INSTALLATION & OPERATING MANUAL

MODELS:       #56161 'Okabena'
               #56150 'Lakefield'

Free-Standing Direct Vent
Fireplace

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

GLOBAL POSITIONING: N43° 40.177' W095° 10.662'

www.kozyheat.com

June 2004
<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Requirements / Specifications</td>
<td>1-2</td>
</tr>
<tr>
<td>Clearances</td>
<td>3</td>
</tr>
<tr>
<td>Venting Guidelines</td>
<td>4-9</td>
</tr>
<tr>
<td>Fan Installation (Optional)</td>
<td>10</td>
</tr>
<tr>
<td>Position the Unit</td>
<td>11-12</td>
</tr>
<tr>
<td>Chimney Framing Dimensions</td>
<td>11</td>
</tr>
<tr>
<td>Set the Unit into Position</td>
<td>12</td>
</tr>
<tr>
<td>Removing the Arched Glass Assembly</td>
<td>12</td>
</tr>
<tr>
<td>Install the Chimney</td>
<td>12</td>
</tr>
<tr>
<td>Gas Line Installation Requirements - Minimum/Maximum Pressures</td>
<td>13</td>
</tr>
<tr>
<td>Millivolt Board Removal / Installation</td>
<td>14-16</td>
</tr>
<tr>
<td>Log Installation</td>
<td>17-18</td>
</tr>
<tr>
<td>Thermostat - Remote Control - Wall Switch Installation</td>
<td>18-19</td>
</tr>
<tr>
<td>Completing the Installation:</td>
<td>20</td>
</tr>
<tr>
<td>Extension Knobs (Model #56150)</td>
<td>20</td>
</tr>
<tr>
<td>Seasonal Heat Dump Adjustment</td>
<td>20</td>
</tr>
<tr>
<td>Replace the Glass</td>
<td>20</td>
</tr>
<tr>
<td>Lighting &amp; Shutdown Procedures</td>
<td>21-22</td>
</tr>
<tr>
<td>Manifold (outgoing) &amp; Inlet (incoming) Pressure Check Procedures</td>
<td>23</td>
</tr>
<tr>
<td>Maintenance Requirements</td>
<td>24</td>
</tr>
<tr>
<td>Troubleshooting</td>
<td>25-26</td>
</tr>
<tr>
<td>Replacement Parts</td>
<td>27</td>
</tr>
<tr>
<td>Warranty Policy</td>
<td>28-29</td>
</tr>
</tbody>
</table>
INSTALLATION & OPERATING INSTRUCTIONS

IMPORTANT:

READ THIS MANUAL BEFORE INSTALLING AND USING THIS FIREPLACE

MODELS #56161 'OKABENA' & #56150 'LAKEFIELD' FREESTANDING DIRECT VENT FIREPLACES

This fireplace has been tested to and complies with ANSI Z21.88-2002 • CSA 2.33-M02 “VENTED GAS FIREPLACE HEATERS” by Intertek Testing Services, Middleton, Wisconsin. 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.

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

This appliance may be installed in an aftermarket permanently located, manufactured (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: 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.

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

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:

Model #56161 Okabena: (Figure 1A)
HEIGHT: 24 3/4"  WIDTH (EXCLUDING LEGS): 22 3/4"
DEPTH:  14 1/2"  WIDTH (INCLUDING LEGS): 24"
FLUE SIZE: 4" exhaust, 6 5/8" intake

Figure 1A

Model #56150 Lakefield: (Figure 1B)
HEIGHT: 27 3/4"  WIDTH (EXCLUDING LEGS): 26 1/4"
DEPTH:  17 1/4"  WIDTH (INCLUDING LEGS): 27 1/2"
FLUE SIZE: 4" exhaust, 6 5/8" intake

Figure 1B
CLEARANCES:

The following clearances to combustibles must be maintained:

- Unit* to sidewall: 7"
- Unit* to backwall: 5"
- Unit top to ceiling: 47"
- From flue vent: 1"

*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, part #942, is used for a minimum wall thickness of 4" and maximum wall thickness of 7 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.

Figure 2A

NOTE: Corner diagram dimensions above are for model #56150 - Lakefield

Figure 2B

NOTE: Corner diagram dimensions in figure 2B are for model #56161 - Okabena.
VENTING GUIDELINES

MODELS #56161 & #56150 ARE APPROVED FOR USE WITH SIMPSON DURA-VENT DV-GS CHIMNEY SYSTEM 4" X 6 5/8" FOR HORIZONTAL AND VERTICAL TERMINATIONS.

IMPORTANT: Models #56161 & #56150 are manufactured with the appropriate adaptor for proper connection of the Simpson Dura-Vent DV-GS Chimney System.

Contact your dealer for the appropriate vent kit and components part numbers for the Simpson Dura-Vent DV-GS 4" x 6 5/8" Chimney System required for your specific venting application.

Refer to the Simpson Dura-Vent DV-GS for 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.

MINIMUM / MAXIMUM VENTING REQUIREMENTS:

Minimum vertical vent run: MODEL #56161 Okabena: 2 ft.  MODEL #56150 Lakefield: 3 ft.

Maximum vertical vent run: 40 ft.

RESTRICTOR REQUIREMENTS:  MODEL #56161 Okabena:

Small restrictor is required on all vertical vent runs.

MODEL #56150 Lakefield:

Small restrictor: Straight vertical vent runs between 10' - 15'.
Large restrictor: Straight vertical vent runs between 15' - 40'.

Minimum horizontal vent run: MODELS #56161 Okabena & #56150 Lakefield: 1 ft.

Maximum horizontal vent run:

MODEL #56161 Okabena: 20 ft.*
MODEL #56150 Lakefield: 21 ft.*

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

Elbows: (2) 90-degree elbows are included within the maximum vent runs. Each additional elbow reduces the maximum horizontal by 5'.
MODEL #56161 ‘OKABENA’

Small restrictor required for all vertical vent runs.

MODEL #56150 ‘LAKEFIELD’

Large restrictor required for 15' - 40' vent runs.

Small restrictor required for 10' - 15' vent runs.
TERMINATION VENT CAP LOCATION

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

GENERAL:

1. Termination 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 not be obstructed.

LOCATION CLEARANCES:

1. Above grade, veranda, porch, deck, balcony - 12". (A)
2. Operable door or window - 12" (B)
3. Permanently closed window - 12" (recommended to prevent condensation on window. (C)
4. Ventilated soffit - 24" (D)
5. Unvented soffit - 12" (E)
6. Outside / inside corner - 12" (F)
7. Meter / Regulator: not to be installed above within 3 ft. horizontally from the center line of the regulator.
8. Service regulator vent outlet - 3 ft. radius
9. Electrical box - 3 ft. (G) DO NOT INSTALL ABOVE AN ELECTRICAL BOX!
10. Non-mechanical air supply inlet to building - 12"
11. Combustion air inlet to any other appliance - 12"
12. Mechanical air supply inlet - 6 ft. (H)
13. Above furnace exhaust or inlet - 12"
14. Above paved side-walk or paved driveway located on public property - 7 ft. * (I)
15. Under veranda, porch, deck, or balcony (must be fully opened on a min. of 2 sides) - 12" (J)
16. Between two horizontal terminations - 12"
17. 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.

* CHECK LOCAL & STATE BUILDING CODES FOR ADDITIONAL REQUIREMENTS AND/OR RESTRICTIONS.
**HORIZONTAL TERMINATIONS**

**EXAMPLE OF TYPICAL HORIZONTAL TERMINATION**

**MODEL: #56161 OKABENA:**

The minimum horizontal venting configuration is 2 ft. vertical from the top of the fireplace followed by a 90-degree elbow, then 1 ft. horizontal thru exterior wall. See figure 4A.

**FIGURE 4A**

**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".

**MODEL: #56150 LAKEFIELD:**

The minimum horizontal venting configuration is 3 ft. vertical from the top of the fireplace followed by a 90-degree elbow, then 1 ft. horizontal thru exterior wall. See figure 4B.

**FIGURE 4B**
VERTICAL TERMINATIONS

Minimum vertical vent run: MODEL #56161 Okabena: 2 ft. 
MODEL #56150 Lakefield: 3 ft.

Maximum vertical vent run: 40 ft.

RESTRICTOR REQUIREMENTS:

MODEL #56161 Okabena:
Small restrictor is required on all vertical vent runs.

MODEL #56150 Lakefield:
Small restrictor: Straight vertical vent runs between 10'-15'.
Large restrictor: Straight vertical vent runs between 15'-40'.

EXAMPLE OF TYPICAL VERTICAL TERMINATION

FIGURE 5

<table>
<thead>
<tr>
<th>ROOF SLOPE</th>
<th>MINIMUM HEIGHT (FEET)</th>
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<tbody>
<tr>
<td>Flat to 5/12</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>1.5</td>
</tr>
<tr>
<td>8/12 to 9/12</td>
<td>2</td>
</tr>
<tr>
<td>9/12 to 10/12</td>
<td>2.5</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>
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<tr>
<td>16/12 to 18/12</td>
<td>7</td>
</tr>
<tr>
<td>18/12 to 20/12</td>
<td>7.5</td>
</tr>
<tr>
<td>20/12 to 21/12</td>
<td>8</td>
</tr>
</tbody>
</table>

MIN. CHIMNEY HEIGHT SEE CHART

DURA-VENT CHIMNEY 1" MINIMUM CLEARANCE TO COMBUSTIBLE.

40 FEET MAX
1. The appropriate restrictor plate must be placed inside the 4" flue collar either from the top of the stove before connection of the chimney to stove is made or from inside the firebox box.

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

The restrictor included in the 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 size to the small restrictor, simply bend the section with out the tabs off at the perforation and discard, figure 6A.

![Figure 6A](image)

Use the small restrictor for straight vertical terminations between 10' and 15' and the large restrictor is used for straight vertical terminations between 15' and 40'.

To install the restrictor, refer to figure 6B 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 tabs! Slide the restrictor into the exhaust pipe with the tabs in the downward position (pointing toward you). Access to the 4" exhaust collar from inside the firebox can be gained by removing the nuts securing the exhaust baffle at the top.

![Figure 6B](image)

Install with the tabs pointing **toward** you.

**IMPORTANT:** REPLACE THE EXHAUST BAFFLE AFTER RESTRICTOR HAS BEEN INSTALLED!
**FAN INSTALLATION (OPTIONAL)**

AN OPTIONAL FAN KIT 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 cover plate
- (4) Flange nuts
- (2) Hex head screws
- (2) 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.

1. Locate the (4) mounting studs underneath the fireplace (at the back).
2. Slide the fan underneath the fireplace and lift it up, aligning the (4) mount holes / slots in the fan bracket to the mounting studs and secure with the (4) nuts included with this kit. Figure 7A
3. 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.
4. Place the temperature control switch (magnet attached) onto the bottom of the firebox as close to the center as possible.
5. **Model #56161:** Insert and partially thread the (2) hex head screws into the two mounting holes on the base of the fireplace (at the back). Figure 7B.

**Model #56150:** Attach the fan cover to the back of the fireplace by aligning the holes in the cover to the holes at the back of the fireplace and secure with the remaining (2) screws.

6. Slide the slots in the fan cover plate over the screws and secure with a nut driver through the openings provided in the fan cover plate.
7. Plug the 3-prong plug on the fan cord into a properly grounded three-prong receptacle.
8. Turn the speed control counter-clockwise until it 'clicks'. This is the 'OFF' position.
9. Turn the speed control 'ON' by turning the knob clockwise past the 'click' - this is the highest setting.

**NOTE:** The fan will not operate unless the speed control has been turned 'ON' and sufficient heat has been applied to the temperature control switch. The fan will turn 'ON' and 'OFF' automatically as the fireplace heats and cools.

**Fan wiring diagram**

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.
A) 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, page 2.

NOTE: A hearth or platform is not required. If a hearth is desired, combustible materials may be used.

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

HORIZONTAL TERMINATIONS:

Frame a 9" W x 10" H opening for the chimney termination.

The top of this opening must be a minimum:

MODEL #56161 Okabena: 59"
MODEL #56150 Lakefield: 75"

above the height of the floor or platform the fireplace is setting on. See figure 8.

*IMPORTANT: This minimum measurement is determined by the vertical height and horizontal length of your desired venting application. The measurement is to the TOP of the pipe. 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 page 3.

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

Refer also to pages #4 & #7 of this manual for typical horizontal termination diagram.
VERTICAL TERMINATIONS

IMPORTANT: THIS UNIT IS APPROVED FOR USE ONLY WITH - SIMPSON DURA-VENT DV-GS DIRECT VENT CHIMNEY SYSTEM.

IMPORTANT: MODEL #56161 'OKABENA' - All vertical terminations must use the small restrictor.

MODEL #56150 'LAKEFIELD' - Straight vertical terminations must use the small restrictor for runs 10' - 15' and the large restrictor for runs between 15' - 40'.

VENT PIPE CLEARANCE: Minimum clearance from Dura-Vent DV-GS chimney: 1".

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

Refer also to pages #4 - #8 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 GLASS ASSEMBLY. See figure 9.

   A. Locate the metal bar (glass latching mechanism) below the glass frame.
   B. To release the glass assembly, grasp the two knobs on the front of the latch mechanism and pull out, then immediately down. This will secure the metal bar onto stops and it will stay in the 'unlatched' position.
   C. Pull the bottom of the glass assembly out and lift up off of the tabs at the top of the firebox.
   D. Set aside where it will not be broken.
   E. Remove the log package from inside the firebox.

![Figure 9]

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

Refer to the Simpson Dura-Vent DV-GS Instruction Manual for complete installation detail of the chimney system. Installation must conform with the requirements as outlined in this manual.

Clearance to the vent pipe: 1".
D) RUN THE GAS LINE.

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.

<table>
<thead>
<tr>
<th>Orifice size (0-2000 ft)</th>
<th>Model #56161 Okabena: 42</th>
<th>Input Rating: 19,000 BTU's</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model #56150 Lakefield: 31</td>
<td>Input Rating: 33,000 BTU's</td>
<td></td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Orifice size (0-2000 ft)</th>
<th>Model #56161 Okabena: 55</th>
<th>Input Rating: 17,000 BTU's</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model #56150 Lakefield: 50</td>
<td>Input Rating: 31,500 BTU's</td>
<td></td>
</tr>
</tbody>
</table>

This unit is equipped with a 3/8" flexible gas line connection 18" 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 upstream 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 shut off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psi.

NOTE: This appliance must be isolated from the gas supply piping system by closing its individual manual shut off valve during any pressure testing of the gas supply piping 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 #23 for checking these pressures.
E) MILLIVOLT BOARD 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.

**MODEL #56161 OKABENA:**

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. Disconnect any remote control, wall switch or thermostat wires from the valve.
6. Remove the arched glass assembly. See page #11 for instructions.
7. Remove the log set and set aside where they will not be broken.
8. To remove the burner tube, lift the front up off the tabs and slide it to the left off the burner orifice. Remove from the firebox and set aside.
9. Remove the log plate by lifting it up off the tabs. Set aside.
10. 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 10](image-url)
MODEL #56150 LAKEFIELD:

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. Disconnect any remote control, wall switch or thermostat wires from the valve.
6. Remove the arched glass assembly. See page #11 for instructions.
7. Remove the log set and set aside where they will not be broken.

**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.

8. Remove the burner cover by lifting the front of the cover up, then carefully sliding the burner tube off the orifice. Remove entire assembly from the firebox. See figure 11.

9. 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 12
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.

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

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.

   **Model #56150:**
   3. Place the burner cover assembly onto the board, properly seating the burner tube over the orifice. The burner cover should be ‘inside’ the flanges on the board. See figure 11.
   4. Check that the burner tube is properly seated over the burner orifice. See figure 11.

   **Model #56161:**
   3. Place log plate into position on the millivolt board over the tabs. See figure 10.
   4. Install the burner tube by positioning it over the burner orifice and aligning the mounting holes at the sides of the burner tube onto the tabs on the millivolt board and ‘snap’ into position. See figure 10.

5. Connect the flexible gas line to the manual shut off valve.
6. Reconnect any remote control, wall switch or thermostat wires onto the top & bottom terminals on the gas valve.
7. Reconnect the on/off rocker switch wires if a remote control, wall switch, or thermostat is not being use.
8. Replace the logs. Refer to pages #17 & #18.
9. Replace the glass assembly. Refer to page #12.
10. Verify proper operation of unit and log position.

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

Model #56161 Okabena:

This 7 pc. log set includes:  
(1) OB1 log  
(1) OB4 log  
(2) OB5 log  
(1) OB3 log  
(1) C-log  
(1) Embers pkg.

![Figure 13A](image)

![Figure 13B](image)

1. Position the OB1, OB2, OB3 and OB4 logs into position on the millivolt board as shown.

NOTE: 1/4" Air space should be left between the front of the OB1 log and the burner tube.

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

2. Place approximately 6 'embers' onto the back of the burner tube and 8-10 'embers' onto the front of the burner tube spacing them no less than 1/4" apart.

Model #56150 Lakefield

This log set includes:  
(1) 'AD' log  
(1) 'BE' log  
(1) 'M' log  
(1) 'C' log  
(1) Embers pkg.

![Figure 13C](image)

![Figure 13D](image)

NOTE: 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 13C.

2. Place the 'AD', 'BE', 'HB' & 'BG' logs into position on the burner cover as shown in figure 13D. To secure in place once positioned, press the logs slightly onto the pins in the burner cover.
IMPORTANT: DO NOT ALLOW ANY PORTION OF THE LOGS TO COVER THE BURNER PORTS.

3. Carefully place the burning embers, included with this log set, between the 'BI' log and 'BG' log from point 'A' to point 'B' leaving at least 1/4" space between each ember. Figure 13D.

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

4. Align the hole in the bottom of the right 'M' log to the alignment knob protruding from the 'HB' log. Refer to figure 13E.

5. Place the remaining 'M' log and 'C' log into position as shown in figure 13E.

Figure 13E

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.

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

G) 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.

Thermostat Wiring Diagram

Figure 14A

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.
H) COMPLETE THE INSTALLATION

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

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

3. 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 APPLICABLE PROTECTION TO
PREVENT SERIOUS BURNS.

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

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

   ![HEAT OUTLET SHOWN IN CLOSED POSITION.](image)
   ![HEAT OUTLET SHOWN IN PARTIAL OPENED POSITION.](image)

4. Replace the glass. Refer also to Figure 9, page12.

   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 latching mechanism first out, then up and release.
   D) The glass assembly is now secured.

   **WARNING:** DO NOT OPERATE THIS FIREPLACE WITH THE GLASS
   ASSEMBLY REMOVED, CRACKED OR BROKEN. Replacement of the glass
   assembly, PART #70011T (glass with gasket), #70015T (glass with
   gasket) or #LKF007 (glass with gasket & arched valance), should be done
   by a licensed or qualified service person.
I) LIGHTING & 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 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 bottom pressure tap is the manifold pressure and the top pressure tap is the incoming pressure. Follow instructions on page 23 for checking these pressures.

NOTE: Read 1-8 before lighting the unit for the first time. Refer to figure 15, page 22.

1. Access the gas valve by lifting up the 'Kozy Heat' cover. Push the cover 'in' slightly and it will stay in position.
2. Set the thermostat, if used, to the lowest setting
3. Turn off all electric power to the appliance.
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 on page #1 of this installation manual. If you don’t smell gas, go to the next step.

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

7. Turn the black knob on gas control counterclockwise \ to "PILOT".

8. 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 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 "ON".
10. Depress the on/off switch (C) located on the lower right side of the fireplace to the "ON" position.
11. Set thermostat, if used, to desired setting. IMPORTANT: The on/off switch must be in the "OFF" position for proper thermostat, remote control, or wall switch operation.

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.

12. If you wish to turn the burner off, flip the on/off switch. 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.

13. To turn off the pilot, push in and turn the knob to the "OFF" position. DO NOT FORCE.
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 THIS WILL SPEED UP THE PAINT CURING PROCESS.

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

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

THIS FIREPLACE MAY PRODUCE NOISES 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.

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.
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.
J) 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 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.

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

1. Remove the glass on the front of the unit.
2. For easier access, remove the logs.
3. Cover or remove the millivolt board.
4. Remove the baffle at the top of the firebox.
5. Examine proper sealing of the vent system.
6. Replace the baffle, logs and glass 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 tube / cover assembly may be removed for easier access.

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

Millivolt board
(Model #56150 millivolt shown)

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

Burner Orifice

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 removed, cracked or broken.
- Replacement of the glass & gasket assembly, 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.

PROBLEM | CAUSE | SOLUTION
---|---|---
1. No spark when piezo button is depressed | The nut which holds the piezo in place is loose | Tighten nut.
 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 and pilot.

2. Pilot won't light | Gas shut off. | Turn Gas On.
 Gas line not purged. | Must be purged by qualified service technician.
 Gas line not bled out. | Hold control knob in long enough to bleed out line.
 No spark at piezo. | See problem #1.

FIGURE 17

ON/OFF ROCKER SWITCH LOCATED IN LOWER RIGHT FRAME ON FIREPLACE
<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 Generator and thermocouple.</td>
</tr>
<tr>
<td>4. Burner won't light</td>
<td>Pilot not lit</td>
<td>Relight pilot</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.</td>
<td>Connect properly or disconnect and use on/off switch only.</td>
</tr>
<tr>
<td></td>
<td>See figure 10B.</td>
<td></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 Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LKF400B</td>
<td>Millivolt board - Natural Gas for Model #56150 Lakefield</td>
</tr>
<tr>
<td>LKF401B</td>
<td>Millivolt board - LP Gas for Model #56150 Lakefield</td>
</tr>
<tr>
<td>OKA400</td>
<td>Millivolt board - Natural Gas for Model #56161 Okabena</td>
</tr>
<tr>
<td>OKA401</td>
<td>Millivolt board - LP Gas for Model #56151 Okabena</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>700035</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>700266</td>
<td>Pilot Orifice - Natural Gas</td>
</tr>
<tr>
<td>700267</td>
<td>Pilot Orifice - LP Gas</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>700231</td>
<td>#31 Burner Orifice - Natural Gas for Model #56150 Lakefield</td>
</tr>
<tr>
<td>700242</td>
<td>#42 Burner Orifice - Natural Gas for Model #56150 Lakefield</td>
</tr>
<tr>
<td>700250</td>
<td>#50 Burner Orifice - LP Gas for Model #56150 Lakefield</td>
</tr>
<tr>
<td>700255</td>
<td>#55 Burner Orifice - LP Gas for Model #56161 Okabena</td>
</tr>
<tr>
<td>932135</td>
<td>Burner Tube - Model #56150 Lakefield</td>
</tr>
<tr>
<td>LKF35B</td>
<td>Burner Cover - Model #56150 Lakefield</td>
</tr>
<tr>
<td>LKF135BI</td>
<td>Burner cover with tube and 'BI' log - Model #56150 Lakefield</td>
</tr>
<tr>
<td>OKA035</td>
<td>Burner Tube - Model #56161 Okabena</td>
</tr>
</tbody>
</table>

### GLASS & ARCHED VALANCE

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>70011T</td>
<td>11&quot; x 17&quot; glass with tadpole gasket - Model #56161</td>
</tr>
<tr>
<td>70015T</td>
<td>14&quot; x 21&quot; glass with tadpole gasket - Model #56150</td>
</tr>
<tr>
<td>900006</td>
<td>Tadpole Glass Gasket</td>
</tr>
<tr>
<td>LKF007</td>
<td>Replacement Glass assembly with Arched Valance</td>
</tr>
<tr>
<td>OKA005</td>
<td>Replacement valance w/o glass (Model #56161)</td>
</tr>
</tbody>
</table>

### LOGS AND REFRACTORY

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LKF500A</td>
<td>Log set - Model #56150 Lakefield</td>
</tr>
<tr>
<td>LKF900</td>
<td>3 pc. Refractory Brick Panels - Model #56150 Lakefield</td>
</tr>
<tr>
<td>OKA500</td>
<td>Log Set - Model #56161 Okabena</td>
</tr>
</tbody>
</table>

### RESTRICTOR PLATE

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

---

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

INTERTEK TESTING SERVICES  
6431 MURPHY DRIVE  
MIDDLETON, WI 53562

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

Models #56161 - OKABENA & #56150 - LAKEFIELD  
US INSTALLATIONS ONLY  
June 2004

MANUFACTURED BY:  
Hussong Manufacturing Company, Inc.  
204 Industrial Park Drive  
Lakefield, MN 56150
KOZY HEAT GAS BURNING FIREPLACE
LIMITED 10 YEAR WARRANTY

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.

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 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 or 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: ___________________________________
_____________________________________________
INSTALLER NAME: _____________________________
ADDRESS: ___________________________________
INSTALLATION DATE: __________
MODEL #: __________ SERIAL #: __________
TELEPHONE #: __________________

Page 29