



OWNER'S MANUAL

Thank you for purchasing a Fuego Flames
Fireplace.

You can look forward to many years of enjoyment
from your Fuego.

It will provide an abundant source of supplemental
heat

For your home, as well as the beauty of the
flickering flames!

Model: _____
Date of Purchase: _____
Installation Date: _____
Dealership where purchased: _____
Dealer Phone: _____
Installed by: _____

Please read the following completely before installing and using your new insert/fireplace.

Important Safety Notes

1. When installing your insert/fireplace, particular attention should be paid to fire protection. If this insert/fireplace is not properly installed, a house fire may result. To reduce the risk of fire, follow the installation instructions. Contact local building, fire officials or authority having jurisdiction about restrictions, installation inspection and permit requirements in your area.
2. Caution: Never use gasoline, gasoline type lantern fuel, kerosene, charcoal lighter fluid, or similar liquids to start or "freshen up" a fire in this insert/fireplace. Keep all such liquids well away from the insert/fireplace while in use.
3. During operation, if any part of the insert/fireplace starts to glow, the insert is in an overfired condition. Overfiring VOIDS your warranty. WHAT TO DO:
4. Cool ashes should be disposed of carefully, using a metal container.
5. Do not burn wet or green wood. Store seasoned wood in a dry location.
6. Do not burn garbage or flammable fluids such as gasoline, naphtha, or engine oil. Do not burn treated wood, or wood with salt (driftwood, etc). Burning materials other than wood (including charcoal) under adverse conditions may generate carbon

WARRANTY AND REPLACEMENT PLAN

20 Year Limited Warranty

The Fuego Flames convector firebox has a 20 year warranty. If during that 20 year period following purchase, the firebox fails to function properly because of defects in material or workmanship, the firebox will be replaced at the cost of the manufacturer, excluding all the cost of labor. Purchaser must notify Fuego Flames promptly and dealer in writing of the alleged defect.

The warranty shall not apply if, upon the examination to the satisfaction of Fuego flames, the firebox fails to operate properly because of improper installation, misuse, abuse, negligence, or accident, whether intentional or unintentional, or where the product has been tampered with or altered in any way. Nor shall the factory be responsible for any consequential damage arising therefrom. The warranty shall not apply to the product or any component of the product which has been moved from its original place of installation. The warranty is in lieu of all other warranties expressed or implied, and all others obligation or other liabilities on the part of Fuego Flames Fireplace.

No person or representative is authorized to assume for Fuego Flames Fireplaces any other obligations or liabilities in connections with sale of the product.

Fuego Flames Sales
1600 Bluff Road

11. Do not permit creosote or soot to accumulate excessively in the chimney or inside the box.
12. Never leave children unattended when a fire is burning in the fireplace.

7. Do not permit creosote or soot to accumulate in the chimney or inside the firebox.
8. Check your chimney system thoroughly when installing into an existing metal or masonry chimney. Seek professional advice if in doubt about its condition.
9. Do not connect this unit to a chimney flue already serving another appliance.
10. Comply with all minimum clearances to combustibles as shown in the instructions for this insert/fireplace and the label on the inside of the firebox.
11. HOT while in operation! Keep children, pets, clothing and furniture away. Contact can cause a skin burns.
12. Risk of fire. Do not operate with doors open. Operating with doors open could result in overfiring.
13. For further information on using your insert/fireplace safely refer to the NFPA, National Fire Protection Association 211. www.nfpa.org
14. Do not operate without fully assembling all components.
15. Do not operate with broken glass.

Prior to first burn: Clean door surface with a glass cleaner and soft cloth to prevent staining from fingerprint oils.

SAVE THESE INSTRUCTIONS

HOW IT WORKS

When operated properly, the Fuego controls the air flow providing ultimate burning conditions. Only a limited amount of air is admitted into the firebox for burning. In the Fuego, the fire burns at about 900 degrees or more. This creates a phenomenon called secondary burn. The volatile gases which, in a conventional fireplace, go up the chimney as black or gray smoke to form creosote and pollution are burned inside the firebox in the Fuego. This means that the fireplace creates a great deal of heat, and little or no smoke or pollution.

The heat of all Fuego fireplaces is the unique convective firebox. Inside the firebox enclosure, the fire is controlled by the small amount of air that is taken into the unit through the manifold openings on the side of the unit and the small space between the doors. Only this small amount of air from the rooms escapes up the chimney through the Fuego damper-which is almost totally closed while the fire is burning. Since the damper is almost closed, very little of the fire's heat can go up the chimney and because the glass doors are always closed, very little of the heated room air can be drawn into the fire and sent up the chimney.

Once the Fuego fireplace has become very hot, quantities of room air are drawn in under the firebox (not into the firebox) and are heated. This heated air rises around the firebox, is heated further by the sides, back, and top of the firebox and is vented back into your room at the top of the unit. This natural movement of heated air is known as convection. It produces a steady circulation of warmth into

IMPORTANT DON'T

1. Do not use kindling wood.
2. Do not allow flames to lick the glass doors.
3. Do not use more than three 5" logs at a time.
4. Do not close the damper on a large, raging fire.
5. Do not scratch or chip the glass.
6. Do not leave large fires unattended for long periods of time.
7. Do not operate your Fuego as you would a normal fireplace. A Fuego is unique and should be operated as these instructions indicate.
8. 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 in use.
9. Do not place clothing or other flammable materials on or near the fireplace.
10. Do not burn garbage or flammable fluids such as gasoline, naphtha, or engine oil. Do not burn treated wood, or wood with salt, (driftwood, etc). Burning materials other than wood (including charcoal) under adverse conditions may generate carbon monoxide in the home, resulting in illness or possible death.

try this and you don't get the desired heat, please contact us at **1-800-445-1867** and we will further evaluate what might be the problem.

7. Be sure to open damper all the way each time you open the doors. Open both doors at the same time, slowly.

8. Unlike an open hearth fireplace, you do not need a large fire or a large amount of wood to get abundant heat from your Fuego. **DO NOT OVER FIRE THIS UNIT!**

Helpful Hints

Use Seasoned Wood

Only seasoned wood should be used in your Fuego. Seasoned wood is wood that has been cut, split, and dried for approximately 8 months to a year. Wood that has been lying on the ground is not seasoned regardless of how long it has been there because it has been absorbing moisture from the ground. When you burn unseasoned wood, a larger percentage of the fire's energy is used to evaporate the water, leaving less energy to provide heat to your home. You may find that your Fuego will provide more heat on some days than on others. This is normal due to differences in seasoning and types of wood you are burning. For instance, a 5" diameter, 20" long oak log contains approx-

mately 14,000 BTU's of heat. The same size log in pine will contain about half as many BTU's and both types of logs that are unseasoned will provide considerably fewer BTU's.

Keep Doors Closed

The Fuego should be operated with its glass doors closed. If it is operated with the doors opened, it will lose much of its effectiveness because the damper will have to be fully opened. When the damper is open, it will act much the same as an open hearth fireplace-most of the fires heat will go up the chimney. It will draw a lot of heated room air into the fire and will use much more wood. If you operate the Fuego with its doors open or removed, be sure to use a spark screen in front of it. Fuego does make special screen doors for the fireplace that are available for purchase.

Cleaning the Doors

To reduce the creosote on the glass doors, open the doors after the fire has been burning for approximately 30 minutes and carefully wipe the inside of the doors with a paper towel. After the fire has gone out and the doors are completely cool, you can remove the doors to clean off any heavy accumulation of creosote. Simply dip the damp cloth in the ashes and wipe the doors with it, or use an oven or creosote glass cleaner. Be certain not to use any sharp instrument to clean the doors as this could cause scratches in the glass.

Ashes

When burning your Fuego, maintain at least two inches of ashes in it at all times. The ashes will further protect the bottom of the firebox and allow coals to last longer.

However, during the spring and the summer when your Fuego is not in use, all of the ashes should be removed and the firebox vacuumed out. Moisture could build up in the ashes during that time, causing an acid condition which could cause rusting. Moisture in the ashes may also cause an odor. To prevent moisture from coming down the chimney, it is recommended that all chimneys have a chimney cap on them. Every two or three years you should wire brush your Fuego and repaint it. This will prolong the life of your unit.

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

Chimney Care

It is very important to keep your chimney clean. It is recommended that your chimney be cleaned before the Fuego is installed and that the chimney be checked frequently after the Fuego is installed. When wood is burned slowly, it produces tar and other organic vapors which combine with expelled moisture to form creosote. The creosote vapors condense in the relatively cool

Starting the Fire

Follow these easy steps to get the most heat from your wood burning Fuego Flame Fireplace...

1. Open the damper all the way
2. Crumble eight to ten pages of newspaper and place under, between and on top of the grate. Kindling is not necessary.
3. Use dry seasoned wood. Place three to four logs in the Fuego grate and light the newspaper in several places. If the room is already warm, close the firedoors immediately. If the room is cold, you should allow the doors to warm up before closing them.
4. Burn with the damper full open for 40 minutes to allow the flue to be heated thoroughly, so you will get the needed draw.
5. Close the damper down one notch to the right of full open (65%) and burn for another 20 minutes or until the thermometer reads above 400 degrees.
6. Close the damper to the last notch prior to being fully closed. If any smoke enters the room, you have closed the damper too quickly. The temperature should slowly rise to 900 – 1200 degrees. This is where you want to burn the Fuego to assure the maximum heat and efficiency. If you

its temper after exposure to high levels of heat. Although ceramic glass is high quality, please avoid knocking the glass with objects and never touch heated glass doors with something cold. Never touch the glass doors once a fire has been started as they can burn you – only use the wooden handles.

Door Position

There should be a 1/8" opening between the doors when they are closed. The door pins are adjusted at the factory, but they may come out of alignment in shipping. To adjust the doors, simply bend the top pins to the left or the right. Do not use any other doors with the Fuego fireplace.

Wooden Door Handles

Your fireplace doors came with unfinished wooden handles. These “cool to touch” wooden handles came natural so that they can be painted black, or stained to match your décor.

chimney flue of a slow-burning fire. As a result, residue accumulates on the flue lining. When ignited, this creosote makes an extremely hot fire. The chimney should be inspected at least twice per year during heating season to determine if the creosote buildup has occurred. If creosote has accumulated, the creosote should be removed to reduce the risk of a chimney fire. The chimney cap is removable for chimney cleaning and inspection. To clean the chimney, close the doors and damper of your Fuego and brush the chimney from the top. The dirt and creosote will fall to the bottom and can be cleaned with a vacuum through the Fuego damper opening. We recommend that this cleaning be done by an experienced individual or a chimney sweep.

Smoke and Down Drafting

You may experience back smoking or down drafting through your Fuego. This could be caused by:

- a. A chimney that is too short
- b. Trees or other structures too close to the chimney
- c. Unusual air currents or wind conditions
- d. High humidity or heavy air conditions
- e. Improperly started fire, i.e. closing damper down too quickly

The conditions may be corrected by extending your chimney, using a vacuum chimney cap which creates an updraft, or by using a wind jammer type cap which closes off the side of the chimney from which the wind is blowing. Note: Your Fuego may smoke during the first two or three times that it is burning due to the curing of the paint or oils from manufacturing installation.

Fire Control

On occasion, your Fuego may seem to have a uncontrollably large fire in it even with the damper in its almost closed position. If this is the case, simply open the damper all the way and then carefully open the doors. The fire will die down. After it has burned down for a while, the doors and the damper may be closed again.

IMPORTANT DO'S

1. Read you owner's manual thoroughly.
2. Keep wood with in the confines of the grate basket. Use only the specially designed Fuego grate that can be purchases through Fuego Flames. Do not use any other grate or andirons.
3. Open both doors slowly and at the same time when adding wood to the fire.
4. Use only seasoned firewood.
5. Remove excess build-up of ashes periodically so they won't obstruct manifold air holes. Follow the instructions carefully in this owners manual under the heading Ashes.
6. Clean doors periodically to prevent creosote buildup.
7. Be certain to keep all combustible materials such as chairs, sofas, and other combustible objects at least 36 inches away from the front of the fireplace.

your home. This air gets warmed by the fire, but never enters the combustion chamber and combustion is so complete that very few ashes remain.

CHECKLIST

Baffle

Make sure the baffle plate is placed over the two pins in the back of your firebox and is pushed all the way down behind the brackets at the bottom. The baffle is designed to absorb the hottest part of the fire and it may warp after a period of time. It will not need to be replaced unless the warping becomes extreme. With normal use, the baffle has a life of approximately five years and then will need to be replaced.

Grate

Be certain the grate is properly positioned in the firebox. It should rest on its four legs as close to the front of the unit as possible, with the higher portion of the grate facing the front. For see-through units, it should be placed directly in the center. This grate is specially designed for the Fuego and use of any other grate or adapter will void the warranty.

Ceramic Glass Doors

The Fuego glass doors are made of high quality ceramic glass which makes the doors less vulnerable to breakage from impact or high temperature. The glass will withstand heat levels up to 1400 degrees. Fuego uses ceramic instead of tempered glass because ceramic glass can withstand higher levels of heat and contract and expands better with changing heat temperatures. Also, tempered glass may lose