

**Figure 16**  
GENEVA Log Set (Geneva 60 shown)



**Figure 19**  
Placing the Rock Wool



**Figure 17**  
Placing the Lava Rock



**Figure 20**  
Placing the Fire Glow



**Figure 18**  
Placing the Vermiculite

*The first name in fireplaces*

## I. DETERMINING THE IGNITION

To determine whether your appliance is an electronic ignition or a standing pilot ignition system, remove/open the control access panel to examine the wiring system. If your appliance has a red Ignitor button, as shown in Figure 21, you own a standing pilot ignition appliance. If no red Ignitor button is present, you own an electronic ignition appliance.

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

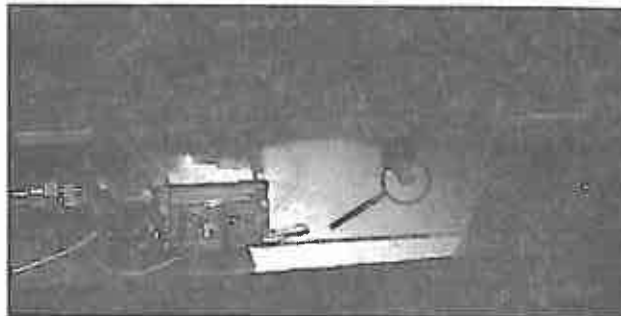


Figure 21  
Standing Pilot Ignition Identification

## J. LIGHTING INSTRUCTIONS

### 1. ELECTRONIC IGNITION

#### 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 is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot 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. Use only your hand to close the manual shutoff valve. Never use tools. If the handle 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 has 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 pilot. Do not try to light the pilot 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. Close the manual shutoff valve. Do NOT force.
3. Replace/close control access panel.

2. 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.

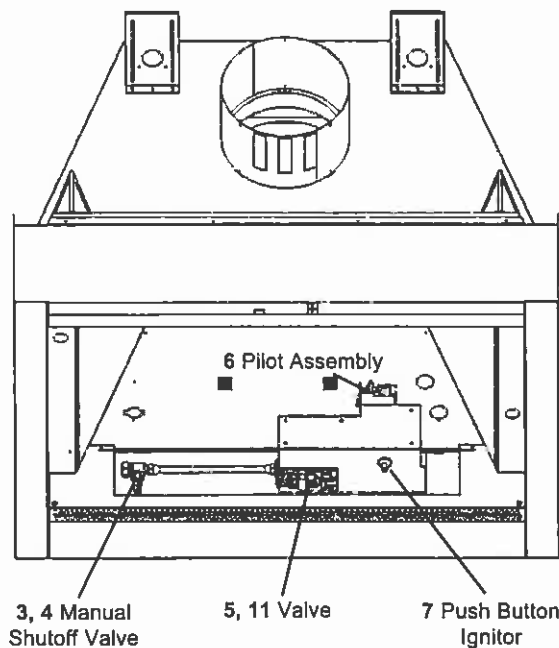
**WHAT TO DO IF YOU SMELL GAS:**

- 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 turn the manual shutoff valve. 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 the wall switch to the appliance to the OFF position.
2. Remove/open control access panel.
3. Turn manual shutoff valve 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 manual shutoff valve 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 appliance.
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 appliance 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.



**To Turn off the Gas to the Appliance**

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

The first name in fireplaces

## 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:

Any safety screen or guard removed for servicing an appliance must be replaced prior to operating this appliance.

Clothing or other flammable material should not be placed on or near the appliance.

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.

### BEFORE OPERATING THIS APPLIANCE, HAVE A QUALIFIED TECHNICIAN:

1. Review proper placement of logs, rock wool and vermiculite.
2. Check wiring.
3. Check air shutter adjustment.
4. Ensure there are no gas leaks.
5. Ensure the flow of combustion and ventilation air is not obstructed.

### WARNING!

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

### 1. STANDING PILOT OPERATION

Hearth Technologies Inc. recommends you leave the pilot on year round.

**Lighting the Appliance During Regular Use.** Turn the wall switch to "ON".

**Shutdown During Regular Use.** Turn the wall switch to "OFF".

**If you decide to shut down the appliance for a long period of time:**

- a. Turn all wall switches to "OFF".
- b. Turn pilot knob on valve to "OFF".
- c. Turn the manual shutoff valve to "CLOSED".
- d. To relight the pilot and appliance, see page 17.

### 2. ELECTRONIC IGNITION OPERATION

To shut down the appliance for a long period of time:

- a. Turn all wall switches to "OFF".
- b. Turn the manual shutoff valve to "CLOSED".
- c. To relight the appliance, see page 16.

**3. FUEL CONVERSION INSTRUCTIONS**

Do not burn wood or other material in this appliance. Natural or propane gas conversions necessary to meet the application need to be made by a qualified technician using Hearth Technologies Inc. specified and approved parts. In the event your appliance must be converted to natural gas or propane, refer to Table 4, page 11.

**4. OPERATING THE OUTSIDE AIR KIT**

The outside air kit is supplied as an optional feature with this appliance. The outside air kit helps decrease the amount of room air taken by utilizing outside air for combustion. It is strongly recommended that it be installed. To operate the outside air kit, before starting the appliance: Grasp the small, black handle located on the side of the appliance. See Figure 22. Lift the handle and pull towards the front. The outside air door should open. Place the handle in the slot on the bracket (so the outside air door remains open). When through burning the appliance, grasp the handle and push the outside air door closed.

**WARNING!**

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.

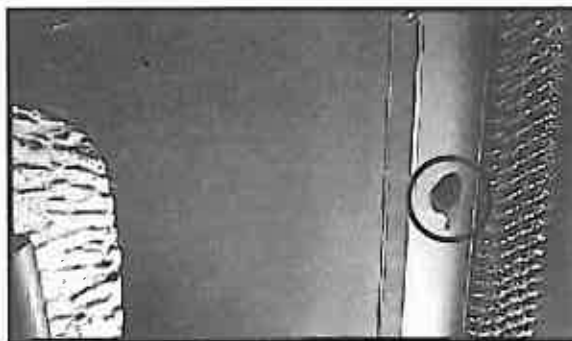


Figure 22 - Operating the Outside Air Kit

**L. START-UP ISSUES**

ISSUE	SOLUTIONS
1. Condensation on the glass.	1. This is a result of gas combustion and temperature variations. As the appliance warms, this condensation should disappear.
2. Blue flames.	2. This is a result of normal operation and the flames will begin to yellow as the appliance is allowed to burn.
3. Odor from appliance.	3. When first operated, this appliance 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.
4. Film on the glass.	4. This is a normal result of the curing process of the paint and logs. Glass should be cleaned within 4-6 hours of initial burning to remove deposits left by oils from the manufacturing process. A non-abrasive cleaner, such as Brasso may be necessary.

**WARNING!**

Never use gasoline, gasoline-type lantern fuel, kerosene, charcoal lighter fluid or similar liquids in this appliance. Keep any flammable liquids a safe distance from the appliance.

The first name in fireplaces

## M. 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 wall switch (or remote control) and manual shutoff valve before cleaning.

### 2. CHECKING THE VENT SYSTEM

Inspect the flame of the burner periodically, making sure the flames are steady, not lifting or floating. See Figure 26. The flame color should be blue with yellow tips. The ignitor (electronic) or thermopile and thermocouple (standing pilot) tips should be covered with flame. See Figures 23-25.

If the vent configuration is installed incorrectly, the vent may cause the flames inside the appliance to lift or "ghost", a dangerous situation. Inspect the flames after installation to ensure proper performance. See Figure 26. If the vent configuration is correct yet the

flames are lifting or ghosting, shut off gas to the appliance and contact the dealer.

To reduce the possibility of soot, we have equipped your appliance with an adjustable air shutter (there are two burners and two air shutters on the propane version). See Figure 27. Your air shutter is provided in the closed position for natural gas and in the open position for propane.

**Note:** The look of the flames and embers may differ based on the type of fuel and venting assembly that is required.

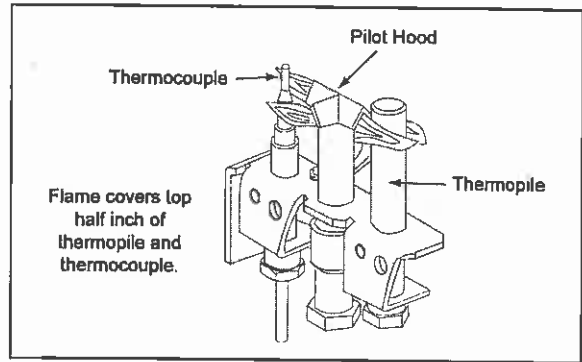


Figure 25 - Standing Pilot

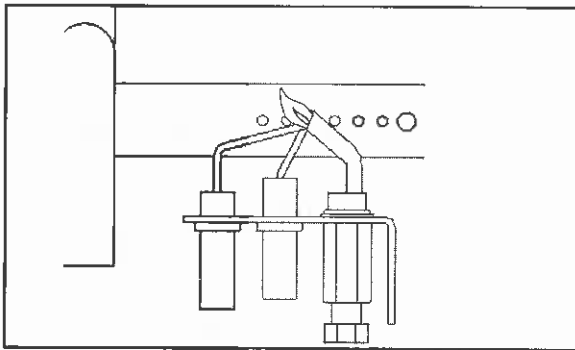


Figure 23 - Electronic Ignition



Figure 26 - Flame Patterns (60 Series shown)

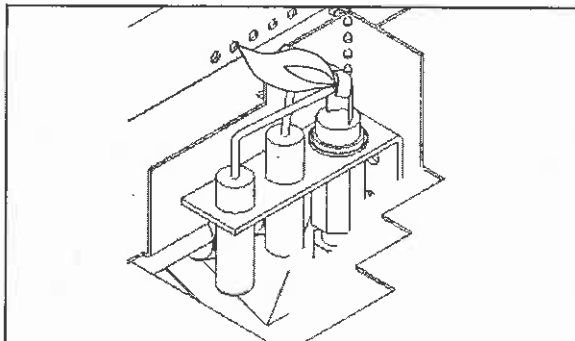


Figure 24 - Electronic Ignition

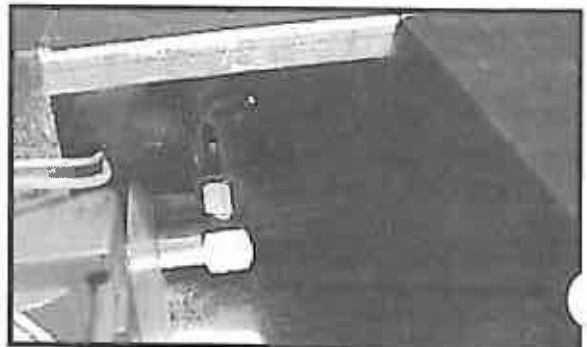


Figure 27 - Air Shutter

**3. PROPER OPERATION OF OPTIONAL GLASS DOORS**

If you have decided to install optional doors on your appliance, please note the correct way to operate them. While operating your appliance, you should either have the doors completely open or completely closed, but never partially open. See Figure 28.

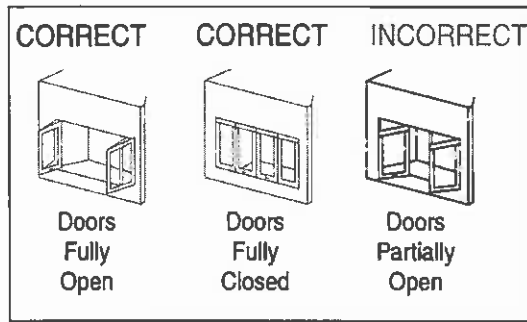


Figure 28 - Correct Operation of Doors

**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 appliance opening, creating risks of both fire and spillage.

**4. HIGH LIMIT SAFETY SWITCH**

A high limit switch has been installed on the appliance. This switch automatically turns off the appliance if it becomes too hot. If this happens, do not attempt to operate the appliance until it has been examined by a qualified service technician. For the high limit switch location, see Figures 29-31.

**Note to Qualified Service Technician:**

The electronic version of the Geneva requires that the limit switch be manually reset if it has shut the appliance off. This is done by first removing the hood to expose the high limit switch. See Figure 29. Push the red button in until you hear a click. The appliance should now be operable. Replace the hood.

**5. GLASS BREAKAGE/CLEANING**

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

**Note:** When cleaning the glass, NEVER use abrasive materials. NEVER clean glass when it is hot. Keep pets and children a safe distance away.

- a. Clean glass 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 panel with care to avoid striking or scratching it on hard objects.

- c. To clean the glass, 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 with only a Heatilator glass panel assembly ordered through your local distributor. Never use substitute material. Only fully tempered soda lime safety glass may be used on this appliance.



Figure 29 - Limit Switch Location



Figure 30 - Limit Switch Location



Figure 31 - Limit Switch Location

The first name in fireplaces

## **N. LOG REMOVAL/REPLACEMENT**

1. Remove/open the control access panel as shown in Figures 10 and 11 on page 11.
2. For removal of the grate/log assembly remove two screws (one per side) from the hearth pan. See Figure 32.
3. Lift up on the assembly to remove it from the appliance and set it aside, being careful not to damage any of the logs. See Figure 33.
4. Reverse the order to reinstall the logs.

**Note:** Be sure to place the burner tube onto the burner orifice as shown in Figure 27, page 18.



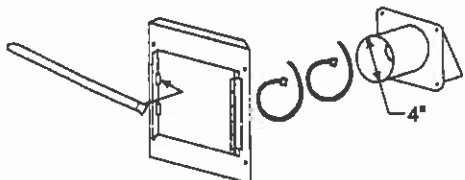
**Figure 32**  
Unscrewing the Log/Grate Assembly  
from the Hearth Pan



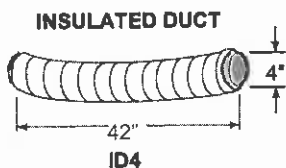
**Figure 33**  
Log/Grate Assembly Removal



**O. OPTIONAL COMPONENTS**

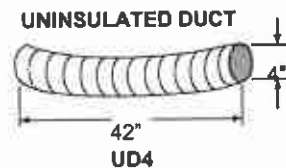


**AK14 - Air Kit**



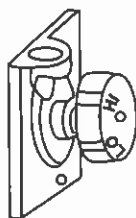
**INSULATED DUCT**

**ID4**



**UNINSULATED DUCT**

**UD4**

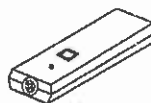


**MF1**

**Adjustable Flame Head  
(Natural Gas Standing Pilot)**

**MF2**

**Adjustable Flame Head  
(Propane Gas Standing Pilot)**



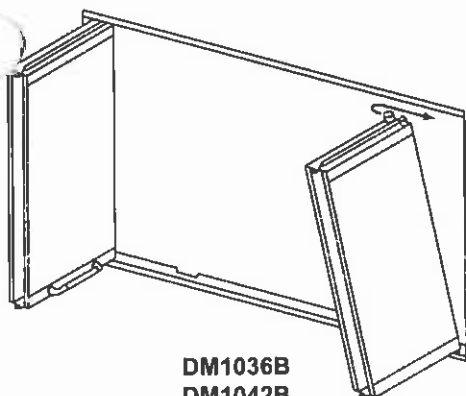
**RC-SMART-HTL  
Remote Control**

**RCT-MLT-HLT  
Multifunctional Remote**

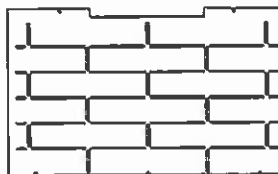
**RC-BATT-HTL  
Battery Operated Remote Control  
(Standing Pilot)**

**SMART-STAT-HTL  
Remote control with Thermostat Control**

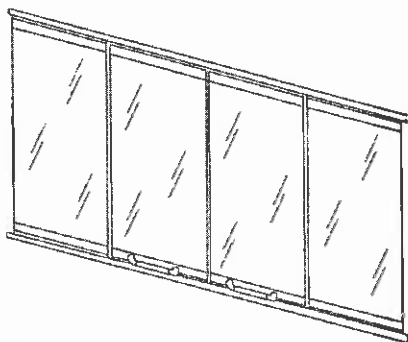
**SMART-BATT-HTL  
Battery-operated Remote Control  
with Thermostat Control**



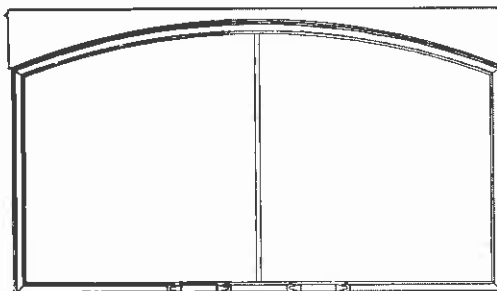
**DM1036B  
DM1042B  
Bifold Doors**



**RGA60 (36")  
RGA80(42")  
Refractory**



**DF361B  
DF421B  
Fixed Glass Doors**



**DMA1036B  
DMA1042B  
Arched Door**

*The first name in fireplaces*

## P. REPLACEMENT PARTS

Replacement parts are available from your distributor/dealer.

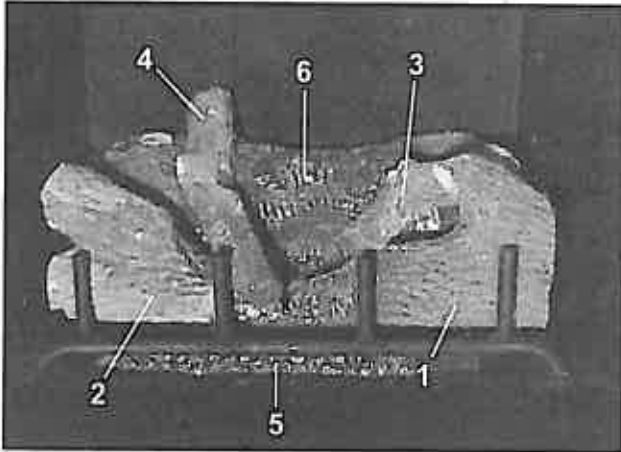


Figure A - Log/Grate Assembly

ITEM	PART #	DESCRIPTION	QTY.
Fig. A	32920	Log/Grate Assembly (60)	1
	32950	Log/Grate Assembly (80)	1
1	32657	Bottom Right Log (60)	1
	32951	Bottom Right Log (80)	1
2	32653	Bottom Left Log (60)	1
	33238	Bottom Left Log (80)	1
3	32656	Top Right Log	1
4	32654	Top Left Log	1
5	32913	Hearth Log	1
6	32655	Back Log (60)	1
	33228	Back Log (80)	1
7	Fire 98	Fire Glow	1
8	14333	Rock Wool	1
9	28746	Vermiculite	1
10	28911	Lava Rock	1

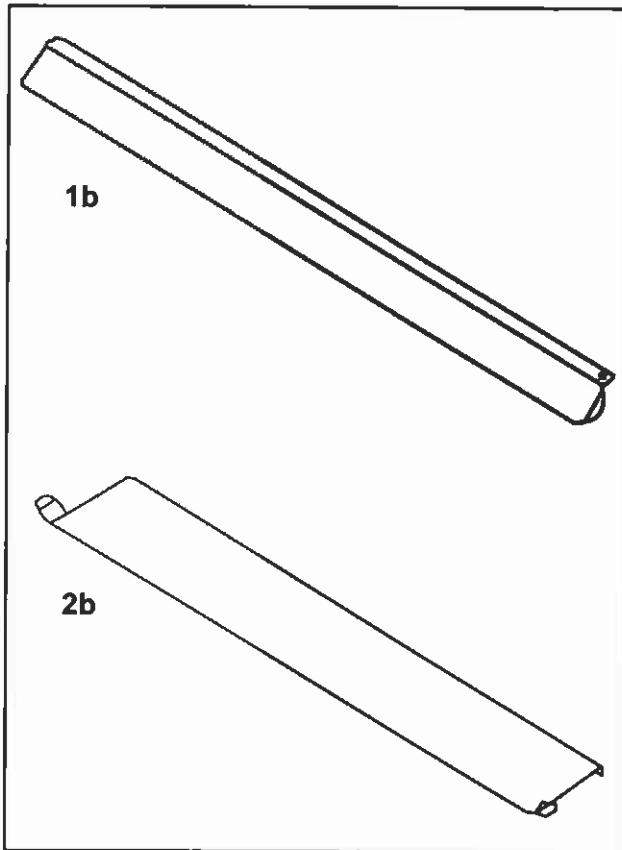


Figure B - Panels, etc.

ITEM	PART #	DESCRIPTION	QTY.
Fig. B		Panels, etc.	
1b	32736	Hood (60)	1
	32520	Hood (80)	1
2b	32446	Control Access Panel (60)	1
	32454	Control Access Panel (80)	1

Visit our Website at [www.heatilator.com](http://www.heatilator.com) for a dealer, distributor near you!

---

## Homeowner's Notes

*The first name in fireplaces*

## Homeowner's Notes

*The first name in fireplaces*

# Index

## A

Access Panel Removal 11  
 Air Kit 11, 19  
 Air Shutter 20  
 Appliance Locations 6

## B

BTU's 12  
 Building Codes 4  
 Building Supplies 5

## C

Carpeting 8  
 Certification 4  
 Chase Installation 10  
 Cleaning the Burner and Control  
 Compartment 20  
 Clearances 2, 5, 6, 7, 8  
 Codes  
   Building 4  
   Electric 13  
   Gas 4  
 Conversion Kits 12

## D

Dimensions 6

## E

Electric Codes 13  
 Electronic Ignition 13, 20  
   Operation 18

## F

Finishing 14  
 Finishing Material 14  
 Fire Glow 14, 15  
 Firestop Spacer 9  
 Flame Patterns 20  
 Framing 7  
 Fuel Conversion 12, 19

## G

Gas Codes 4  
 Gas Conversion 12, 19  
 Gas Line Connection 11  
 Gas Pressure 12  
 Glass Breakage/Cleaning 21  
 Glass Doors 21

## H

High Altitude Installation 11  
 High Limit Safety Switch 21

## I

Ignition  
   Determine the type 16

## J

Junction Box  
   Installation 12

## L

Lava Rock 14, 15  
 Lighting Instructions 16, 17  
 Limit Switch Location 21  
 Local Codes 4  
 Locations 6  
 Log Set 14, 15, 22

## M

Maintenance 20  
 Mantel Heights 7

## N

Nailing Flanges 8  
 Nomenclature 4

## O

Optional Components 23  
 Outside Air Kit 11, 19

## R

Refractory 23  
 Replacement Parts 24  
 Required Room Volume 6  
 Rock Wool 14, 15

## S

Safety Precautions 2  
 Sealant Material 14  
 Seasonal Checklist 18  
 Setting the Appliance 8  
 Soot 20  
 Space Requirements 6  
 Standing Pilot Ignition 13, 20  
   Operation 18

## T

Termination Installation 10

## U

Utilities 11

## V

Vent Installation 9  
 Vent Lengths 8  
 Venting 2, 9  
   Checking the System 10, 20  
   No elbows 9  
 Vermiculite 14, 15

## W

Water 2  
 Wiring Diagram 13

*The first name in fireplaces*

# heatilator®

*The first name in fireplaces*

## Gas Appliance (Fireplace) Limited Lifetime Warranty

HEARTH TECHNOLOGIES INC. ("HTI") extends the following warranty for HEATILATOR® gas appliances installed in the United States of America or Canada (the "Appliance"). Dealers and employees of HTI have no authority to make any warranty or authorize any remedies in addition to or inconsistent with the terms of this warranty.

### Limited Lifetime Warranty.

HTI warrants the Appliance for component failure due to a manufacturing defect of any of the following components: 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 nontransferable.

### 1 Year Limited Warranty.

HTI warrants the Appliance to be free from failure of any of the following components for a period of one year after installation: 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 Appliance is found to be defective in either material or workmanship within one year of the date of original installation, HTI will provide replacement parts at no charge and pay reasonable labor and freight costs, and is for the period of one year following the date of original installation of the Appliance.

### Conditions, Exclusions, & Limitations of Liability.

- A. Both the Limited Lifetime and 1 Year Limited Warranties supplied by HTI apply only while the Appliance is in its location of original installation. HTI'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 HTI; and/or (7) modification of the Appliance not expressly authorized and approved by HTI in writing. This warranty is limited to only the component parts manufactured or supplied by HTI.
- B. HTI's liability under both the Limited Lifetime Warranty and the 1 Year Limited Warranty is limited to the replacement and repair of defective components or workmanship during the applicable period. HTI may fully discharge all of its obligations under such warranties by repairing the defective component(s) or at HTI's discretion, providing replacement parts at no charge and paying reasonable labor and freight costs.
- C. **EXCEPT TO THE EXTENT PROVIDED BY LAW, HTI 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.**
- D. Some states do not allow exclusions or limitations of incidental or consequential damages, so those limitations may not apply to you. This warranty gives you specific rights; you may also have other rights which vary from state to state.

### How to Obtain Service.

To obtain service under this warranty you must:

1. Send written notice of the claimed condition to Heatilator Technical Service Department, Hearth Technologies Inc., 1915 W. Saunders Street, Mt. Pleasant, Iowa 52641-1563. You may also register your claim online at [www.heatilator.com/contact.asp](http://www.heatilator.com/contact.asp).
2. Provide proof of purchase, model number, serial number, and manufacturing date code to HTI.
3. Provide HTI 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 HTI'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, call 1-800-843-2848.

©2001 Heatilator® is a Registered Trademark of Hearth Technologies Inc.