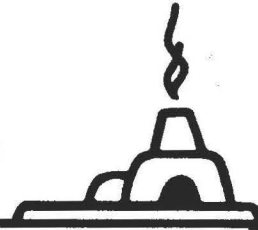


# ADOBELITE



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## HOMEOWNER'S GUIDE FOR YOUR ADOBELITE FIREPLACE

Before building your first fire, read this warranty and 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.

**This general purpose guide is supplied for use with all wood-burning and gas-only Adobelite fireplace systems. Make sure you are following the recommendations appropriate for the type of fireplace you have purchased.**

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## Important Safety Precautions

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

- IMPROPER INSTALLATION OF YOUR ADOBELITE FIREPLACE AND ADOBELITE COMPONENT PARTS: CONSULT YOUR INSTALLATION INSTRUCTION BOOK.
- ALTERATION OF THE ADOBELITE FIREPLACE OR ANY OF ITS COMPONENT PARTS.

THE SAFETY PRECAUTIONS AND OPERATING INSTRUCTIONS PRESENTED IN THIS HOMEOWNER'S GUIDE CANNOT COVER ALL POSSIBLE SITUATIONS THAT MAY ARISE DURING YOUR FIREPLACE OPERATION. COMMON SENSE, CAUTION, AND CARE MUST ALWAYS BE USED.

### 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.

- The exposed parts of your fireplace and glass panel (if installed) become very hot.

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 FOODS.

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.

## Understanding Your Fireplace

This Intertek Testing Service-listed fireplace has been tested to UL 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 on each component for use by the installers and by the local building inspector to ensure compliance.

### Firebox and Frame

The firebox is the part of your fireplace where the fire is built: it is made of pre-cast components consisting of firebrick and lightweight concrete, and is surrounded by a fabricated tubular steel and diamond mesh frame mounted to and housing the firebox. This frame is coated with three layers of stucco after installation. The air space between the firebox and outer enclosure provides air circulation—a feature that has been engineered for safe and efficient operation.

WARNING: DO NOT OVERFUEL FIREPLACE.

## Chimney System

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.

## Damper

The damper is the metal disk found at the base of the chimney (flue) and has two positions: open and closed. (See 'Damper Operation' below.)

## Damper Operation

The flue gas damper 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 opens the damper. Pulling closes it. This action can be easily accomplished with a fireplace poker.

## Air Kit Operation

The damper for the air kit control is located on the inside of the fireplace. See the installation instructions of your fireplace for the operation.

## Fireplace Grate

The unit has an optional grate 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. By keeping your logs within the grate and not on the hearth, you will prevent the chance of having a log "spill" or roll out of the fireplace. **DO NOT OVERLOAD THE FIREPLACE.** Piling excessive wood on your grate will not increase efficiency, and could cause smoke to enter your room. When replacing the grate, use only the appropriate Adobelite replacement kiva grate for your fireplace model.

## Operating Your Fireplace

- Keep the grate behind the opening.
- Open the flue damper. ***The flue damper must be in the fully opened position.***
- Open the combustion air damper.
- Build a proper fire.
- Use dry wood that has been seasoned for at least ***one*** year.
- Criss-cross small pieces of wood and place crumpled newspaper under them.
- Place 3 logs on grate. **DO NOT OVERLOAD.**
- Light the newspaper, or gas log lighter if one has been installed.
- Close the fire screen (optional accessory: see the 'Adobelite Fireplace Accessories & Options' section on page 5).
- ***In cold weather***, to assure proper draw, preheat the flue by burning a crumpled newspaper in the damper area. This will help to heat the flue. Open the damper before this procedure is started.
- After using the fireplace, do not close the damper until you are certain there are no warm embers.
- If you are using processed solid fuel fire logs, do not poke or stir the logs while they are burning.
- This fireplace is not intended to be used as a substitute for a furnace to heat an entire home. Use for supplementary heating only.

## Cleaning & Maintaining Your Fireplace

### 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 build-up has occurred: if so, it should be removed to reduce the risk of a chimney fire.

### Cleaning Instructions

In order to clear creosote from the flue, the chimney 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.

### 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.

## 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.

**NOTE:** After you have followed the precautions listed above, there may still be some cold air draft coming through other areas: this may be due to the circumstances beyond the manufacturer's control, such as air flow around the structure, tightness of the house (creating negative pressure), etc.

### **Whistling Noise (wood-burning Adobelite fireplaces with glass door installed)**

During the summer, if your wood-burning fireplace with a glass door begins to make a whistling noise while an evaporative cooler is running, first make sure the damper is closed (this does not apply to gas-converted or all-gas fireplaces), then open a window that is close to the fireplace about one inch. The noise is caused by forced air around the door; opening a window will alleviate the pressure and should completely solve the problem.

### **Ash Disposal**

Ashes should be placed in a metal container with a tight-fitting lid. Pending final disposal, the closed container of ashes should be placed on a non-combustible floor or on the ground, well away from all combustible materials. 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.

Keep all combustible furnishings a considerable distance from the fireplace.

**WARNING:** NEVER BLOCK A VENT OR GRILL OF THE FIREPLACE. THESE ARE IMPORTANT TO THE COOLING OF THE FIREPLACE AND ASSURE SAFE AND PROPER OPERATION AS DESIGNED.

## **Adobelite Fireplace Accessories & Options**

### **Glass Door**

A glass door is available as an optional accessory for use on all wood-burning Adobelite model fireplaces. It is required for use with the Adobelite all-gas system. Refer to the fireplace installation instructions as to which model fits your fireplace.

**WARNING:** THE ADOBELITE WOOD-BURNING FIREPLACE HAS NOT BEEN TESTED FOR USE WITH GLASS DOORS. THE DOOR MAY BE INSTALLED TO PREVENT AIR LOSS, BUT SHOULD NOT BE IN PLACE WHEN FIRE IS PRESENT.

Use of glass doors other than those manufactured by Adobelite, LLC voids the warranty and may create a potentially hazardous condition.

Your fireplace has been equipped with a steel door frame. Installation of a glass or screen door is optional for wood-burning fireplaces. Both styles are easy to install and remove.

**WARNING: DO NOT USE A FIREPLACE INSERT OR PRODUCTS NOT SPECIFIED FOR USE WITH THIS FIREPLACE.**

### **Gas Conversion**

If you are converting an Adobelite wood-burning fireplace to burn gas, you will need the Adobelite kiva ceramic log and grate set. See the pre-installation page on log lighter installation for more information.

**WARNING: ONLY A LICENSED AND CERTIFIED NATURAL GAS OR PROPANE CONTRACTOR SHOULD INSTALL ANY GAS CONVERSION OR ALL-GAS FIREPLACE. ANY PERMITS AND CONSTRUCTION INDUSTRY SPECIFICATIONS REQUIRED FOR INSTALLATION SHOULD BE COMPLETED BY THIS CONTRACTOR.**

**WARNING: THIS FIREPLACE HAS NOT BEEN TESTED WITH AN UNVENTED GAS LOG SET. TO REDUCE THE RISK OF FIRE OR INJURY, DO NOT INSTALL AN UNVENTED GAS LOG SET INTO THIS FIREPLACE.**

When converting to gas, it is required that the damper be secured in a permanently open position. *It must not be closed.*

### **Gas-Only Fireplace**

**WARNING: THE ADOBELITE GAS-ONLY BURNING FIREPLACE HAS BEEN EQUIPPED WITH A 6" DIAMETER DAMPER AND A 6" DIAMETER B-VENT CHIMNEY SYSTEM. THIS FIREPLACE CAN NEVER BE CONVERTED TO A WOOD-BURNING UNIT.**

Lighting instructions vary with the type of valve installed: see valve manufacturer's instructions for lighting.

The Adobelite gas-only fireplace comes with a tempered glass kiva door, and is held in place by four screws, which are easily removed to allow access to the firebox for lighting the pilot and for maintenance. The door should remain in place during burning. The gas-only unit has been tested and approved with a glass door in place when fire is present.

## 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 service representative at the Adobelite factory is ready to help you.

Please contact:



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 email: adobelite@adobelite.com

For future reference, please fill out the following information: the model and serial numbers can be found on the rating plate in the firebox (see below). You will need to provide this information should you ever require factory or dealer assistance.

Fireplace Model Number:

Fireplace Serial Number:

Date of Occupancy:

## Wood-Burning Fireplace Rating Plate

**NOTE:** The serial number and other pertinent information for the wood burning fireplace can be found on the rating plate located at the bottom of the front arch inside the firebox.


model type: 24 or 30

serial number

MANUFACTURED BY  ADOBELITE, LLC ALBUQUERQUE NM 87123 MODEL TYPE ( )	FIREPLACE INTENDED FOR USE WITH SOLID WOOD FUEL ONLY. SEE ADOBELITE INSTALLATION AND OPERATING INSTRUCTIONS FOR THIS MODEL. CONTACT LOCAL BUILDING OFFICIAL PRIOR TO INSTALLATION.	LISTED FACTORY BUILT FIREPLACE  TESTED TO U.L. 127 FIREPLACE SERIAL NO. ←
FIRE CHAMBER INTENDED FOR USE WITH FMI, HEATILATOR, OR SUPERIOR CHIMNEY AND ADOBELITE FIREPLACE PARTS. DO NOT USE FIREPLACE INSERT OR OTHER PRODUCTS NOT SPECIFIED FOR USE WITH THIS MODEL.		
▼ ▼ ▼ WARNINGS ▼ ▼ ▼ WARNINGS ▼ ▼ ▼ WARNINGS ▼ ▼ ▼ WARNINGS ▼ ▼ ▼ WARNINGS ▼ ▼ ▼		
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 THE 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 FIRE-PLACE TO COOK OR WARM FOODS.	CLEARANCE: UNIT TO BACK/SIDE WALLS 3' CHIMNEY TO FRAMING CHASE 2' FIREPLACE OPENING TO SIDE WALL 18"
IF THE FIREPLACE IS CONVERTED TO GAS, THE DAMPER MUST BE FIXED IN A PERMANENTLY OPEN POSITION.		

## Gas-Only Fireplace Rating Plate

**NOTE:** The serial number and other pertinent information for the gas burning fireplace can be found on the rating plate located on the valve box.

<b>REMOVE SCREWS BEFORE SERVICING</b>		<b>LISTED VENTED GAS FIREPLACE, ANSI Z21.50-1999-CGA 2.22-M99 MODEL GAS-BURNING ADOBELITE KIVA FIREPLACE NOT FOR USE WITH SOLID FUEL</b>			<b>REMOVE SCREWS BEFORE SERVICING</b>	
	<b>SERIAL#</b> <span style="border: 1px solid black; display: inline-block; width: 200px; height: 15px;"></span>					
		<input type="checkbox"/> NATURAL GAS	<input type="checkbox"/> PROPANE GAS	<b>Manufactured by: ADOBELITE,LLC 9614 Cochiti SE Albuquerque NM 87123</b>		
	<b>Input Rating (Btu/hr)</b>	<b>36,900</b>	<b>49,000</b>			
	<b>Orifice (DMS)</b>	<b>27</b>	<b>43</b>			
<b>Manifold Pressure</b>	<b>2.8</b>	<b>7.8</b>				
	<b>Minimum Inlet Pressure (in w.c.)7.0</b>	<b>11.0</b>				
<p><b>WARNING:</b> Refer to the owner's manual provided with this appliance. Installation and service must be performed by a qualified installer, service agency, or the gas supplier. This appliance must be installed in accordance with local codes, if any; if not, follow ANSI Z223.1. Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury, or loss of life. Use only glass assemblies certified for use with this appliance. Do not operate with glass panel cracked or broken.</p> <p><b>CAUTION:</b> Hot while in operation. Do not touch. Severe burns may result. Keep children, clothing, furniture, and flammable liquids or vapors away. Keep burner and control compartment clean. Maintain 3-in clearance between back and sides to combustible walls. This appliance must be properly connected to a venting system in accordance with the installation instructions.</p>						