

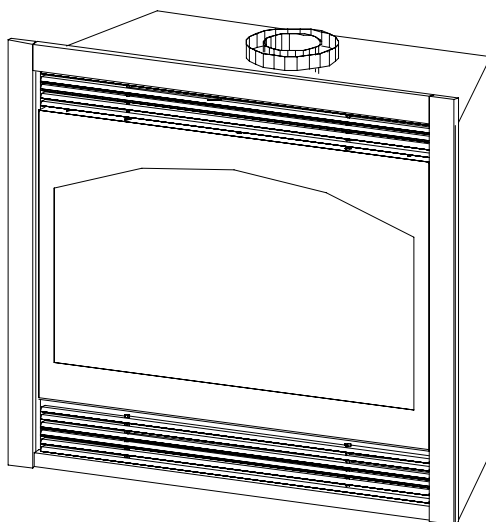


INSTALLATION & OPERATING MANUAL

MODELS:

#932 DIRECT VENT WALL-FURNACE

#936 DIRECT VENT WALL- FURNACE



U.S. Patents:

#5.931.154

#6.004.493

IMPORTANT:

READ INSTRUCTIONS CAREFULLY BEFORE INSTALLATION. FAILURE TO INSTALL THIS FIREPLACE CORRECTLY CAN CAUSE SERIOUS STRUCTURAL AND FIRE HAZARDS AND MAY VOID YOUR WARRANTY.



We recommend that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists.

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IMPORTANT:

READ THIS MANUAL BEFORE INSTALLING AND USING THIS FIREPLACE

MODELS #932 DV & #936 DV WALL FURNACE INSTALLATION INSTRUCTIONS

This appliance has been tested to and complies with ANSI Z21.88-2002•CSA 2.33-M02, "VENTED GAS FIREPLACE HEATER". Installation must conform with local building codes, or, in the absence of local building codes, with the national fuel gas code, ANSI Z223.1, NFPA 54 - current edition, or the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3288.

The appliance may be installed in an aftermarket permanently located, manufactured (mobile) home, where not prohibited by local codes. This appliance is for use only with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases, unless a certified kit is used. An LP Gas conversion kit is included with this fireplace.

INSTALLATION AND/OR REPAIR OF THIS UNIT SHOULD ONLY BE DONE BY A QUALIFIED INSTALLER.

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.

COMMONWEALTH OF MASSACHUSETTS INSTALLATIONS:

WARNING: This Product Must Be Installed By A Licensed Plumber or Gas Fitter When Installed Within The Commonwealth of Massachusetts.

IMPORTANT: Installation of the CO detector is required in the fireplace room.

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.

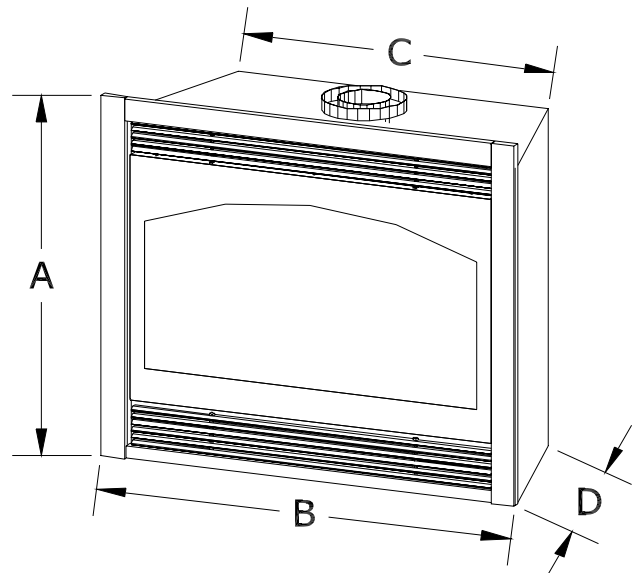
WARNING: Do not use this heater if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

WARNING: DO NOT REPLACE THIS BURNER UNIT WITH ANY OTHER SIZED BURNER. REPLACEMENT WITH AN UNAUTHORIZED BURNER CAN RESULT IN TEMPERATURES EXCEEDING THE LIMITS FOR THIS UNIT, AND VOID YOUR WARRANTY.

UNIT SPECIFICATIONS -	#932DV	#936DV
Height (A):	25"	32"
Front width (B):	32"	36"
Back width (C):	22"	26"
Depth (D):	18 1/4"	18 1/4"
Face to front of 7" intake:	7 3/4"	7 3/4"
Face to center of 4" exhaust:	11 1/4"	11 1/4"
Flue size: 4" exhaust, 7" intake		

FOR YOUR SAFETY: WHAT TO DO IF YOU SMELL GAS:

- Do not touch any electrical switches.
- Do not try to light any appliance.
- Do not use the phone in your building.
- Immediately call you gas supplier from a neighbor's phone.
- Follow the gas suppliers instructions.
- If you cannot reach your gas supplier, call the fire department.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.



IMPORTANT: THESE MODELS ARE APPROVED FOR USE ONLY WITH ONE OF THE FOLLOWING DIRECT VENT SYSTEMS :

- #745 DIRECT VENT TERMINATION KIT - for terminations 4' for less.

- #718 DIRECT VENT TERMINATION KIT - for terminations greater than 4' but less than 8'.

- #746 DIRECT VENT EXTENSION KIT** - used in conjunction with #745 or #718. The extension kit is expandable to 6'.

-SIMPSON DURA-VENT DV-GS DIRECT VENT CHIMNEY SYSTEM: 4" x 6 5/8". For vertical terminations.

***Adaptor #923-C is required to adapt the flue collars to the Dura-Vent chimney system.**

Refer to pages #6 - #10 for complete venting installation instructions / requirements.

For visual inspection of proper vent connection; upon completion of installing the direct vent kit, remove the nuts and the baffle inside the unit to expose the lower end of the flue gas exit. Re-install baffle upon inspection and secure with nuts - DO NOT OVERTIGHTEN THE NUTS!

IMPORTANT: NON-COMBUSTIBLE FACING MATERIAL MAY BE APPLIED OVER THE FACE. TO PREVENT THE FACING MATERIAL FROM CRACKING AND FALLING OFF DUE TO EXPANSION OF THE FACE WHEN HEATED, DO NOT ATTACH FACING MATERIAL DIRECTLY TO THE FACE OF THE UNIT.

CLEARANCES

Minimum clearance to combustibles:

From unit sides & back:	0"
From unit top stand-off:	0"
To flooring:	0"
From flue vent:	1"
From unit glazing to adjacent sidewall:	8"
From heat outlet to mantle:	See Figure 1.

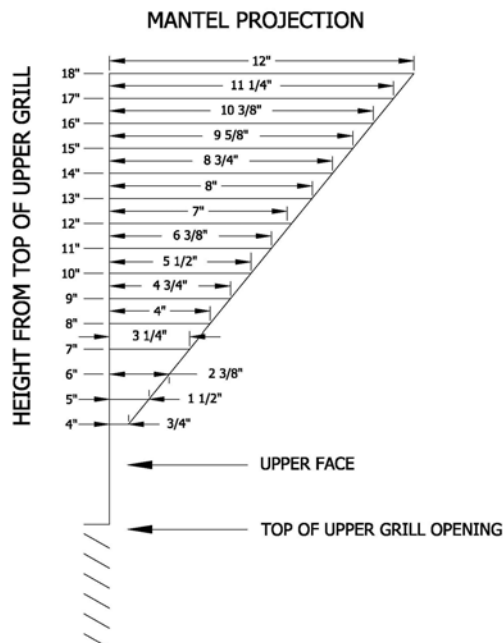


Figure 1

GAS CONVERSIONS

This fireplace is manufactured for use with Natural Gas. An LP Gas conversion kit is included with this fireplace. Follow instructions included with the conversion kit.

Natural Gas Conversion Kits - used to convert an LP millivolt board to natural gas.

Model #932 - #OCK-H38N

Model #936 - #OCK-H31N

LP Gas Conversion Kits - used to convert a Natural Gas millivolt board to LP Gas.

Model #932 - #OCK-H53L

Model #936 - #OCK-H51L

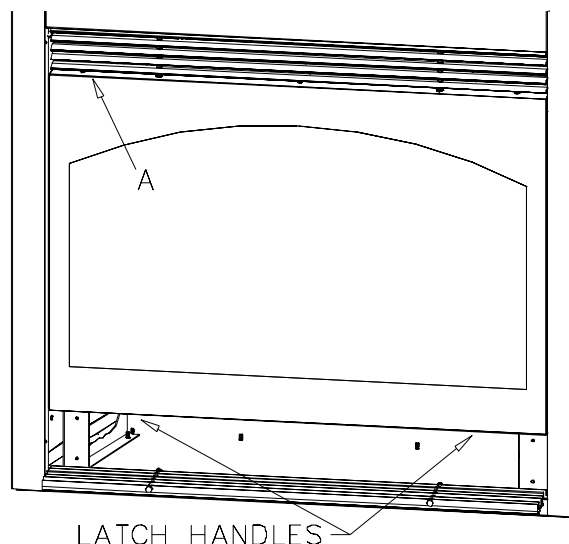
The conversion shall be carried out in accordance with the requirements of the provincial authorities having jurisdiction and in accordance with the requirements of the ANSI Z223.1 installation code.

A) PREPARE THE FIREPLACE

1. REMOVE THE GLASS ASSEMBLY. See Figure 2.

- A. Locate the spring-loaded latch handles securing the glass assembly (under the firebox).
- B. Pull the handles out, then down to release the glass assembly.
- C. Pull the bottom of the glass assembly out and lift up off the tabs (at the top).
- D. Set aside where it will not be broken.
- E. Remove the log package from the firebox and set aside.

Figure 2



B) DETERMINE LOCATION. See Figures 3A & 3B.

1. Determine the exact position of your fireplace. If possible, place the fireplace in such a manner that the venting will be placed between two studs so additional framing is not necessary. Determine the width, depth and height of the (optional) hearth.
2. This fireplace may be installed on either the outside or inside of an exterior wall. See Figures 3A & 3B, page #4 for various installation options.

The location of doors, windows, soffits/overhangs, etc. must be considered in relation to where the vent termination cap will be located. Refer to Figure 8, page #8.

All clearances to combustible requirements must be maintained. Follow clearance requirements on page #2.
3. If the optional heat ducts are used, their location must be considered in relation to the fireplace.

The heat ducts may be vented into the same room as the fireplace or may be vented to other rooms. A maximum run of 20 ft. for each duct is recommended.

Venting should be completed before framing the unit it.

Refer to instructions included in the #970 duct kit for complete installation requirements.
4. If using the optional fan kit, 115V wiring should be run to the lower left of the fireplace by a qualified technician. A removable electrical access panel with romex connector is located on the left side of the fireplace. The wiring should be run prior to enclosing the sides of the unit.

CAUTION: COLD AIR TRANSFER AREA. THE SURROUNDING WOOD CHASE OF THE OUTSIDE WALL MUST BE INSULATED TO PREVENT COLD AIR FROM ENTERING THE ROOM.

NOTE: Due to high temperatures, this unit should be located out of traffic areas and away from furniture and draperies.

Figure 3A

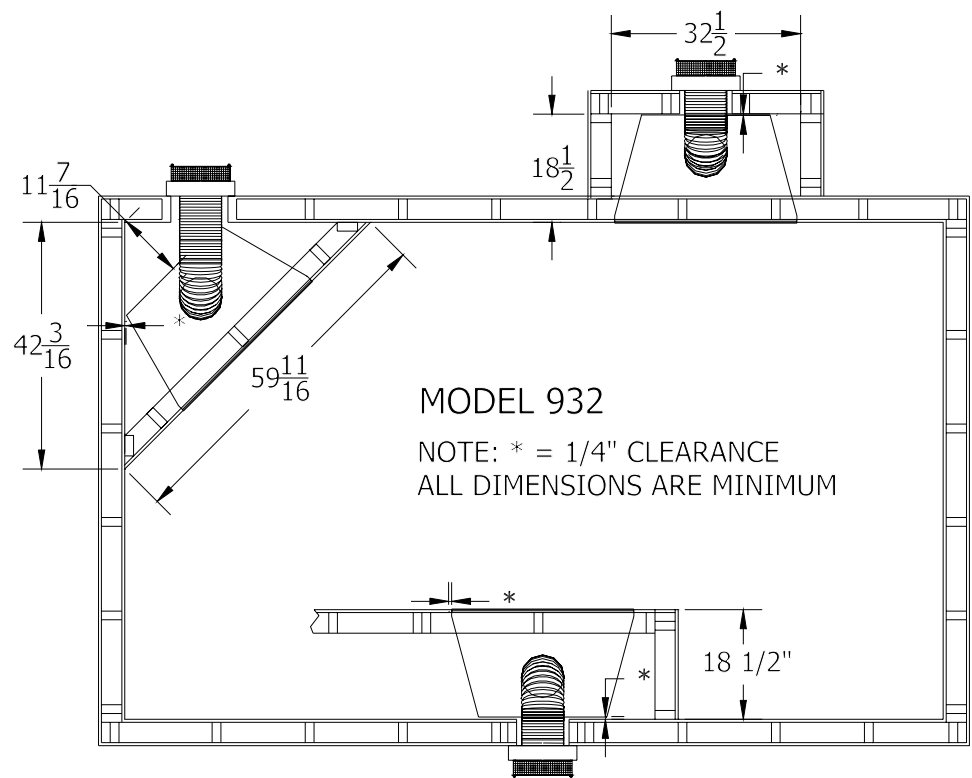
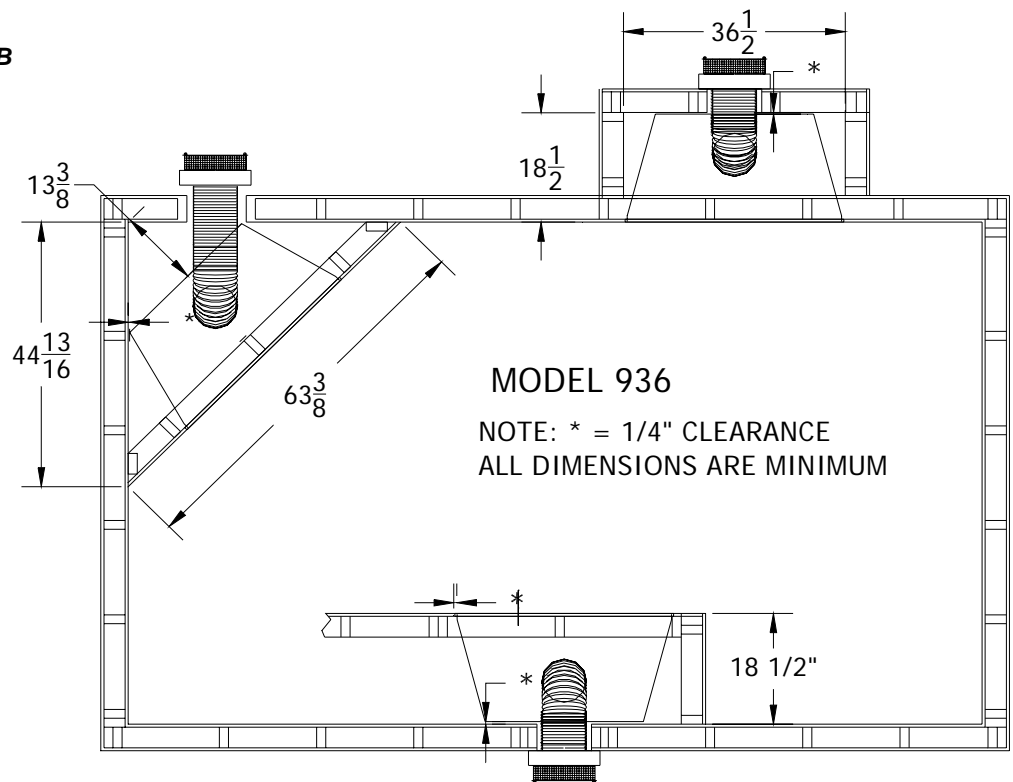


Figure 3B



5. Cut a hole for the firestop, 9 1/2" x 9 1/2".

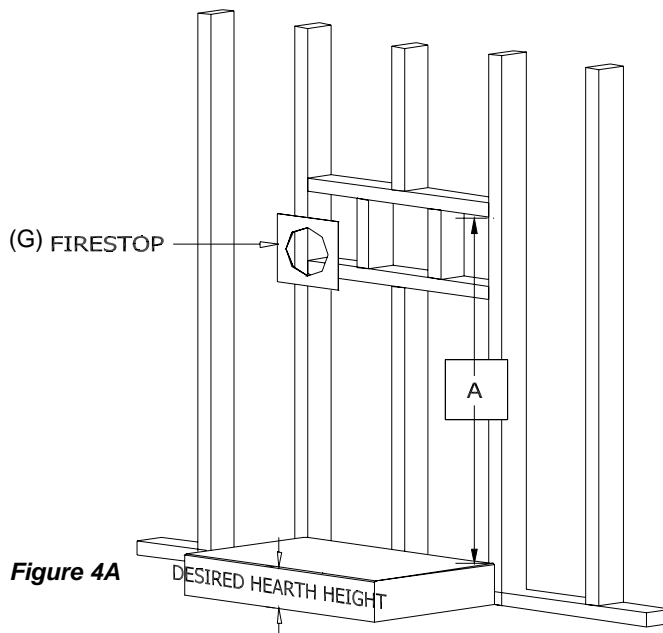
The top of this hole must be a minimum of:

- 42 1/2" * (A) - Model #932 DV
- 49 1/2" * (A) - Model #936 DV

above the height of the hearth (optional).

See Figure 4A.

***Important:** This measurement is determined by the vertical height and horizontal length of the venting application desired. The measurement is to the top of the pipe. Please refer to pages #6 - #10 of this installation manual for requirements and restrictions.



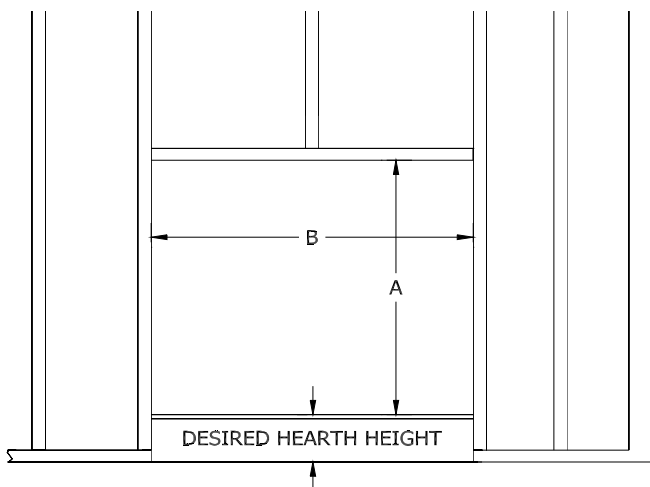
6. Rough in the wall enclosure. The minimum rough opening dimensions are:

Model #932 DV: 25 1/4" high (A)
32 1/2" wide (B)
18 1/2" deep

Model #936 DV: 32 1/4" high (A)
36 1/2" wide (B)
18 1/2" deep

Build the hearth to the desired size, and height. See Figure 4B.

Figure 4B



NOTE: When the fireplace is installed directly on carpeting, tile, or other combustible materials other than wood flooring, it must be installed on a metal or wood panel extending the full width and depth of the unit. The minimum for the support platform under the unit is: **Model #932 DV:** 18 1/4" deep by 32" wide **Model #936 DV:** 18 1/4" deep by 36" wide. If masonry is to be used (optional), prepare the necessary foundation for the masonry load. When masonry construction is being used, a lintel must be used over the top of the unit to support the added weight.

NOTE: A non-combustible hearth extension is not required. If a hearth extension is desired, combustible materials may be used.

NOTE: Provide for a minimum of 6" of clearance in front of the lower grill. This will provide adequate space to open the lower grill and operate the controls.

Do not obstruct the upper and lower grill areas to allow proper ventilation air around the fireplace. Air enters the unit at the lower grill, and exits at the upper grill. Blocking these passages may result in overheating the fireplace creating a potentially hazardous situation.

7. Place the fireplace into position.

C) VENTING REQUIREMENTS

IMPORTANT: MODELS #932 DV & #936 DV ARE APPROVED FOR USE ONLY WITH THE FOLLOWING DIRECT VENT SYSTEMS:

HORIZONTAL TERMINATIONS

#700 SERIES DIRECT VENT TERMINATION KITS:

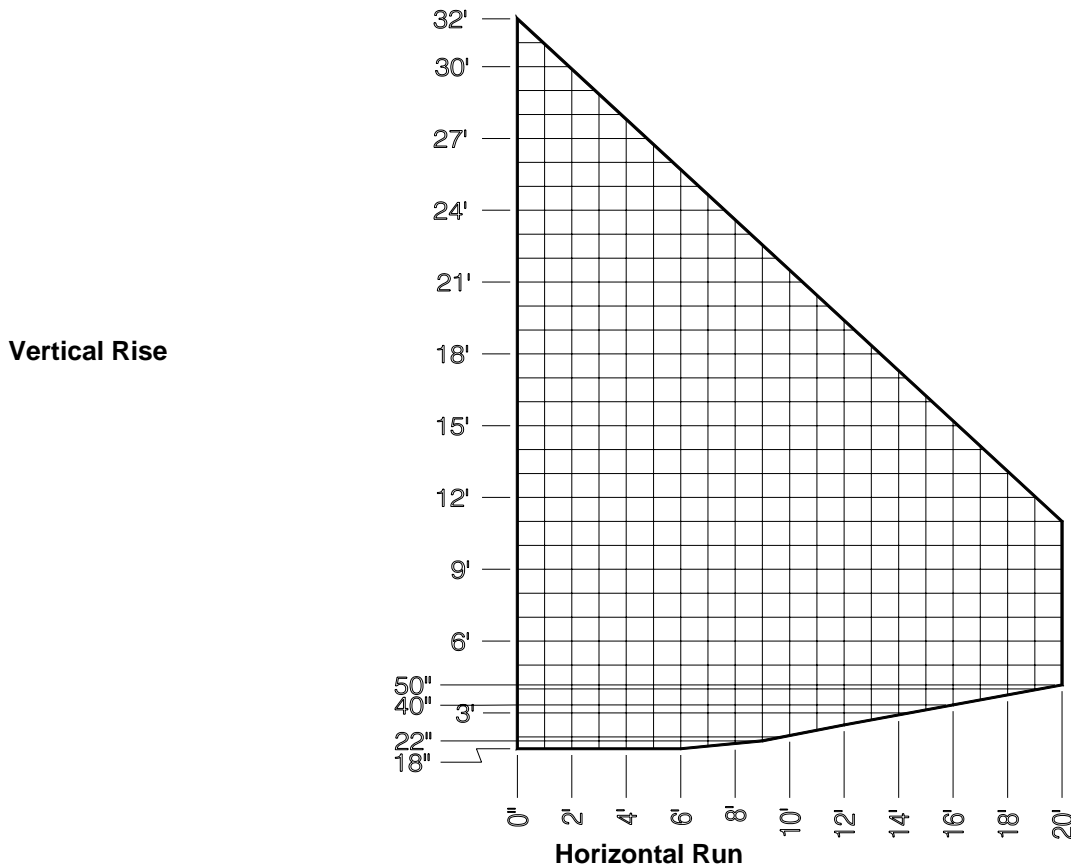
- **#745 KOZY HEAT DIRECT VENT KIT** - For terminations of 4' or less.
- **#718 KOZY HEAT DIRECT VENT KIT** - For terminations greater than 4' but less than 8'.
- **#746 KOZY HEAT DIRECT VENT EXTENSION KIT** - Used to extend the #745 or #718 kit an additional 6'. Used for horizontal terminations.

VERTICAL TERMINATIONS

-SIMPSON DURA-VENT DV-GS DIRECT VENT CHIMNEY SYSTEM (4" x 6 5/8").

- Used for vertical terminations only.
- Adaptor #923-C is required to adapt the flue collars on the unit to the Dura-Vent chimney system.
- Vent runs must be in compliance as outlined below.
- 45° elbows only - **Follow installation instructions included with the #923-C adaptor & chimney system.**

FIGURE 5 - HORIZONTAL & VERTICAL VENTING CHART



RESTRICTOR INSTALLATION

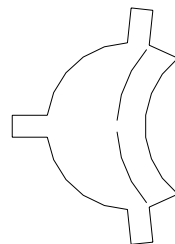
The restrictor plate included in the fireplace components packet can be installed as either a large or small restrictor, depending on your specific venting configuration.

There are several factors which can affect proper draft of the vent system and the burner operation of a fireplace. Installing a restrictor may be necessary to resolve the problem, even though it may not be required under 'normal conditions'.

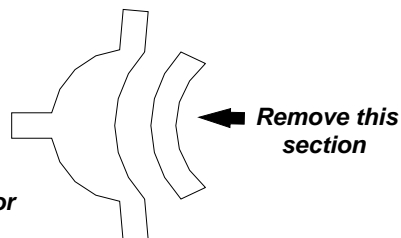
IMPORTANT: DO NOT INSTALL IF THE VENTING CONFIGURATION IS AT THE MINIMUM REQUIREMENTS!

The restrictor included is sized as the 'large' restrictor, Figure 6A. To reduce the size to the small restrictor, simply bend the section without the tabs off at the perforation and discard, Figure 6B.

**Figure 6A
Large Restrictor**



**Figure 6B
Small Restrictor**



To install the restrictor, refer to Figures 7A & 7B and bend the tabs 'up' far enough (approximately 80-degrees) so that when positioned into the exhaust pipe, will create tension to hold itself in place. Do not over bend the tabs! Slide the restrictor into the exhaust pipe with the tabs pointing toward you. Access to the exhaust pipe can be gained by removing the nuts securing the exhaust baffle inside the firebox at the top.

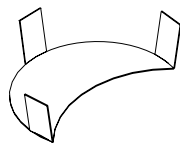


Figure 7A

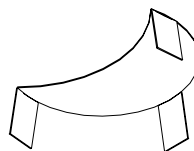


Figure 7B

Install with the tabs pointing *toward* you.

IMPORTANT: REPLACE THE EXHAUST BAFFLE AFTER RESTRICTOR INSTALLATION IS COMPLETE. DO NOT OVER TIGHTEN THE NUTS!

TERMINATION VENT CAP LOCATION

This gas appliance must not be connected to a chimney flue serving another type of appliance.

GENERAL:

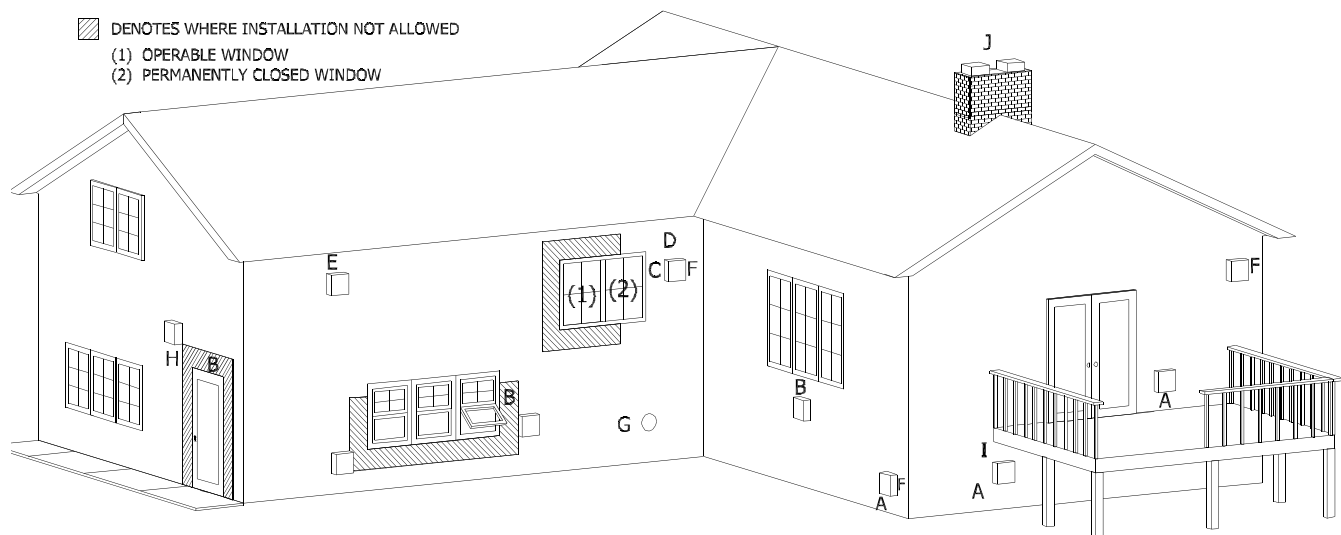
1. Terminations against vinyl siding must use a vinyl siding protector. Follow instructions included.
2. **DO NOT RECESS TERMINATION KIT INTO OUTSIDE BUILDING MATERIALS** - i.e.: brick, stone, etc.. If necessary, extend framing so that termination kit will be exposed once building materials are installed.
3. Vent termination must not be located where it will become plugged by snow or other material. The flow of combustion and ventilation air must be not obstructed.

LOCATION CLEARANCES:

- Above grade, veranda, porch, deck, balcony - 12". (A)
 - Operable window - 12". (B)
 - Permanently closed window - 12" (recommended to prevent condensation on window. (C)
 - Ventilated soffit - 24". (D)
 - Unventilated soffit - 12". (E)
 - Outside / inside corner - 12". (F)
 - Meter / Regulator: Not to be installed above within 3 ft. horizontally from the center line of the regulator.
 - Service regulator vent outlet - 3 ft. radius
 - Non-mechanical air supply inlet to building - 12".
 - Combustion air inlet to any other appliance - 12".
 - Mechanical air supply inlet - (G) CANADA: 6 ft. US: 3 ft. above if within 10 ft. horizontally.
Note: MASSACHUSETTS INSTALLATIONS: 10 ft.
 - Above furnace exhaust or inlet - 12".
 - Above paved side-walk or paved driveway located on public property - 7 ft. * (H)
- NOTE: A vent cannot be located directly above a sidewalk or paved driveway that is located between two single family dwellings and serves both dwellings.
- Under veranda, porch, deck, or balcony (must be fully opened on a min. of 2 sides) - 12". (I)
 - Between two horizontal terminations - 12".
 - Between two vertical terminations - 12". (J) - Note: May be the same height.

* Clearance must be in accordance with local installation codes and the requirements of the gas supplier.

Figure 8



HORIZONTAL VENTING REQUIREMENTS

MINIMUM VERTICAL RISE* FROM TOP OF UNIT: 18 IN. (to top of 7" pipe)

MINIMUM HORIZONTAL RUN: 6 IN.

MAXIMUM HORIZONTAL RUN: 20 FT. (Horizontal runs must maintain 1/4" rise per ft.)

TOTAL HORIZONTAL & VERTICAL RUN MUST NOT EXCEED 32 FT.

*Minimum vertical rise directly off the top of the unit is determined by the length of the horizontal run. Refer to the venting diagram on page #6.

ELBOWS: For each additional elbow used after the first elbow, you must subtract 5 ft. from the maximum horizontal run allowed.

For example: A vertical rise of 18" directly off the top of the unit with a 90° elbow would be allowed to run 6' with 1/4" rise per ft.. If an additional elbow is used within this vent run, the maximum horizontal run allowed would be 1' with 1/4" rise per ft.. (6 ft - 5 ft. (for additional elbow) = 1 ft.)

VERTICAL VENTING REQUIREMENTS

NOTE: MINIMUM VERTICAL RISE FROM TOP OF UNIT: 18 IN. (to top of 7" pipe)

MAXIMUM VERTICAL RISE FROM TOP OF UNIT: 32 FT.

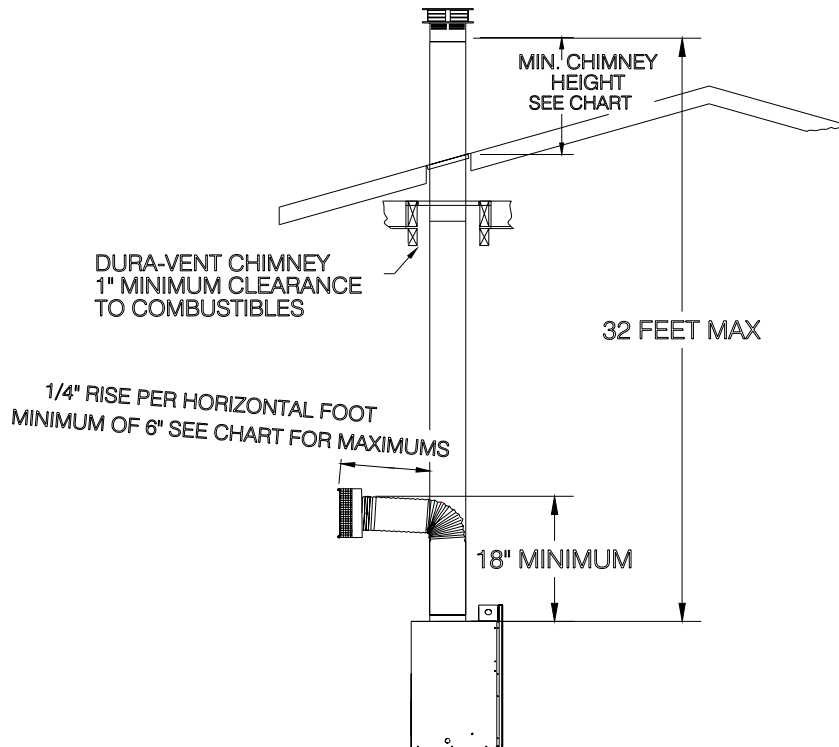
ELBOWS: 45° only (Dura-Vent chimney systems)

MINIMUM CLEARANCE TO COMBUSTIBLES: 1"

WHEN VERTICALLY TERMINATING, THE MINIMUM CHIMNEY HEIGHT ABOVE THE ROOFLINE IS DETERMINED BY THE FOLLOWING CHART:

<u>Roof Pitch</u>	<u>Minimum Chimney Height</u>	<u>Roof Pitch</u>	<u>Minimum Chimney Height</u>
Flat to 6/12	1 ft.	13/12 to 16/12	6 ft.
6/12 to 9/12	2 ft.	17/12 to 21/12	8 ft
10/12 to 12/12	4 ft.		

Figure 9



INSTALLATION OF THE #700 SERIES HORIZONTAL DIRECT VENT TERMINATION KIT(S).

NOTE: #700 Series vent kits must be supported every 3 ft. to maintain proper rise.

The flex pipe is permanently attached to the exterior wall plate. Do not attach the #745 or #718 termination kit to the fireplace (or extension kit) until it has passed through the wall. The termination plates should all be installed on the exterior of the outside wall.

1. If your chimney termination is 8' or less from the stove top and doesn't require an extension kit, proceed to step #7.
2. If your chimney termination will require one or more extension kits (part #746), proceed with the following steps. Each #746 extension kit contains enough 4" & 7" flexible aluminum pipe to extend the chimney an additional 6'.
3. Gently stretch the 4" & 7" flexible aluminum pipes on the termination kit (#745 or #718) and on each extension kit, if used, the length required so when all the sections are connected together, the vent system length for your venting configuration is attained.
4. Using your extension kit pieces, place a bead of sealant outside the 4" flex pipe collar (C) - the end without the lip - and slide it inside the 4" pipe on top of the fireplace (D). Secure with 3 evenly spaced screws.

NOTE: This connection is very difficult to remove without damaging the collars once installed.

5. Place a bead of sealant outside the 7" flex pipe collar (E) - the end without the lip - and slide it inside the 7" pipe on top of the fireplace (F). Secure with 3 evenly placed screws.
6. If additional extension kits are used, repeat steps #4 and #5, placing the 4" & 7" pipes onto the previous extension kit.

Referring to Figure 10:

7. Apply a liberal bead of exterior sealant around the outer edge of the termination kit box (A), and, from the outside, place the exterior wall assembly through the 9 1/2" square hole. Place screws through the four holes (B) securing it in place.

NOTE: Attachment brackets are included with the termination kit. These optional brackets should be screwed, or nailed (screws not provided) onto the top and bottom of the 9 1/2" square hole, on the exterior of the house. The termination plates then fit in between these brackets, and using the screws provided, screw the brackets to the termination kit box (A). Attach the vinyl siding protector.

- 7a. **OPTIONAL:** Place insulation between the 7" pipe and the wall studs.

- 7b. The flexible termination kit includes an interior firestop assembly (G) shown on Figure 4A, page #5, which is installed on the inside wall (over wall materials), around the flexible pipe. Slide the firestop over the flex pipe with the spacer legs toward the wall.

OPTIONAL: Apply a liberal bead of sealant around the outside / wall side edge and place over the 9 1/2" square opening.

- 7c. Secure each corner with a drywall screw.
8. Gently pull the 4" & 7" flexible aluminum down to the top of the extension kit, or the top of the unit if no extension kits were used.
9. Place a bead of sealant outside the 4" flex pipe collar (C) and slide it inside the 4" pipe on top of the fireplace (D). Secure with 3 evenly spaced screws.

NOTE: This connection is very difficult to remove without damaging the collars once installed.

10. Place a bead of sealant outside the 7" flex pipe collar (E) and slide it inside the 7" pipe on top of the fireplace (F). Secure with 3 evenly spaced screws.

Note: The 18" minimum vertical rise measurement is to the top of the 7" pipe.

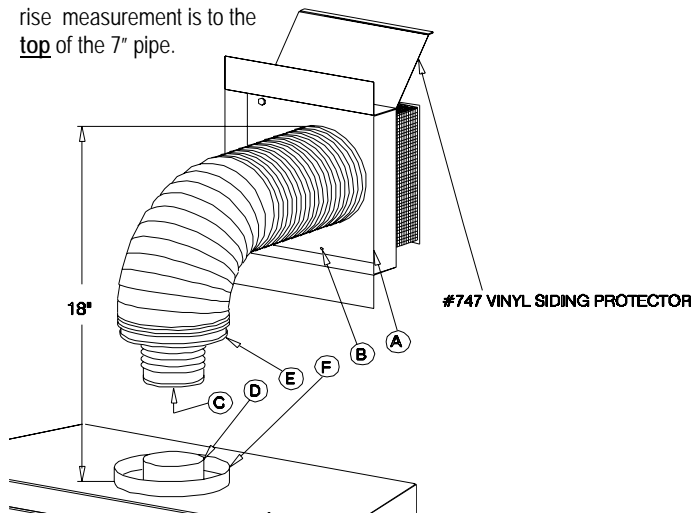


Figure 10

D) FAN INSTALLATION

INSTALLATION OF THIS FAN SHOULD BE DONE ONLY BY A QUALIFIED INSTALLER.

IMPORTANT: THE FAN IS EASIEST TO INSTALL BEFORE THE MILLIVOLT BOARD IS CONNECTED TO THE GAS LINE.

IMPORTANT: IF THE LOWER GRILL HAS BEEN INSTALLED, IT MUST BE REMOVED TO PROPERLY INSTALL THIS FAN.

NOTE: The fan wiring must be done prior to enclosing the sides of the fireplace. An electrical box & romex connector are pre-installed on a removable panel on the left side of the fireplace. A receptacle speed control assembly and (3) wire nuts are included in the fireplace components packet.

This optional fan kit #932-028 (Model #932 DV) or #600-1* (Model #936 DV) includes:

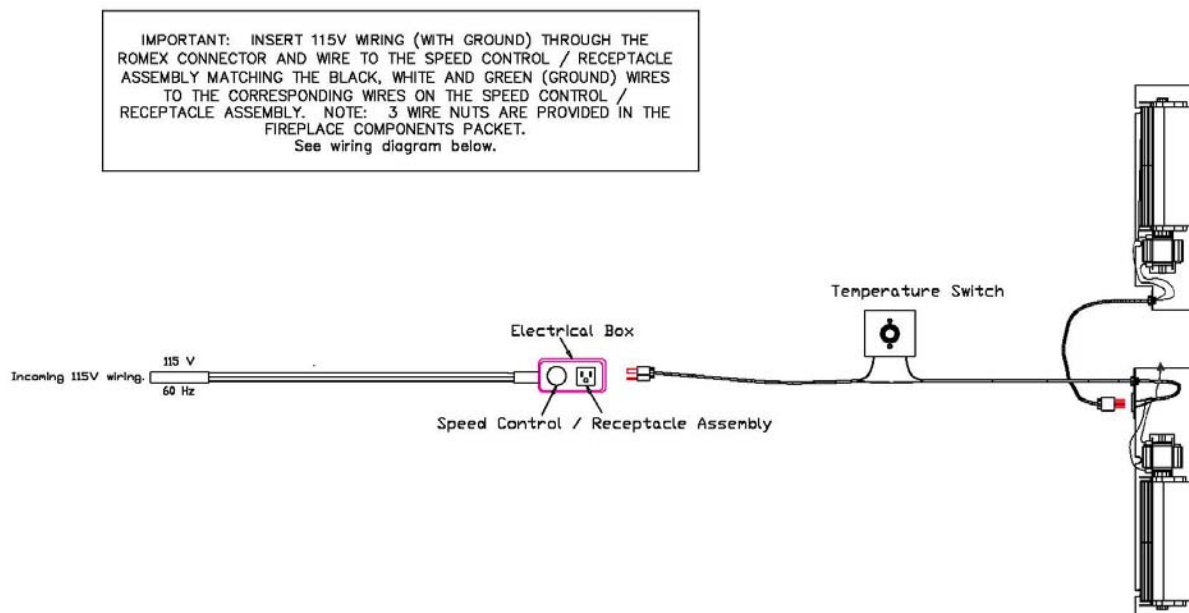
1. Right and left fan assemblies with magnetic limit switch already mounted.
2. Components package: (4) nuts, installation instructions.

NOTE: To wall-mount the speed control, you will need to purchase a speed control assembly & mounting plate, an electrical box to mount the speed control and a cover / switch plate with screws.

***NOTE:** Fan kit #TRF-028 is also available for Model #936 DV. Follow instructions included with the fan.

IMPORTANT: Code approved line voltage wiring 14 gauge or better must be used when wiring this assembly. Refer to your local electrical codes for specific requirements in your area.

WARNING: This appliance is equipped with a three-prong (grounding) plug for protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.



INSTALLATION INSTRUCTIONS. REFER TO THE FIGURE BELOW.

1. Remove the lower grill, if installed.
2. OPTIONAL: For easier installation, the fans may be separated by unplugging the three-prong plug from the receptacle in the right fan assembly.
3. Slide the left fan (A) (without receptacle) through the lower grill opening (right side of the valve) and place over the (2) left mounting studs (B) located towards the back of the fireplace.
3. Slide the right fan (with receptacle) (C) through the lower grill opening (right side of the valve) and place over the (2) right side mounting studs (D) located towards the back of the fireplace.
4. Place nuts on mounting studs and tighten.
5. If the fans were separated in step #2 above, plug fans together by inserting the three-prong male end on the short fan cord on the left fan assembly into the receptacle in the right fan assembly.
6. Remove the (2) screws securing the removable access panel (with electrical box & romex connector installed) from the side of the fireplace.
7. Insert 115V wiring (with ground) through the romex connector and wire to the speed control / receptacle assembly matching the black (hot), white (neutral) and green (ground) wires to the corresponding wire on the speed control / receptacle assembly. NOTE: (3) wire nuts are included in the fireplace components packet.
8. Secure the speed control / receptacle assembly (E) into the electrical box with the (2) screws provided.
9. Replace the electrical access panel and secure with the (2) screws removed.
10. Place the temperature control switch (with magnet) on the bottom of the firebox.
11. Plug the fan cord (F) into the receptacle in the electrical box.
12. Turn on/off speed control counter-clockwise until it 'clicks'. This is the 'OFF' position.
13. Turn the speed control 'ON' by turning the knob clockwise past the 'click' - this is the highest setting.
14. Replace lower grill, if removed in step #1 above.

NOTE: The fan will not operate unless the speed control has been turned 'ON'. The fan will not turn 'ON' until sufficient heat is applied to the thermostatic control switch. The fan will turn 'ON' and 'OFF' automatically when the fireplace heats and cools. Adjust fan to desired speed while it is running.

TEMPERATURE CONTROL SWITCH POSITION: Prior to adjusting the temperature control switch, unplug the 3-prong plug on the fan cord from the receptacle. Adjust the position of the temperature control switch to a warmer location under the firebox to turn the fan 'ON' sooner or move it to a cooler location under the firebox to turn the fan 'ON' later. The fan will turn on when the sensor in the temperature control switch reaches 110° F and will turn 'OFF' when the sensors reach 90° F. After adjustment, plug the 3-prong plug on the fan cord into the receptacle.

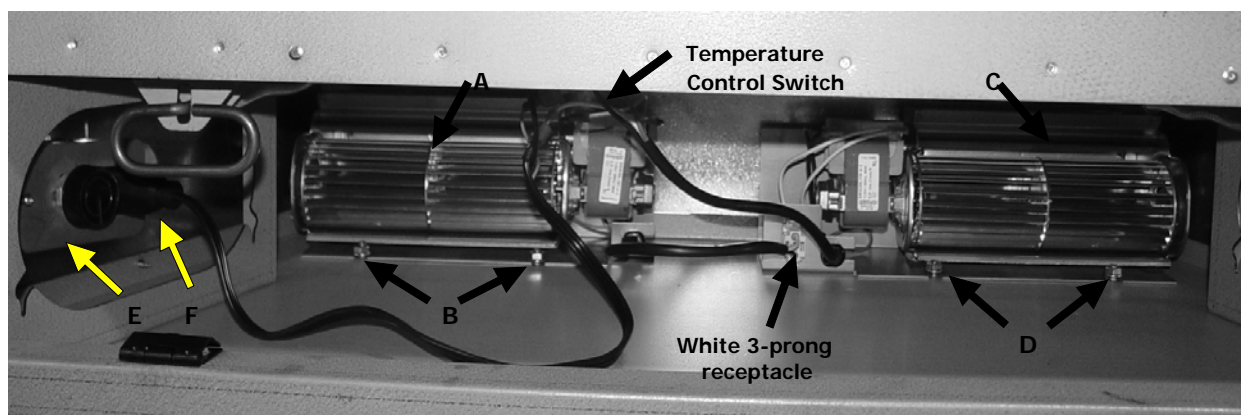


Figure 11

NOTE: This appliance must be electrically grounded and connected in accordance with local codes, or in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70-Current edition.

E) RUN THE GAS LINE.

CAUTION: Installation of the gas line must only be done by a qualified person in accordance with local building codes.

GAS CONVERSIONS:

This fireplace is manufactured for use with Natural Gas. An LP Gas conversion kit is included with this fireplace. Follow instructions included with this conversion kit.

MODEL #932

Natural Gas Conversion Kit #OCK-H38N - used to convert an LP millivolt board to Natural Gas.

LP Gas Conversion Kit #OCK-H53L - used to convert a Natural Gas millivolt board to LP Gas.

MODEL #936

Natural Gas Conversion Kit #OCK-H31N - used to convert an LP millivolt board to Natural Gas.

LP Gas Conversion Kit #OCK-H51L - used to convert a Natural Gas millivolt board to LP Gas.

NOTE: This fireplace is equipped with a flexible gas connector and manual shut off valve.

NOTE: The gas line should be run to the point of connection where the shut-off valve and flexible gas line will connect.

CAUTION: The manual shut-off valve or flexible gas tubing must not extend outside of the unit cavity. See the WARNING label affixed to the flexible tubing for additional installation instructions and warnings.

NATURAL GAS: The minimum inlet gas supply pressure: 7.0 inches W.C. (recommended)

The maximum inlet gas supply pressure: 10.5 inches W.C.

Manifold pressure: 3.5 inches W.C.

Manifold pressure (lo setting): 1.7 inches W.C.

Model #932 - Orifice size: 38

Input: 26,000 BTU's

Efficiency: 71.2% AFUE: 64%

Model #936 - Orifice size: 31

Input: 36,000 BTU's

Efficiency: 74% AFUE: 67%

LP GAS:

The minimum inlet gas supply pressure: 11.0 inches W.C. (recommended)

The maximum inlet gas supply pressure: 13.0 inches W.C.

Manifold Pressure: 10.0 inches W.C.

Manifold Pressure (lo setting): 6.5 inches W.C.

Model #932 - Orifice size: 53 Input: 26,000 BTU's

Efficiency: 73% AFUE: 66.7%

Model #936 - Orifice size: 51 Input: 35,000 BTU'S

Efficiency: 73% AFUE: 68%

The efficiency rating of this appliance is a product thermal efficiency rating determined under continuous operating conditions and was determined independently of any installed system.

NOTE: For high altitude installations consult the local gas distributor or the authority having jurisdiction for proper rating methods.

1. Run the gas line. An accessible shut off valve must be installed up stream from the regulator.

NOTE: Do not run the incoming gas line in a manner that would obstruct the operation of the fan.

2. This fireplace is designed to accept either a 3/8" or 1/2" gas line approved for gas appliances. Consult local building codes to properly size the gas supply line leading to a 3/8" reduction.
3. A gas line access hole is located on either side of the fireplace for gas line connection.
4. Connect the gas line to the manual shut-off valve.
5. Connect the flexible gas line (installed on the millivolt board valve) to the manual shut off valve.

IMPORTANT:

ALL CONNECTIONS WHETHER FIELD OR FACTORY MADE MUST BE CHECKED FOR LEAKS!

NOTE: The appliance and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of ½ psi.

NOTE: The appliance must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than ½ psi.

Pressure check taps for both the manifold (outgoing) & inlet (incoming) pressures are located in front of the gas valve. The left pressure tap is the manifold pressure and the right pressure tap is the incoming pressure. Follow instructions on page #23 for checking these pressures.

F) SECURE THE MILLIVOLT BOARD. See Figures 12A - 12D.

NOTE: The fireplace is equipped with the millivolt board & burner/cover assembly already installed. Ensure that all of the nuts are tightened, securing the board to firebox and the burner cover is properly secured. Follow these procedures in the event this assembly needs to be removed for service and/or maintenance.

MILLIVOLT BOARD REMOVAL. See Figures 12A & 12B

1. Turn the control knob to "OFF".
2. Remove the upper grill, glass assembly, logs and burning embers.
3. Shut off the gas supply at the manual shut-off valve.
4. Disconnect gas line flex tube from the manual shut-off valve.
5. Disconnect any wall switch, remote control or thermostat wires from the valve.
6. **MODEL #936 DV:** Loosen and remove the (2) nuts securing the burner cover, Figure 12A.
7. Remove the burner cover and set aside.
8. **MODEL #936 DV:** Remove the pilot shield and set aside. See Figure 12C, page #15.

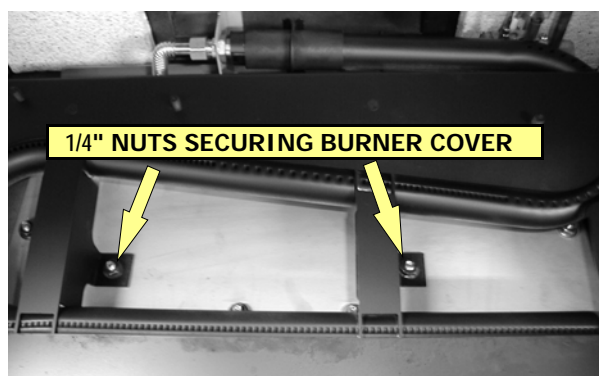
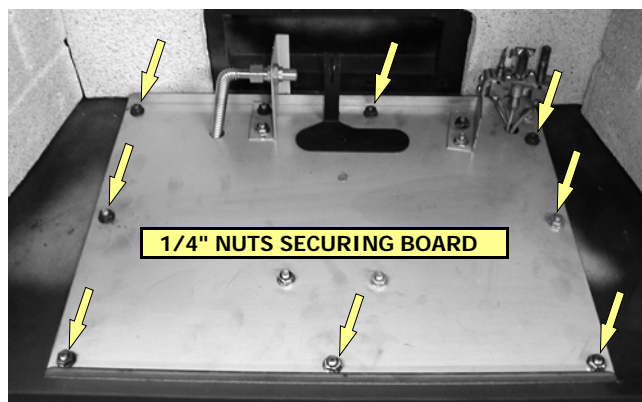


Figure 12A

9. Loosen and remove the (8) 1/4" nuts securing the millivolt board and, while grasping the board, gently lift it off the (8) bolts and remove from the firebox. Figure 12B.

Figure 12B

Model #936 DV Shown



INSTALLING THE BOARD.

NOTE: This fireplace is fitted with a gasket to seal the millivolt board to the firebox. Make certain this gasket is properly placed around the opening before installing the millivolt board.

1. Place the board into the firebox, aligning the (8) 1/4" holes in the board to the (8) mounting studs on the firebox bottom.

CAUTION: Before securing the board into place make sure that all of the wires (attached under the board) are clear and unobstructed.

2. Attach the 1/4" nuts (included with the board assembly) and tighten.
3. **MODEL #932 DV:** Replace the burner cover assembly, properly seating the burner tube over the orifice. The burner cover should be 'inside' the flanges on the board. Adjust burner venturi setting on the burner tube: For Natural Gas, the setting should be 3/16". For LP Gas, this setting should be 3/8".
MODEL #936 DV: Replace the pilot shield, Figure 12C.
Replace the burner cover assembly, properly seating the burner tube over the orifice and aligning the mounting holes in the burner brackets to the corresponding mounting studs on the bottom of the millivolt board. (Fig. 12A). Adjust burner venturi setting. Follow instructions included in the fireplace components packet. For Natural Gas, this setting should be 3/16". For LP Gas, this setting should be 5/8".

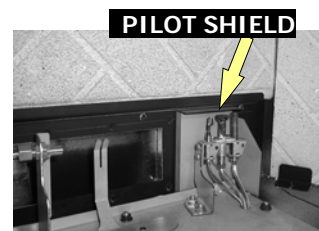


Figure 12C

IMPORTANT: Ensure that the burner tube is properly seated over the burner orifice.

4. **MODEL #936 DV:** Secure burner cover with the remaining (2) nuts previously removed. (Fig. 12A).
5. **MODEL #936 DV:** To position the adjustable venturi collar into its mounting bracket, gently push the bracket back far enough to slip the flange on the collar into the slot on the bracket. Figure 12D.
6. Reconnect the flexible gas line to the manual shut-off valve.
7. Reconnect any wall switch, thermostat or remote control wires to the valve terminals.
8. Replace the logs and embers as described in section 'G'.
9. Check all connections, whether field or factory made, for leaks.
11. Light the pilot and burner to ensure proper ignition and operation.
12. **IMPORTANT:** Check all connections, whether field or factory made, for leaks.
13. Replace the glass assembly and upper grill.

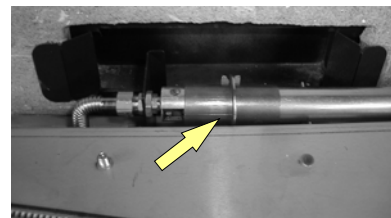


FIGURE 12D

G) #932 DV LOG INSTALLATION. See Figures 13A - 13C

This #932-500A log set includes:

(1) 'AD' log	(1) 'BI' log	(1) 'AJ' log
(1) 'AG' log	(2) 'M' logs	(1) 'C' log
(1) 'HB' log	(1) Rock wool embers pkt.	

NOTE: THE 'AD', 'AG', & 'HB' LOGS HAVE ALIGNMENT HOLES INCORPORATED INTO THE BOTTOM AND SHOULD BE PLACED ONTO THE CORRESPONDING PINS IN THE BURNER COVER. THE 'BI' LOG IS NOTCHED AND SHOULD BE POSITIONED ONTO THE BURNER COVER PLACING THE NOTCHED OUT SECTIONS IN THE LOG TO THE BRACKETS IN THE CENTER OF THE BURNER COVER.

1. Place the 'BI' log onto the center of the burner cover aligning the notches in the bottom of the log to the brackets in the burner cover. Figure 13A.



Figure 13A

2. Place the 'AD', 'AG', 'HB' & 'AJ' logs into position on the burner cover aligning the holes in the bottom of the logs to the corresponding pins in the burner cover. Figure 13B.

IMPORTANT: DO NOT ALLOW ANY PORTION OF THE LOGS TO COVER THE BURNER PORTS.

3. Place rock wool embers as desired onto the base logs & burner to enhance flame & glowing effect.



Figure 13B

4. Position top logs 'M' and 'C' onto the previously positioned logs as shown in Figure 13C.
5. Place additional rock wool ember material as desired onto the logs to enhance glowing effect.

NOTE: You will not use all the rock wool ember material at this time. Do not plug burner portholes or use excessively.

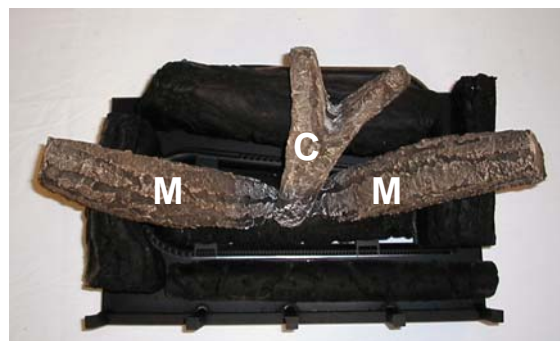


Figure 13C

INITIAL BURN PERIOD

Due to the makeup of the logs & refractory brick panels, the curing process may take up to 4 hours of burn time. During this period, the logs and refractory will discolor but will return to their true color once the curing process is complete. Do not burn this fireplace without the glass properly in place.

MAKE SURE THE HOMEOWNER IS AWARE OF THIS

#936 DV LOG INSTALLATION. See Figures 13D -13F.

This #936-50E log set includes:

(1) X1 Log	(1) X6 Log	(1) X9 Log
(1) X2 Log	(1) X7 Log	(1) X10 Log
(1) X3 Log	(1) X8 Log	(1) Klinker pkg.
(1) X4 Log	(1) Rock wool embers pkg.	

*Note: X5 Log is not used in this log set & has been intentionally omitted.

NOTE: The logs are numbered on the bottom side - refer to the instructions below for proper placement. The base logs have mounting holes incorporated into the bottom of the logs and should be positioned onto the corresponding mounting studs. Alignment cut-outs have been designed into the logs for proper positioning. Their location on the logs are represented as an '*' in the photos below.

1. Position the base logs onto the burner cover in the following order: X1, X2, X3 & X4. Align the mounting holes in the bottom of the logs to the corresponding mounting studs. Pull X1 log forward, toward the burner tube. Refer to Figure 13D.
2. Place klinkers behind the log grate in the front of the burner cover as shown in Figure 13D. Do not place klinkers behind the 2nd & 3rd grate extensions. The X7 and X9 logs, when properly installed, set on the burner cover, not on klinkers.
3. Place rock wool embers as desired onto the base logs & burner to enhance flame & glowing effect.

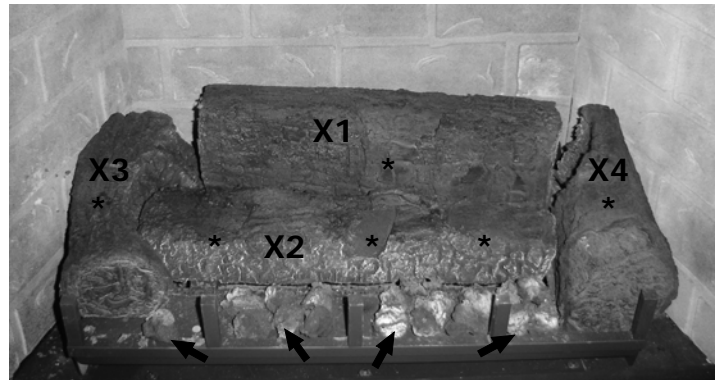


Figure 13D

KLINKERS

4. Position the middle logs onto the alignment cut-outs in the base logs in the following order: X6, X7, & X8. Refer to Figure 13E.



Figure 13E

5. Position top logs X9 & X10 onto the alignment cut-outs in the base logs and middle logs and shown in Figure 13F.
6. Place additional rock wool ember material as desired onto the logs to enhance glowing effect.

NOTE: You will not use all the rock wool ember material at this time. Do not plug burner portholes or use excessively.

INITIAL BURN PERIOD

Due to the makeup of the logs & refractory brick panels, the curing process may take up to 4 hours of burn time. During this period, the logs and refractory will discolor but will return to their true color once the curing process is complete. Do not burn this fireplace without the glass properly in place.

MAKE SURE THE HOMEOWNER IS AWARE OF THIS

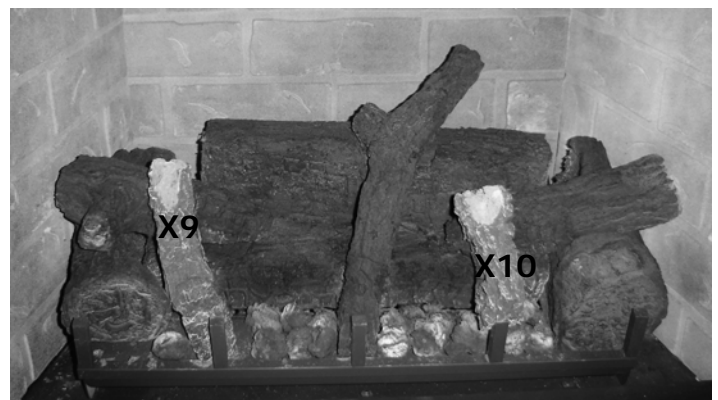


Figure 13F

H) THERMOSTAT, WALL SWITCH OR REMOTE CONTROL INSTALLATION

CAUTION: DO NOT CONNECT HIGH VOLTAGE (115V) TO ANY OF THESE SYSTEMS.

If desired, a thermostat, wall switch, or remote control assembly may be used to turn the fireplace 'OFF' and 'ON'. ONLY one of these may be installed. Follow instructions included with each assembly.

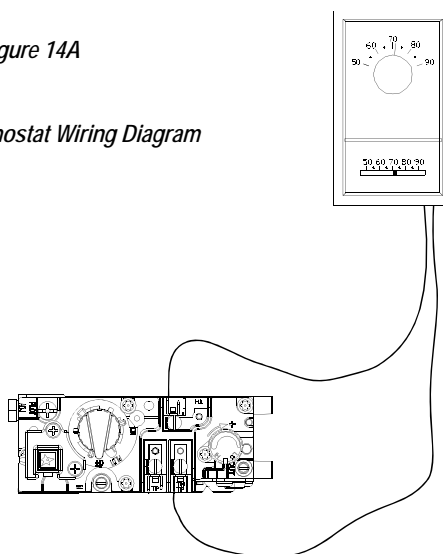
OPTIONAL: Disconnect the on/off rocker switch wires from the top & bottom 'TH' terminals on the back side of the gas valve.

IMPORTANT: If the ON/OFF rocker switch wires are not disconnected, the switch must be in the 'OFF' position for proper operation of these components.

NOTE: INSTALLATION OF A THERMOSTAT OR WALL SWITCH SHOULD ONLY BE DONE BY A QUALIFIED INSTALLER.

Figure 14A

Thermostat Wiring Diagram



WALL SWITCH / THERMOSTAT USERS:

Run low-voltage (thermostat) wires from the terminals on the gas valve to the desired location of the wall switch or thermostat.

Attach the appropriate connector to each wall switch / thermostat wire and connect to the top and bottom terminals on the gas valve.

The ON/OFF rocker switch on the millivolt board must be in the 'OFF' position for proper operation of any of these components.

If the rocker switch is 'ON', the fireplace burner will operate until it is turned 'OFF' by the rocker switch. A wall switch, thermostat, or remote control will not turn the fireplace 'OFF' when it has been turned 'ON' by the rocker switch.

NOTE: The fireplace must be turned 'ON' and 'OFF' by the same method. For example: If the fireplace is turned 'ON' by the remote control, it must be turned 'OFF' by the remote control.

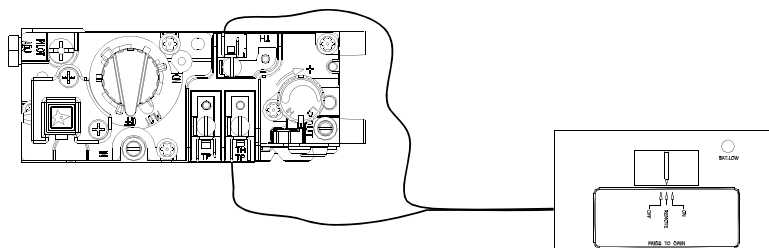
REMOTE CONTROL USERS:

Follow instructions included with the remote control.

IMPORTANT: The insulated cover included with the remote control must be placed over the remote receiver to protect it from overheating.

Figure 14B

Remote Control Wiring Diagram



I) COMPLETE THE INSTALLATION

1. SECURE THE FIREPLACE:

NOTE: Nailing flanges are attached to the sides of the fireplace.

- Loosen but do not remove the screws securing the nailing flanges to the fireplace. Remove nailing flanges.
- Locating the keyhole slots on the nailing flange, simply place over the screws and slide forward to the desired position, then tighten the screws.
- The tabs can now be bent parallel with the fireplace.
- Fasten to framing with holes provided in the nailing flange.

2. Complete the fireplace walls, and the fireplace facing.

CAUTION: THE SURROUNDING WOOD CHASE OF THE OUTSIDE WALL **MUST** BE INSULATED TO PREVENT COLD AIR FROM ENTERING THE ROOM.

- Seasonal Heat Dump:** This fireplace has been designed with an adjustable heat dump outlet located inside the fireplace (at the top). This will allow infinite control over the amount of heat emitted into the living area without affecting the flame height.

INSTALLER: PLEASE INSTALL THIS FIREPLACE WITH THE ADJUSTABLE HEAT OUTLET DUMP IN ITS CLOSED POSITION. See Figure 15.

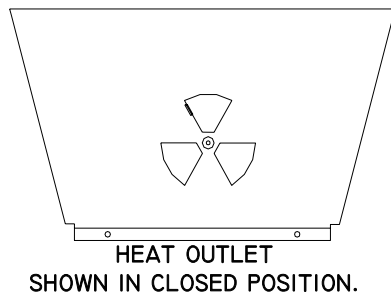
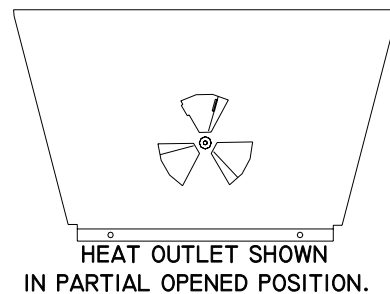


Figure 15



CAUTION: IF THE FIREPLACE HAS BEEN IN OPERATION, ALLOW AMPLE TIME FOR IT TO COOL BEFORE ADJUSTING THE HEAT OUTLET OPENING OR USE THE APPROPRIATE PROTECTION TO PREVENT SERIOUS BURNS.

To adjust the heat outlet opening:

- Remove the upper grill and glass assembly.
- Open or close the outlet to desired position.
- Replace the glass assembly and upper grill.

4. START-UP

THIS STEP SHOULD ONLY BE DONE BY A QUALIFIED INSTALLER OR SERVICE TECHNICIAN:

- Perform lighting and shutdown procedures as described on page #21-#22. This should be done prior to replacing the glass so that any necessary adjustments can be made and proper operation verified.

5. REPLACE THE GLASS. Refer also to Figure 2, page #3.

- A) Align the slots in the top of the glass assembly over the tabs on the fireplace.
- B) Place the glass assembly so it is flush with the front of the fireplace front.
- C) Secure the assembly to the fireplace by pushing the two spring loaded handles (located under the firebox) back, locking them into position.

WARNING: DO NOT OPERATE THIS FIREPLACE WITH THE GLASS ASSEMBLY REMOVED, CRACKED OR BROKEN. Replacement of the glass assembly should be done by a licensed or qualified service person.

6. GRILLS

Upper Grill - Install:

- A. Insert the upper grill rods into the holes in the upper grill opening and push up until the bottom of the rods clear the glass frame.
- B. Place the bottom of the rods into the lower holes and release. The grill will set down into place.

Remove:

- A. Lift the upper grill up far enough to clear the bottom holes and pull bottom of grill out.

7. Lower grill - See Figure 16

Install:

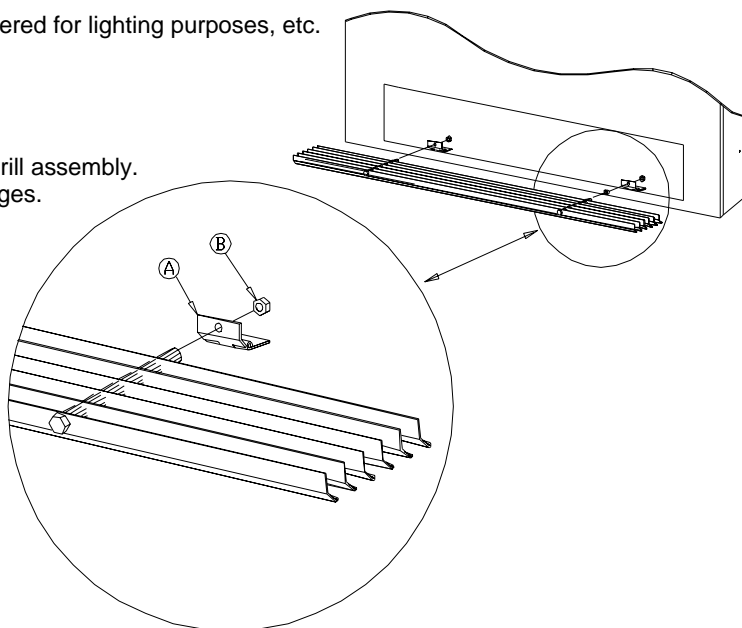
- A. Remove the 1/4" nuts (B) from the lower grill assembly.
- B. Slip the bolt through the hinge (A).
- C. Re-attach the 1/4" nut (B).
- D. Repeat "A" through "C" for the remaining hinge.

The grill is now in place. The grill may be lowered for lighting purposes, etc.

Remove:

- A) Remove the 1/4" nuts (B) from the lower grill assembly.
- B) Pull the entire grill assembly out of the hinges.
- C) Re-attach the 1/4" nuts (B).

Figure 16



J) LIGHTING AND SHUTDOWN PROCEDURES

NOTE: Prior to lighting, check all fittings for leakage. This is accomplished by applying soapy water on all connections made. If there is any leakage, bubbles will appear at the point of connection. If bubbles occur, tighten the fittings until the bubbles no longer appear.

IMPORTANT: TEST ALL CONNECTIONS WHETHER FIELD OR FACTORY MADE.

NOTE: The appliance and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of ½ psi.

NOTE: 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 line at test pressures equal to or less than 1/2 psig (3.5 kPa).

Pressure check taps for the manifold (outgoing) and inlet (incoming) pressures are located in front of the gas valve. The right pressure tap is the manifold pressure and the left pressure tap is the incoming pressure. Follow instructions on page #23 for checking these pressures.

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.

1. This appliance has a pilot which must be lighted by hand. When lighting the pilot, follow these instructions exactly.
2. **BEFORE LIGHTING**, smell all around the appliance for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
3. Use only your hand to push in or turn the gas control 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, and loss of warranty.
4. 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 which has been under water.

DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE.

DUE TO HIGH SURFACE TEMPERATURES, KEEP CHILDREN, CLOTHING AND FURNITURE AWAY


This appliance needs fresh air for safe operation and must be installed so there are provisions for adequate combustion and ventilation air.

WHAT TO DO IF YOU SMELL GAS:


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

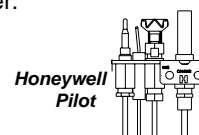
LIGHTING INSTRUCTIONS

NOTE: Read 1-8 before lighting the unit for the first time. Refer to the figure on page #22.

1. Set the thermostat to the lowest setting, if installed.
2. Turn off all electric power to the appliance. (Fan)
3. Open the lower air passage panel to access the gas valve & controls.
4. Push in control knob (A) slightly and turn clockwise  to "OFF".

NOTE: Knob cannot be turned from "PILOT" to "OFF" unless knob is pushed in slightly. Do not force.


5. Wait five (5) minutes to clear out any gas. If you then smell gas, STOP! Follow the safety information listed above. If you don't smell gas, go to the next step.
6. Find the pilot - follow metal tube from gas control. The pilot is located inside the combustion chamber.
7. Turn the control knob (A) on gas valve counterclockwise  to "PILOT".
8. Push in the control knob all the way and hold in. Press the square BLACK piezo igniter button (B).



The pilot will generally light with two or three pushes on the igniter. Hold the knob in for about one (1) minute after the pilot is lit. Release knob and it will pop back out. Pilot should remain lit. If it goes out, repeat steps 4 through 8.

*If knob does not pop out when released, stop and immediately call your service technician or gas supplier.

*If the pilot will not stay lit after several tries, turn the gas control knob to "OFF" and call your service technician or gas supplier.

9. Turn gas control knob counterclockwise  to the "ON" position.
10. The burner can now be turned 'ON' or lit by depressing the bottom of the ON/OFF rocker switch (C) located beside the valve **OR** by setting the thermostat or remote control to the desired setting.
11. **NOTE:** When the unit is initially lit, condensation will appear on the glass, this is normal in all gas fireplaces, and will disappear in one to three minutes.

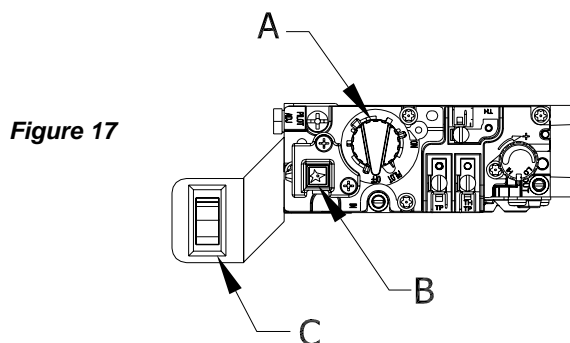
TO TURN THE BURNER OFF:

To turn the burner 'OFF', depress the ON/OFF rocker switch to 'OFF', flip 'off' the wall switch or adjust the setting on the thermostat or remote control. **NOTE:** The pilot will stay lit.

TO TURN THE PILOT OFF:

To turn off the pilot, push in and turn the control knob to the "OFF" position. **DO NOT FORCE.**

WARNING: This control valve has an interlock device. After turning off the pilot, it cannot be relit until the thermocouple has cooled, (approximately 60 seconds).



NOTE: A PAINT SMELL WILL OCCUR DURING THE FIRST FEW HOURS OF BURNING. IT IS RECOMMENDED TO LEAVE THE FAN OFF DURING THIS PERIOD AS THIS WILL SPEED UP THE PAINT CURING PROCESS.

INITIAL BURN PERIOD

DUE TO THE MAKEUP OF THE FIBER LOGS & REFRACTORY, THE CURING PROCESS MAY TAKE UP TO 4 HOURS OF BURN TIME. DURING THIS PERIOD, THE LOGS & REFRACTORY WILL DISCOLOR, BUT WILL RETURN TO THEIR TRUE COLOR ONCE THE CURING PROCESS IS COMPLETE. DO NOT BURN THIS FIREPLACE WITHOUT THE GLASS PROPERLY IN PLACE.

****MAKE SURE THE HOMEOWNER IS AWARE OF THIS****

NOTE: Children and adults should be alerted to the hazards of high surface temperature 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.

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

NOTE: THIS FIREPLACE MAY PRODUCE NOISES OF VARYING DEGREE AS IT HEATS AND COOLS DUE TO METAL EXPANSION AND CONTRACTION. THIS IS NORMAL AND DOES NOT AFFECT THE PERFORMANCE OR LONGEVITY OF THE FIREPLACE.

PRESSURE TEST - MANIFOLD & INLET PRESSURE

IMPORTANT NOTICE: A pressure check tap for both the manifold (outgoing) and inlet (incoming) pressure has been incorporated into the valve by Honeywell. The right pressure tap is the manifold pressure and the left pressure tap measures the incoming pressure. Follow the instructions below for proper pressure testing procedures.

TO CHECK THE MANIFOLD PRESSURE:

1. Light pilot .
2. Loosen the manifold pressure tap [D] by turning the screw counter-clockwise.
3. Attach manometer to pressure tap using a 5/16" I.D. hose [F].
4. Turn black control knob [A] to the 'ON' position.
5. Turn the burner 'ON' by depressing the bottom of the rocker switch [C] and note manometer reading.
6. Turn the rocker switch [C] to the 'OFF' position.
7. Disconnect manometer hose and tighten screw (clockwise). Screw should be snug, do not over tighten.
8. Attach manometer to manifold pressure tap to verify that it is completely sealed.
Manometer should read no pressure when the rocker switch is turned 'ON'.

NOTE: If manifold pressure reading is within the normal range, an incoming pressure check is not necessary. A too high or too low pressure reading warrants an inlet (incoming) gas pressure check.

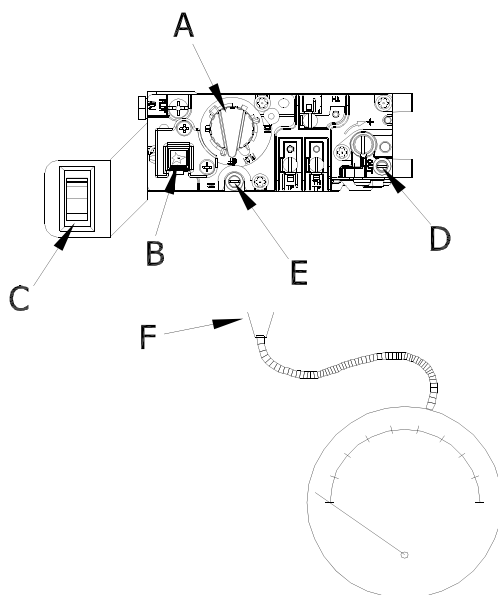
TO CHECK THE INLET PRESSURE:

1. Loosen Inlet pressure tap screw [E] by turning screw counter-clockwise.
2. Attach manometer using a 5/16" I.D. hose [F].
3. Light the pilot.
4. Turn the black control knob [A] to the 'ON' position. (Burner should not come 'ON') and note manometer reading.
5. Turn the rocker switch [C] to the 'ON' position by depressing the bottom of the switch and check the pressure to ensure that it stays near the maximum inlet pressure.
6. Turn the rocker switch [C] to the 'OFF' position.
7. Turn the pilot to the 'OFF' position.
8. Disconnect hose and tighten screw (clockwise). Screw should be snug, do not over tighten.
9. Relight pilot and turn the control knob [A] to the 'ON' position. Attach manometer to the inlet pressure tap to verify that it is completely sealed.
Manometer should read no pressure.

NOTE: If Inlet pressure reading is too high or too low, contact the gas company. Only a qualified gas service technician should adjust the incoming gas pressure.

CAUTION: A LOW PRESSURE READING CAN CAUSE DELAYED IGNITION.

Figure 18



K) MAINTENANCE REQUIREMENTS

1. The appliance should be inspected at least once a year by a professional service person.

NOTE: INSTALLATION AND REPAIR SHOULD BE DONE ONLY 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 MATERIALS, ETC. IT IS IMPERATIVE THAT CONTROL COMPARTMENTS, BURNERS AND CIRCULATION AIR PASSAGEWAYS OF THE APPLIANCE BE KEPT CLEAN.

2. The compartment below the firebox (behind the lower grill) must be cleaned at least once a year, more frequent cleaning may be required due to excessive lint from carpeting, bedding materials, or other fibrous materials. It is imperative that the burner be cleaned once a year.

FAN

The fan should be disconnected from electrical current, and cleaned (vacuumed) every six months. The bearings are sealed and require no oiling.

VENT SYSTEM

Annual examination of the venting system by a qualified agency is required.

1. Remove the glass on the front of the unit.
2. For easier access, remove the logs.
3. Cover the millivolt board system.
4. Loosen the nuts securing the baffle at the back of the firebox and remove the baffle.
5. Examine proper sealing of the vent system.
6. Replace the baffle and secure the nuts. Do not over-tighten the nuts!
7. Replace the logs, glass and upper grill.

IMPORTANT: ANY SAFETY SCREEN OR GUARD REMOVED FOR SERVICING MUST BE REPLACED PRIOR TO OPERATING THE APPLIANCE.

CAUTION: LABEL ALL WIRES PRIOR TO DISCONNECTION WHEN SERVICING CONTROLS. WIRING ERRORS CAN CAUSE IMPROPER AND DANGEROUS OPERATION. VERIFY PROPER OPERATION AFTER SERVICING.

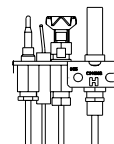
MILLIVOLT BOARD SYSTEM

Refer to pages #14-#15.

1. Annual cleaning of the burner is required. The burner cover may be removed for easier access.
2. Remove the logs.
3. Model #936 DV: Loosen and remove the 2 nuts securing the burner cover. Remove the burner / cover assembly, sliding it off the burner orifice.
Model #932 DV: Remove the burner / cover assembly, sliding it off the burner orifice.
4. Visually check for blocked port holes, especially near the pilot. Blocked port holes may cause delayed ignition. Replace components by following the instructions included with the manual.
5. Visually check the pilot light and burner when they are burning. See Figures below. The flames should be steady, not lifting or floating.



Burner Orifice



Honeywell Pilot

GLASS CLEANING & REPLACEMENT

- Clean glass only when cool and only with non-abrasive cleansers.
- Do not operate this fireplace with the glass/frame assembly remove, cracked or broken.
- The glass assembly, Part #700-08T (Model #932) or #700-07T (Model #936) shall only be replaced as a complete unit, as supplied by Hussong Mfg. Co., Inc.
- Replacement of the glass & gasket assembly, Part #700-08T - Model #932 or Part #700-07T - Model #936, must only be performed by a licensed or qualified service person. **DO NOT SUBSTITUTE MATERIALS.**
- Do not strike or slam glass door assembly.

CAUTION: KEEP THE APPLIANCE AREA CLEAR OF COMBUSTIBLE MATERIALS, SUCH AS GASOLINE AND OTHER FLAMMABLE VAPORS AND LIQUIDS.

L) TROUBLE SHOOTING GUIDE

NOTE: The millivolt board includes the following items: Valve, pilot assembly, piezo, electrode, rocker switch, burner, orifice and orifice holder. If any of these items are defective, contact your dealer for the appropriate repair / replacement procedures to follow.

WARNING: DO NOT ATTEMPT TO SERVICE THIS UNIT IF YOU ARE NOT A QUALIFIED INSTALLER OR REPAIRMAN.

1. If the fireplace fails to ignite a qualified service person should check the fireplace installation.
2. It is imperative that the control compartment, burner and circulation air passageways of the fireplace be kept clean. This is necessary to provide adequate combustion and ventilation air.
3. All of the working parts of this fireplace can be removed at one time. Before removing millivolt board, check for loose wires.

<u>PROBLEM</u>	<u>CAUSE</u>	<u>SOLUTION</u>
No spark when piezo is depressed.	Wire on back of piezo button is loose or off.	Put wire back into place.
	Wire from piezo to electrode is loose at electrode.	Reconnect wire.
	Electrode moved out of position.	Realign electrode with 1/8" space between it & the pilot.
Pilot won't light.	Gas shut off.	Turn Gas ON.
	Gas line not purged.	Hold black control knob in long enough to purge line.
	Not holding black control knob in long enough.	Hold in longer.
Pilot won't stay lit.	Not holding black control knob in long enough.	Hold control knob in longer to heat thermocouple.
	Thermocouple wire loose at valve connection.	Check connection on valve.
	Pilot hood misdirecting pilot flame from thermocouple.	Check pilot flame location. Flame must be burning on generator and thermocouple.
	Refractory panels not positioned against firebox.	Secure refractory panels with high-temp sealant, especially around the intake duct.
	Model #936 only: Pilot shield not installed or not in proper position.	Install pilot shield or re-position. .

PROBLEM

Burner won't light.

CAUSE

Pilot not lit.

Regulator valve not turned "on".

Rocker switch not turned "on".

Rocker switch wire not connected.

Generator wires loose at regulator terminals.
19 for wiring instructions.

Generator wire grounded out
due to pinching of wires.

Generator is not producing enough
millivolts to operate burner.

Wall switch, remote control or thermostat not
connected properly or turned to wrong setting.

SOLUTION

Relight pilot.

Turn valve to "on".

Press bottom of switch.

Check wiring diagram Figure 19 to ensure that all
wires are secure.

Reposition wire and tighten screws. See Figure

Nuts securing millivolt board may need loosening
to remove pinched wire.

Replace generator.

Connect properly or disconnect and use ON/OFF
switch only. See Figures 14A - 14B.

Burner won't stay lit

Wall switch, thermostat wire too
thick or run more than 30 ft.

Refractory panels not positioned against firebox.

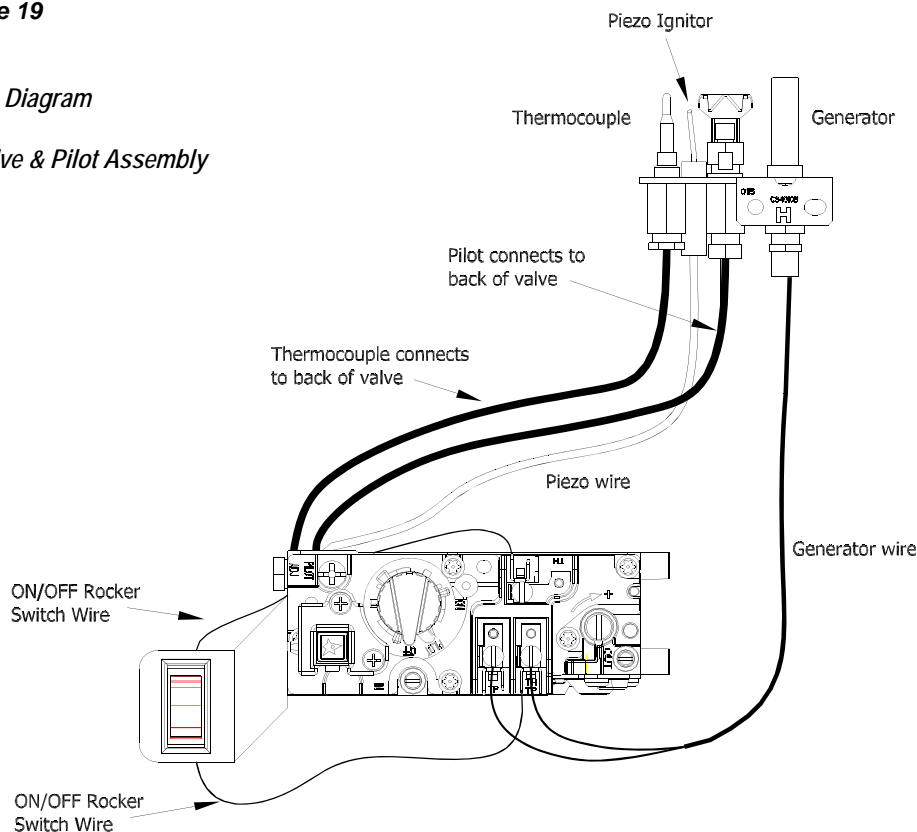
Disconnect wires from valve. If burner stays lit,
change location or use ON/OFF switch only.

Secure refractory panels with high-temp sealant,
especially around the intake duct.

Figure 19

Wiring Diagram

Honeywell Valve & Pilot Assembly



REPLACEMENT PARTS

Replacement parts are available through your local dealer. Contact them for availability and pricing.

MODEL #932 DV MILLIVOLT BOARD AND PARTS

932-800	#932 Millivolt Board - Natural Gas	700-203	Manual Shut off Valve
932-801	#932 Millivolt Board - LP Gas	700-213B	18" Flexible Gas Line - Black
700-023	On/Off Rocker Switch	700-224	Flexible Gas Line - Valve to Burner connection
700-057	Honeywell valve- Natural Gas	700-238	Natural Gas orifice - #38
700-059	Thermocouple	700-253	LP Gas orifice - #53
700-060	Flexible Pilot Tubing (Valve to Pilot)	700-075	Natural Gas conversion cap
700-090	Piezo Ignitor w/ wire	700-076	LP Gas conversion cap
700-063	Pilot/Generator/Thermocouple		
700-083	Piezo ignitor w/ wire	OCK-H38N	Natural Gas Conversion Kit
700-092	Millivolt Generator	OCK-H53L	LP Gas Conversion Kit
		911-035	Burner Tube
		932-35	Burner plate

MODEL #936 DV MILLIVOLT BOARD AND PARTS

936-E800	#936 Millivolt Board - Natural Gas	700-203	Manual Shut off Valve
936-E801	#936 Millivolt Board - LP Gas	700-213B	18" Flexible Gas Line - Black
700-023	On/Off Rocker Switch	700-224	3/8" Flexible Gas Line - Valve to Burner connection
700-057	Honeywell valve- Natural Gas	700-231	Natural Gas orifice #31
700-059	Thermocouple	700-251	LP Gas orifice #51
700-060	Flexible Pilot Tubing (Valve to Pilot)	700-075	Natural Gas conversion cap
700-063	Pilot/Generator/Thermocouple	700-076	LP Gas conversion cap
700-083	Piezo ignitor w/ wire	OCK-H31N	Natural Gas Conversion Kit
700-092	Millivolt Generator	OCK-H51L	LP Gas Conversion Kit
		936-035	Burner tube
		936-E35A	Burner plate
		936-043	Pilot Shield

GLASS & GLASS GASKET

700-08T	12" x 27" Glass with gasket - Model #932 DV
700-07T	17" x 30" Glass with gasket - Model #936 DV
900-006	Tadpole glass gasket w/ adhesive

LOG SETS & REFRACTORY

932-500A	Log Set - #932 DV
936-50E	Log Set - #936 DV
932-G900	Refractory Panels (Back / Side 3 pc.) - #932 DV
932-G900B	Back Refractory Panel - #932 DV
932-G900S	Side Refractory Panel - 1 pc. - #932 DV
936-900	Refractory Panels (Back / Side 3 pc.) - #936 DV
936-G900B	Back Refractory Panel - #936 DV
936-G900S	Side Refractory Panel - 1 pc. - #936 DV

CONSULT YOUR DEALER FOR OTHER OPTIONS WHICH MAY BE AVAILABLE.

MODELS #932 / #936 DV - US INSTALLATIONS ONLY
Revised January 2007

Manufactured by:
Hussong Mfg. Co., Inc.
204 Industrial Park Drive
Lakefield, MN 56150

www.kozyheat.com

KOZY HEAT LIMITED 10 YEAR WARRANTY

Effective July 01, 2003

This Limited 10 Year Warranty will not become effective until the warranty registration form has been completed and mailed to Hussong Manufacturing Co., Inc., P.O. Box 577, Lakefield, MN 56150. This registration form must be received within 30 days of installation. Failure to do so may result in delayed warranty coverage and submission of proof of purchase will be required.

Hussong Manufacturing Co., Inc. warrants to the original purchaser of this Kozy Heat Fireplace, that it is free of defects in materials and workmanship at the time of manufacture.

Subject to the following conditions & requirements, Hussong Manufacturing Co., Inc. extends the following limited warranty under normal use and service, with respect to the Kozy Heat line of gas burning fireplaces.

YEAR 1: Subject to the conditions & requirements listed below, within the first year from date of purchase, Hussong Manufacturing Co., Inc. shall, at its discretion, replace or repair any such defect in material or workmanship, at Hussong Manufacturing Co., Inc.'s expense, including reasonable labor costs to repair or replace the defective component, if a factory pre-authorization is given for the repair.

YEARS 2 - 10: Subject to the conditions & requirements listed below, beginning with the first day of the second year and continuing through the tenth year, Hussong Manufacturing Co., Inc., will at its discretion, provide repair or replacement parts at current list prices for any defect in material or workmanship of components, including optional components and accessories (if available). Hussong Manufacturing Co., Inc. shall not be responsible for any installation, labor, transportation or other indirect costs.

LIMITATION OF LIABILITY

To make a claim under this warranty, the purchaser must first contact the dealer/installer from whom the fireplace was purchased.

This limited warranty will be void if the fireplace is not installed by a qualified installer and according to the installation instructions. Use of unauthorized components will make this warranty null and void.

This limited warranty also is void if the fireplace is not operated, at all times, according to the operating instructions furnished.

This warranty is limited to defects in material and workmanship. It does not apply to any product that has been subject to negligence, misapplication, improper installation. Remote control warranties are covered by Ambient Technologies, Inc., and are excluded from this Limited Warranty.

No person is authorized to extend the time of this warranty or to accept on Hussong Manufacturing Co., Inc.'s behalf any additional obligation of liability connected with the unit.

It is expressly agreed and understood that this warranty is Hussong Manufacturing Co., Inc.'s sole obligation and purchaser's exclusive remedy for defective fireplace equipment. Hussong Manufacturing Co., Inc. shall not be liable for any consequential, incidental or contingent damages whatsoever. The foregoing warranty is exclusive and in lieu of all other expressed warranties. Hussong Manufacturing Co., Inc. shall not be held to implied warranties, including but not limited to the implied warranties or merchantability and fitness for a particular purpose. This warranty replaces all previous warranty policies.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Hussong Manufacturing Co., Inc. reserves the right to make changes at any time, without notice, in design, material, specifications and prices. Hussong Manufacturing Co., Inc. reserves the right to discontinue models and products.

WARRANTY CONDITIONS & REQUIREMENTS:

1. You are the original purchaser. This warranty is not transferable.
2. Installation of the fireplace is performed by a qualified installer.
3. Installation and operation must comply with installation and operation instructions.
4. Paint and glass gaskets are covered for 30 days from date of purchase.
5. Components (including glass panels) broken, during shipping, careless handling of components, or defects resulting from improper installation, misuse of the fireplace and components are not covered under this warranty.
6. This warranty does not cover any part of the fireplace or any components which have been exposed to or submerged under water.
7. Hussong Manufacturing Co., Inc. must be notified by the dealer the fireplace was purchased from or a qualified installer or service technician of the defect.
8. Annual service of the fireplace as required in the installation manual, is performed by a qualified installer/service technician. (Copies of such service records may be required to claim a warranty.)
9. All previous warranty/service has been performed by a qualified installer or service technician. (Copies of such service records may be required to claim a warranty.)



LIFETIME WARRANTY

THIS LIFETIME WARRANTY COVERAGE WILL BE EXTENDED AS DESCRIBED BELOW PROVIDED ALL WARRANTY CONDITIONS AND REQUIREMENTS ARE MET AS OUTLINED IN THE 10 YEAR LIMITED WARRANTY POLICY.

LIFETIME WARRANTY COVERAGE

LIFETIME WARRANTY IS EXTENDED AS FOLLOWS: Hussong Manufacturing warranties to the original purchaser that the firebox, heat exchanger, fiber logs, burner tube and glass of this Kozy Heat fireplace will not be defective in material or workmanship under normal use and service for as long as you own this product. If any of these components fail due to defects in material or workmanship under normal use and service, Hussong Manufacturing Co., Inc. will, at its sole discretion, repair or replace the defective component. This LIFETIME WARRANTY does not cover any installation, labor, transportation or other indirect costs arising from defective components.

LIMITATION OF LIABILITY

This Lifetime warranty will be void if the fireplace is not installed by a qualified installer and according to the installation instructions. Use of unauthorized components will make this warranty null and void. This lifetime warranty also is void if the fireplace is not operated, at all times, according to the operating instructions furnished. This warranty is limited to defects in material and workmanship of components specified. It does not apply to any product that has been subject to negligence, misapplication, improper installation.

No person is authorized to extend the time of this Lifetime warranty or to accept on Hussong Manufacturing Co., Inc.'s behalf any additional obligation of liability connected with the unit.

Hussong Manufacturing Co., Inc. may fully discharge all obligations with respect to this Lifetime warranty by refunding the wholesale price of the defective component(s).

It is expressly agreed and understood that this Lifetime warranty is Hussong Manufacturing Co., Inc.'s sole obligation and original purchaser's exclusive remedy for defective fireplace equipment. Hussong Manufacturing Co., Inc. shall not be liable for any consequential, incidental or contingent damages whatsoever other than those incurred by Hussong Manufacturing Co., Inc. to repair or replace the defective component. The foregoing warranty is exclusive and in lieu of all other expressed warranties. Hussong Manufacturing Co., Inc. shall not be held to implied warranties, including but not limited to the implied warranties of merchantability and fitness for a particular purpose. This lifetime warranty replaces all previous lifetime warranty policies.

Hussong Manufacturing Co., Inc. reserves the right to make changes at any time, without notice, in design, material, specifications and prices. Hussong Manufacturing Co., Inc. reserves the right to discontinue models and products.

JUNE 1998

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(CUT ALONG DOTTED LINE)

TO ACTIVATE THIS LIFETIME WARRANTY COVERAGE, THIS REGISTRATION CARD MUST BE COMPLETED AND MAILED WITH YOUR COMPLETED 10 YEAR LIMITED WARRANTY FORM WITHIN 30 DAYS OF INSTALLATION.

PURCHASER'S NAME: _____

INSTALLATION DATE: _____

ADDRESS: _____

MODEL#: _____ **SERIAL #:** _____

TELEPHONE # _____

INSTALLER NAME: _____

ADDRESS: _____

TELEPHONE # _____