas log lighter if one has been installed.
7. Close the fireplace screen door (optional accessory).
8. Once the fire has been established, larger logs can be placed against the Kiva Wood Grate. Place up to 3 logs against the wood grate. **DO NOT OVERLOAD!**
9. After all embers have cooled and the fire is completely out, the flue gas damper (D) and the outside air door (L) can be closed.

**DO NOT OVERLOAD THE FIREPLACE GRATE.** Piling excessive wood on the grate will not increase efficiency, and could cause smoke to enter your room.

**WARNING: TO AVOID THE RISK OF DAMAGING FIREPLACE MATERIALS AND INCREASING THE RISK OF SPREADING A FIRE, DO NOT USE THE FIREPLACE TO COOK OR WARM FOOD.**

**CAUTION:** Never use gasoline, gasoline-type lantern fuel, kerosene, charcoal lighter fluid, or similar liquids to start or "freshen up" a fire in this fireplace. Keep all such liquids well away from the fireplace while it is in use.

## CLEANING AND MAINTAINING YOUR ADOBELITE KIVA FIREPLACE

### ASH REMOVAL AND DISPOSAL

Disposal of Ashes;

Ashes should be placed in a metal container with a tight-fitting lid. The closed container of ashes should be placed on a noncombustible floor or on the ground, well away from all combustible materials, pending final disposal. If the ashes are disposed of by burial in soil or otherwise locally dispersed, they should be retained in the closed container until all cinders have thoroughly cooled.

### GRATE

If your grate has deteriorated or is distorted, it should be replaced with an Adobelite kiva grate designed for your fireplace.

### CHIMNEY

The chimney and chimney termination cap should be inspected at least twice a year during the heating season to determine if a creosote build-up has occurred.

### CREOSOTE FORMATION AND REMOVAL

Creosote accumulations in the chimney are extremely dangerous and present a serious fire hazard. The tar-like substance is generated when wood is burned slowly, producing tar and other organic vapors. When combined with expelled moisture, creosote vapors condense in the relatively cool chimney flue of a slow-burning fire. Creosote build-up can ignite suddenly and will burn at extremely high temperatures. The chimney should be inspected at least twice a year during the heating season to determine if a creosote buildup has occurred. If a significant layer of creosote has accumulated (1/8 inch or more) it should be removed to reduce the risk of a chimney fire.

### CREOSOTE CLEANING INSTRUCTIONS

In order to clear creosote from the flue, the chimney termination cap must be removed.

- If the termination is a round top characterized by 3 ft. of exposed pipe and a round cap, simply remove the three sheet metal screws that secure the termination to the last section of the pipe and lift the cap off.
- For chase style termination with a pyramid cap, remove the screws at the four corners that secure the top. Place the top aside. The flue is now clear for cleaning.
- Cleaning the chimney is very dirty work. Close the damper before starting or fine soot can become airborne in the house. After cleaning is completed, open the damper and collect the debris in a trash container. A professional chimney sweep has all the tools and experience necessary to do a complete job and should be considered for this chore. Be certain to clean all loose debris from spark arrestors before replacing terminations.

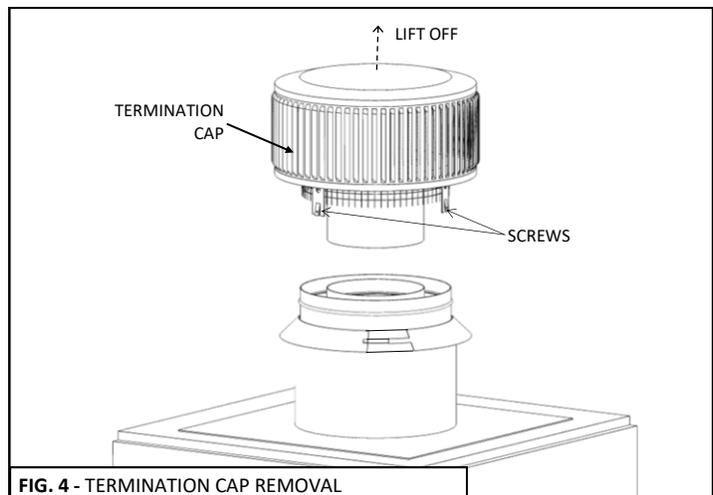


FIG. 4 - TERMINATION CAP REMOVAL

## **TROUBLESHOOTING**

### **SMOKING**

When installed and operated properly, your full-view fireplace will operate without smoke spillage into the room. In the event a smoking problem does occur, the cause may be easily traced to one of the conditions listed:

- Outside environmental conditions, such as inversions.
- Lack of ventilation due to a tightly insulated house. This can prevent the fireplace from drawing properly.
- Other appliances competing for the available air in a tightly sealed home, such as: heating appliances, kitchen exhaust fans, and bathroom exhaust fans.
- Relationship of your house to hills, trees and nearby taller buildings. This can affect wind conditions which will have a direct effect on your fireplace operation.
- Chimney termination not installed to the proper height.
- Blockage of the flue or the termination cap.
- Flue and termination caked with a creosote build-up.
- Grate too far forward, not positioned behind the smoke shelf.
- Damper not in the *fully opened* position.
- Outside air damper not in the open position.

### **COLD AIR DRAFTS**

In cold climates, you must take special precautions and follow the cold climate installation instruction section of your installation manual.

If cold air drafts are present when the fireplace is not in operation, you should check the following:

- If air is coming out of the fireplace opening, check to see that the damper is in the closed position.
- If air is coming in near the bottom of the firebox interior, make sure that the outside combustion air damper is closed.
- If air coming in around the sides of the fireplace, between the fireplace face and the wall, check to see that the fireplace frame has been caulked to the enclosure frame.
- If cold air is emanating from the bottom grille (circulating units only), check that the fireplace enclosure and the base of the fireplace have been insulated according to the cold climate installation instructions.

**FIVE YEAR LIMITED WARRANTY**

ADOBELITE LLC. HEREIN WARRANTIES THE COMPLETE MASONRY FIREBOX, METAL ACCESSORIES AND THE METAL TUBULAR FRAME AGAINST ANY DEFECTS FOR A PERIOD OF 5 YEARS FROM ORIGINAL PURCHASE DATE. ANY DEFECTS DUE TO SHIPPING OR MANUFACTURING MUST BE REGISTERED AT THE DATE OF DELIVERY. IF THE PRODUCT IS UNACCEPTABLE DUE TO DAMAGE OR DEFECT, THE PRODUCT MUST BE UNACCEPTED AND RETURNED BY THE SAME SHIPPER IN ORDER TO MAKE THIS WARRANTY VALID.

ADOBELITE LLC. WILL NOT BE RESPONSIBLE FOR ANY ASSERTED DEFECT, WHICH HAS BEEN RETURNED DUE TO NORMAL WEAR, MISUSE, ABUSE OR REPAIR OR ALTERATION MADE OR SPECIFICALLY AUTHORIZED BY ANYONE OTHER THAN ADOBELITE OR AN ADOBELITE REPRESENTATIVE.

ADOBELITE LLC. WARRANTIES ALL INSTALLATIONS FOR ONE FULL YEAR FROM SUBSTANTIAL DATE OF COMPLETION. THIS WARRANTY INCLUDES ALL PARTS AND PLASTER INSTALLED BY ADOBELITE. ANY MODIFICATIONS OR ALTERATIONS DONE BY ANYONE OTHER THAN ADOBELITE, OR NOT AUTHORIZED IN WRITING BY ADOBELITE WILL VOID WARRANTY.

**CUSTOMER SERVICE**

Enjoy your fireplace! If you have any problems, please review this guide for a possible solution. If the problem persists, please contact your Adobelite dealer or Adobelite distributor. If you are unable to contact any of the above, a customer representative at Adobelite is ready to help you.

Please contact:



10031 Southern Ave SE, Albuquerque NM 87123  
ph: 505-291-0500 fax: 505-291-9317  
email: [customerservice@adobelite.com](mailto:customerservice@adobelite.com)