



Heatilator
1915 W. Saunders Street
Mt. Pleasant, IA 52641
A Division of Hearth Technologies Inc.

G141 SERIES B-VENT GAS APPLIANCE OWNER'S MANUAL AND INSTALLATION INSTRUCTIONS MODELS G141, G141L, G141E, G141LE



WARNING: If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- 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.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

CAUTION:

Do not expose the fireplace to the elements (such as rain, etc.)

This manual must be used for installation of the G141 Series Gas Appliance and retained by the homeowner for operation and maintenance instructions.

WARNING!

Installation and service must be performed by a qualified installer, service agency or the gas supplier. 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.

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Safety Precautions

1. Please read these installation instructions completely before beginning installation procedures. Failure to follow them could cause a malfunction resulting in serious injury and/or property damage.
2. Always check your local building codes prior to installation. The 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 and burners of the appliance be kept clean.
4. The G141 is a vented gas fireplace. 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 appliance must be vented with a minimum 5" B-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. Use only the fuel gas specified on the rating label of this gas appliance.
8. The appliance area shall be kept clear and free from combustible materials, gasoline and other flammable vapors and liquids.
9. While servicing this appliance, always shut off all electricity and gas to the fireplace. This will prevent possible electrical shock or burns. Also, make sure the fireplace is completely cooled before servicing.
10. The appliance and its individual shut-off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psi (3.5 kPa).
11. 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.
12. Be sure to provide adequate clearances around the air openings into the combustion chamber and adequate accessibility clearances for servicing and proper operation.
13. Provisions shall be made to provide adequate combustion and ventilation air. The flow of combustion and ventilation air should not be obstructed.

A. PREPARATION

1. CERTIFICATION.

The G141 Series Gas Fireplace has been tested in accordance with the standard ANSI Z21.50-1998-CGA 2.22-M98. The G141 has been certified by Underwriters Laboratories Inc. for installation and operation as described in these Installation Instructions. All components are AGA or UL safety certified.

2. LOCAL CODES.

Check with your local building code agency prior to installing this appliance to ensure compliance with local codes, including the need for permits and follow-up inspections. This appliance must conform with local codes, or in the absence of local codes, comply with the National Fuel Gas Code, ANSI Z223.1-latest edition in the U.S.; in Canada, the CANI-B149-latest edition.

3. OPTIONAL COMPONENTS.

This gas appliance has been tested and listed for use with the optional components listed below. Many optional components may be purchased separately and installed at a later date. However, installation of a remote control will require electrical power. To avoid costly reconstruction, a separate

course of electrical power should be supplied to the fireplace at the time of initial installation of the system for possible addition of these accessories at a later date.

4. FUEL.

Any additions, changes or conversions required in order for the appliance to satisfactorily meet the application needs, must be made by a qualified service technician using factory specified and approved parts.

This product is manufactured to use natural gas or propane gas, depending on model purchased. A natural gas fireplace can be converted to use propane gas later, but only if done by a qualified service technician and only if the CKP Natural Gas to Propane Gas Conversion Kit is used. In the event your appliance must be converted to natural gas from propane, you must use a CKN Propane Gas to Natural Gas Conversion Kit.

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

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The G141 Series is a vented gas fireplace. While a significant amount of heat is created by the G141, it is not intended to be and, therefore, should not be used as a heater.

The G141 B-Vent Gas Appliance must consist of the following:

1. Fireplace
2. B-Vent System
3. Termination

Optional components include:

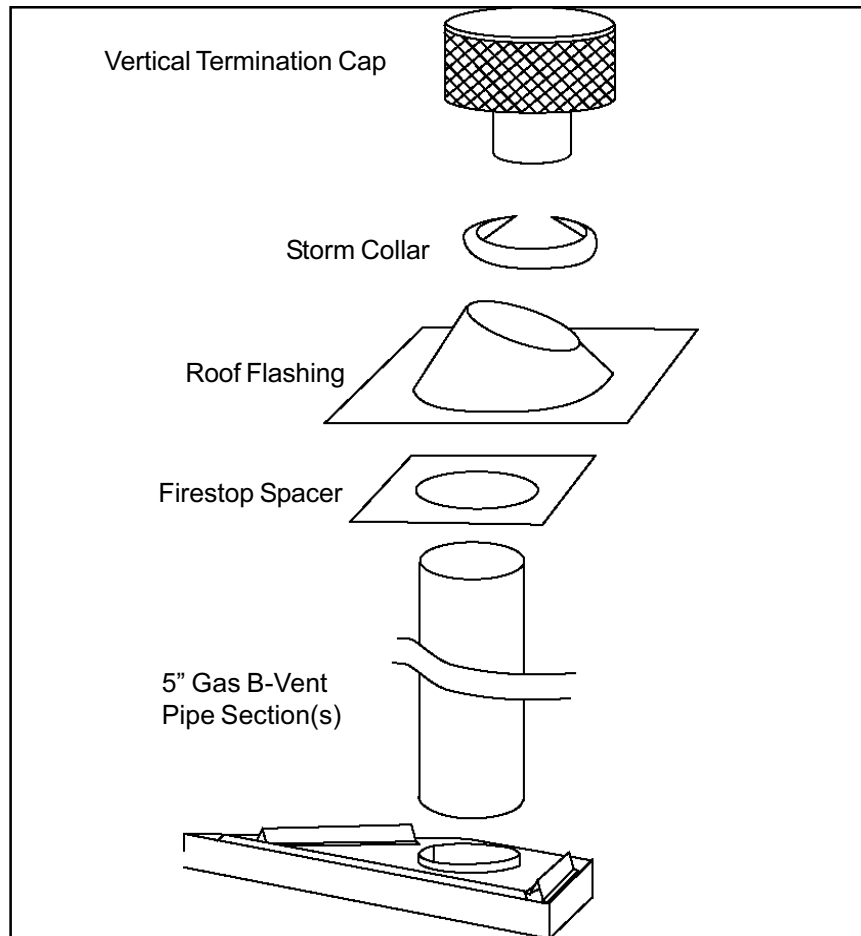
1. Remote Control
2. Outside Air Kit
3. Glass Doors
4. Refractory Upgrade
5. Quick Tile Trim
6. ID4
7. UD4

Tools and building supplies normally required for installation:

Saw	Wall-finishing materials
Pliers	Framing material
Hammer	Fireplace surround
Phillips screwdriver	Caulking material
Tape measure	Plumb line
Level	Electric drill/bits
Square	

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.

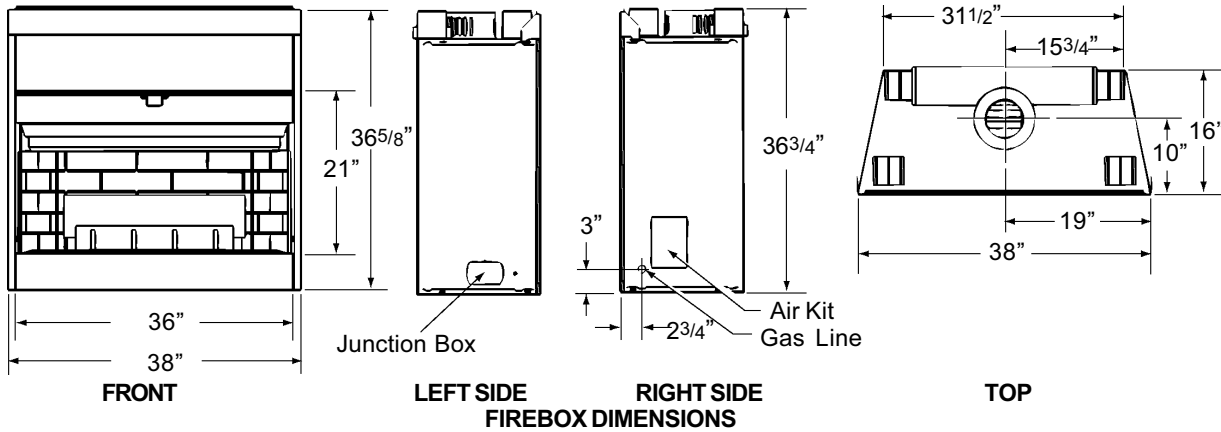
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The table below is a list of only those components which may be safely used with this decorative gas appliance. Only trim kits supplied by the manufacturer shall be used in the installation of this appliance.

Catalog #	Description
G141	36" natural gas, standing pilot, radiant appliance
G141L	36" propane gas, standing pilot, radiant appliance
G141E	36" natural gas, electronic ignition, radiant appliance
G141LE	36" propane gas, electronic ignition, radiant appliance
R	Refractory
RG36	Refractory Kit
CKP	Natural gas to propane gas conversion kit
CKN	Propane gas to natural gas conversion kit
RC4	Remote control (standing pilot)
RC5	Remote control (electronic ignition)
RC6	Remote control
AK14	Air Kit
DM1036	Bi-fold glass doors (Black)
DM1036A	Bi-fold glass doors (Antique Brass)
DM1036B	Bi-fold glass doors (Polished Brass)
QKE2B	Tile Surround
DF361A	Fixed Door (Antique Brass)
DF361B	Fixed Door (Polished Brass)

B. LOCATIONS & CLEARANCES



1. LOCATION AND SPACE REQUIREMENTS.

This appliance may be installed along a wall, across a corner or in an exterior chase. **DO NOT install B-Vent Gas Appliances in strong negative air locations, such as a basement or a public facility. This fireplace uses room air for normal operation and could have problems establishing a positive draft in negative air locations. In lieu, we recommend a direct vent appliance.** The G141 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 fireplace may be located in a room. These fireplaces 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.)

2. CLEARANCES.

The following clearances to combustibles must be maintained: Minimum clearances to the top standoffs of the fireplace - 0", floor - 0", back - 1", sides - 1", face of the fireplace 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 vent section. Venting that is vertical requires a 1" minimum air space completely around the vent section.

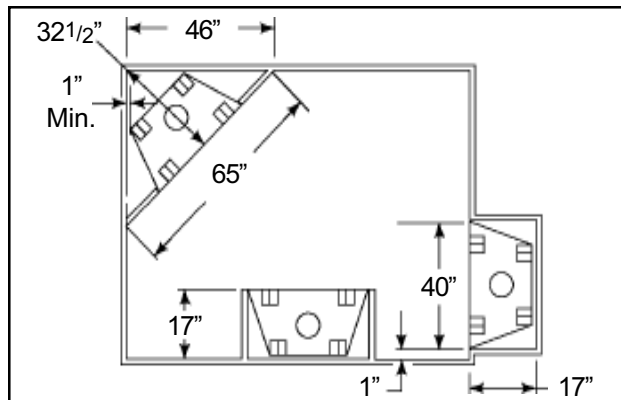


Figure 1 - Fireplace Locations and Clearances

WARNING!

Before moving to the following pages, 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.

C. FRAMING

1. FRAMING THE FIREPLACE.

The G141 Series Gas Appliance will fit a framed opening of 17" deep x 40-1/4" wide x 36-3/4" tall.

Figure 2 shows a typical framing of this appliance assuming combustible materials are used. All required clearances to combustibles around the fireplace must be adhered to. A 1" 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. Vent 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 vent sections require a 1" minimum air space clearance completely around the vent section.

Note: If a hand held Remote Control (RC4 or RC5) is to be used, wiring must be done prior to finishing to avoid reconstruction.

Note: The Wall Switch must be wired prior to applying the finishing material to the wall in order to avoid reconstruction.

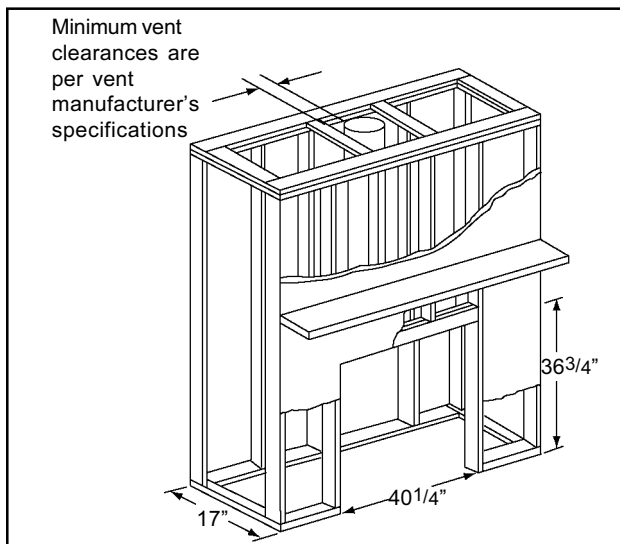


Figure 2 - Framing Requirements

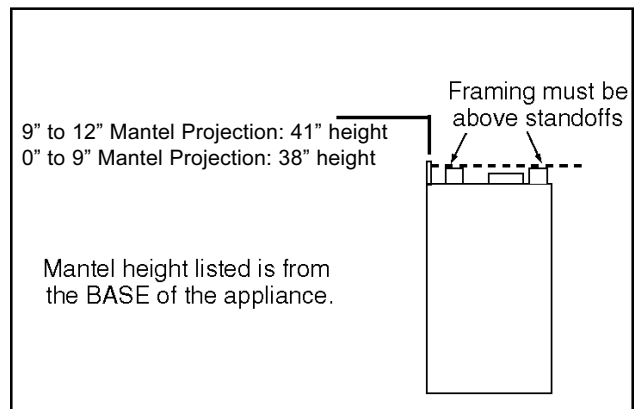


Figure 3 - Mantle Heights

Minimum allowable mantel heights are shown in Figure 3. All required clearances must be adhered to.

D. SETTING THE FIREPLACE

This fireplace may be placed on either a combustible or noncombustible continuous, flat surface. If the fireplace is installed on combustible flooring other than wood, a metal or wood panel needs to be installed underneath the appliance extending its full width and depth. Slide the fireplace into position and level the fireplace from side-to-side and front-to-back. Shim with noncombustible 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 fireplace to the framing. See Figure 4.

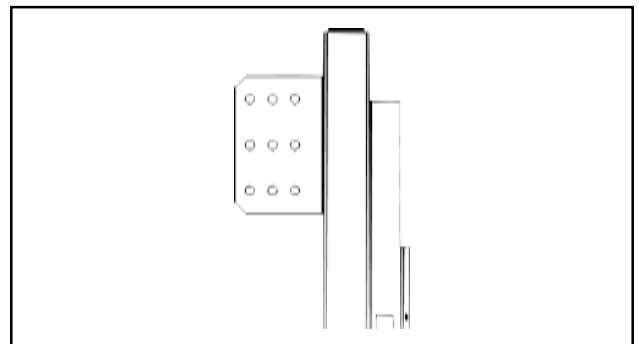


Figure 4 - Nailing Flanges

E. VENTING

1. TERMINATION.

Common venting of this gas appliance with other gas appliances is not allowed.

This fireplace requires the use of a 5" B-vent pipe for operation and must be terminated above the roof line. Never downsize pipe. Follow all B-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 20% of the height of the vent system as shown in Figure 5.

The Figures 5 and 6 show the maximum distances from the base of the fireplace, 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 the horizontal run - 3" on top and 1" on sides and bottom; maximum height - 40' from the base of the fireplace.

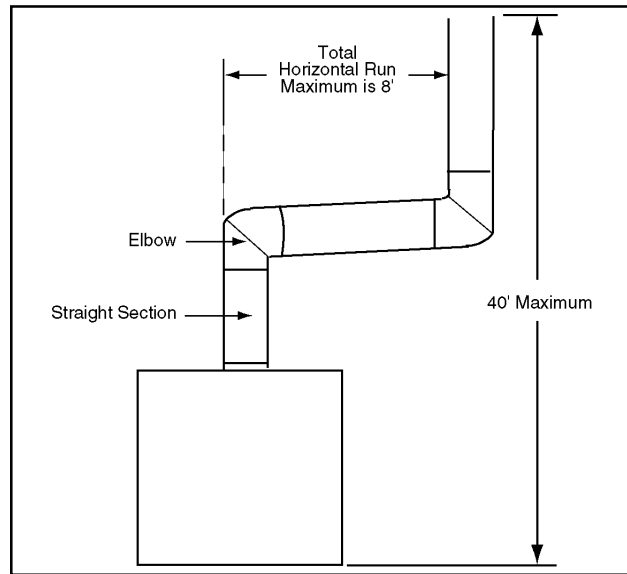


Figure 5 - Venting Off The Top of Appliance

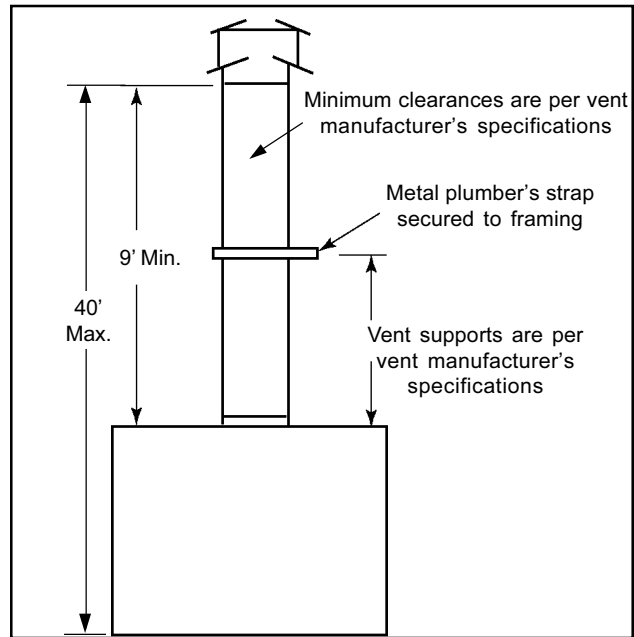


Figure 6 - Framing Requirements

Note: The horizontal run of vent must 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.

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2. ASSEMBLY.

- a. **Assembling Vent Sections.** Attach a straight vent section to the top of the fireplace. **Elbows directly off the top of the fireplace are not allowed.** This may cause the fireplace to operate ineffectively. Secure the attached vent section to the appliance with the three screws supplied. Use only B-vent sections.
- b. **Using Elbows.** Elbows 45 degrees and greater from the vertical shall be considered horizontal and therefore adopt horizontal run limitations. See Figure 7.
- c. **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.
- d. **Installing the Firestop Spacers.** Firestop spacers must be used whenever the venting penetrates a ceiling/floor area.

In all situations, firestop spacers are to be nailed to the ceiling joists from the bottom or appliance 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 vent system.

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.

- e. **Securing Vent System.** Continue assembling the vent sections up through the firestop spacers as needed. Vent sections must be locked into position. Elbows and chimney stabilizers have straps for securing these parts to joists or rafters.
- f. **Marking the Exit Point in the Roof.** Locate the point where the venting will exit the roof by plumbing down to the center of the vent system. Drive a nail up through the roof to mark the center. See Figure 8.
- g. **Cutting Out the Hole in the Roof.** Measure to either side of the nail and mark that 7" x 7" opening required (must meet minimum clearances per venting requirements). This is measured on the horizontal; actual length may

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.

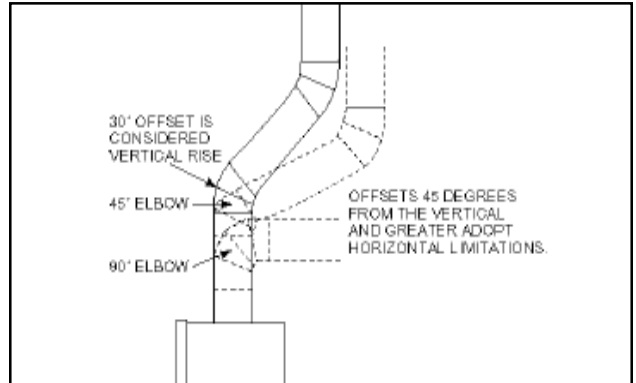


Figure 7 - Using Elbows

WARNING!
When vent sections exceeding 3 feet in length are installed between an offset and 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.

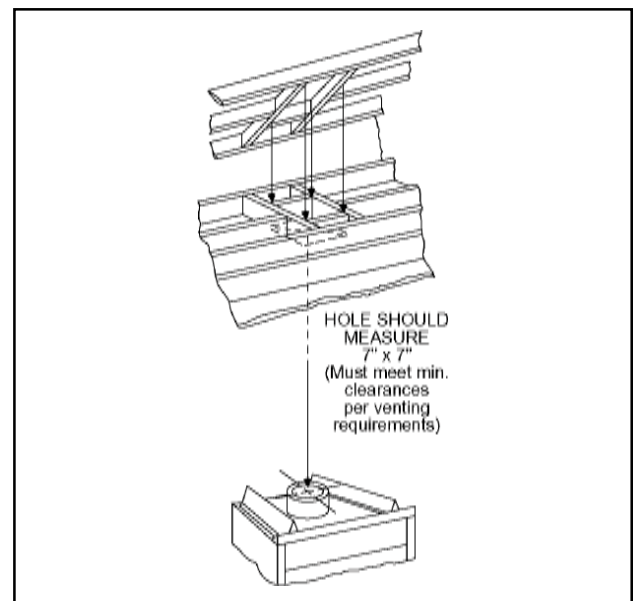


Figure 8 - Exiting Through the Roof

be larger depending on the pitch of the roof. Cut out and frame the opening. See the Uniform Building Code for Roof Framing details. A one inch minimum air space clearance must be maintained between the vent section and the roof.

- h. **Install Roof Flashing or Site-Produced Chase Top.** Position a roof flashing or a site-produced chase to and secure into place.
- i. **Assembling Vent Sections.** Continue to add vent sections through the roof opening, maintaining a minimum of one inch air space clearance.
- j. **Termination Cap.** Major building codes specify a minimum termination height above the roof top depending on the roof pitch. See Figures 9 and 10.

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

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

- k. **Checking the Vent System.** Periodically the venting system should be tested to assure proper operation. This can be done with a match while the fireplace 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 11.

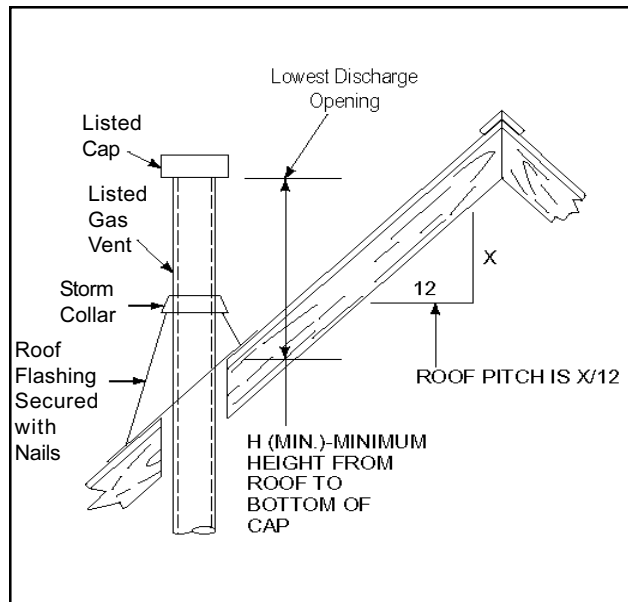


Figure 9
Vent Height for Vertical Termination

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

Figure 10
Minimum Termination Height

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3. DOUBLE CHECKING.

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

Note: The appliance and its individual shut-off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psi (3.5 kPa). The appliance must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psi (3.5 kPa).

Note: Although each fireplace is leak tested in the factory, it is mandatory during the first burn for you to check for leaks. These may occur due to handling, shipping, and installation and are beyond the control of Heatilator. Every joint, including the valve, pilot, fittings, etc. must be checked.

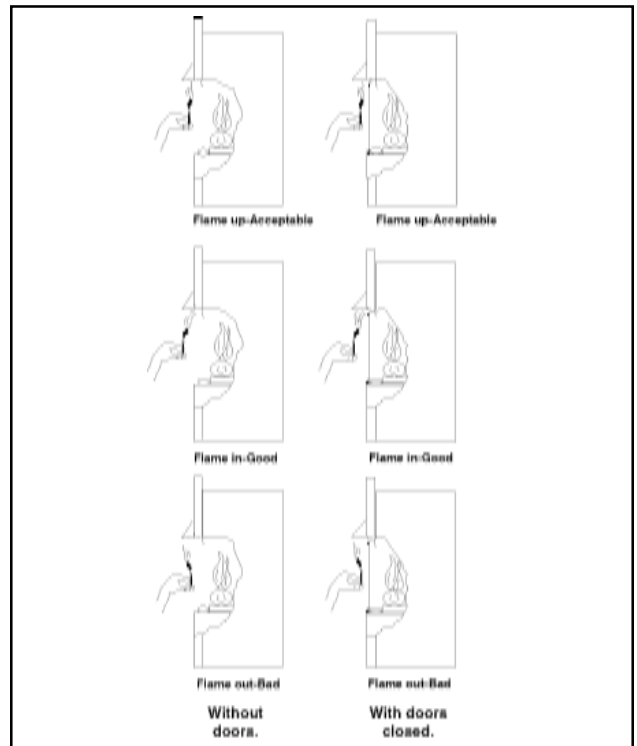


Figure 11 - Testing Ventilation

F. UTILITIES

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 burning appliance.

1. GAS PRESSURE.

For natural gas, the minimum inlet gas supply pressure is 4.5 inches water column, and the maximum inlet gas pressure is 7.0 inches water column, for the purpose of input adjustment. Input rate is 20,000 BTU/hr (natural gas) and 19,000 BTU/hr. (propane gas). 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.

Optimum manifold pressure is 3.5 inches water column for natural gas, and 10.0 inches water column for propane gas.

2. HIGH ALTITUDE INSTALLATION

- a. **U.S. Installation.** Fireplaces are tested and approved for elevations from 0-2000 feet.

When installing this fireplace at an elevation above 2000 feet, United States codes require a decrease of the input rating by changing the existing burner orifice.

Input should be reduced 4% for each 1000 feet above sea level. Check with the local gas utility for proper orifice size identification. This fireplace uses a .089 inch orifice size on natural gas versions and a .052 inch 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.

- b. **Canadian Installation.** Fireplaces are certified for elevations from 0-4500 feet. When installing this fireplace at an elevation between 0-4500 feet in Canada, the input rating does not need to be reduced.

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

3. LOCATION AND SPACE REQUIREMENTS.

This appliance may be installed along a wall, across a corner or in an exterior chase. **DO NOT install B-Vent gas appliances in strong negative air locations, such as a basement or a public facility. This fireplace uses room air for normal operation and could have problems establishing a positive draft in negative air locations.** The G141 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.)

4. GAS LINE INSTALLATION.

Install the gas line piping into the right side of the gas appliance. A separate shut-off gas valve should always be used.

5. GAS LINE CONNECTION.

Connect the gas line to the appliance manual valve inlet, using 1/2" pipe. Gas connections can be made from the control area by removing the access panel. All connections must be checked for leaks with a soap and water solution or a leak detector.

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

Note: A manual shutoff valve should be connected directly to the pipe inside the gas appliance and then connected to the valve.

After finishing the gas line installation, be sure to place insulation or silicone sealant around the incoming gas line to prevent cold air infiltration into this gas appliance. See Figure 12.

6. ACCESS PANEL REMOVAL.

To remove the access panel, lift by the tabs and set aside. See Figure 13.

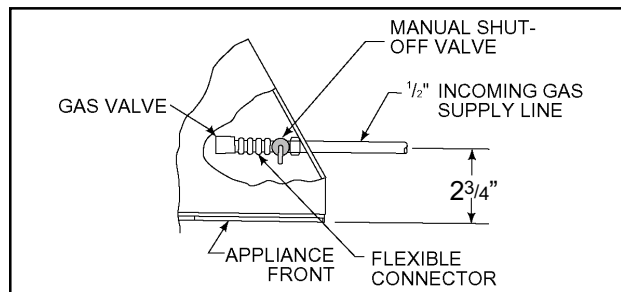


Figure 12 - Gas Line

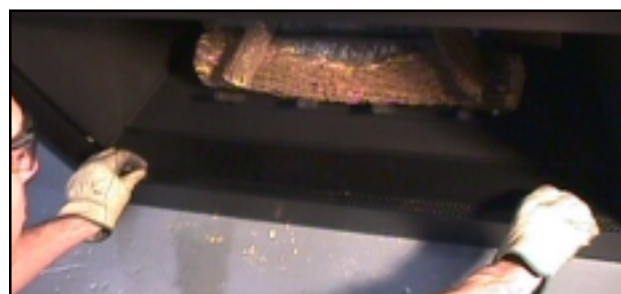


Figure 13 - Access Panel Removal

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7. WIRING

a. Electronic Ignition

- 1) **Appliance Requirements.** This appliance requires a 110V AC supply from the junction box for operation. A wiring diagram is shown in Figure 14.
- 2) **Wall Switch.** Position the switch in the desired place on the wall and wire to the appliance.
- 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.

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, Part 1 Safety Standard for Electrical Installations. 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.

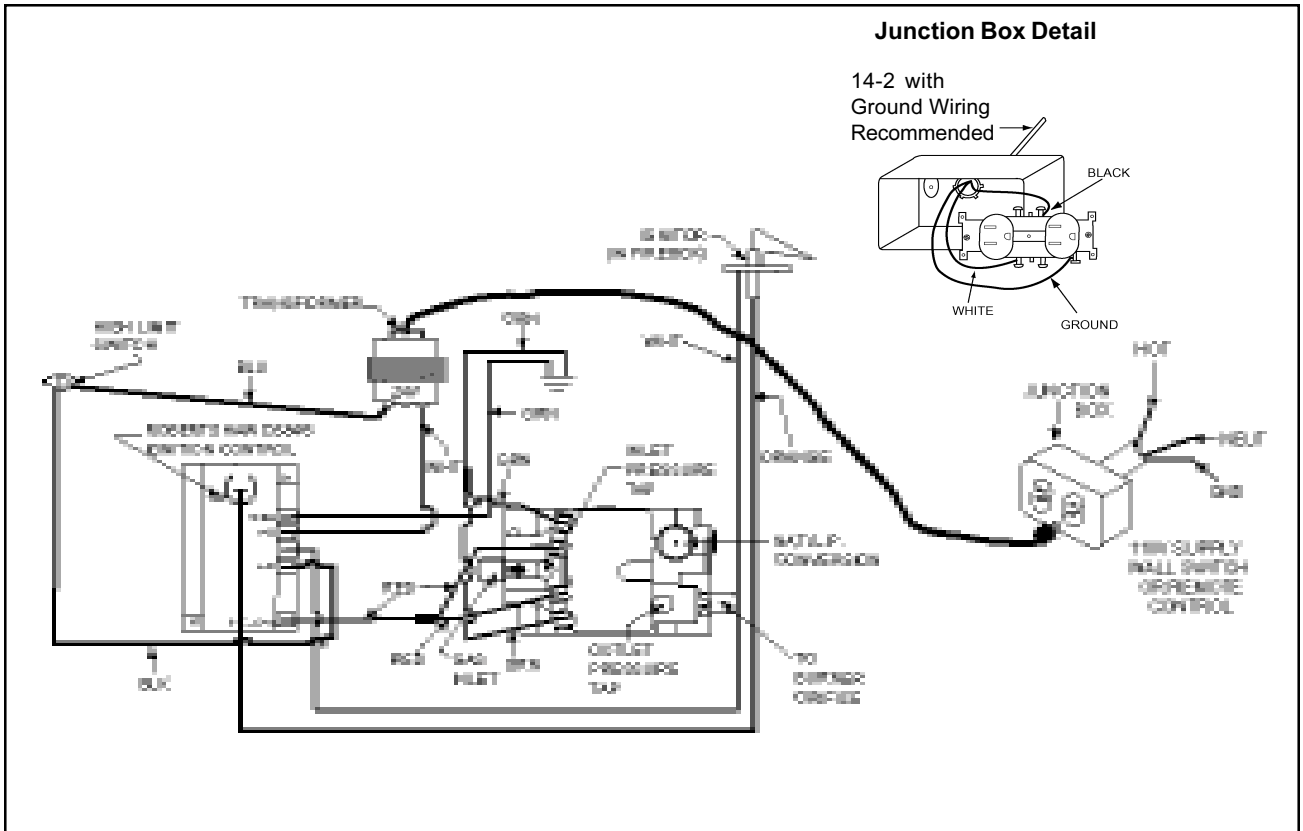


Figure 14 - Electronic Ignition Wiring Diagram

b. Standing Pilot Ignition

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.

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

If you extend beyond the wall switch wires provided, you must not use wire nut extensions, but replace existing wires with desired length. **NOTE: Extended lengths of wire will reduce millivolt readings and may cause fireplace shutdowns.**

- 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 remote control (RC4) requires a separate 110V AC supply directly to the appliance junction box, as shown in Figure 15. Wiring diagrams are provided with all accessories.

- 1) **Remote Wall Switch.** Position the junction box in the desired place on the wall. Wiring located for the wall switch will be found protruding from the right side of the fireplace. Run the wire to the junction box, connect to a wall switch and mount to the desired position on the wall. A wiring diagram is shown in Figure 15.

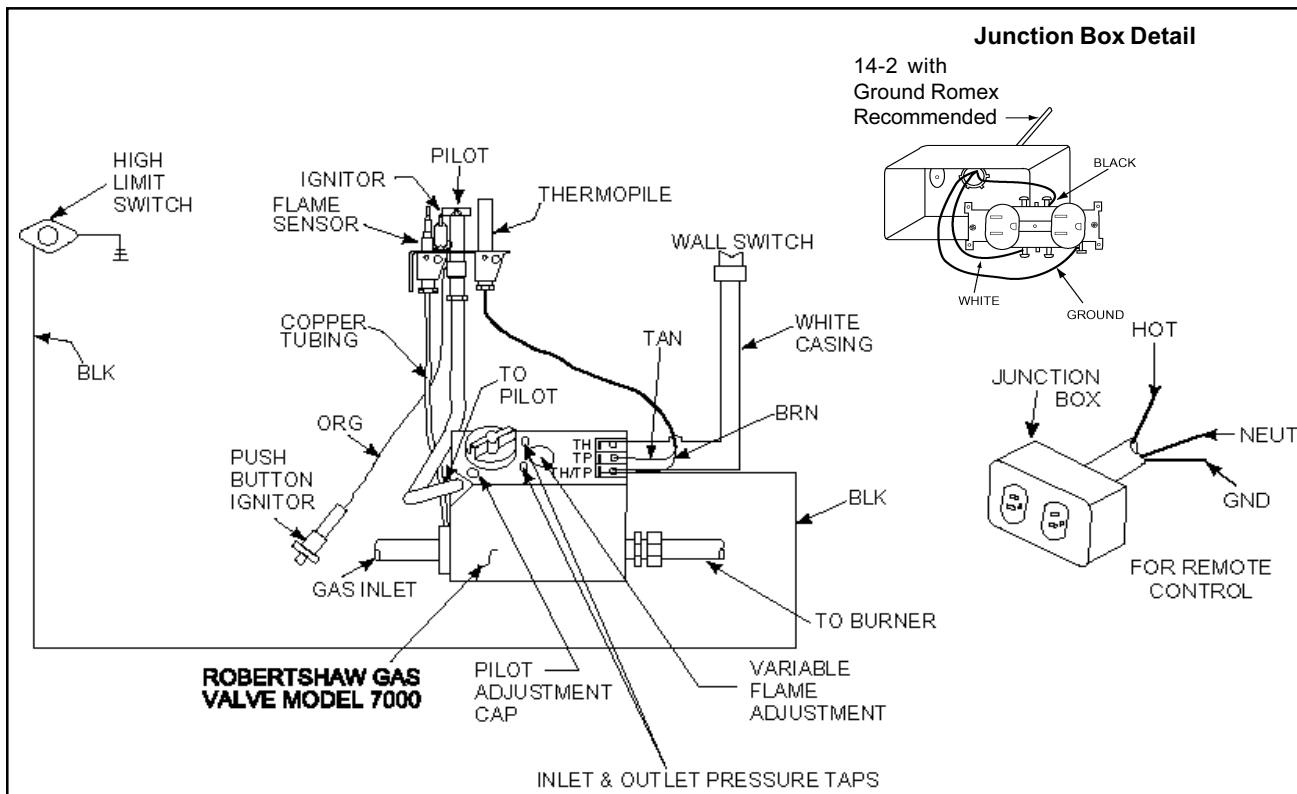


Figure 15
Standing Pilot Ignition Wiring Diagram

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8. INSTALLING THE OUTSIDE AIR (OA) KIT.

Many possible locations are available for your outside air inlet. Figure 16 demonstrates two possible locations. A three-foot minimum height difference must be maintained from the top of the roof termination to the outside combustion air inlet (see Figure 16). Be sure to check vent height requirements for the firebox 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. The vent inlet must be connected to an air supply outside of the building and must not exit higher than the building soffit.

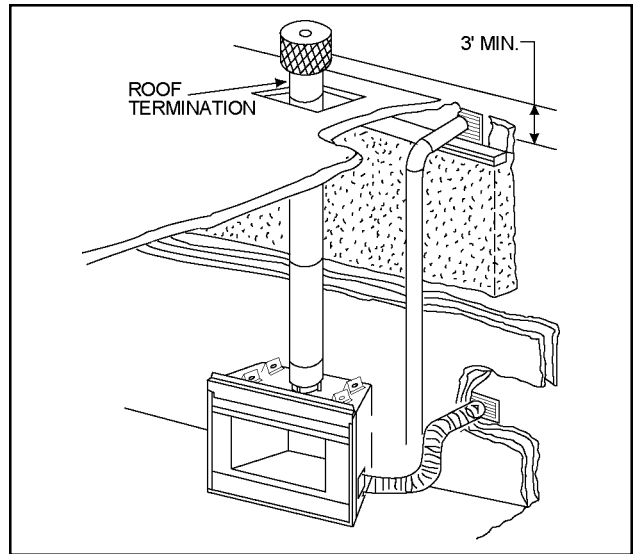


Figure 16- Outside Air Kit Installation

WARNING!

When locating the appliance 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.

- a. **Installing the Damper of the OA Kit.** 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 17 demonstrates the correct order in which the air kit assembly should take place.

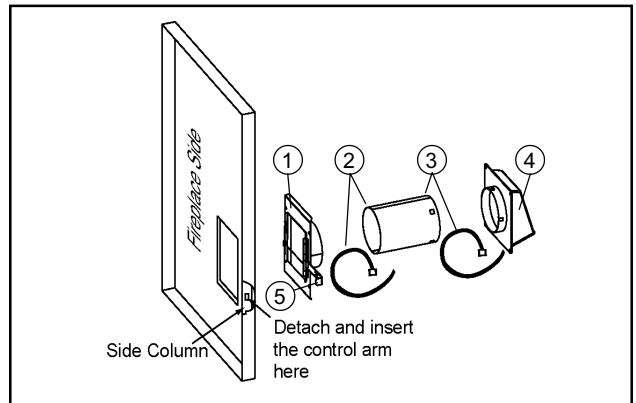


Figure 17 - Installing the Outside Air Kit

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

- b. **Assembling the Control Arm of the OA Kit.** Connect the control arm onto the damper assembly. See Figure 18. Remove the access panel on the side of the fireplace.

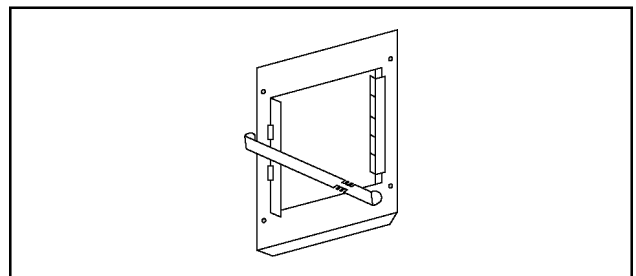


Figure 18 - Connecting the Control Arm

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.

Item	Description	Qty.
1	Damper Assembly	1
2	Clamp Ties	2
3	Air Inlet Assembly	1
4	Control Arm	1
5	Fastener Package	1
6	Flexible Connector ID4, UD4	not supplied
7	Stucco Shield	1

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.

- c. **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.
- d. **Attaching the Flexible Duct.** Assemble the flexible duct between the damper assembly and the tube assembly. Secure it into position with the provided clamp ties.

CAUTION:

DO NOT install B-Vent Gas Appliances in strong negative air locations, such as a basement or a public facility. Living rooms with cathedral ceilings could be susceptible to a negative air situation, but such installations can be overcome through raising the termination, depending on specific installations. This fireplace uses room air for normal operation and could have problems establishing a positive draft in negative air locations. In lieu, we recommend a direct vent appliance.

G. FINISHING MATERIALS.

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 noncombustible material only.

After applying the finishing material, a noncombustible 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 19.

A combustible mantel may be installed at a minimum of 38 inches above the base of the appliance.

Only noncombustible materials may be used to cover the black surface of the firebox front.

1. COMBUSTIBLE MATERIALS.

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.

2. NONCOMBUSTIBLE 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 a combination of the materials.

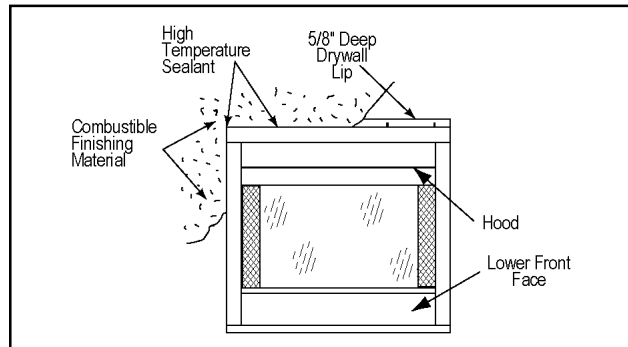


Figure 19 - Finishing Materials

3. 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 facing material (dry wall) over the framing, a noncombustible sealant, one-half inch wide maximum bead, 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 19.

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H. FIREBOX PREPARATION

1. PLACING THE GRATE BARS

The grate bars will be shipped under the hearth pan. Place them in the holes in the grate support. The fit will be loose. The bar should lean forward slightly. See Figure 20.

2. PLACING THE LAVA ROCK.

Spread the lava rock on the hearth pan just in front and on the sides of the logs. See Figure 21.

3. PLACING THE VERMICULITE.

Sprinkle over the lava rock. See Figure 22.

Note: The placement of the lava rock and rock wool is very critical to the appearance of the fireplace looks during its operation. Please take time during this portion of the setup to achieve the best appearance.

4. PLACING THE ROCK WOOL.

Break the rock wool into pieces, no bigger than 1/2" diameter and place them on the burner tube. This will create the glowing ember appearance when the flame touches the rock wool. See Figure 23.

WARNING!

Do not operate this appliance if the glass is broken or cracked.

WARNING!

Do not hit, strike, or slam shut the glass.



Figure 20 - Grate Bars



Figure 21 - Placing the Lava Rock



Figure 22 - Placing the Vermiculite



Figure 23 - Placing the Rock Wool

I. DETERMINING IGNITION

TO THE CONSUMER:

To determine whether your appliance is an electronic ignition or a standing pilot ignition, remove the access panel to examine the wiring system. If your system has a red push button (as shown in Figure 24), 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 in the valve compartment (under the access panel) to determine ignition type.

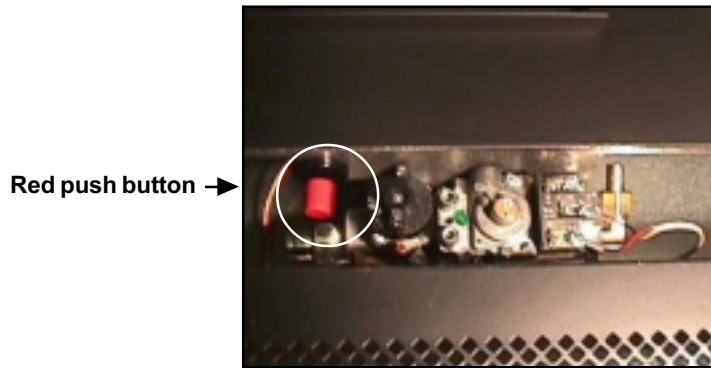


Figure 24 - Standing Pilot Ignition



Figure 25 - Electronic Valve Assembly

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J. LIGHTING INSTRUCTIONS

1. STANDING PILOT IGNITION

FOR YOUR SAFETY READ BEFORE OPERATING

WARNING! If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- A. This appliance 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 close gas line. 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. 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 as been under water.

STANDING PILOT LIGHTING INSTRUCTIONS

1. Turn wall switch to the appliance to the OFF position.
2. Remove/open access panel.
3. Turn gas line to CLOSED. Wait 5 minutes to clear out any gas. Then smell for gas, including near the floor. If you smell gas, STOP! Follow "B" in the safety information above on this label. If you don't smell gas, go to the next step.
4. Turn gas line to OPEN.
5. Turn pilot knob clockwise to OFF. (Knob may have to be depressed to pass the PILOT position.)
6. Locate pilot assembly inside fireplace.
7. Locate red ignitor button.
8. Turn pilot knob to PILOT and push in.
9. Continue to hold in pilot knob and push the red ignitor button 12-15 times until small blue pilot flame appears.
10. Continue to hold in pilot knob for approximately one minute. Pilot should remain lit. If pilot goes out, wait 5 minutes and repeat Steps 4-9.
11. To light the main burner, release and turn the knob counterclockwise to ON. If the fireplace is connected to a wall switch, turn it to ON. **Do not** light by hand.
12. If the appliance will not operate, follow the instructions "TO TURN OFF THE GAS TO THE APPLIANCE" and call your service technician or gas supplier.

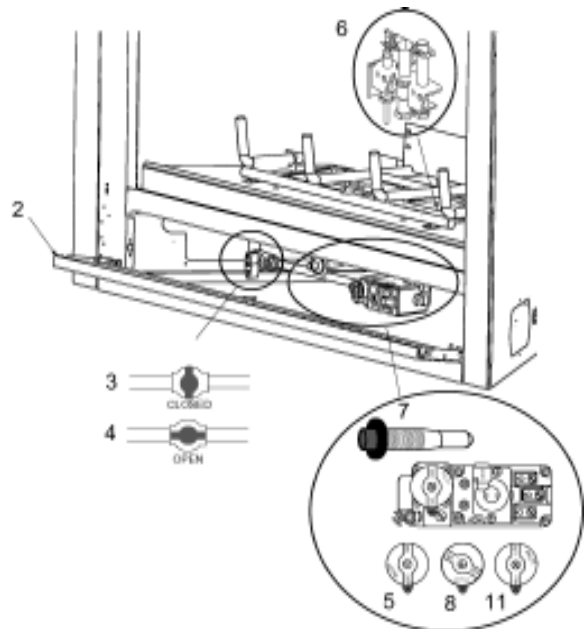


Figure 26

TO TURN OFF THE GAS TO THE APPLIANCE

1. Turn off the wall switch.
2. Remove/open access panel.
3. Turn gas line to CLOSED position. Do not force.
4. Replace/close control access panel.

2. ELECTRONIC IGNITION

FOR YOUR SAFETY READ BEFORE OPERATING

WARNING! If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- A.** This appliance 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 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.** 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 as been under water.

ELECTRONIC IGNITION LIGHTING INSTRUCTIONS

1. Turn wall switch to the OFF position.
2. This appliance is equipped with an ignition device which automatically lights the burner. **Do not** try to light the burner by hand.
3. Wait five minutes to clear out any gas. If you then smell gas, STOP! Follow "B" in the safety information above on this label. If you do not smell gas, go on to the next step.
4. To turn on the burner, turn on all electric power to this appliance.
5. If the appliance will not operate, follow the instructions "TO TURN OFF THE GAS TO THE APPLIANCE" and call your service technician or gas supplier.

TO TURN OFF THE GAS TO THE APPLIANCE

1. Turn off the wall switch.
2. Remove/open access panel.
3. Turn gas line to CLOSED position. Do not force.
4. Replace/close control access panel.

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K. SEASONAL CHECKLIST

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 rock wool, lava rock, and vermiculite have all been placed correctly. (Refer to items 2, 3 and 4 on page 16.)
2. Check to see that all wiring is correct and enclosed to prevent possible shock. This is done by removing the access panel (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.
6. Check the air shutter adjustment. Natural gas fireplaces will be 1/16" open. Propane fireplaces will be fully opened.

IF YOU OWN AN ELECTRONIC IGNITION APPLIANCE, AT THIS POINT SKIP SECTION 1 BELOW AND CONTINUE WITH SECTION 2 ON PAGE 21.

1. STANDING PILOT OPERATION.

- a. **Access Panel Removal.** To remove the access panel, lift upward, remove and set aside, as shown in Figure 27.
- b. **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.



Figure 27 - Access Panel Removal

Be sure the manual ON/OFF knob and the gas valve knob (both located under the access panel) have been turned to the OFF position. You fireplace may have a rocker ON/OFF switch installed; if so, this also needs to be turned to the OFF position. Allow the appliance to sit for five minutes so any gas that may have accumulated in the main burner compartment escapes.

Turn the manual on/off valve to ON. Turn the gas knob to PILOT, and press in. While holding it in, light the pilot by pressing the red ignitor button, shown in Figure 24, 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. You may now turn the remote wall switch to the ON position which will turn on the main burner. Initially, the flames may resemble more of a blue color but after the first 20 minutes of operation, they will become more yellow.

- c. **Seasonal Shutdown.** Heatilator recommends leaving the pilot on year around.

To shut down the appliance for a long period of time, you must first shut off the main burner by moving the wall switch.

Next step; remove the access panel to expose the valve area. See Figure 27. Locate the gas knob and turn it to the PILOT position. Press in and continue turning to the OFF position. Turn the manual ON/OFF valve to OFF. Your entire system is now shut down.

- d. **Replace the Access Panel.**

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

Note: When first operated, this fireplace 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.

IF YOU OWN A STANDING PILOT IGNITION, SKIP SECTION 2.

2. ELECTRONIC IGNITION OPERATION.

- a. **Access Panel Removal.** To remove the access panel, lift upward, remove and set aside, as shown in Figure 27.
- b. **Initial and Seasonal Lighting Procedure.** Initial lighting constitutes the first time the appliance has been lit after installation. Seasonal lighting refers to lighting the fireplace after it has been unused and the gas valve has been turned to OFF.

Be sure the gas valve knob (located under the access panel) has been turned to the OFF position. Also, your fireplace may have a rocker ON/OFF switch installed; if so, this also needs to be turned to the OFF position. Allow the appliance to sit for five minutes so any gas that may have accumulated in the main burner compartment escapes.

Turn the manual on/off knob (inside the access area) to the ON position. Then turn the wall switch to ON. This will activate an electronic spark. Initially, the flames may have more of a blue color but after the first 20 minutes of operation, they will become more yellow.

- c. **Seasonal Shutdown.** When the burning season comes to an end, the entire system should be shut down.

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 access panel to expose the valve area. See Figure 27. Turn the manual on/off gasline knob to OFF. Your entire system is now shut down.

- d. **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.
- e. **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.
- f. **Replace the Access Panel.**

L. MAINTENANCE INSTRUCTIONS

1. 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 remote wall switch before cleaning.

2. CHECKING FLAME PATTERNS.

Check the flame pattern 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 and thermopile (standing pilot) tips should be covered with flame. See Figures 28-30.

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3. VENTING SYSTEM INSPECTION.

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

4. LOG CLEANING.

Logs can be easily lifted out of position. Carbon buildup (soot) can be removed with a vacuum cleaner. To prevent possibilities of soot, we have provided your fireplace with an adjustable air shutter. Your air shutter is provided preset to ensure clean operation under normal situations. In the event that soot is accumulating in your appliance, the air shutter should be opened farther as shown in Figure 33. This can be done with a screwdriver or a 1/4" wrench.

5. VALVE ACCESS.

If removing the access panel is not providing adequate access to the valve for maintenance purposes, the entire hearth pan (which the valve is attached to) may be removed.

- a. Remove the two screws attaching the log brackets (found on the right and left sides of the logs) to the hearth pan. See Figure 31. Set the logs aside.
- b. Remove the burner.
- c. Remove log support from the back of inner shell. See Figure 32. Set aside.
- d. Remove four grate bars.
- e. If refractory is installed remove refractory panels from firebox.
- f. Remove four screws holding the hearth pan to the inner shell to access the valve assembly.

Note: When replacing the valve assembly, make sure the burner tube is correctly placed on the orifice, off the valve. See Figure 33.

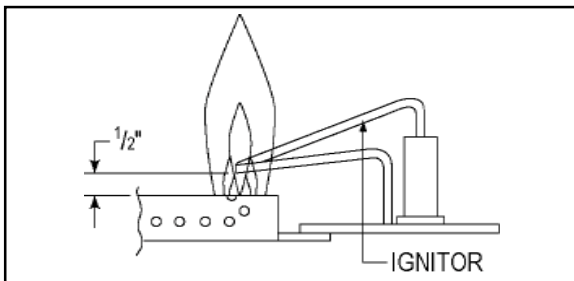


Figure 28 - Electronic Ignition

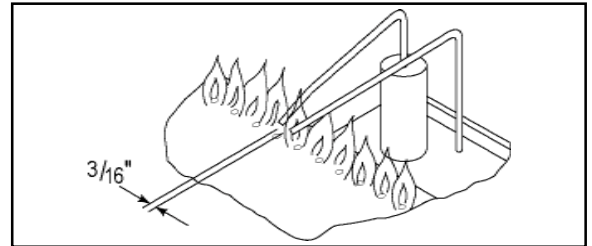


Figure 29 - Electronic Ignition

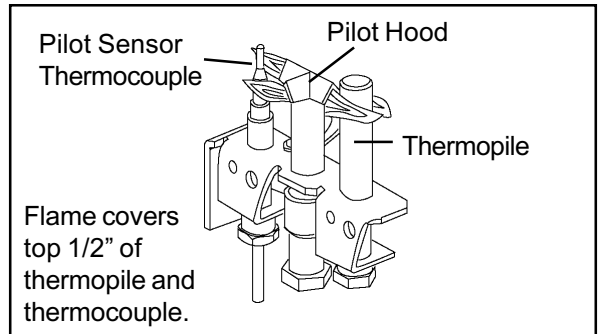


Figure 30 - Standing Pilot



Figure 31 - Log Bracket



Figure 32 - Remove Log Support



Figure 33 - Correct Position of Burner Tube on Orifice

6. HIGH LIMIT SAFETY SWITCH.

A limit switch has been installed on the G141. This switch automatically turns off the fireplace if it becomes too hot. If this happens, do not attempt to operate the fireplace until it has been examined by a qualified service technician. For the limit switch location, see Figure 35.

Note to Qualified Service Technician:

For electronic ignition fireplaces, this limit switch must be manually reset if it has shut the fireplace off. This is done by first removing the limit switch shield to expose the high limit. See Figure 36. Push the red button in until you hear a click. Your fireplace should now be operable. Replace the high limit shield

WARNING!

Decorative gas appliances 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 firebox opening, creating risks of both fire and spillage.

7. PROPER OPERATION OF OPTIONAL GLASS DOORS.

If you have decided to install optional doors on your G141, 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 34.

Note: When cleaning the glass doors, use a non-abrasive material such as Brasso. NEVER clean glass when hot. Keep pets and children a safe distance away.

8. GLASS BREAKAGE/CLEANING.

It is recommended to wear gloves while handling or removing glass doors. **DO NOT REMOVE GLASS WHEN HOT.**

- a. Clean glass doors after initial one hour burn. This is to remove any film that develops from oils and log burn in time. After initial cleaning, clean as needed.
- b. Handle glass doors with care to avoid striking or scratching it on hard objects.

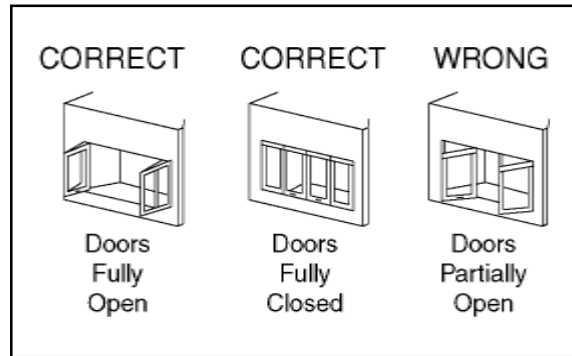


Figure 34 - Correct Operation of Optional Doors

- c. To clean the glass doors, use a nonabrasive, mild cleaning solution (i.e. Brasso). Apply an adequate amount to the glass and wipe off per manufacturer's instructions. Contact your local stove shop or fireplace accessories store for further recommendations.
- d. In the event of glass breakage, carefully remove the glass frame. This will allow the removal of all glass fragments and sheet metal edge protection strips. Vacuum all remaining glass pieces with a shop vac. (DO NOT VACUUM IF PIECES ARE HOT.) Replace glass doors with a Heatilator assembly ordered through your local distributor. **Never** use substitute material. Only fully tempered soda lime safety glass may be used on this appliance.



Figure 35 - Limit Switch

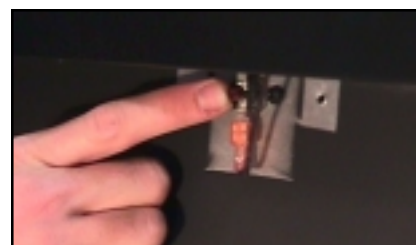


Figure 36 - Limit Switch

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M. TROUBLE SHOOTING

1. ELECTRONIC IGNITION

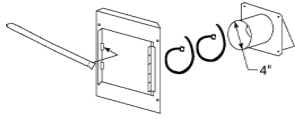
Problem	Cause	Corrective Action
1. Spark ignitor will not light burner after repeated attempts.	A. Defective ignitor; loose wire. B. Misaligned electrode at ignitor.	Check for loose connections on electrode and ignitor. Refer to the wiring diagram on page 12 for assistance. Check for spark. If electrode connection is correct and there is no spark, replace ignitor. Spark should be extending approximately 3/16" between prongs. See Figure 29. Adjust gap to give proper spark. Remove hands from electrode before attempting.
2. Burner will not stay lit.	A. Defective ignitor. B. No ground.	Check burner flame. See Figures 28-29. Adjust ignitor if necessary. Be sure ignitor is secured tight into bracket and bracket is secured tightly to the fireplace. Be sure wiring connections are tight throughout system, including high limit switch. Check that wiring is grounded as shown in Figure 14.
3. With wall switch in "ON" position, no gas to burner.	A. Manual on/off valve(s) shut off. B. Plugged burner orifice. C. Wall switch defective. D. No power.	Check all gas valves leading to appliance. Turn to the "ON" position. Check for 24 volt power off the transformer. Check burner orifice; remove blockage. Check continuity. Check 110V AC supply (fuses/breaker).
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. B. Improper air mixture.	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. Check air shutter setting.
6. Fireplace 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. High limit switch will need to be manually reset.
7. Glass has film on it.	A. Normal result during initial few hours of operation. B. Improper log placement causing soot. C. Dark yellow-tipped flame.	Clean glass with Brasso or silver polish. Check log placement; reposition if necessary. Open air shutter to increase air to gas ratio.

2. STANDING PILOT

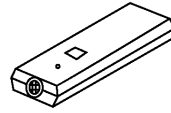
Problem	Cause	Corrective Action
1. Spark ignitor will not light pilot after repeated pressing of red button.	A. Defective ignitor. B. Misaligned electrode. C. No gas to pilot/plugged orifice. D. Ignitor wire grounding out. E. Loose ignitor wiring.	Replace ignitor. Spark should be approximately 1/8" to bottom of pilot hood. Adjust gap to give proper spark. Remove hands from electrode before pressing red button. Check valve knob position & any shut-off valves. If propane, check for empty tank. Check pilot orifice; remove any blockage. Replace pilot assembly. Check for spark. If electrode connection is correct & no spark, replace ignitor.
2. Pilot will not stay lit.	A. Pilot flame not in constant contact with pilot sensor. B. Pilot sensor not tightened/sealed in valve properly. C. Defective pilot sensor thermocouple. D. Faulty valve.	Check log placement. Check pilot flame; adjust flame if necessary. Check that pilot sensor connector is tight in valve. Replace pilot sensor thermocouple. Replace valve.
3. With pilot lit, valve and ON/OFF switch in "ON" position, burner will not light.	A. 110 volts of electricity has burned out valve. B. ON/OFF wall switch defective. C. Plugged burner orifice. D. Defective thermopile. E. Burner not on orifice. F. Loose or faulty wiring. G. Faulty valve. H. Faulty high limit switch.	Remove voltage and replace valve. 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 doesn't come on, connect to ON/OFF switch junctions at valve. If burner comes on, replace wires. Check burner orifice, remove blockage. Replace thermopile. Check burner; place on orifice. Check for loose connections; verify wiring (see Figure 15). Replace valve. Replace high limit switch.
4. Fireplace turns itself off after a period of time, but pilot stays lit.	A. High limit safety switch is activated. B. Intermittent short in ON/OFF wiring system. C. Defective thermopile.	Have a qualified service technician check venting system for blockage (i.e. bird nests, damage). Ensure proper venting condition. Check/replace ON/Off wiring system. Replace thermopile.
5. Fireplace turns itself off after a period of time, pilot no longer lit.	A. Pilot flame not in constant contact with pilot sensor. B. Defective pilot sensor thermocouple.	Check log placement; check pilot flame, adjust flame if necessary. Replace pilot sensor thermocouple.
6. Glass door fog up.	A. Normal result of gas combustion.	No action necessary. After the fireplace has warmed up, the glass will clear.
7. Blue flames.	A. Normal result during first 20 minutes of burning. B. Improper air mixture.	No action necessary. Flames will begin to turn more yellowish after about 20 minutes of burning. If blue flames persist, check air shutter setting; then check that log and embers are positioned correctly. Check air shutter setting.
8. Glass has film on it.	A. Normal result during initial few hours of operation. B. Improper log placement causing soot. C. Dark yellow tipped flame.	Clean glass with Brasso or silver polish. Check log placement; reposition if necessary. Open air shutter to increase air to gas ratio.

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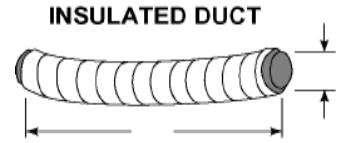
N. OPTIONAL COMPONENTS



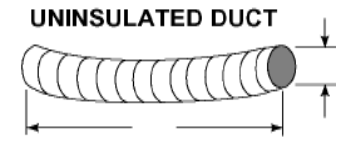
**AK14
OUTSIDE AIR KIT**



**REMOTE CONTROL
RC4, RC5, RC6**



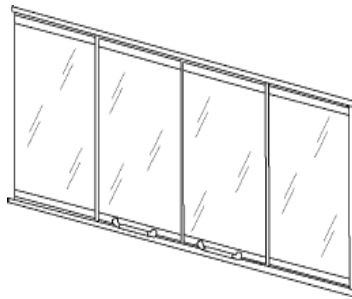
ID4



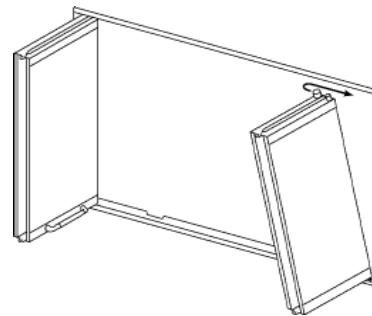
UD4



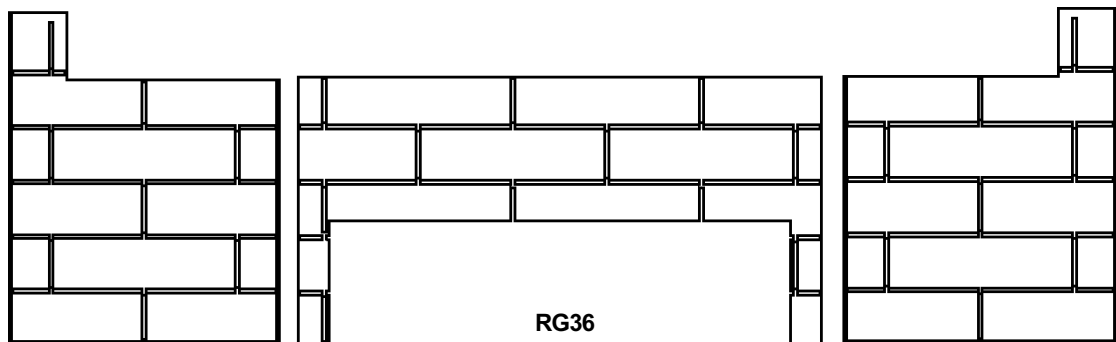
**QKE2B
QUICK TILE BRASS SURROUND**



**DF361A/B
FIXED DOOR**



**DM1036A/B
BI-FOLD DOOR**



**RG36
REFRACTORY**

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O. REPLACEMENT PARTS

Replacement parts are available from your distributor/dealer.



LOG SET

COMMON PARTS

PART #	DESCRIPTION
31652	Log/Grate Assembly
28911	Lava Rock
14333	Rock Wool
28746	Vermiculite
31509	Electronic High Limit Switch
33492	Standing Pilot High Limit Switch
32724	Burner
31472	Access Panel
14046C	Orifice - Natural Gas
14047D	Orifice - Propane

ELECTRONIC IGNITION

PART #	DESCRIPTION
30355	Ignitor
20947B	Transformer
15695D	Ignition Control
31828	Valve-Natural/Propane

STANDING PILOT

PART #	DESCRIPTION
25660	Pilot Assembly - Natural
23363	Valve - Natural (Robertshaw)
25661	Pilot Assembly - Propane
25812	Valve - Propane (Robertshaw)
13416	Push Button Ignitor

Note: 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.

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**Limited Lifetime Warranty
Gas Appliance**

Heatilator, a Division of Hearth Technologies Inc., extends the following warranty for HEATILATOR, gas appliances installed in the United States of America or Canada (the "Appliance"). Dealers and employees of Heatilator have no authority to make any warranty or authorize any remedies in addition to or inconsistent with the terms of this warranty. This warranty gives you specific legal rights. You may also have other rights, which vary, from state to state regarding limitations on how long an implied warranty lasts, or do not allow exclusion or limitation of incidental consequential damages.

Limited Lifetime Warranty

Heatilator warrants the Appliance for component failure due to a manufacturing defect of any of the following: combustion chamber, burner pan, and logs. The Limited Lifetime Warranty specified above is subject to the conditions, exclusions and limitations listed below, is for the period the Appliance is owned by the original homeowner only, and is non-transferable.

1 Year Limited Coverage

Heatilator warrants the gas appliance to be free from failure of any of the following components for a period of one year after installation when installed and used in accordance with the Installation Instructions, Operating Instructions, and Listing Agent Identification Label: valve, flexible gas line connector, glass panel, fan, direct vent chimney components, factory paint, gasket, piezo ignitor, thermopile, thermocouple, junction box, pilot assembly, shutoff valve, high limit switch, refractory liners, transformer, and control box. If the Heatilator gas appliance is found to be defective in either material or workmanship within one year of the date of original installation, Heatilator will provide replacement parts at no charge and pay reasonable labor and freight costs. This 1-Year Limited Warranty is subject to the conditions, exclusions and limitations listed below.

CONDITIONS, EXCLUSIONS, & LIMITATIONS OF LIABILITY

- A.** Both the Limited Lifetime and 1 Year Limited Warranties supplied by Heatilator apply only while the appliance is in its location of original installation. Heatilator's obligation under this warranty does not extend to damages resulting from (1) installation, operation or maintenance of the Appliance not in accordance with the Installation Instructions, Operating Instructions, and the Listing Agent Identification Label furnished with the Appliance; (2) installation which does not comply with local building codes; (3) shipping, improper handling, improper operation, abuse, misuse, accident or unworkmanlike repairs; (4) environmental conditions, inadequate ventilation or drafting caused by tight sealing construction of the structure, air handling devices such as exhaust fans or forced air furnaces, or other causes; (5) use of fuels other than those specified in the Operating Instructions; (6) installation or use of components not supplied with the Appliance or any other components not expressly authorized and approved by Heatilator; and/or (7) modification of the Appliance not expressly authorized and approved by Heatilator in writing. (8) This warranty is limited to only the component parts manufactured or supplied by Heatilator.
- B.** This warranty is limited to the replacement or repair of defective components or workmanship and Heatilator may fully discharge all obligations under this warranty by repairing or replacing, at its discretion, the defective components. **In no event shall Heatilator be liable for any incidental or consequential damages caused by defects in the appliance.**
- C. EXCEPT TO THE EXTENT PROVIDED BY LAW, HEATILATOR MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY SPECIFIED HEREIN. THE DURATION OF ANY IMPLIED WARRANTY IS LIMITED TO DURATION OF THE WARRANTY SPECIFIED ABOVE.**

HOW TO OBTAIN SERVICE. To obtain service under this warranty you must:

1. Send written notice of the claimed condition to Heatilator, Customer Service Department, 1915 W. Saunders Street, Mt. Pleasant, Iowa 52641 - 1563.
2. Provide proof of purchase, model number, serial number, and manufacturing date code to Heatilator.
3. Provide Heatilator reasonable opportunity to investigate the claim, including reasonable opportunity to inspect the Appliance prior to any repair or replacement work and before the Appliance or any component of the Appliance has been removed from the place of original installation.
4. Obtain Heatilator's consent to any warranty work before the work is done.

ADDITIONAL INFORMATION: If you would like information on current HEATILATOR products or want to locate a dealer in your area, simply call 1-319-385-9211.