INSTALLATION & OPERATING MANUAL

MODEL #55801 'Duluth'
Free-Standing Direct Vent
Fireplace

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

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

WHAT TO DO IF YOU SMELL GAS:
- Do not try to light any appliance.
- Do not touch electrical switches; do not use the phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow your gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

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

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

IMPORTANT:

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

OMNI

July 2003

www.kozyheat.com

GLOBAL POSITIONING: N43° 40.177' W095° 10.662
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MODEL: #55801 ‘DULUTH’
FREESTANDING DIRECT VENT FIREPLACE INSERT
INSTALLATION & OPERATING INSTRUCTIONS

IMPORTANT:
READ THIS MANUAL BEFORE INSTALLING AND USING THIS FIREPLACE.

This fireplace has been tested to and complies with ANSI Z21.88©CSA 2.33-M2002 “VENTED GAS FIREPLACE HEATERS” by OMNI-Test Laboratories, Beaverton, Oregon for U.S. installations only. 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.

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

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

WHAT TO DO IF YOU SMELL GAS:
♦ Do not try to light any appliance.
♦ Do not touch electrical switches; do not use the phone in your building.
♦ Immediately call your gas supplier from a neighbor’s phone. Follow your gas supplier’s instructions.
♦ If you cannot reach your gas supplier, call the fire department.

INSTALLATION AND SERVICE MUST BE PERFORMED BY A QUALIFIED INSTALLER, SERVICE AGENCY OR THE GAS SUPPLIER.

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

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

CONSULT YOUR LOCAL OR NATIONAL INSTALLATION CODES TO ASSURE THAT ADEQUATE COMBUSTION AND VENTILATION AIR IS AVAILABLE.

WARNING: Do not use this fireplace if any part has been under water. Immediately call a qualified service technician to inspect this 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.
**SPECIFICATIONS:**

HEIGHT: 24 3/8"  WIDTH (EXCLUDING LEGS): 24"
DEPTH: 16"  WIDTH (INCLUDING LEGS): 24 1/2"

FLUE SIZE: 4" exhaust, 6 5/8" intake

**CLEARANCES:**

Refer to Figures 2A & 2B

The following clearances to combustibles must be maintained:

<table>
<thead>
<tr>
<th>Component</th>
<th>Clearance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit* to sidewall</td>
<td>7&quot;</td>
</tr>
<tr>
<td>Unit* to backwall</td>
<td>5&quot;</td>
</tr>
<tr>
<td>Unit top to ceiling</td>
<td>45&quot;</td>
</tr>
<tr>
<td>From vent pipe: Horizontal runs: Top:</td>
<td>1 1/2&quot; at wall pass-thru</td>
</tr>
<tr>
<td>Bottom &amp; Sides:</td>
<td>1&quot;</td>
</tr>
<tr>
<td>Vertical runs:   All sides:</td>
<td>1&quot;</td>
</tr>
</tbody>
</table>

*Measurement is from the top corner of the fireplace.

**PASS-THRU WALL THICKNESS:**

The Dura-Vent DV-GS 4" x 6 5/8" wall thimble, is designed for a minimum wall thickness of 4" and maximum wall thickness of 7 1/2".

The Ameri-Vent 4" x 6 5/8" wall thimble is designed for a minimum wall thickness of 4 1/2" and maximum wall thickness of 8 1/2".
NOTE:
When the unit 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.

VENTING GUIDELINES

THIS FIREPLACE IS APPROVED FOR USE WITH ONE OF THE FOLLOWING DIRECT VENT CHIMNEY SYSTEMS FOR HORIZONTAL & VERTICAL TERMINATIONS:

- SIMPSON DURA-VENT DV-GS CHIMNEY SYSTEM 4" X 6 5/8"
- AMERI-VENT DIRECT VENT CHIMNEY SYSTEM 4" X 6 5/8"

IMPORTANT: This fireplace is manufactured with the appropriate adaptor for proper connection of the either of these systems.

Contact your dealer for the appropriate vent kit and components part numbers for the Chimney System required for your specific venting application.

Refer to the chimney manufacturer's installation manual for complete installation instructions. Installation must conform with the venting requirements & restrictions as outlined in this manual.

IMPORTANT: Consult the local and national installation codes to assure that adequate combustion and ventilation air is available.
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
- Electrical box - 3 ft. (G) **DO NOT INSTALL ABOVE AN ELECTRICAL BOX!**
- Non-mechanical air supply inlet to building - 12"
- Combustion air inlet to any other appliance - 12"
- Mechanical air supply inlet - 6 ft. (H)
- Above furnace exhaust or inlet - 12"
- Above paved side-walk or paved driveway located on public property - 7 ft. *(I)*
- Under veranda, porch, deck, or balcony (must be fully opened on a min. of 2 sides) - 12" *(J)*
- Between two horizontal terminations - 12"
- Between two vertical terminations - 12" *(K)* - Note: May be the same height.

* A vent cannot be located directly above a side-walk or paved driveway that is located between two single family dwelling and serves both dwellings.

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*CHECK LOCAL & STATE BUILDING CODES FOR ADDITIONAL REQUIREMENTS AND/OR RESTRICTIONS.*
MINIMUM / MAXIMUM VENTING REQUIREMENTS:

Minimum vertical vent run: 2 ft.
Maximum vertical vent run: 32 ft.

RESTRICTOR REQUIREMENTS: Optional, depending on venting configuration.

Minimum horizontal vent run: 9 in.
Maximum horizontal vent run: 12 ft.*

*IMPORTANT: 1/4" incline per horizontal foot must be maintained.

Elbows: (1) 90-degree elbow is included within the maximum vent runs. Each additional elbow for horizontal terminations reduces the maximum horizontal run allowed by 3'. Each additional elbow for vertical terminations reduces the maximum vertical rise allowed by 3'.
**HORIZONTAL TERMINATIONS**

**EXAMPLE OF TYPICAL HORIZONTAL TERMINATION**

The minimum horizontal venting configuration is 2 ft. vertical from the top of the fireplace followed by a 90-degree elbow, then 9 in. min. horizontal thru exterior wall. See figure 4.

**IMPORTANT: PASS-THRU WALL THICKNESS:**
The Dura-Vent DV-GS 4" x 6 5/8" wall thimble is designed for a minimum wall thickness of 4" and maximum wall thickness of 7 1/2".
The Ameri-Vent 4" x 6 5/8" wall thimble is designed for a minimum wall thickness of 4 1/2" and maximum wall thickness of 8 1/2".

**FIGURE 4**

**VERTICAL TERMINATIONS**

**EXAMPLE OF TYPICAL VERTICAL TERMINATION**

**Figure 5**

<table>
<thead>
<tr>
<th>Roof Pitch</th>
<th>Minimum Height (Feet)</th>
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</thead>
<tbody>
<tr>
<td>Flat to 6/12</td>
<td>1</td>
</tr>
<tr>
<td>6/12 to 7/12</td>
<td>1.25</td>
</tr>
<tr>
<td>7/12 to 8/12</td>
<td>1.50</td>
</tr>
<tr>
<td>8/12 to 9/12</td>
<td>2</td>
</tr>
<tr>
<td>9/12 to 10/12</td>
<td>2.50</td>
</tr>
<tr>
<td>10/12 to 11/12</td>
<td>3.25</td>
</tr>
<tr>
<td>11/12 to 12/12</td>
<td>4</td>
</tr>
<tr>
<td>12/12 to 14/12</td>
<td>5</td>
</tr>
<tr>
<td>14/12 to 16/12</td>
<td>6</td>
</tr>
<tr>
<td>16/12 to 18/12</td>
<td>7</td>
</tr>
<tr>
<td>18/12 to 20/12</td>
<td>7.50</td>
</tr>
<tr>
<td>Flat to 6/12</td>
<td>8</td>
</tr>
</tbody>
</table>
The **OPTIONAL** restrictor plate included in the fireplace components packet can be installed as either a large or small restrictor, depending on your specific venting configuration. It is sized as the 'large' restrictor. To reduce the restrictor to a smaller size, remove one or both sections (without the tabs) at perforation and discard, figure 6A.

There are several factors which can affect proper draft of the vent system and burner operation of the 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 A RESTRICTOR IF THE VENTING CONFIGURATION IS AT THE MINIMUM VENTING REQUIREMENTS!

**INSTALLING THE RESTRICTOR:**

The restrictor may be placed inside the 4" exhaust pipe on the fireplace either from the top the fireplace before connection of the chimney to the fireplace is made or from inside the firebox. Access to the 4" exhaust collar from inside the firebox can be gained by removing the nuts securing the exhaust baffle at the back.

**ALTERNATE METHOD:** The restrictor may be placed inside the 4" exhaust pipe on the last section of chimney before the termination cap is installed.

To install the restrictor, refer to figure 6B and bend the tabs 'up' far enough (approximately 80°) so that when positioned into the exhaust pipe, will create tension to hold itself in place. Do not over bend tabs! Slide the restrictor into the exhaust pipe with the tabs pointing toward you.

**IMPORTANT:** REPLACE THE EXHAUST BAFFLE AFTER RESTRICTOR HAS BEEN INSTALLED OF YOU USED THE 'ALTERNATE METHOD' INSTALLATION!
FAN INSTALLATION (OPTIONAL)

AN OPTIONAL FAN KIT, PART DUL-028, IS AVAILABLE FOR BOTH MODELS AND MAY BE PURCHASED FROM YOUR DEALER.

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

This optional fan kit includes:
- Right & left fan assemblies - mounted
- Temperature control switch with magnet attached
- Fan shield
- (4) Flange nuts
- (5) Phillips head screws (black)

NOTE: We recommend that a electrical outlet be installed near the location of the fireplace.

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

Assembly & Installation

1. Attach the fan shield to the fan assembly by aligning the holes in the shield to the holes in the fan assembly and secure with the phillips head screws, provided. Figure 7A.

![Figure 7A](image)

Refer to Figure 7B for steps #2 - #4:

2. Locate the (4) mounting studs underneath the fireplace (at the back).
3. Partially thread the (4) nuts (provided) onto the mounting studs.
4. Place the fan assembly under the fireplace. Lift the fan up and place the slots in the fan bracket between the nuts and bottom side of the fireplace.

![Figure 7B](image)

5. Pull the upper flange on the fan shield slight out, then up over the cast iron bottom (at the back). Figure 7C

![Figure 7C](image)

6. Secure fan in place by tightening the nuts. Figure 7B

![Figure 7B](image)
7. Mount the speed control box onto the left side of the gas valve control dashboard by aligning the holes in the box to the holes in the dashboard and secure with the (2) black phillips head screws, one in each of the mounting holes. Refer to Figure 7D above.

8. Place the temperature control switch (magnet attached) onto the bottom of the firebox as close to the center as possible. Refer to Figure 7E above.

9. Plug the 3-prong plug on the fan cord into a properly grounded three-prong receptacle.
10. Turn the speed control clockwise until it 'clicks'. Adjust the speed while the fan is in operation.

This appliance must be electrically connected and grounded in accordance with local codes or, in the absence of local codes, with the current NFPA 70 - National Electrical Code.
POSITION THE UNIT

1. Determine the exact position of your fireplace and location where the chimney will exit to the outside. If possible place the fireplace in such a manner that the piping will be placed between two studs so additional framing is not necessary. Refer to figure 2A and figure 2B on pages 2 & 3.

**NOTE:** A hearth or platform is not required. If a hearth is desired, wood is the only combustible material that may be used. Non-combustible materials are acceptable.

When the unit is installed directly on carpeting, tile, or other combustible material other than wood flooring, it must be installed on a metal or wood panel extending the full width and depth of the unit.

**HORIZONTAL TERMINATIONS:**

Frame an opening for the chimney termination. Refer to the vent pipe manufacturer’s instructions for specific height (H) and width (W) framing dimension.

The top of this opening must allow a minimum 1 ½" clearance from the top of the chimney system pipe. To achieve the minimum venting requirements, a minimum of 57" from the floor or platform the fireplace is setting on to the top of the pipe is required. See figure 8.

**IMPORTANT:** This minimum measurement is determined by the vertical height and horizontal length of your venting application desired. Refer to pages 3-7 of this installation manual for requirements and restrictions.

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

Figure 8

2. Ensure the proper clearances are followed as outlined on pages 2 & 3.

3. Complete chimney installation by following the installation instructions included with the chimney system.

Refer also to pages #3 & #6 of this manual for typical horizontal termination diagram.
VERTICAL TERMINATIONS

IMPORTANT: THIS UNIT IS APPROVED FOR USE WITH THE FOLLOWING DIRECT VENT CHIMNEY SYSTEMS:
- Simpson Dura-Vent DV-GS 4" x 6 5/8"
- Ameri-Vent Direct Vent 4" x 6 5/8"

IMPORTANT: Restrictor usage is optional, depending on your specific venting configuration. Refer to page #7 for complete information.

Complete installation of chimney system by following the installation instructions included with the chimney system.

Refer also to pages #3 - #6 of this manual for vertical termination requirements.

B) SET THE UNIT INTO POSITION:

MOBILE HOME INSTALLATIONS: THE UNIT MUST BE SECURED TO THE FLOOR OR HEARTH.

1. REMOVE THE CAST IRON DOOR ASSEMBLY
   See figure 9A.
   - A. Pull the bottom of the cast iron door assembly out and lift it up off the 1/4" rod located behind the assembly.
   - B. Locate the cast iron glass latching bar below the glass frame.
   - C. To release the glass assembly, grasp the two knobs on the front of the latch bar and pull out, then immediately down. The latch bar will slide under the 2 latch brackets on the bottom of the glass assembly. The glass assembly will now be in the unatched position.
   - D. Pull the bottom of the glass assembly out releasing the tabs at the back of the glass assembly from the slots in the firebox face, then lift up off of the tabs at the top of the firebox.
   - E. Set them both aside where there will not be broken.
   - F. Remove the log package from inside the firebox.

2. REMOVE THE GLASS ASSEMBLY
   See figure 9B.

C) INSTALL THE CHIMNEY SYSTEM. See figures 4 & 5.

Refer to the instruction manual for the chimney system you are installing for complete detail of the chimney system. Installation must conform with the requirements as outlined in this manual.
D) RUN THE GAS LINE.


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

| NATURAL GAS ONLY: The minimum inlet gas supply pressure: 5.0 inches W.C. |  
| 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. |  
| Orifice size (0-2000 ft): 42 | Input Rating: 23,000 BTU/Hr. Minimum Input Rating: 16,000 BTU/Hr. Efficiency: Steady State: 70.4% AFUE: 69.65% |  
| LP GAS ONLY: The minimum inlet gas supply pressure: 11.0 inches W.C. |  
| The maximum inlet gas supply pressure: 13.0 inches W.C. |  
| Manifold Pressure: 10.0 inches W.C. |  
| Manifold Pressure (lo setting): 5.4 inches W.C. |  
| Orifice size (0-2000 ft): 54 | Input Rating: 22,500 BTU's Minimum Input Rating: 15,000 BTU/Hr. Efficiency: Steady State: 69.96% AFUE: 69.15% |  

This unit is equipped with a 3/8" flexible gas line connection 12" long.

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

CAUTION: See the WARNING label affixed to the flexible gas line for additional installation instructions and warnings.

1. Run the gas line. An accessible shut off valve (included with the unit) must be installed up stream from the regulator.

IMPORTANT: DO NOT RUN THE GAS LINE IN A MANNER THAT WOULD OBSTRUCT THE OPERATION OF THE OPTIONAL FAN.

2. This unit 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. Connect the manual shut off valve to the previous run gas line.

4. Connect the flexible gas line (installed on the millivolt board gas valve) to the manual shut off valve.

IMPORTANT:

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

NOTE: This appliance and its individual appliance main gas valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psi.

NOTE: This appliance must be isolated from the gas supply piping system by closing its equipment shut off valve during any pressure testing of the gas supply piping systems at test pressures equal to or less than 1/2 psi.

Pressure check taps for both the manifold (outgoing) and inlet (incoming) pressures are located in front of the gas valve. The bottom pressure tap is the manifold pressure and the top pressure tap is the incoming pressure. Follow instructions on page #20 for checking these pressures.
MILLIVOLT BOARD REMOVAL / INSTALLATION.

NOTE: This unit is equipped with the millivolt board system already installed. Follow these procedures should it need replacing or is removed for servicing.

MILLIVOLT BOARD REMOVAL:

CAUTION: If the burner and/or pilot has been burning, the logs will be warm and will continue to hold heat. Use the appropriate protection when handling the logs or any component on the millivolt board to avoid personal injury or burns. Place them on a protected surface upon removal to avoid damage to flooring or personal property.

1. Turn the black control knob to the ‘OFF’ position.
2. Shut off the gas supply at the manual shut off valve.
3. Disconnect the flexible gas line from the manual shut off valve.
4. Disconnect the on/off rocker switch wires from the top & bottom terminals on the valve.
5. Remove the fan speed control from the dashboard panel, if used.
6. Disconnect any remote control, wall switch or thermostat wires from the valve.
7. Remove the cast iron door assembly and arched glass assembly. See page #11 for instructions.
8. Remove the klinkers, embers, and logs. Set aside where they will not be broken.
9. To remove the burner tube, lift the front of the tube up off the tabs and slide it to the left off the burner orifice. Remove from the firebox and set aside. Figure 10A.
10. Remove the front & back log plates and set aside. Figure 10A.
11. Loosen and remove the (6) 1/4" nuts securing the board. Carefully lift the board up off the (6) mounting studs and remove the board from the unit. Figure 10B.
INSTALLING THE MILLIVOLT BOARD:

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

REFER TO FIGURES 10A & 10B ON PAGE FOR STEPS 1-5.

1. Place the board into the unit, lining up the six 1/4" holes to the six mounting studs. Figure 10B

CAUTION: BEFORE SECURING THE BOARD INTO PLACE, MAKE CERTAIN THAT ALL OF THE WIRES (ATTACHED UNDER THE BOARD) ARE CLEAR AND UNOBSSTRUCTED.

2. Attach the 1/4" nuts (included with the board assembly) and tighten. Figure 10B
3. Align the holes in the back log plate to the back tabs on the millivolt board and set down into position as shown in figure 10A.
4. Install the front log plate onto front tabs on the millivolt board as shown in figure 10A.
5. Install the burner tube by positioning it over the burner orifice and aligning the front mounting holes at the sides of the burner tube onto the tabs on the millivolt board and 'snap' into position. See figure 10A.
6. Connect the flexible gas line to the manual shut off valve.
7. Reconnect any remote control, wall switch or thermostat wires onto the top & bottom terminals on the gas valve.
8. Reconnect the on/off rocker switch wires if a remote control, wall switch, or thermostat is not being use.
9. Attach the fan speed control to the dashboard panel, if used.
10. Replace the logs, embers & klinkers. Refer to page #15.
11. Replace the glass assembly and cast iron door assembly. Refer to page #11.
12. Check all connections, whether field or factory made, for leaks.
13. Verify proper operation of unit and log position.

IMPORTANT: CHECK ALL CONNECTIONS, WHETHER FIELD OR FACTORY MADE FOR LEAKS.
LOG INSTALLATION.

This 6 pc. log set includes: (1) DU log (1) OB2 log (1) OB3 log
(2) OB5 log (1) C-log (1) Klinkers Packet
(1) Embers Packet

BASE LOGS & EMBERS INSTALLATION:

- Set the DU, OB2, and OB3 logs into position on the millivolt board as shown in figures 13A & 13B.

- NOTE: The front of the 'DU' log should be against the back side of the burner tube.

- Pull the OB2 and OB3 logs forward as close to the burner as possible.

- Place a row of klinkers in front of the burner tube. (See figure 13C.)

- Place approximately 6 embers onto the back burner tube and 8-10 embers onto the front burner tube, spacing them no less than 1/4" apart. (See figure 13C.)

CAUTION: DO NOT COVER THE BURNER PORT HOLES IN FRONT OF THE PILOT. BLOCKING THESE PORTHOLES MAY RESULT IN DELAYED IGNITION OF THE BURNER.

Note: You will not use all the embers included in the packet at this time. Save for future use.

TOP LOGS:

- Align the holes in the bottom of the (2) OB5 logs and 'C' log onto corresponding pins on the base logs as shown in figure 13C.

- NOTE: The OB5 logs should be positioned with the 'burnt' area on the inside as shown in figure 13C.

INITIAL BURN PERIOD

NOTE: During the initial burn period, the logs and refractory will discolor. This is normal and part of the curing process. Once the curing process is complete, (approximately 2-4 hrs.) the true color will return.

DO NOT BURN THIS FIREPLACE WITHOUT THE GLASS ENCLOSURE IN PLACE.
THERMOSTAT - WALL SWITCH - REMOTE CONTROL INSTALLATION (optional).

CAUTION: DO NOT connect high voltage (115 V) wire to the switch.

1. If desired, a thermostat, wall switch or remote control unit may be used to turn the unit off and on. Only one of these may be installed. Follow instructions included with each kit.

IMPORTANT: No high voltage (115v) is required to operate any of these systems.

OPTIONAL: Disconnect the on/off rocker switch wires from the top & bottom terminals on the gas valve.

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

WALL SWITCH / THERMOSTAT USERS:

Run low-voltage (thermostat) wire from the top and bottom terminals on the gas valve to the desired location of the thermostat or wall switch. Attach the appropriate connector to each wall switch / thermostat wire and connect to the top and bottom terminals on the gas valve.

REMOTE CONTROL INSTALLATIONS USING #791-1 RECEIVER MOUNT:

IMPORTANT: The wires included with the remote control must be reduced to 9" in length. Measure from the female connector 9", cut off excess and discard. Re-strip the cut end to allow proper connection to the receiver.

Complete installation of the remote control & receiver mount by following the instructions included.

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

Remote Control Wiring Diagram

Figure 14B

The on/off rocker switch (located on the lower right side of the fireplace) must be in the ‘off’ position if any of the above systems are installed on the unit.

Note: The fireplace must be turned ‘on’ and ‘off’ by the same method. For example: If the fireplace is turned ‘on’ by the remote, it must be turned ‘off’ by the remote.
COMPLETE THE INSTALLATION

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

Perform lighting and shutdown procedures as described on pages #18-#19. This should be done prior to replacing the glass so that any necessary adjustments can be made and proper operation verified.

2. SEASONAL HEAT DUMP:

This fireplace has been manufactured with an adjustable heat dump outlet inside the firebox (at the top). This will allow infinite control over the amount of heat emitted into the living area without affecting the flame.

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.

ATTENTION INSTALLER: Please install the fireplace with this heat vent damper in the closed position.

TO ADJUST: Remove the cast iron door assembly & glass assembly, open or close the damper as desired, then replace the glass assembly & cast iron door assembly.

HEAT OUTLET SHOWN IN CLOSED POSITION.

HEAT OUTLET SHOWN IN PARTIAL OPENED POSITION.

4. Replace the glass & cast iron door assembly. Refer also to page #11.

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) Pull the knobs on the latch bar first out, then up and release.
D) The glass assembly is now secured.
E) Align the mounting brackets on the back side of the cast iron door assembly onto the mounting rod at the top of the fireplace and set down into position. The door assembly should set between the side frames.

WARNING: DO NOT OPERATE THIS FIREPLACE WITH THE GLASS ASSEMBLY REMOVED, CRACKED OR BROKEN. Replacement of the glass assembly, PART #70011T (glass with gasket), should be done by a licensed or qualified service person.
LIGHTING AND SHUTDOWN.

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 appliance main gas 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 equipment 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 top pressure tap is the manifold pressure and the bottom pressure tap is the incoming pressure. Follow instructions on page #20 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.

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 for gas. Be sure to smell next to the floor because some gas is heavier that air and will settle on the floor.

C. 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.

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 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**

Refer to figure below:

1. **STOP!** Read safety information above.
2. Lift up the 'Kozy Heat' panel under the fireplace to access the gas valve and controls. Push the panel ‘in’ slightly and it will stay in position.
3. Set the thermostat to the lowest setting. (If installed)
4. Turn off all electric power to the appliance. (Fan)

![Diagram of the gas valve and fireplace](image)

5. Push in control knob (A) slightly and turn clockwise to "OFF". Do not force.

**NOTE:** Knob cannot be turned from "PILOT" to "OFF" unless knob is pushed in slightly. Do not force.
6. Wait five (5) minutes to clear out any gas. If you then smell gas, STOP! Follow the safety information above. If you don’t smell gas, go to the next step.

7. Find the pilot - follow metal tube from gas control. The pilot is behind the burner tube.

8. Turn the control knob (A) on the gas valve counterclockwise ✓ to "PILOT". Pilot

9. Push in the black control knob all the way and hold in. Press the RED 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 step
   - If knob does not pop up 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.

10. Turn control knob (A) counterclockwise ✓ to "ON".

11. Flip the ON/OFF switch (C) located at the lower right side of the fireplace, to the "ON" position. If using a thermostat, leave on/off switch 'OFF' and set the thermostat to desired setting.

12. Close the 'Kozy Heat' panel.

13. Turn on electric power to the fireplace.

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.

14. If you wish to turn the burner off, flip the on/off switch to the ‘OFF’ position.

   If a wall switch has been installed, simply turn it off. If a thermostat has been installed, simply adjust temperature setting. NOTE: The pilot will stay lit.

TO TURN GAS OFF TO APPLIANCE

1. Lift up the ‘Kozy Heat’ panel under the fireplace to access the gas valve and controls. Push the panel ‘in’ slightly and it will stay in position.

2. Set the thermostat to the lowest setting. (If installed)

3. Turn off all electric power to the appliance if service is to be performed.

4. Push in control knob(A) slightly and turn clockwise ✓ to "OFF". Do not force.


KEEP BURNER & CONTROL COMPARTMENT CLEAN. SEE INSTALLATION AND OPERATING INSTRUCTIONS ACCOMPANYING APPLIANCE.

---

INITIAL BURN PERIOD

AN ODOR WILL OCCUR DURING THE FIRST FEW HOURS OF BURNING. THIS IS THE PAINT CURING AND SUBSTANCES USED IN THE MANUFACTURING PROCESS. IT IS RECOMMENDED TO LEAVE THE FAN (IF INSTALLED) OFF DURING THIS PERIOD AS IT WILL SPEED UP THE PAINT CURING PROCESS.

DUE TO THE MAKEUP OF THE LOGS & REFRAC TORY, THEY WILL DISCOLOR DURING THE INITIAL BURNER PERIOD. THIS MAY TAKE UP TO 4 HOURS OF BURN TIME. ONCE THE CURING PROCESS IS COMPLETE, THE TRUE COLOR WILL RETURN.

IMPORTANT: DO NOT BURN THIS FIREPLACE WITHOUT THE GLASS ENCLOSURE 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 TO DUE METAL EXPANSION AND CONTRACTION. THIS IS NORMAL AND DOES NOT AFFECT THE PERFORMANCE OR LONGEVITY OF THE FIREPLACE.
PRESSURE TESTING
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 Robertshaw. The bottom pressure tap is the manifold pressure and the top 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 [C] by turning the screw counter-clockwise.
3. Attach manometer to pressure tap using a 5/16” I.D. hose [E].
4. Turn black control knob [A] to the 'on' position.
5. Turn the burner on by depressing the rocker switch [B] to the 'ON' and note manometer reading.
6. Depress the rocker switch [B] to the 'OFF' position.
7. Disconnect manometer hose and tighten screw (clockwise). NOTE: Screw should be snug, do not over tighten.
8. Attach manometer to manifold pressure tap to verify that it is completely sealed.
   NOTE: 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[D] by turning screw counter-clockwise.
2. Attach manometer using a 5/16” I.D. hose [E].
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. Depress the rocker switch [B] to the 'ON' position and check the pressure to ensure that it stays near the maximum inlet pressure.
6. Depress the rocker switch [B] 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 16

Note: ON/OFF switch is located on the lower right frame of the fireplace.
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. 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.

The flow of combustion and ventilation air must not be obstructed.

1. Remove the cast iron door assembly and glass assembly from the front of the unit.
2. For easier access, remove the klinkers, embers & logs.
3. Cover or remove the millivolt board.
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 & secure the nuts.
7. Replace the logs, embers, klinkers, glass assembly and cast iron door assembly.

IF THE VENT-AIR INTAKE SYSTEM IS DISASSEMBLED FOR ANY REASON, REINSTALL PER THE INSTRUCTIONS PROVIDED WITH THE INITIAL INSTALLATION.

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

1. Annual cleaning of the burner is required. The burner tubemay be removed for easier access. Refer to pages 13 & 14 for removal & installation instructions.

2. Visually check for blocked port holes, especially near the pilot. Blocked port holes may cause delayed ignition.

3. Visually check the pilot light and burner when they are burning. See Figure below. The flames should be steady, not lifting or floating.

GLASS CLEANING & REPLACEMENT
- Clean glass only when cool and only with non-abrasive cleansers.
- Do not operate this fireplace with the glass/frame assembly removed, cracked or broken. If broken, remove all glass segments and assembly prior to replacement.
- The glass assembly, part #70011T, shall only be replaced as a complete unit as supplied by Hussong Manufacturing Co., Inc. Refer to page #10 for glass assembly removal instructions.
- Replacement of the glass & gasket assembly, Part #70011T, must only be performed by a licensed or qualified service person. DO NOT SUBSTITUTE MATERIALS.
- Do not strike or slam glass assembly shut.

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

NOTE: The regulator board includes the following items: Regulator, generator, pilot, 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 unit fails to ignite a qualified service person should check the unit installation.

2. It is imperative that the control compartment, burner and circulation air passageways of the unit be kept clean. This is necessary to provide adequate combustion and ventilation air.

3. All of the working parts of this unit can be removed at one time. Before removing regulator board, check for loose wires.

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>CAUSE</th>
<th>SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. No spark when piezo button is depressed</td>
<td>The nut which holds the piezo in place is loose.</td>
<td>Tighten nut.</td>
</tr>
<tr>
<td></td>
<td>Wire on back of piezo button is loose or off.</td>
<td>Put wire back into place.</td>
</tr>
<tr>
<td></td>
<td>Wire from piezo to electrode is loose at electrode.</td>
<td>Reconnect wire.</td>
</tr>
<tr>
<td></td>
<td>Electrode moved out of position.</td>
<td>Realign electrode with 1/8&quot; space between it and pilot.</td>
</tr>
<tr>
<td>2. Pilot won't light</td>
<td>Gas shut off.</td>
<td>Turn Gas On.</td>
</tr>
<tr>
<td></td>
<td>Gas line not purged.</td>
<td>Must be purged by qualified service technician.</td>
</tr>
<tr>
<td></td>
<td>Gas line not bled out.</td>
<td>Hold control knob in long enough to bleed out line.</td>
</tr>
<tr>
<td></td>
<td>No spark at piezo.</td>
<td>See problem #1.</td>
</tr>
</tbody>
</table>

![Diagram of fireplace components](image_url)

FIGURE 17

Page 22
<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>CAUSE</th>
<th>SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Pilot won't stay lit</td>
<td>Not holding pilot button in long enough.</td>
<td>Hold button in longer to heat thermocouple.</td>
</tr>
<tr>
<td></td>
<td>Thermocouple connection loose.</td>
<td>Check connection on valve and tighten if necessary.</td>
</tr>
<tr>
<td></td>
<td>Pilot hood misdirecting pilot flame from thermocouple.</td>
<td>Check pilot flame location. Flame must be burning on the generator and thermocouple.</td>
</tr>
<tr>
<td></td>
<td>Regulator valve not turned &quot;on&quot;.</td>
<td>Turn valve to &quot;on&quot;.</td>
</tr>
<tr>
<td></td>
<td>Rocker switch not turned &quot;on&quot;.</td>
<td>Press switch to the &quot;on&quot; position.</td>
</tr>
<tr>
<td></td>
<td>Rocker switch wire not connected.</td>
<td>Check to ensure that all wires are secure.</td>
</tr>
<tr>
<td></td>
<td>Remote control not connected properly or turned to wrong setting. See figure 10B.</td>
<td>Connect properly or disconnect and use on/off switch only.</td>
</tr>
<tr>
<td>5. Burner won't lit or stay lit</td>
<td>Generator wires loose at regulator terminals.</td>
<td>Reposition wire and tighten screws.</td>
</tr>
<tr>
<td></td>
<td>Generator wire grounded out due to pinching of wires.</td>
<td>Nuts on regulator board may need loosening to remove pinched wire.</td>
</tr>
</tbody>
</table>
REPLACEMENT PARTS

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

**MILLIVOLT BOARD AND PARTS**

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DUL400</td>
<td>Millivolt board - Natural Gas</td>
</tr>
<tr>
<td>DUL401</td>
<td>Millivolt board - LP Gas</td>
</tr>
<tr>
<td>700023</td>
<td>On/Off Rocker Switch</td>
</tr>
<tr>
<td>700032</td>
<td>Piezo Ignitor with nut</td>
</tr>
<tr>
<td>700036</td>
<td>Millivolt Generator</td>
</tr>
<tr>
<td>700039</td>
<td>Hi/Lo Adjustable Regulator - Natural Gas</td>
</tr>
<tr>
<td>700040</td>
<td>Hi/Lo Adjustable Regulator - LP Gas</td>
</tr>
<tr>
<td>700053</td>
<td>Natural Gas - Robertshaw Gas Valve</td>
</tr>
<tr>
<td>700054</td>
<td>LP Gas - Robertshaw Gas Valve</td>
</tr>
<tr>
<td>700055</td>
<td>Pilot / Generator / Thermocouple Assembly - Natural Gas</td>
</tr>
<tr>
<td>700056</td>
<td>Pilot / Generator / Thermocouple Assembly - LP Gas</td>
</tr>
<tr>
<td>700059</td>
<td>Thermocouple</td>
</tr>
<tr>
<td>700060</td>
<td>Flexible Pilot Tubing - (Valve to pilot)</td>
</tr>
<tr>
<td>700203</td>
<td>Manual Shut off Valve</td>
</tr>
<tr>
<td>700213</td>
<td>Flexible Gas Line - 18&quot;</td>
</tr>
<tr>
<td>700224</td>
<td>Flexible Gas Line - 24&quot; (Valve to Burner orifice connection)</td>
</tr>
<tr>
<td>700242</td>
<td>#42 Burner Orifice - Natural Gas</td>
</tr>
<tr>
<td>700254</td>
<td>#54 Burner Orifice - LP Gas</td>
</tr>
<tr>
<td>700266</td>
<td>Pilot Orifice - Natural Gas</td>
</tr>
<tr>
<td>700267</td>
<td>Pilot Orifice - LP Gas</td>
</tr>
<tr>
<td>OKA035</td>
<td>Burner Tube</td>
</tr>
</tbody>
</table>

**REMOTE CONTROLS / THERMOSTAT**

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>796-2</td>
<td>Remote Control with Thermostat</td>
</tr>
<tr>
<td>797-1</td>
<td>Remote Control</td>
</tr>
<tr>
<td>791-1</td>
<td>Receiver Mount - Dashboard</td>
</tr>
<tr>
<td>700038</td>
<td>Wall-Mount Thermostat</td>
</tr>
</tbody>
</table>

**GLASS VALANCE**

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>70011T</td>
<td>11&quot; x 17&quot; glass with tadpole gasket</td>
</tr>
<tr>
<td>900006</td>
<td>Tadpole Glass Gasket</td>
</tr>
<tr>
<td>OKA005</td>
<td>Replacement valance w/o glass</td>
</tr>
</tbody>
</table>

**LOGS AND REFRACTORY**

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DUL500</td>
<td>Log set</td>
</tr>
<tr>
<td>OKA900</td>
<td>Refractory</td>
</tr>
</tbody>
</table>

**RETRACTOR PLATE**

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>900085</td>
<td>Restrictor (convertible)</td>
</tr>
</tbody>
</table>

**GAS CONVERSION KIT**

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OCK-342</td>
<td>Natural Gas Conversion Kit</td>
</tr>
<tr>
<td>OCK-354</td>
<td>LP Gas Conversion Kit</td>
</tr>
</tbody>
</table>

**FAN**

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DUL028</td>
<td>Fan Kit</td>
</tr>
</tbody>
</table>

**MISCELLANEOUS**

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>300604</td>
<td>12 oz. Aerosol touch up paint - Satin Black</td>
</tr>
</tbody>
</table>

**THIS APPLIANCE HAS BEEN TESTED AND CERTIFIED BY:**

OMNI-Test Laboratories, Inc.
5465 SW Western Avenue
Beaverton, Oregon 97075

**U.S. PATENT NUMBER 5,931,154**
**U.S. PATENT NUMBER 6,004,493**

Model #55801 ‘Duluth’
US INSTALLATIONS ONLY
July 2003

MANUFACTURED BY:
Hussong Manufacturing Company, Inc.
204 Industrial Park Drive
Lakefield, MN 56150

Page 24
KOZY HEAT GAS BURNING FIREPLACE
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. warranties 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.

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 of 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

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: ____________________________

ADDRESS: ___________________________________

_____________________________________________

INSTALLATION DATE: __________

MODEL#: __________ SERIAL #: __________

TELEPHONE #: __________________

INSTALLER NAME: ____________________________

ADDRESS: __________________________________

____________________________________________

TELEPHONE #: __________________

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