



**heatilator®**  
*The first name in fireplaces*

Heatilator Inc.  
1915 W. Saunders Street  
Mt. Pleasant, IA 52641  
a HON INDUSTRIES company

## GC136 HEAT CIRCULATING SERIES GAS APPLIANCE **OWNERS MANUAL**

### AND INSTALLATION INSTRUCTIONS

MODELS: GC136, GC136E, GC136L, GC136LE

This manual must be used for installation of the GC136 Series Gas Appliance and retained by the homeowner for operation and maintenance instructions.

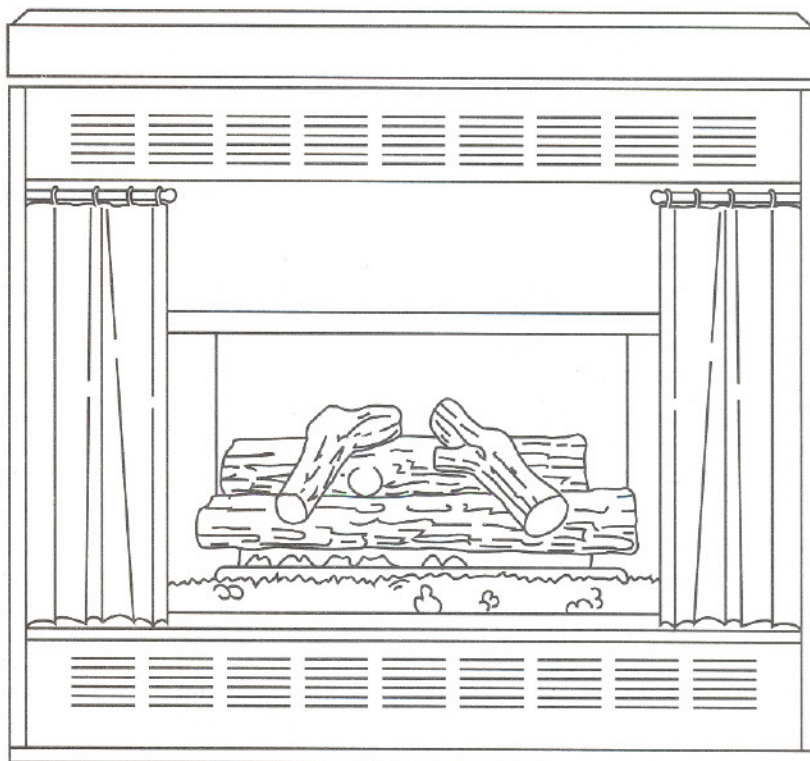
#### **FOR YOUR SAFETY**

**What to do if you smell gas:**

- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

#### **WARNING**

Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual. For assistance or additional information, consult a qualified installer, service agency or the gas supplier.



#### **FOR YOUR SAFETY**

**Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.**



**Electrician:** Please refer to page 12 for wiring instructions.

**Plumber:** Please refer to page 5 and 11 for gas connection information.

**Framer:** Please refer to page 6 for framing specifications.



**PLEASE RETAIN THIS MANUAL FOR FUTURE REFERENCE.**

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**Safety Precautions**

1. Please read these installation instructions completely before beginning installation procedures. Failure to follow them could cause a fireplace malfunction resulting in serious injury and/or property damage.
2. Always check your local building codes prior to installation. This installation must comply with all local, regional, state and national codes and regulations.
3. Installation and repair should be done by a qualified service person. This appliance should also be inspected annually by a qualified service person. More frequent inspections/cleaning may be required due to excessive lint from carpeting, bedding material, etc. It is imperative that the control compartment, burners and circulating air passage ways of the appliance be kept clean.
4. The GC136 fireplace is a vented decorative gas appliance. Do not burn wood or other material in this appliance.
5. NEVER leave children unattended when there is a fire burning in the fireplace.
6. This fireplace must be vented with a minimum 5" B-1 vent system and must terminate above the roof line. Venting must not be connected to a chimney flue servicing a solid fuel burning appliance.
7. NEVER use gasoline, gasoline-type lantern fuel, kerosene, charcoal lighter fluid, or similar liquids in this fireplace. Keep any flammable liquids a safe distance from the fireplace.
8. While servicing this fireplace, always shut off all electricity and gas to the fireplace. This will prevent possible electrical shock or burns. Also, make sure the unit is completely cooled before servicing.
9. During any pressure testing of the gas supply piping system that exceeds test pressures of 1/2 psig, this appliance and its individual shut-off valve must be disconnected from the piping system. If test pressures equal to or less than 1/2 psig are used in pressure testing the gas supply piping system, this appliance must be isolated from the piping system by closing its individual manual shut-off valve during testing.
10. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.
11. Be sure to provide adequate clearances around the air openings into the combustion chamber and adequate accessibility clearances for servicing and proper operation.





## I. LISTINGS AND CODE APPROVALS

### U.S. Certification

The GC136 Series Gas Appliance has been tested in accordance with the ANSI standard Z21.50b-1990 and has been listed by Warnock Hersey for installation and operation as described in these Installation and Operating Instructions. All components are A.G.A. or UL safety certified.

### Canada Certification

The GC136 Series Gas Appliance has been tested in accordance with the CAN/CGA-2.22-M92 and has been listed by Warnock Hersey for installation and operation as described in these Installation and Operating Instructions. All components are C.G.A. or C.S.A. safety certified.

**Note: If installed in a bedroom in Canada, this appliance MUST include non-operable doors.**

### Local codes

Check with your local building code agency prior to installing this fireplace to ensure compliance with local codes, including the need for permits and follow-up inspections. This installation must conform with local

codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1-latest edition, in the U.S.A. and the CANI-B149-latest edition, in Canada.

### Optional components

This gas appliance has been tested and listed for use with the optional components given on page 4. Many optional components may be purchased separately and installed at a later date. However, installation of a remote control or fan kit will require electrical power. To avoid costly reconstruction, a separate source of electrical power should be supplied to the unit at the time of the initial fireplace installation for possible addition of these accessories at a later date.

If any assistance is required during installation, please contact your local dealer or contact Heatilator Customer Relations Department, 1915 W. Saunders Street, Mt. Pleasant, Iowa 52641.

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## II. DESCRIPTION OF THE FIREPLACE SYSTEM

The GC136 Series is a B-vent decorative gas appliance. While a significant amount of heat is created by the GC136, it is not intended to be and, therefore, should not be used as a heater.

This HEATILATOR fireplace system consists of:

1. Fireplace
2. Chimney System
3. Termination

Optional components include:

1. Trim kit
2. Fan kit
3. Remote control
4. Outside air kit
5. Glass doors
6. Rheostat control

**Note: Illustrations throughout these instructions reflect typical installations and are for design purposes only. Actual installation may vary slightly due to individual design preferences. However, minimum and maximum clearances must be maintained at all times.**

**The illustrations and diagrams used throughout these installation instructions are not drawn to scale.**

### Tools and building supplies normally required for installation.

#### Tools

Saw  
Pliers  
Hammer  
Phillips screwdriver  
Tape measure  
Plumb line  
Level  
Electrical drills/bits  
Square

#### Building Supplies

Wall-finishing materials  
Framing material  
Fireplace surround  
Caulking material

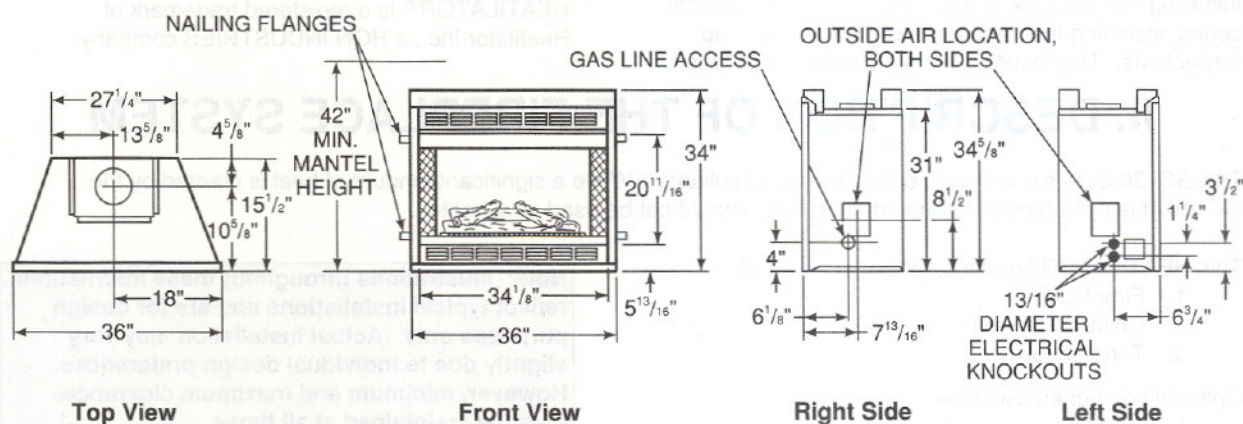




### III. FIREPLACE SYSTEM COMPONENTS

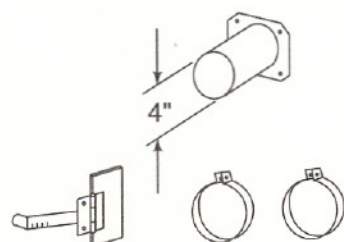
The table below is a list of only those components which may be safely used with this fireplace.

Catalog Number	Description
GC136	36" natural gas, standing pilot, heat circulating fireplace
GC136E	36" natural gas, electronic ignition, heat circulating fireplace
GC136L	36" propane gas, standing pilot, heat circulating fireplace
GC136LE	36" propane gas, electronic ignition, heat circulating fireplace
FK10	Fan kit
BC10	Fan motor rheostat control
FS6	Firestop spacer
RC4	Remote control (standing pilot)
RC5	Remote control (electronic ignition)
TK136A	Trim kit
AK14	Outside air kit
GD136A	Bifold glass doors
GD136B	Bifold glass doors

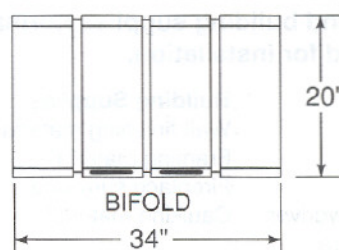


Fireplace Dimensions

Framing dimensions can be found on page 6.



Outside Air Kit  
AK14



Glass Doors  
GD136A



## IV. PRE-INSTALLATION PREPARATION



INSTALLATION AND REPAIR SHOULD BE DONE BY A QUALIFIED SERVICE PERSON. THE APPLIANCE SHOULD BE INSPECTED BEFORE USE AND AT LEAST ANNUALLY BY A QUALIFIED SERVICE PERSON. MORE FREQUENT CLEANING MAY BE REQUIRED DUE TO EXCESSIVE LINT FROM CARPETING, BEDDING MATERIAL, ETC. IT IS IMPERATIVE THAT CONTROL COMPARTMENTS, BURNERS AND CIRCULATING AIR PASSAGEWAYS OF THE APPLIANCE BE KEPT CLEAN.

DUE TO HIGH TEMPERATURES, THE APPLIANCE SHOULD BE LOCATED OUT OF TRAFFIC AND AWAY FROM FURNITURE AND DRAPERIES.

**WARNING:** THIS APPLIANCE MAY USE THE B-VENT CHIMNEY SYSTEM ONLY AND MUST NOT BE CONNECTED TO A CHIMNEY FLUE SERVICING A SEPARATE SOLID FUEL OR GAS FUEL BURNING APPLIANCE.

### A. GAS PRESSURE

For natural gas, the minimum inlet gas supply pressure is 4.5 inches water column, and the maximum inlet gas pressure is 11.0 inches water column, for the purpose of input adjustment. Input rate is 25,000 Btu/hr. For propane gas, the inlet gas supply pressure must be at least 11.0 inches water column and a maximum 14.0 inches water column.

A 1/8" NPT plugged tapping is provided on the gas control valve, near the outlet to the main burner immediately upstream of the gas supply connection to the appliance, accessible for a test gage connection.

### B. HIGH ALTITUDE INSTALLATION

**U.S. installation:** Units are tested and approved for elevations from 0-2000 feet.

When installing this unit at an elevation above 2000 feet, United States codes require a decrease of the input rating by changing the existing burner orifice to a smaller size. Input should be reduced 4% for each 1000 feet above sea level. Check with the local gas utility for proper orifice size identification. This unit is shipped with a .113 in./2.87 mm. orifice size on natural gas versions and a .067 in./1.70 mm. orifice size on propane gas versions.

Consult your local gas company for assistance in determining the proper orifice for your location or refer to ANSI Z223.1-latest edition, Appendix F.

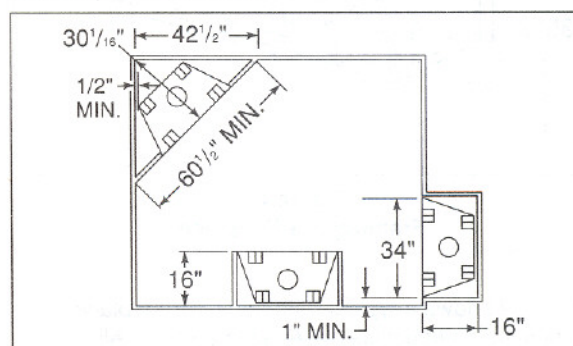
**Canadian installation:** Units are certified for elevations from 0-4500 feet. When installing this unit at an elevation between 0-4500 feet in Canada, the input rating does not need to be reduced.

When installing this unit at an elevation above 4500 feet in Canada, check with local authorities.

Consult your local gas company for assistance in determining the proper orifice for your location or refer to ANSI Z223.1-latest edition, Appendix F.

### C. FIREPLACE LOCATIONS AND SPACE REQUIREMENTS

This appliance may be installed along a wall, across a corner or use an exterior chase. The GC136 Series may be installed at a height level with the floor, or it can be raised up from the floor to enhance its visual impact. Figure 1 illustrates a variety of ways the appliance may be located in a room. These appliances are also certified for installation in a bedroom or bed/sitting room in the U.S. and Canada. (Bedroom installations in Canada require the addition of non-operable doors.)



**Figure 1**  
Fireplace Locations and Clearances

### D. CLEARANCES

The following clearances to combustibles must be maintained: Minimum clearances to the top standoffs of the unit - 0", floor - 0", back - 1/2", sides - 1/2", face of the unit to ceiling - 30". Minimum clearances to venting are as follows: Horizontal run sections require a 3" minimum air space on the top and a 1" minimum air space on the sides and bottom of the chimney section. Vertical rise sections require a 1" minimum air space completely around the chimney section.



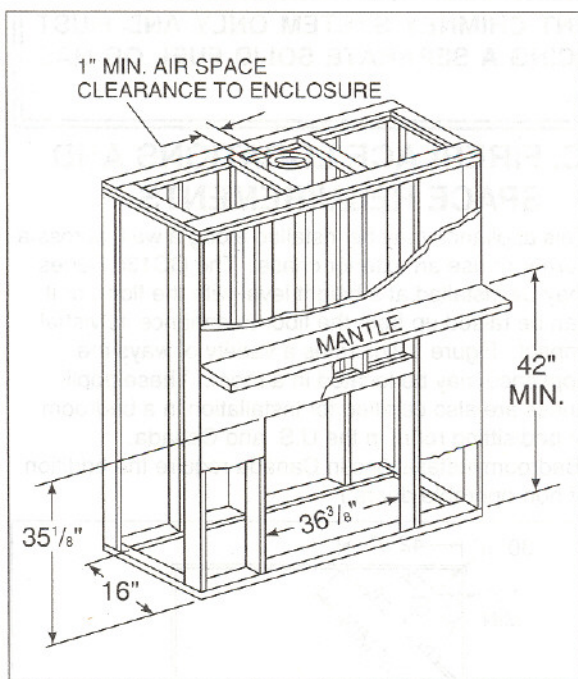


## E. FRAMING THE FIREPLACE

**Note:** If an optional fan (FK10) or hand held remote control (RC4 or RC5) are to be used, wiring must be done prior to finishing to avoid reconstruction.

**Note:** The remote wall switch must be wired prior to applying the finishing material to the wall in order to avoid reconstruction.

The GC136 Series Gas Appliance will fit a framed opening of 36 $\frac{3}{8}$ " w X 16" d X 35 $\frac{1}{8}$ " h.



**Figure 2**  
Framing the Fireplace

Figure 2 shows a typical framing of this fireplace assuming combustible materials are used. All required clearances to combustibles around the fireplace must be adhered to. A 1/2" air space clearance must be maintained at the back and sides of the firebox assembly. Any framing on top of the fireplace must be above the top standoffs. Chimney sections for a horizontal run require a 3" minimum air space clearance on top and a 1" minimum air space clearance on the sides and bottom. Vertical rise sections require a 1" minimum air space clearance completely around the chimney section.

## F. FINISHING MATERIALS

Only non-combustible materials may be used to cover the black fireplace front.

### WARNING

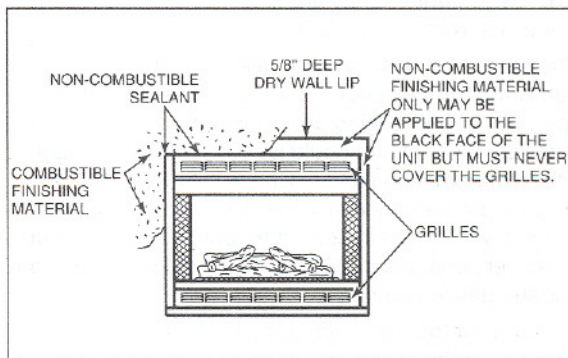
**GRILLS ON THIS APPLIANCE CANNOT, IN ANY WAY, BE COVERED AS IT MAY CREATE A FIRE HAZARD.**

**Combustible Finishing Material.** Material made of or surfaced with wood, compressed paper, plant fibers, plastics, or any material capable of igniting and burning, whether flame proofed or not, plastered or unplastered.

**Non-combustible Finishing Material.** Material which will not ignite and burn. Such materials are those consisting entirely of steel, iron, brick, tile, concrete, slate, glass or plasters, or combination of the materials.

**High Temperature Sealant Material.** Sealants that will withstand high temperatures; General Electric RTV103 (Black), or equivalent. Rutland, Inc. Fireplace Mortar #63, or equivalent.

After completing the framing and applying the finishing material (dry wall) over the framing, a non-combustible sealant, one-half inch wide maximum, must be used to close off any gaps at the top and sides between the fireplace and facing to prevent cold air leaks. See Figure 3.



**Figure 3**  
Finishing Materials





## V. STEP-BY-STEP INSTALLATION OF THE FIREPLACE SYSTEM

### WARNING

#### BEFORE STARTING, DO THE FOLLOWING:

1. WEAR GLOVES AND SAFETY GLASSES FOR PROTECTION.
2. KEEP HAND TOOLS IN GOOD CONDITION. SHARPEN CUTTING EDGES AND MAKE SURE TOOL HANDLES ARE SECURE.
3. ALWAYS MAINTAIN THE MINIMUM AIR SPACE REQUIRED TO THE ENCLOSURE TO PREVENT FIRE.

#### STEP 1 - Positioning the Firebox

This fireplace may be placed on a combustible or non-combustible continuous, flat surface. Slide the unit into position and level the fireplace from side-to-side and front-to-back. Shim with non-combustible material, such as sheet metal, as necessary.

Secure the fireplace by bending out the nailing flanges located on each side of the fireplace and nailing the unit to the framing. See Figure 4.

#### STEP 2 - Termination

Common venting of this appliance with other appliances is not allowed in multi-story dwellings. Common venting with other appliances in other types of dwellings is strongly not recommended. However, if you attempt to do so, you MUST follow all guidelines of the B-vent manufacturer.

Possible problems which may occur from common venting are: Usually more costly; It does not prevent possible spillage of flue gas products into other occupied spaces sharing the common vent; Noise is easily communicated by venting from one room to another.

This appliance requires the use of a 5" B-1 vent for operation and must be terminated above the roof line. Never downsize pipe. Follow all B-1 vent requirements and installation instructions.

The minimum height of vent installation must be 9' from the top or 12' from the base of the appliance. Horizontal run must never exceed 50% of the height of the vent system as shown in Figure 5.

The following figures are the maximum distances from the base of the unit, as well as the minimum air space clearances that must be maintained during termination of this appliance: Maximum straight unsupported rise - 25 feet; maximum horizontal unsupported run - 3 feet; air space clearances around vertical rise - 1" on all sides; air space clearances around horizontal run - 3" on top and 1" on sides and bottom; maximum height - 40' from the base of the unit. Every 1' of horizontal run requires at least 2' of vertical rise.

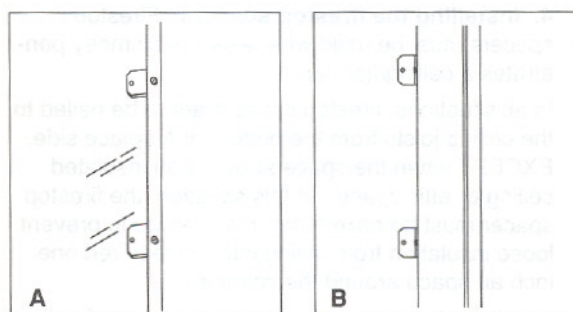


Figure 4  
Nailing Flanges

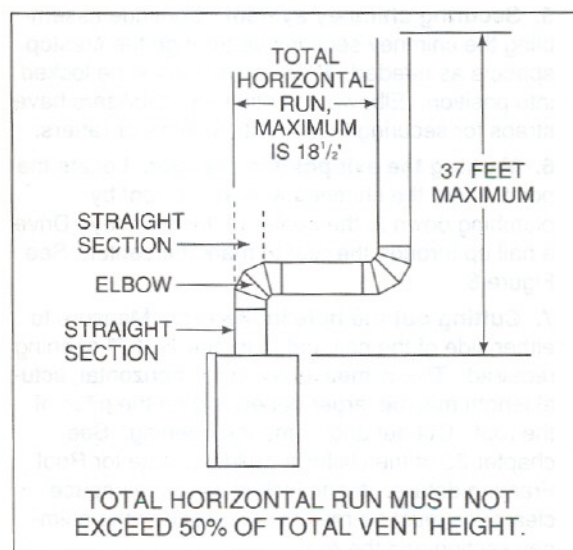


Figure 5  
Venting Off The Top of Appliance

**Note:** The horizontal run of vent must be level or have a 1/4" rise for every 1 ft. of run towards the termination. Never allow the vent to run downward. This could cause high temperatures and may present the possibility of a fire.





**1. Assembling chimney sections.** Attach a straight pipe section to the top of the appliance. Elbows directly off the top of the unit are allowed but are strongly not recommended. This may cause the unit to operate ineffectively. Secure the attached pipe section to the appliance with the three screws supplied. Use only B-vent sections.

**2. Using Elbows.** Elbows exceeding 45 degrees from the vertical shall be considered horizontal and therefore adapt horizontal run limitations. Each such elbow shall be considered the equivalent of 2 feet of horizontal run. See Figure 6.

**3. Penetrating the ceiling.** Mark and cut out an opening in the ceiling for the firestop spacer. Frame the opening with the same size lumber used in the ceiling joists.

**4. Installing the firestop spacers.** Firestop spacers must be used whenever the chimney penetrates a ceiling/floor area.

In all situations, firestop spacers are to be nailed to the ceiling joists from the bottom or fireplace side, EXCEPT when the space above is an insulated ceiling or attic space. In this situation, the firestop spacer must be nailed from the top side to prevent loose insulation from falling into the required one inch air space around the chimney.

Install the firestop spacer by positioning and nailing the four sides of the firestop spacer to the joists using a minimum of three nails per side.

**5. Securing chimney system.** Continue assembling the chimney sections up through the firestop spacers as needed. Pipe sections must be locked into position. Elbows and chimney stabilizers have straps for securing these parts to joists or rafters.

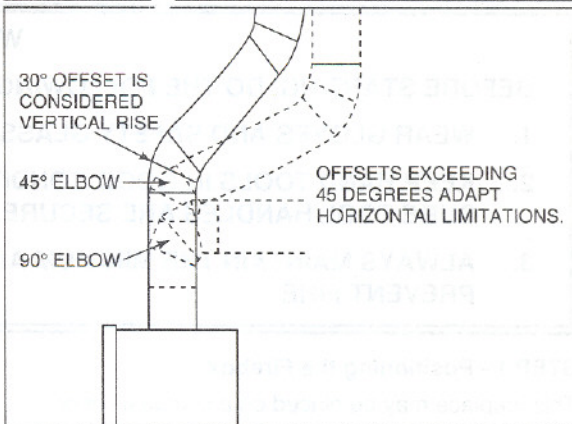
**6. Marking the exit point in the roof.** Locate the point where the chimney will exit the roof by plumbing down to the center of the chimney. Drive a nail up through the roof to mark the center. See Figure 8.

**7. Cutting out the hole in the roof.** Measure to either side of the nail and mark the 7" X 7" opening required. This is measured on the horizontal; actual length may be larger depending on the pitch of the roof. Cut out and frame the opening. See chapter 25 of the Uniform Building Code for Roof Framing details. A one inch minimum air space clearance must be maintained between the chimney section and the roof.

**8. Install roof flashing or site-produced chase top.** Position a roof flashing or a site-produced chase top and secure into place.

**9. Assembling chimney sections.** Continue to add chimney sections through the roof opening, maintaining at least a one inch air space clearance.

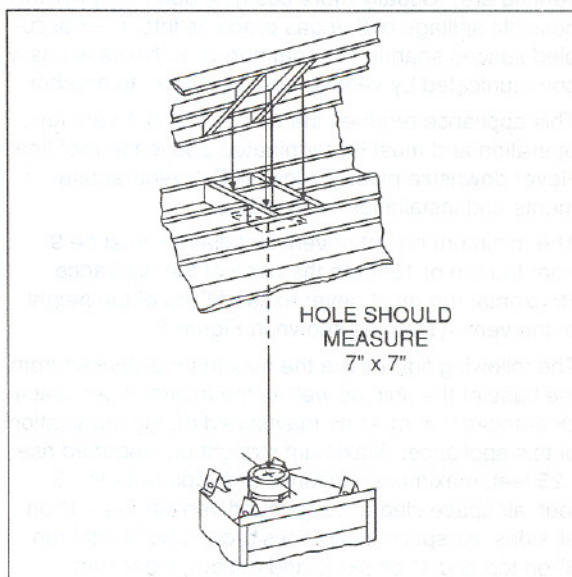
**Note:** Be sure to provide intermediate support for the vent during construction and check to be sure inadvertent loading has not dislodged the vent from the appliance or any vent joint.



**Figure 6**  
Using Elbows

### WARNING

**WHEN VENT SECTIONS EXCEEDING 3 FEET IN LENGTH ARE INSTALLED BETWEEN AN OFFSET/RETURN, STRUCTURAL SUPPORT MUST BE PROVIDED TO REDUCE OFF-CENTER LOADING AND PREVENT VENT SECTIONS FROM SEPARATING AT THE VENT JOINTS. FOLLOW ALL B-VENT MANUFACTURER GUIDELINES.**



**Figure 7**  
Exiting Through the Roof



Roof Pitch	H (Min.) feet
Flat to 6/12	1.0
6/12 to 7/12	1.25
Over 7/12 to 8/12	1.5
Over 8/12 to 9/12	2.0
Over 9/12 to 10/12	2.5
Over 10/12 to 11/12	3.25
Over 11/12 to 12/12	4.0
Over 12/12 to 14/12	5.0
Over 14/12 to 16/12	6.0
Over 16/12 to 18/12	7.0
Over 18/12 to 20/12	7.5
Over 20/12 to 21/12	8.0

**Chart A**  
**Roof Pitch**

**10. Termination cap.** Major building codes specify a minimum chimney height above the roof top.

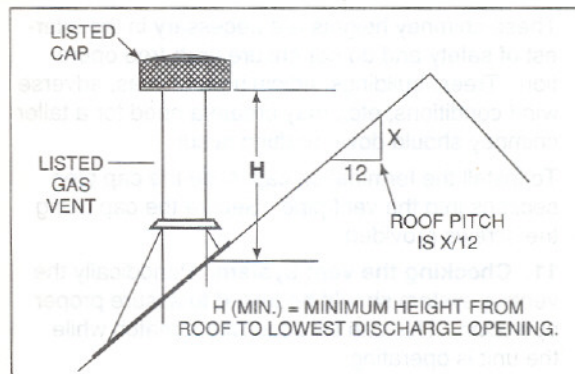
**Listed Cap.** If you are using a listed termination cap and your chimney section is at least 8 feet from a vertical wall, follow Chart A and Figure 8 to determine the allowable termination height and location.

Measure the roof pitch. (Roof pitch is X/12 as shown in Figure 8.) Find your roof pitch on Chart A to determine the minimum height the termination cap must be located from the point where the chimney pipe penetrates the roof (H in Figure 8).

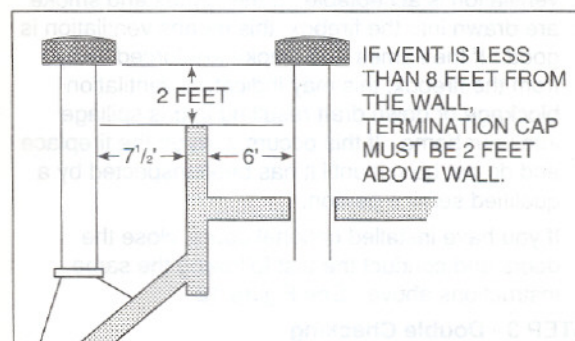
If you are using a listed termination cap and your chimney section is within 8 feet of a vertical wall, then the termination cap must be located at least 2 feet above that wall. See Figure 9.

**Unlisted Cap.** If you are using an unlisted termination cap, you must follow the specifications that are summarized in what is known as the "Ten Foot Rule". This rule states: If the horizontal distance from the side of the chimney to the peak of the roof is 10 feet or less, the top of the chimney (excluding the chimney cap) must be at least 2 feet above the peak of the roof, but never less than 3 feet in height above the highest point where it passes through the roof. See Figure 10.

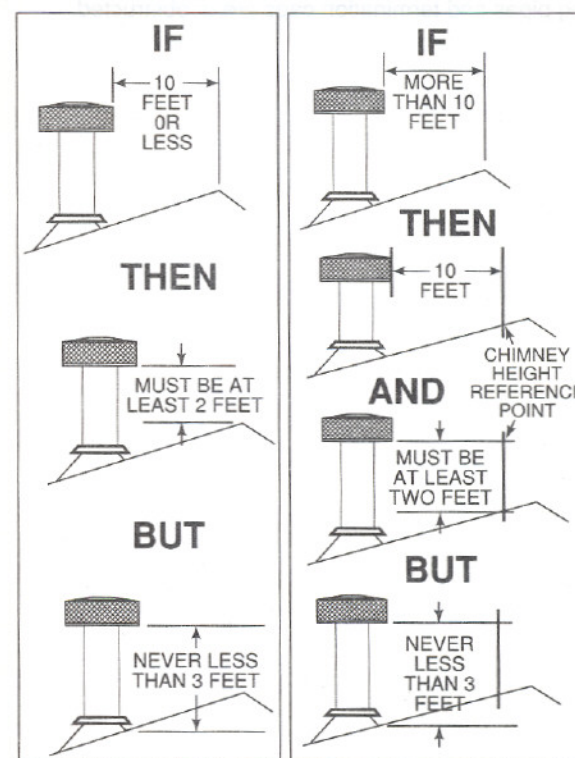
If the horizontal distance from the side of the chimney to the peak of the roof is more than 10 feet, a chimney height reference point is established on the surface of the roof a distance of 10 feet from the side of the chimney in a horizontal plane. The top of the chimney must be at least 2 feet above this reference point, but never less than 3 feet in height above the highest point where it passes through the roof. See Figure 11.



**Figure 8**  
**Listed Termination Cap Height Above Roof Line**



**Figure 9**  
**Listed Termination Cap Within 8 feet of Wall**



**Figure 10**  
**Chimney Height**

**Figure 11**  
**Chimney Height**





These chimney heights are necessary in the interest of safety and do not ensure draft-free operation. Trees, buildings, adjoining roof lines, adverse wind conditions, etc., may create a need for a taller chimney should down drafting occur.

To install the termination cap, slide the cap pipe sections into the vent pipe. Secure the cap using the screws provided.

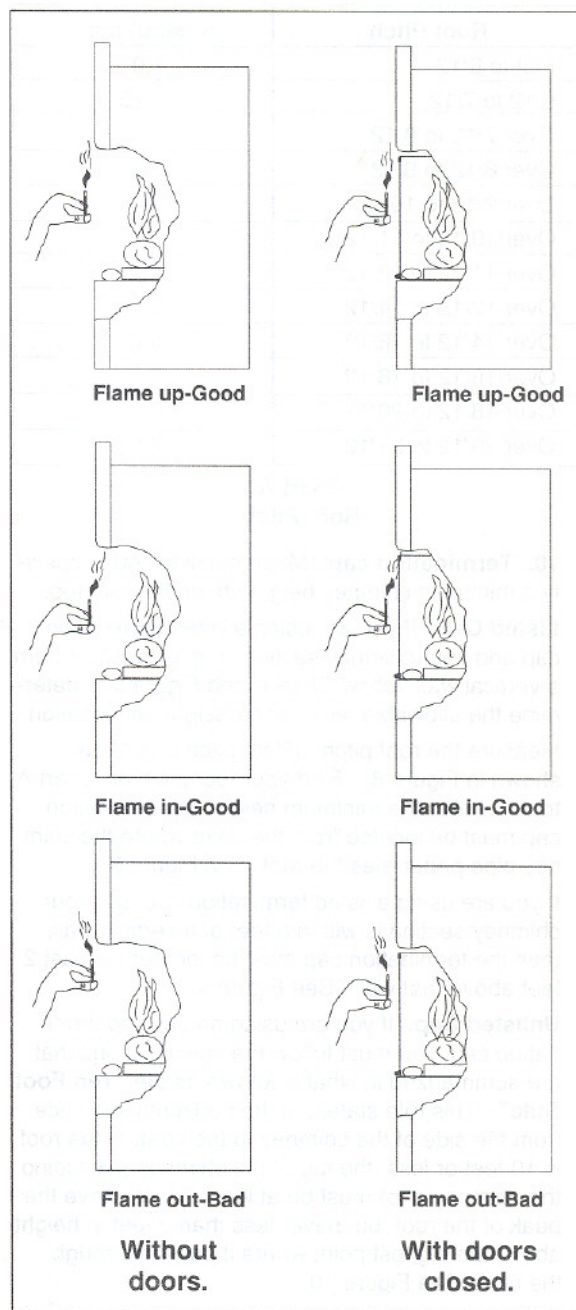
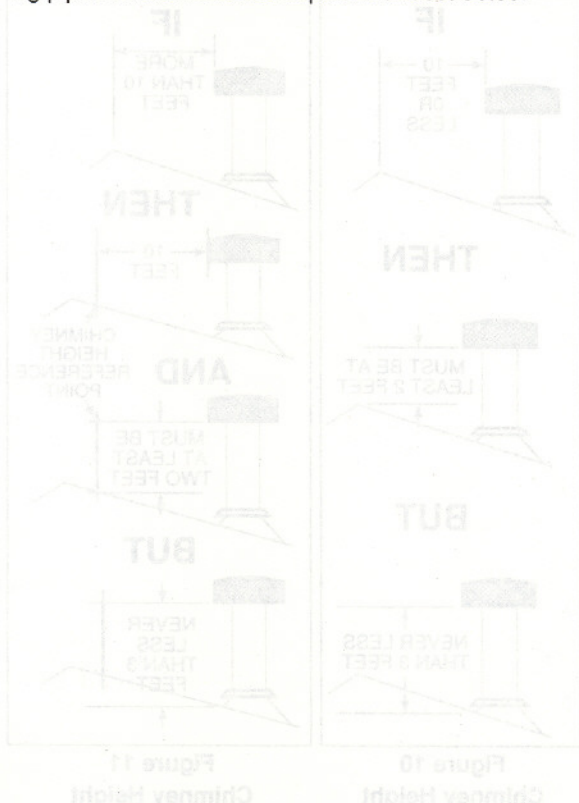
**11. Checking the vent system.** Periodically the venting system should be tested to assure proper operation. This can be done with a match while the unit is operating.

Hold a lighted match at the top edge of the firebox opening. If the flames and smoke remain upright, ventilation is acceptable. If the flames and smoke are drawn into the firebox, this means ventilation is good. If the flames and smoke are forced away from the firebox, this may indicate a ventilation blockage or down draft resulting in gas spillage into your home. If this occurs, turn off the fireplace and do not burn it until it has been inspected by a qualified service person.

If you have installed optional doors, close the doors and conduct the test following the same instructions above. See Figure 12.

### STEP 3 - Double Checking

When construction of the entire chimney system has been completed, double check to make sure all venting pipes and termination caps are unobstructed.



**Figure 12**  
**Testing Ventilation**



**NOTE:** During any pressure testing of the gas supply piping system that exceeds test pressures of 1/2 psig, this appliance and its individual shut-off valve must be disconnected from the piping system. If test pressures equal to or less than 1/2 psig are used in pressure testing the gas supply piping system, this appliance must be isolated from the piping system by closing its individual manual shut-off valve during the testing.

#### STEP 4 - Gas Line Installation

Install the gas line piping up to the right side of the appliance. A separate shut-off gas valve (supplied) should always be used. See Figure 13.

#### STEP 5 - Gas Line Connection

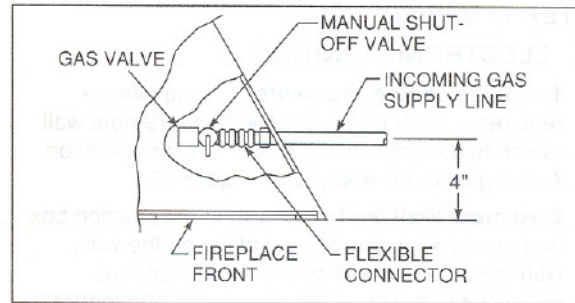
Connect the gas line to the appliance manual valve inlet, using 1/2" pipe. To ease installation, a listed flexible connector and manual shut-off valve are supplied. The manual shut-off valve should be connected directly to the gas valve. Gas connections can be made from the control area by removing the lower grille panel. All connections must be checked for leaks with a soap and water solution.

At this time, bleed the gas line to extract any air that may be trapped inside the pipe.

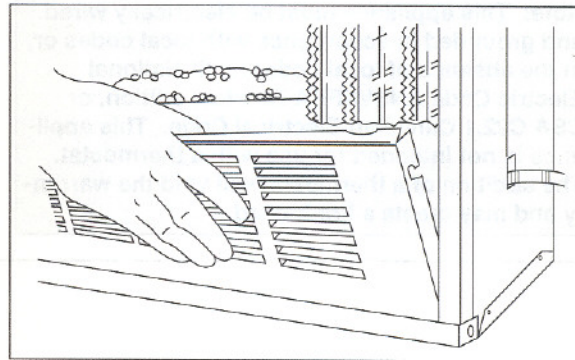
#### STEP 6 - Lower Grille Panel Removal

To remove the lower grille panel, gently lift upward and pull on the upper outside edges of the grille as shown in Figure 14. The top part of the grille will rotate downward.

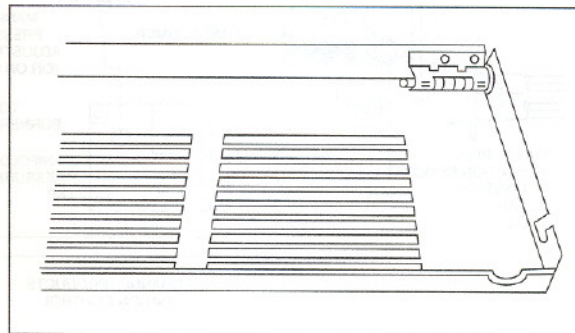
Two spring hinges secure the lower portion of the grille into place. See Figure 15. Simply pull the hinges toward the center of the grille and then pull out the entire grille (Figure 16). To replace the grille, reverse this process.



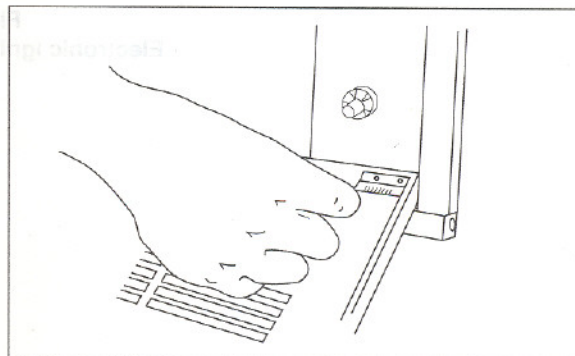
**Figure 13**  
**Gas Line**



**Figure 14**  
**Lower Grille Panel Removal**



**Figure 15**  
**Lower Grille Panel Removal**



**Figure 16**  
**Lower Grille Panel Removal**







## STEP 7 - Wiring

### A. ELECTRONIC IGNITION

**1. Appliance Requirements.** This appliance requires a 110V power supply from a remote wall switch to the appliance junction box for operation. A wiring diagram is shown in Figure 17.

**2. Remote Wall Switch.** Position the junction box (not provided) in the desired place on the wall. Run the provided wire from the junction box, connect it to the provided wall switch and mount the wall switch inside the junction box.

**Note:** This appliance must be electrically wired and grounded in accordance with local codes or, in the absence of local codes, with National Electric Code ANSI/NFPA 70-latest edition, or CSA C22.1 Canadian Electrical Code. This appliance is not intended for use with a thermostat. The addition of a thermostat will void the warranty and may create a fire hazard.

### 3. Optional Accessories Requirements.

Optional accessories may be added now or at a later date, however, wiring should be done now to avoid significant wall reconstruction. The optional fan kit (FK10) requires a separate 110V power supply to the appliance junction box for operation, as shown in Figure 17, #2. No additional power supplies are required for the fan motor speed control (BC10) or the remote control (RC5). Wiring diagrams are provided with all accessories.

\*FIELD INSTALLED WIRES MUST BE GROUNDED. TWO SUPPLIES ARE REQUIRED IF AN OPTIONAL FK10 FAN KIT IS TO BE USED.

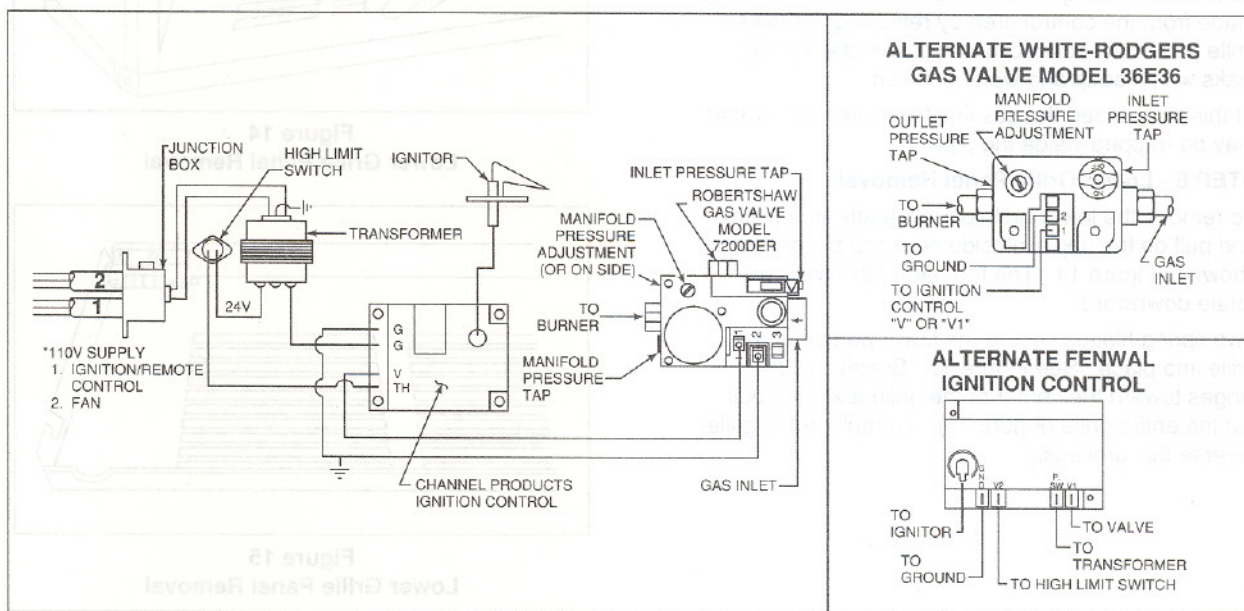


Figure 17  
Electronic Ignition Wiring Diagram



## B. STANDING PILOT IGNITION

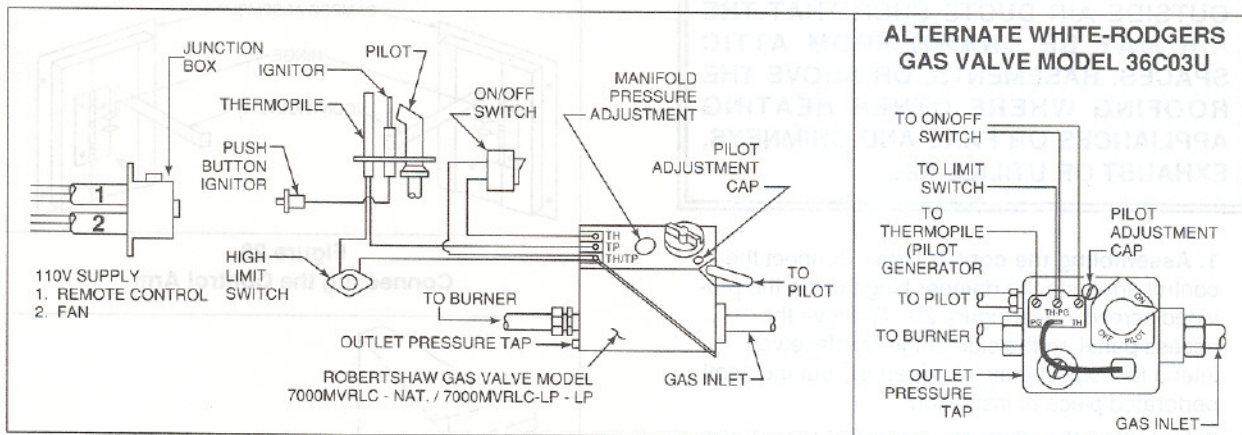
**1. Remote Wall Switch.** Position the junction box (not provided) in the desired place on the wall. Wiring located for the the wall switch will be found protruding from the left side of the fireplace. Run the wire to the junction box, connect to the provided wall switch and mount the wall switch inside the junction box. A wiring diagram is shown in Figure 18.

### 2. Optional Accessories Requirements.

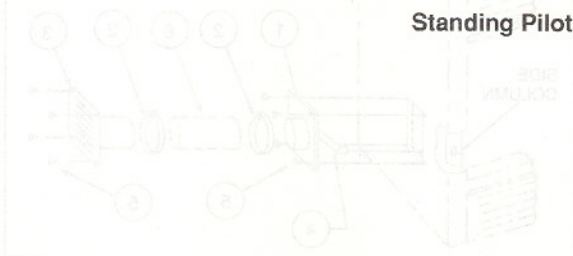
Optional accessories may be added now or at a later date, however, wiring should be done now to avoid significant wall reconstruction later if accessories are added. The optional fan kit (FK10) requires a 110V power supply to the appliance junction box for operation. No additional power supplies are required for the fan motor speed control (BC10). The remote control (RC4) requires a separate 110V power supply directly to the appliance junction box, as shown in Figure 18, #2. Wiring diagrams are provided with all accessories.

**Note:** This appliance **DOES NOT** require a 110V power supply for operation. Connecting the wall switch to a 110V power supply will cause the unit to malfunction and destroy the valve and thermopile.

**Note:** This appliance must be electrically wired and grounded in accordance with local codes or, in the absence of local codes, with National Electric Code ANSI/NFPA 70-latest edition. This appliance is not intended for use with a thermostat. The addition of a thermostat will void the warranty and may create a fire hazard.



**Figure 18**  
**Standing Pilot Ignition Wiring Diagram**



Item	Description	Qty.
1	Damper Assembly	1
2	Clamp Band	2
3	Tube Assembly	1
4	Control Arm	1
5	Fastener Package	2
6	Flexible Connector	1

WARNING: SEVERE BURNING OR FIRE CAN BE CAUSED BY THE USE OF THIS KIT. READ THE INSTRUCTIONS CAREFULLY. THIS KIT IS NOT TO BE USED IN ANY OTHER MANNER THAN THAT SPECIFIED IN THE INSTRUCTIONS. THE KIT IS NOT TO BE USED IN ANY OTHER MANNER THAN THAT SPECIFIED IN THE INSTRUCTIONS. THE KIT IS NOT TO BE USED IN ANY OTHER MANNER THAN THAT SPECIFIED IN THE INSTRUCTIONS.





### STEP 8 - Installing the Outside Air Kit (Optional)

Many possible locations on either side of the firebox are available for your outside air inlet. Figure 19 demonstrates two possible locations. A 1 foot minimum height difference must be maintained from the top of the uppermost chimney to the outside combustion air inlet (see Figure 19). Be sure to check chimney height requirements for the fireplace before attempting any basement location. The air inlet should be of sufficient height to prevent snow or other materials from blocking it. Ducting must be ordered separately.

#### WARNING

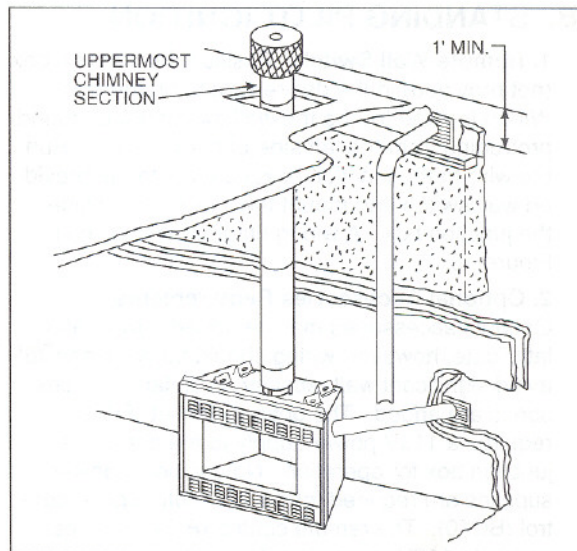
**WHEN LOCATING THE FIREPLACE IN A SPACE PROJECTING INTO A GARAGE, THE OUTSIDE AIR MUST NOT BE TAKEN FROM THE GARAGE SPACE. EXHAUST PRODUCTS OF GASOLINE ENGINES ARE HAZARDOUS. DO NOT INSTALL OUTSIDE AIR DUCTS SUCH THAT THE AIR MAY BE DRAWN FROM ATTIC SPACES, BASEMENTS, OR ABOVE THE ROOFING WHERE OTHER HEATING APPLIANCES OR FANS AND CHIMNEYS, EXHAUST OR UTILIZE AIR.**

**1. Assembling the control arm.** Connect the control arm onto the damper hinge using the provided screws. See Figure 20. Remove the access panel on the side of the fireplace you intend to install the air kit. Then pry out the semi-perforated piece of insulation.

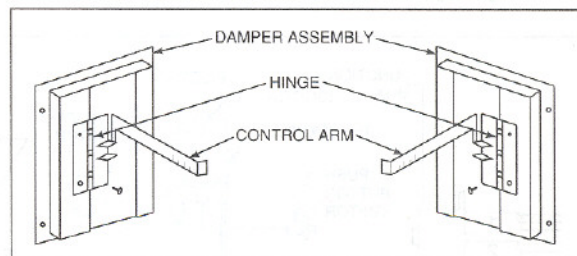
**2. Installing the damper.** Insert the control arm through the rectangular opening in the side of the fireplace. The notches on the control arm should be placed downward. **The hinge on the damper should face toward the front of the fireplace.** If the hinge and the control arm are not positioned in this manner, the damper will not function correctly. Figure 21 demonstrates the correct order in which the air kit assembly should take place.

#### WARNING

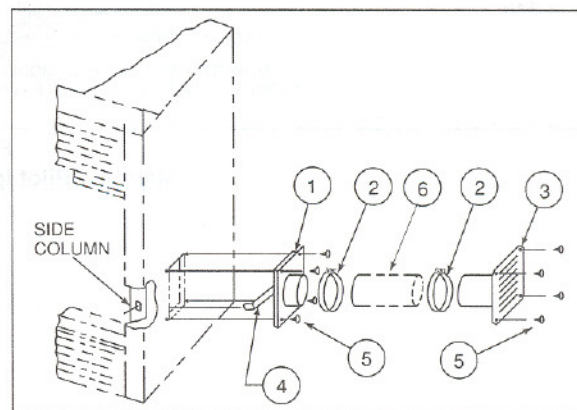
**SIGNIFICANT COLD AIR MAY INFILTRATE THROUGH THE DUCT OR OTHER PARTS OF THIS SYSTEM. TO GUARD AGAINST THIS, CHECK FOR LIGHT LEAKS WITH A FLASHLIGHT AND SEAL THESE WITH DUCT TAPE AND/OR INSULATION.**



**Figure 19**  
**Outside Air Kit Installation**



**Figure 20**  
**Connecting the Control Arm**



**Figure 21**  
**Installing the Outside Air Kit**

Item	Description	Qty.
1	Damper Assembly	1
2	Clamp Band	2
3	Tube Assembly	1
4	Control Arm	1
5	Fastener Package	1
6	Flexible Connector	1



Attach the damper assembly to the fireplace using the screws provided in the fastener package.

Check the operation of the air kit damper by pulling the control arm out to a fully open position, catching the last notch of the control arm to lock it in place. Push the control arm inward to fully close the damper. Intermediate notches in the control arm can be used to adjust incoming air.

**3. Cutting the exterior hole.** Mark and cut out a 4" diameter hole in the exterior wall for air entry. This hole should allow framing (minimum of 2 sides) so the 4" tube assembly may be nailed into position, flush with the exterior wall of the building.

**6. Attaching the flexible duct.** Assemble the flexible duct between the damper assembly and the tube assembly. Secure it into position with the provided clamp bands and screws.

#### STEP 9 - Finishing

When finishing the face of the appliance, combustible material may be brought up to the sides of the appliance, but must never overlap onto the black metal. The black metal may be covered with non-combustible material only.

**NOTE:** You cannot cover any of the grilles on this appliance, as this may create a fire hazard. See Figure 22 for grille locations.

After applying the finishing material, a non-combustible sealant, one-half inch wide maximum, must be used to close off any gaps at the top and sides between the fireplace and finishing to prevent cold air leaks. See Figure 22.

A combustible mantel may be installed at a minimum of 42 inches above the base of the appliance.

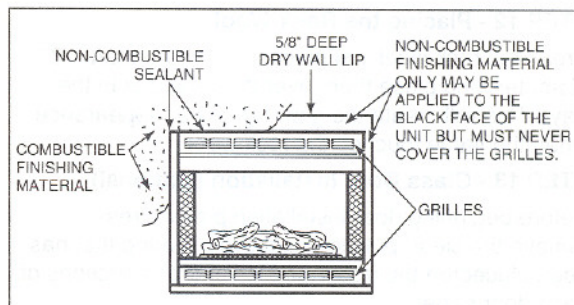
#### STEP 10 - Positioning the Logs

Place the medium-sized log in the back log brackets as shown in Figure 23. Place the larger log in front. The front log is shaped to cover the burner tube. For this reason, it has an extra piece which protrudes from one end of the log. Be sure this piece is positioned to the left side of the firebox. See Figure 24.

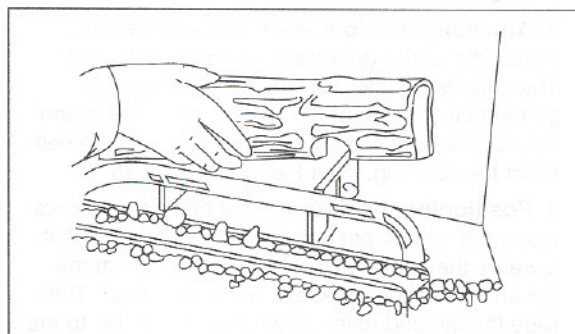
Lay the two smaller logs across the larger logs, as shown in Figure 25, making sure they are positioned on the pins which protrude from the larger logs.

#### STEP 11 - Placing the Lava Rock

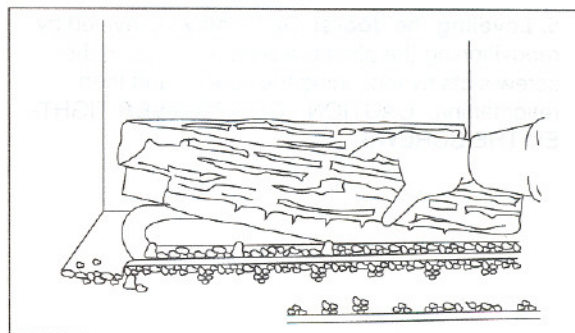
Spread the lava rock in the tray just in front of the logs, covering the front burner tube. Depending on your taste, additional lava rock may be placed on the floor of the burn chamber around the tray.



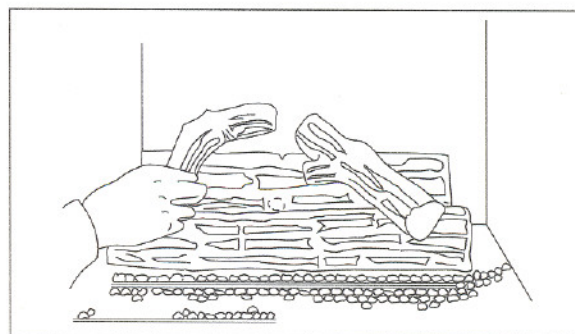
**Figure 22**  
Finishing Materials



**Figure 23**  
Positioning the Logs



**Figure 24**  
Positioning the Logs



**Figure 25**  
Positioning the Logs





### STEP 12 - Placing the Rock Wool

Break the rock wool into pieces, no bigger than 1/2" diameter, and place them over the lava rock in the tray. This will create the glowing ember appearance when the flame touches the rock wool.

### STEP 13 - Glass Door Installation (Optional)

Before beginning door installation procedures, remove the clear, plastic protective covering that has been placed on the upper and lower brass sections of each door panel.

**1. Attaching the pivot brackets.** Attach the bottom pivot brackets to the lower lip of the fireplace as shown in Figures 26 and 27.

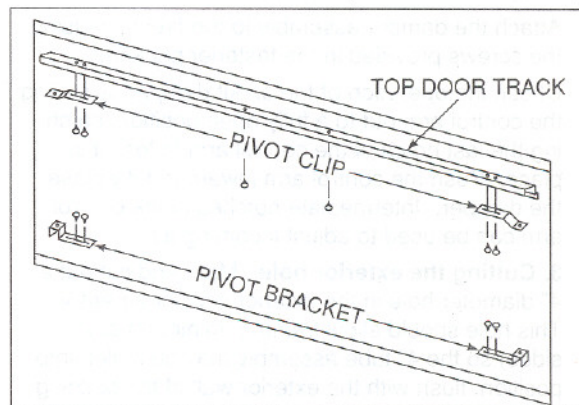
**2. Attaching the door track and pivot clips.**

Attach the upper door track using the pivot clips. The taller leg of the door track should be positioned to the inside of the fireplace and the round hole of the pivot clip should be away from the center of the opening. See Figures 26 and 28.

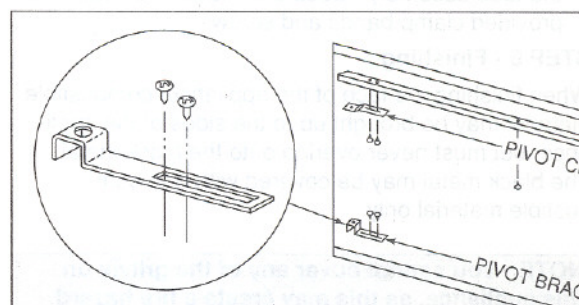
**4. Positioning the doors.** Fold one pair of doors. Insert the bottom pin into the pivot bracket. Tilt it towards the center of the fireplace such that the pin and roller clear the top door track edge. Then slide the pin and roller, in the top door track, to the side until the outer pin snaps into the hole in the pivot clip. See Figure 29.

Install the second door in the same manner.

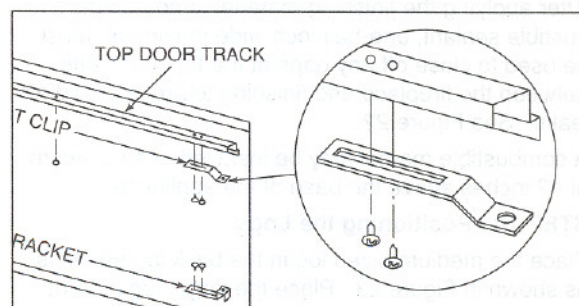
**5. Leveling the doors.** Doors may be leveled by repositioning the pivot brackets and clips in the screw slots by loosening the screws and then retightening. **CAUTION - DO NOT OVER TIGHTEN THE SCREWS.**



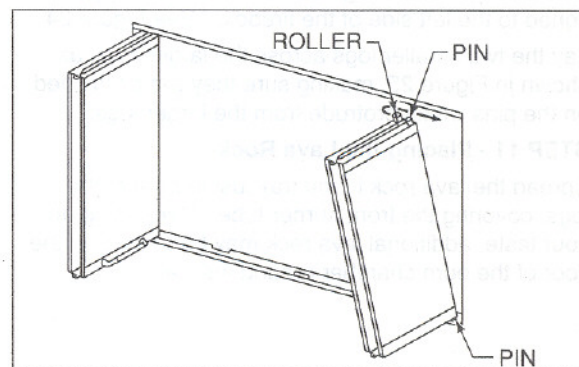
**Figure 26**  
Positioning the Pivot Clips and Brackets



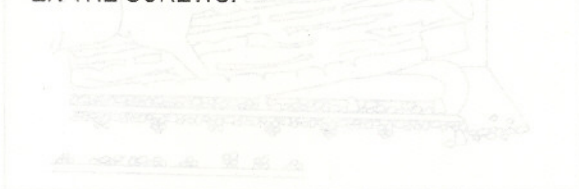
**Figure 27**  
Closeup of Pivot Bracket



**Figure 28**  
Closeup of Pivot Clip



**Figure 29**  
Installing the Glass Doors



**Figure 24**  
Positioning the Logs



**Figure 25**  
Positioning the Logs





## VI. OPERATING INSTRUCTIONS

**TO THE CONSUMER:** To determine whether your appliance is an electronic ignition or a standing pilot ignition, remove the lower grille panel (Step 1 on page 18) to examine the wiring system. If your system has a red push button (as shown in Figure 30 below), you own a standing pilot ignition fireplace. If no red button is present, you own an electronic ignition appliance.

You may also check the rating label located on the inside of the lower grille panel to determine ignition type.

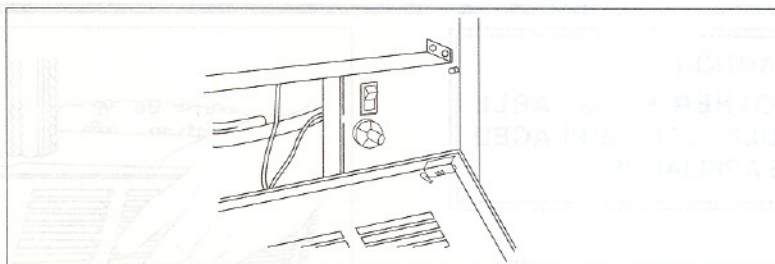


Figure 30  
Standing Pilot Ignition

### FOR YOUR SAFETY READ BEFORE LIGHTING

#### WARNING

**IF YOU DO NOT FOLLOW THESE INSTRUCTIONS EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.**

#### STANDING PILOT (GC136, GC136L)

- A. This appliance (standing pilot version) has a pilot which must be lighted by hand. When lighting the pilot, follow these instructions exactly.
- B. **BEFORE LIGHTING** smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

#### WHAT TO DO IF YOU SMELL GAS

- Do not try to light any appliance.
  - Do not touch any electric switch; do not use any phone in your building.
  - Immediately call your gas supplier from a neighbor's phone. Follow the supplier's instructions.
  - If you cannot reach your gas supplier, call the fire department.
- C. Use only your hand to push in or turn knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it; call a qualified service technician. Forced or attempted repair may result in a fire or explosion.
  - D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

#### ELECTRONIC IGNITION (GC136E, GC136LE)

- A. This appliance (electronic ignition version) does not have a pilot. It is equipped with an ignition device which automatically lights the burner. Do not try to light the burner by hand.
- B. **BEFORE OPERATING** smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

#### WHAT TO DO IF YOU SMELL GAS

- Do not try to light any appliance.
  - Do not touch any electric switch; do not use any phone in your building.
  - Immediately call your gas supplier from a neighbor's phone.
  - If you cannot reach your gas supplier, call the fire department.
- C. Use only your hand to push in and move the gas control lever. Never use tools. If the lever will not push in or move by hand, do not try to repair it; call a qualified service technician. Force or attempted repair may result in a fire or explosion.
  - D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.





**WARNING**

**CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURES AND SHOULD STAY AWAY TO AVOID BURNS OR CLOTHING IGNITION. YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE SAME ROOM AS THE APPLIANCE.**

**CAUTION**

**CLOTHING OR OTHER FLAMMABLE MATERIAL SHOULD NOT BE PLACED ON OR NEAR THE APPLIANCE.**

Before operating this appliance, please review the safety precautions given on page 2 as well as the items listed below:

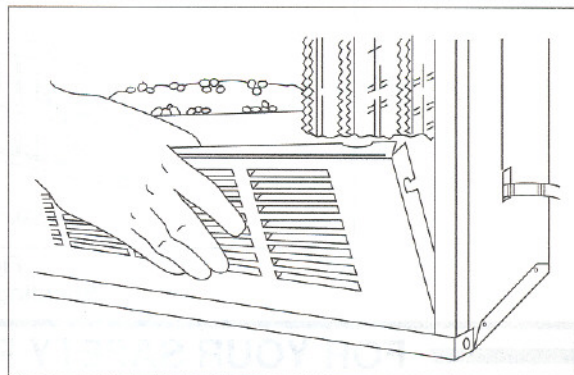
1. Check to make sure the logs, rock wool and lava rock have all been placed correctly. (Refer to Steps 10, 11, and 12 on pages 15 and 16).
2. Check to see that all wiring is correct and enclosed to prevent possible shock. This is done by removing the lower grille (follow Step 1 below) to access the control area.
3. Check to ensure there are no gas leaks. This may be done with a soap and water solution.
4. Verify that all venting and caps are unobstructed.
5. Read and understand these instructions thoroughly before attempting to operate this appliance.

**STEP 1- Lower Grille Panel Removal**

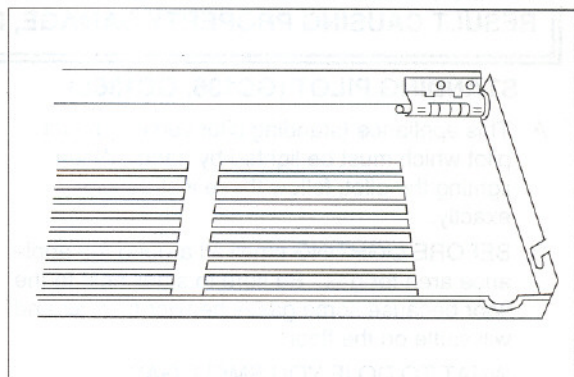
To remove the lower grille, gently lift upward and tug on the outside top edges of the grille as shown in Figure 31. The top of the grille will rotate downward.

Two spring hinges secure the lower portion of the grille into place. See Figure 32. Simply pull the hinges toward the center of the grille and then pull out the entire grille (Figure 33). To replace the grille, reverse this action.

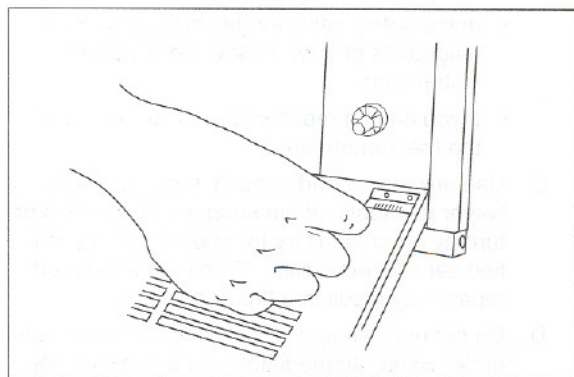
If you own an electronic ignition appliance, at this point skip section A on the following page and continue with section B on page 20.



**Figure 31  
Lower Grille Panel Removal**



**Figure 32  
Lower Grille Panel Removal**



**Figure 33  
Lower Grille Panel Removal**





## A. STANDING PILOT OPERATION

### 1. Initial and Seasonal Lighting Procedure.

Initial lighting constitutes the first time the appliance has been lit after installation. Seasonal lighting refers to lighting the appliance after it has been unused and the gas valve has been turned to OFF.

Be sure the remote wall switch and the gas knob (located inside the lower grill) have been turned to the OFF position. See Figure 34. If they are not, do so and allow the appliance to sit for five minutes so any gas that may have accumulated in the main burner compartment escapes.

Turn the gas knob to PILOT, as shown in Figure 35, and press in. While holding it in, light the pilot by pressing the red ignitor button, shown in Figure 36, several times until the pilot ignites. Continue to hold in the gas knob for about one minute after the pilot is lit. Release the gas knob. The pilot should remain lit. If it goes out, turn everything to the OFF position, let it sit for five minutes and repeat this step again.

When the pilot remains lit, turn the gas knob to the ON position. See Figure 37. You may now turn the remote wall switch to the ON position which will turn on the main burner. Watch your appliance display beautiful, dancing flames. Initially, the flames may resemble more of a blue color but after the first 20 minutes of operation, they will become more yellow.

**2. Seasonal Shutdown.** When the burning season comes to an end, the entire system should be shut down. This way, no gas will be running to the appliance while it is not in use.

To shut down the appliance for a long period of time, you must first shut off the main burner by moving the remote wall switch to the OFF position. Next step, remove the lower grille panel to expose the wiring system. (Follow Step 1 on page 18.) Locate the gas knob and turn it to the PILOT position. Press in and continue turning to the OFF position. Your entire system is now shut down.

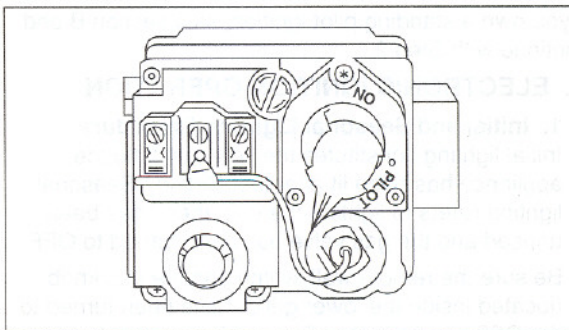
### 3. Lighting Procedure During Regular Use.

Simply turn the wall switch to the ON position. This will ignite the main burner.

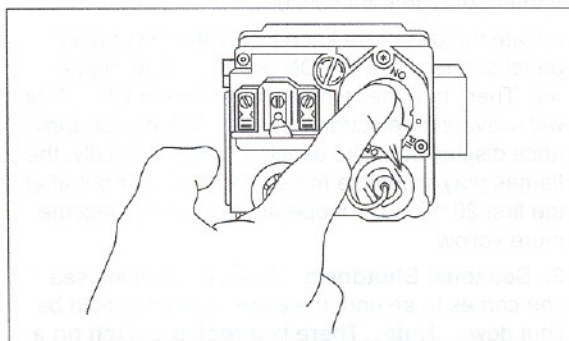
**4. Shutdown During Regular Use.** Simply turn the remote wall switch to OFF. This will disengage the burner and the flames will extinguish. The pilot light will continue to burn.

When first operated, this unit may release an odor for the first several hours. This is caused by the curing of the paint and the burning off of any oils remaining from manufacturing.

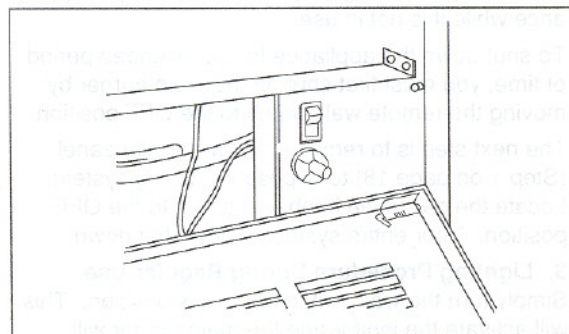
**Note:** Keep the area near the appliance clear and free from combustible materials, gasoline and other flammable vapors and liquids.



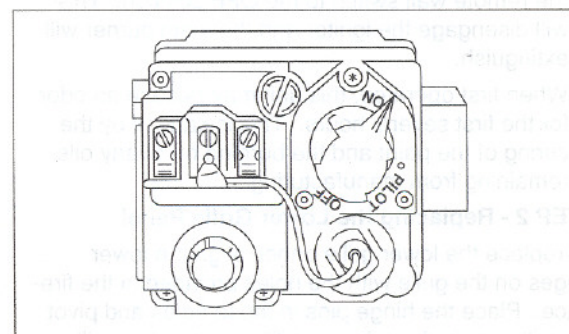
**Figure 34**  
Standing Pilot Ignition Valve "OFF"



**Figure 35**  
Standing Pilot Ignition Valve to "PILOT"



**Figure 36**  
Red Ignitor Button



**Figure 37**  
Standing Pilot Ignition to "ON"





If you own a standing pilot ignition, skip section B and continue with Step 2.

## B. ELECTRONIC IGNITION OPERATION

### 1. Initial and Seasonal Lighting Procedure.

Initial lighting constitutes the very first time the appliance has been lit after installation. Seasonal lighting refers to lighting the unit after it has been unused and the gas valve has been turned to OFF.

Be sure the remote wall switch and the gas knob (located inside the lower grille) have been turned to the OFF position. See Figure 38. If it is not, do so and allow the appliance to sit for five minutes so any gas that may have accumulated in the main burner compartment escapes.

Locate the gas valve knob inside the lower grille panel and turn it to the ON position. See Figure 39. Then, turn the remote wall switch to ON. This will activate an electronic spark. Watch your appliance display beautiful dancing flames. Initially, the flames may resemble more of a blue color but after the first 20 minutes of operation, they will become more yellow.

**2. Seasonal Shutdown.** When the burning season comes to an end, the entire system should be shut down. **Note: There is a rocker switch on a column in the control area, as well as a wall switch. Both have to be off for the unit to be off.** In this way, no gas will be running to the appliance while it is not in use.

To shut down the appliance for an extended period of time, you must first shut off the main burner by moving the remote wall switch to the OFF position.

The next step is to remove the lower grille panel (Step 1 on page 18) to expose the wiring system. Locate the gas valve knob and turn it to the OFF position. Your entire system is now shut down.

### 3. Lighting Procedure During Regular Use.

Simply turn the wall switch to the ON position. This will activate the ignitor and the main burner will light.

**4. Shutdown During Regular Use.** Simply turn the remote wall switch to the OFF position. This will disengage the ignitor and the main burner will extinguish.

When first operated, this unit may release an odor for the first several hours. This is caused by the curing of the paint and the burning off of any oils remaining from manufacturing.

## STEP 2 - Replacing the Lower Grille Panel

To replace the lower grille panel, align the lower hinges on the grille with the holes provided in the fireplace. Place the hinge pins in those holes and pivot the grille upward as shown in Figure 40. The grille should connect smoothly back into place.

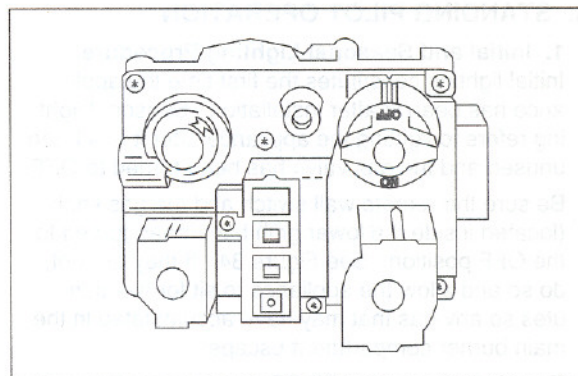


Figure 38  
Electronic Ignition Valve to "OFF"

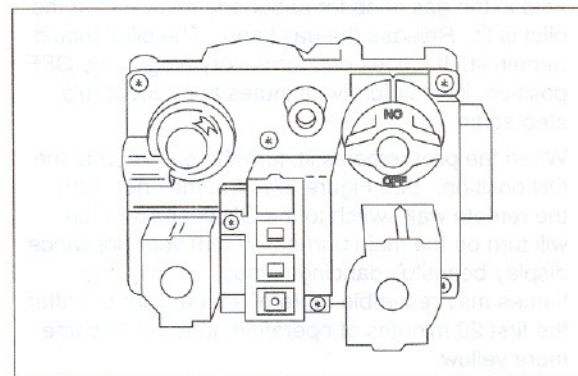


Figure 39  
Electronic Ignition Valve to "ON"

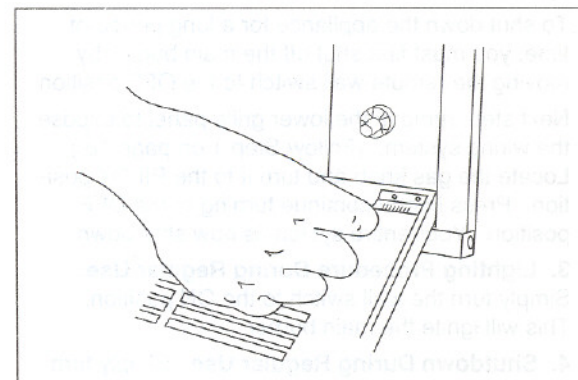


Figure 40  
Lower Grille Panel Replacement

**NOTE:** Keep the area near the appliance clear and free from combustible materials, gasoline and other flammable vapors and liquids.





## VII. MAINTENANCE INSTRUCTIONS

### Cleaning the burner and control compartment

Keep the burner and control compartment clean by brushing and vacuuming at least once a year. Always turn off the gas valve and the remote wall switch before cleaning.

### Checking flame patterns

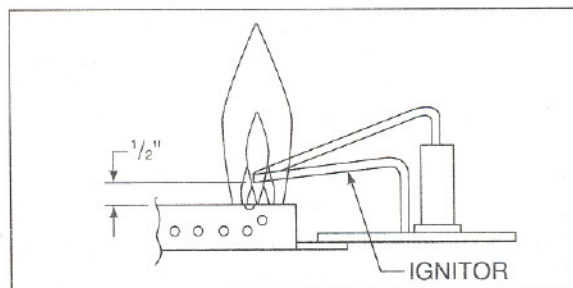
Visually check the flame of the burner periodically, making sure the flames are steady; not lifting or floating. The flame color should be blue with yellow tips. The ignitor (electronic) or thermopile (standing pilot) tips should be covered with flame. See Figures 41 through 44.

### Venting system inspection

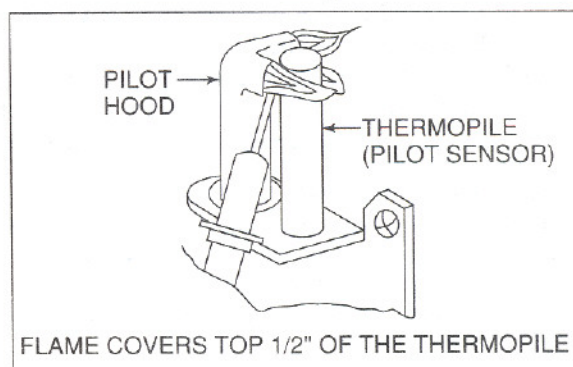
The appliance and venting system should be inspected before use, and at least annually, by a qualified field service person, to ensure that the flow of combustion and ventilation air is not obstructed.

### Log cleaning

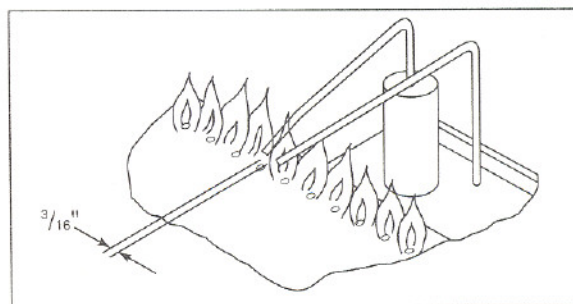
Logs can be easily lifted out of position. Carbon build-up can be removed with a vacuum cleaner.



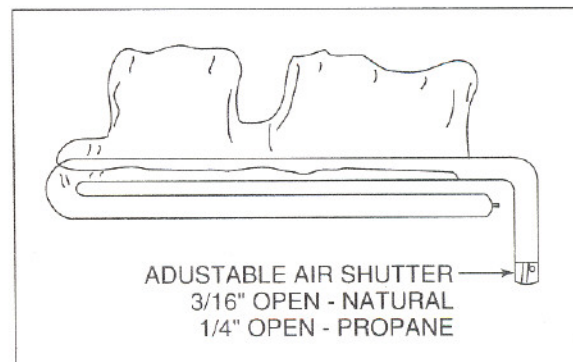
**Figure 41**  
**Electronic Ignition**



**Figure 42**  
**Standing Pilot**



**Figure 43**  
**Electronic Ignition**



**Figure 44**  
**Both Ignitions**





### Proper Operation of Optional Glass Doors

If you have decided to install optional doors on your GC136 fireplace, please note the correct way to operate them. While operating your fireplace, you should either have the doors completely open or completely closed but never partially open. See Figure 45.

#### WARNING

**FIREPLACES EQUIPPED WITH DOORS SHOULD BE OPERATED ONLY WITH DOORS FULLY OPEN OR DOORS FULLY CLOSED. IF DOORS ARE LEFT PARTIALLY OPEN, GAS AND FLAME MAY BE DRAWN OUT OF THE FIREPLACE OPENING, CREATING RISKS OF BOTH FIRE AND SPILLAGE.**

### High Limit Safety Switch

A limit switch has been installed on the GC136. This switch automatically turns off the unit if the unit becomes too hot. If this happens, do not attempt to operate the unit until it has been examined by a qualified service technician.

The reset switch for the high limit safety switch is located behind the upper grille panel on the right hand side, behind the decorative screen. See Figure 46.

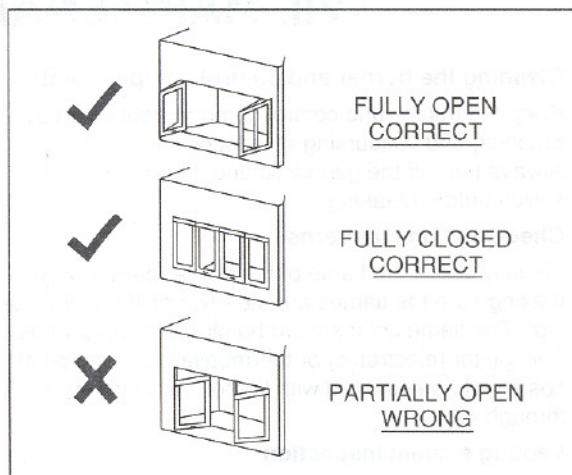


Figure 45  
Correct Operation of Doors

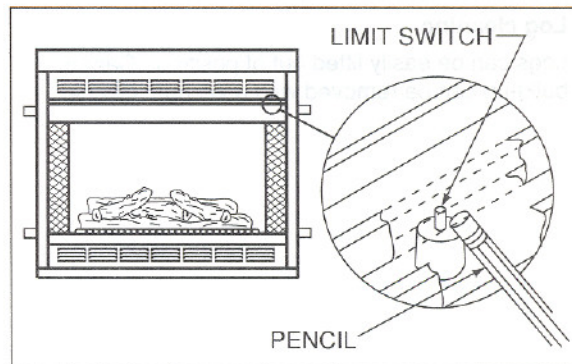


Figure 46  
Limit Switch Location



Figure 43  
Electronic Ignition



Figure 44  
Both Ignitions





## VIII. TROUBLE SHOOTING

### ELECTRONIC IGNITION (GC136E, GC136LE)

Problem	Cause	Corrective Action
1. Spark ignitor will not light burner after repeated attempts.	A. Defective ignitor; loose wire.	Check for loose connections on electrode and ignitor. Refer to the wiring diagram on page 12 for assistance.  Check for spark. If electrode connection is correct and there is no spark, replace ignitor.
	B. Misaligned electrode at pilot.	Spark should be extending approx. 3/16" to ground wire. See Figure 44. Adjust gap to give proper spark. Remove hands from electrode before attempting.
2. Burner will not stay lit.	A. Defective flame sensor.	Check burner flame. See Figure 42. Adjust sensor if necessary.  Be sure sensor is secured tight into bracket and bracket is secured tightly to the unit.  Be sure wiring connections are tight throughout system, including high limit switch.
	B. No ground.	Check that wiring is grounded as shown in Figure 18.
3. With valve and wall switch in "ON" position, no gas to burner.	A. Gas valve(s) shut off.	Check all gas valves leading to appliance. Turn to the "ON" position. Check wall switch for proper connections. Check for 24 volt power off secondary on the transformer.
	B. Plugged burner orifice.	Check burner orifice; remove blockage.
	C. Wall switch defective.	Check power source (fuses).
4. Glass doors fog up.	A. A normal result of gas combustion.	No action is necessary. After the fireplace has warmed up, the glass will clear.
5. Blue flames.	A. A normal result during the first 20 minutes of burning.	No action is necessary. Flames will begin to turn more yellowish after about 20 minutes of burning. If blue flames persist, check air shutter setting and check log and embers are positioned correctly.
	B. Improper air mixture.	Check air shutter setting.
6. Appliance turns itself off after a period of time.	A. High limit safety switch is activated.	Have a qualified service technician check venting system for blockage, e.g., bird nests, damage. Ensure proper venting condition and reset limit switch located behind the upper grill panel on the right hand side. To reset limit switch, insert a long, narrow object such as a pencil through the hole provided, and press in the button on the back of the limit switch. (Refer to Figure 43 on page 22.)





**STANDING PILOT (GC136, GC136L)**

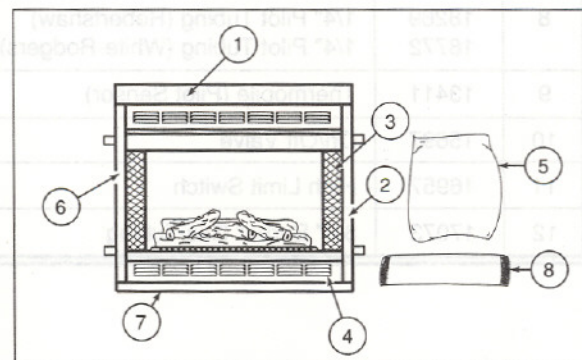
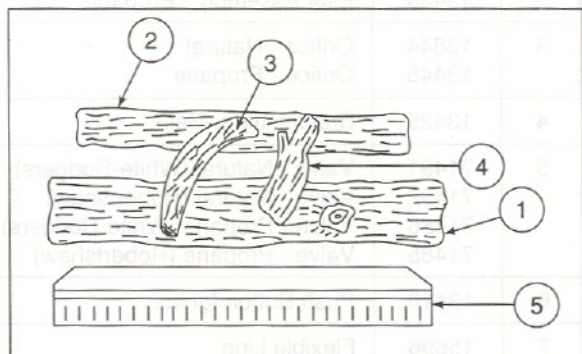
Problem	Cause	Corrective Action
1. Burner will not ignite.	A. 110 volts of electrical current has burned out the valve.	Remove voltage and replace valve and thermopile.
2. Spark ignitor will not light the pilot after repeated pressing of red button.	A. Defective ignitor.	Check for loose connections on electrode and ignitor.  Check for spark. If electrode connection is correct and no spark, replace ignitor.
	B. Misaligned electrode.	Spark should be extending approx. 1/8" to the bottom of the pilot hood. Adjust gap to give proper spark. Remove hands from electrode before pressing red button.
	C. No gas.	Check valve knob position and any shut-off valves — if propane, check for an empty tank.
3. Pilot light will not stay lit.	A. Defective pilot thermopile.	Check pilot flame. See Figure 44. Adjust flame if necessary.  Be sure thermopile is secured tight into pilot bracket.  Be sure wiring connections are tight throughout system, including high limit switch.
		Check thermopile voltage with millivolt meter. Depress valve knob and light pilot. Meter should read min. of 325 millivolt. If not, replace the thermopile.
4. With pilot lit, valve and on/off switch in "On" position, no gas to burner.	A. On/off switch defective.	Check on/off switch for proper connections. Connect wires across terminal at on/off switch. If burner comes on, replace on/off switch. If burner does not come on, connect to on/off switch junctions at valve. If burner comes on, replace wires.
	B. Plugged burner orifice.	Check burner orifice; remove blockage.
5. Appliance turns itself off after a period of time.	A. High limit safety switch is activated.	Have a qualified service technician check venting system for blockage, e.g., bird nests, damage. Ensure proper venting condition and reset limit switch located on draft hood. To reset limit switch, insert a long narrow object such as a pencil through the hole provided, and press in the button on the back of the limit switch.
6. Glass doors fog up.	A. A normal result of gas combustion.	No action is necessary. After the appliance has warmed up, the glass will clear.
7. Blue flames.	A. A normal result during the first 20 minutes of burning.	No action is necessary. Flames will begin to turn more yellowish after about 20 minutes of burning. (Refer to Figure 43 on page 22.)
	B. Improper air mixture.	Check air shutter setting.





## IX. REPLACEMENT PARTS

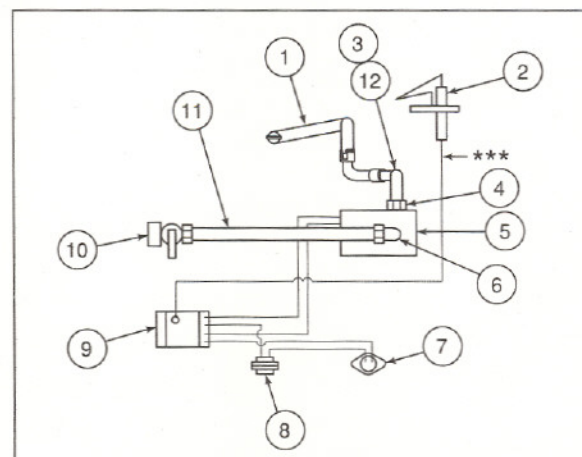
Replacement parts are available from your distributor/dealer, or through Heatilator Inc., 1915 W. Saunders Street, Mt. Pleasant, Iowa 52641.



ITEM	PART NO.	DESCRIPTION
1	15693	Front Log
2	15691	Back Log
3	17229	Top Left Log
4	18781	Top Right Log
5	18697	Ember Tray

ITEM	PART NO.	DESCRIPTION
1	14027	Top Front
2	16305	Right Column
3	16141	Screen
4	16633	Lower Grille
5	14336	Lava Rock
6	16305	Left Column
7	16632	Lower Face
8	14333	Rock Wool
9	19193	Upper Grille

### ELECTRONIC IGNITION - GC136E, GC136LE



ITEM	PART NO.	DESCRIPTION
1	18072	Burner Assembly
2	15689	Ignitor
3	13844 13445	Orifice - Natural Orifice - Propane
4	13425	Brass Fitting, Male
5#*	71515 71516 71517 71518	Valve - Natural (White-Rodgers) Valve - Natural (Robertshaw) Valve - Propane (White-Rodgers) Valve - Propane (Robertshaw)
6	15821	90° Elbow - Brass
7	16957	High Limit Switch
8	13887	Transformer
9*	15695	Ignition Control
10	15697	On/Off Valve
11	15696	Flexible Line
12	18262	3/8" Burner Tubing

\* Ignition control identification must be made. They are marked Channel Products or Fenwal.

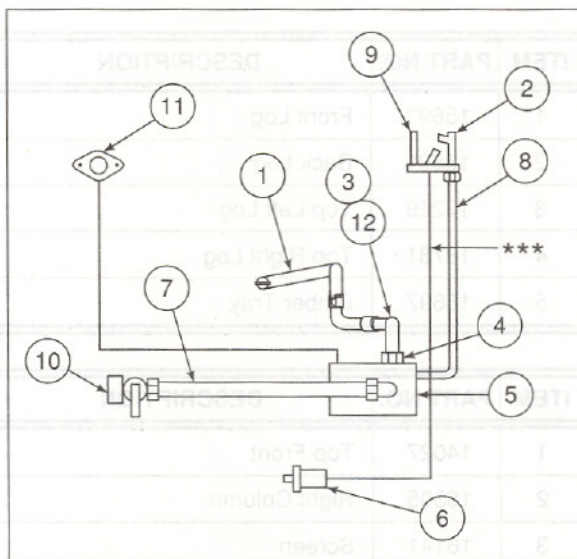
#\* Valve identification must be made. They are marked "White-Rodgers" or "Robertshaw".

\*\*\* If any of the original wiring as supplied with the appliance must be replaced, it must be replaced with Type 18 ga., 105C wire, or its equivalent.





STANDING PILOT - GC136, GC136L



ITEM	PART NO.	DESCRIPTION
1	18202	Burner Assembly
2	13406 13444	Pilot Assembly - Natural Pilot Assembly - Propane
3	13844 13445	Orifice - Natural Orifice - Propane
4	13425	Brass Fitting, Male
5	71491 71492 71486 71485	Valve - Natural (White-Rodgers) Valve - Natural (Robertshaw) Valve - Propane (White-Rodgers) Valve - Propane (Robertshaw)
6	13416	Push Button Ignitor
7	15696	Flexible Line
8	18269 18772	1/4" Pilot Tubing (Robertshaw) 1/4" Pilot Tubing (White-Rodgers)
9	13411	Thermopile (Pilot Sensor)
10	15697	On/Off Valve
11	16957	High Limit Switch
12	17073	3/8" Burner Gas Tubing

\*\*\* If any of the original wiring as supplied with the appliance must be replaced, it must be replaced with Type 18 ga., 105C wire, or its equivalent.

ITEM	PART NO.	DESCRIPTION
1	18202	Burner Assembly
2	13406 13444	Pilot Assembly - Natural Pilot Assembly - Propane
3	13844 13445	Orifice - Natural Orifice - Propane
4	13425	Brass Fitting, Male
5	71491 71492 71486 71485	Valve - Natural (White-Rodgers) Valve - Natural (Robertshaw) Valve - Propane (White-Rodgers) Valve - Propane (Robertshaw)
6	13416	Push Button Ignitor
7	15696	Flexible Line
8	18269 18772	1/4" Pilot Tubing (Robertshaw) 1/4" Pilot Tubing (White-Rodgers)
9	13411	Thermopile (Pilot Sensor)
10	15697	On/Off Valve
11	16957	High Limit Switch
12	17073	3/8" Burner Gas Tubing





Attention

APPLIANCE  
INSTALLER

Please return these  
Operating & Installation  
Instructions to the  
Appliance  
for Consumer Use

**heatilator**  
*The first name in fireplaces*

Heatilator Inc.  
1075 W. Saunders Street  
Mt. Pleasant, IA 52641  
a HOBAS INDUSTRIES company  
1-800-357-1144 FAX 319-357-0225





# **Attention**

## **APPLIANCE INSTALLER**

***Please return these  
Operating & Installation  
Instructions to the  
Appliance  
for Consumer Use***

**heatilator®**  
*The first name in fireplaces*

Heatilator Inc.  
1915 W. Saunders Street  
Mt. Pleasant, IA 52641  
a HON INDUSTRIES company  
319/385-9211 FAX 319/385-9225