DIRECT VENT GAS FIREPLACE

WARNING: This product must be installed by a licensed plumber or gas fitter when installed in the commonwealth of Massachusetts.

IMPORTANT: Installation of a CO detector is required in the fireplace room when installed in the commonwealth of Massachusetts.

This appliance may be installed in an aftermarket permanently located, manufactured (mobile) home, where not prohibited by local codes. A manufactured home (USA only) or mobile home OEM installation must conform with the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, or when such a standard is not applicable, the Standard for Manufactured Home Installations, 24 CFR 3285, or Standard for Gas Equipped Recreational Vehicles and Mobile Housing, CSA Z240.4

WARNING: If the information in these instructions are 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.

IF YOU SMELL GAS:

Do not light any appliance.

Do not touch any electrical switch: do not use any phone in your building.

Immediately call gas supplier from a neighbor's phone. Follow the gas supplier 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 is only for use with the type(s) of gas indicated on the rating plate. A conversion kit is supplied with the appliance.

WARNING

HOT GLASS WILL CAUSE BURNS.

DO NOT TOUCH GLASS UNTIL COOLED.

NEVER ALLOW CHILDREN TO TOUCH GLASS.
CONGRATULATIONS!

We welcome you as a new owner of a Kozy Heat gas fireplace. Kozy Heat products are designed with superior components and materials and assembled by trained craftsmen who take pride in their work. The burner and valve assembly are 100% test-fired and the complete fireplace is thoroughly inspected before packaging to ensure that you receive a quality product. Our commitment to quality and customer satisfaction have remained the same for over 30 years. We offer a complete line of gas and wood fireplaces, unique cabinets and stylish accessories to compliment any décor. Adding a fireplace is one of the best ways to increase the value of your home and we are proud to offer a network of dealers throughout the country to help make your experience everything you imagine. We pride ourselves in being dedicated to not only function and reliability, but customer safety as well. We offer our continual support and guidance to help you achieve the maximum benefit and enjoyment from your Kozy Heat gas fireplace.

Jim Hussong
President

Dudley Hussong
Board Chairman

Homeowner Reference Information

We recommend that you record the following information about your fireplace.

Model Name:______________________________   Date purchased/installed:____________
Serial Number:____________________________    Location on fireplace:_______________
Dealership purchased from:__________________    Dealer Phone:_____________________
Notes:_____________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________

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Installation and repair should be done only by a qualified service person. The appliance should be inspected by a qualified service person before use. Annual inspection by a qualified service person is required to maintain warranty. 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.

If this appliance is installed directly on carpeting, tile or other combustible material other than wood flooring, the appliance shall be installed on a metal or wood panel extending the full width and depth of the appliance.

Children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns or clothing ignition.

Young children should be carefully supervised when they are in the same room as the appliance. Toddlers, young children and others may be susceptible to accidental contact burns. A physical barrier is recommended if there are at risk individuals in the house. To restrict access to a fireplace or stove, install an adjustable safety gate to keep toddlers, young children and other at risk individuals out of the room and away from hot surfaces.

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

Adequate accessibility clearances for servicing and proper operation must be maintained.

This appliance must not share or be connected to a chimney flue serving any other appliance.

Keep area around the appliance clear of combustible materials, gasoline and other flammable vapor and liquids.

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

Due to high temperatures the appliance should be located out of traffic and away from furniture and draperies.

The glass front or any part removed for servicing the appliance must be replaced prior to operating the appliance. Work should be done by a qualified service technician.

Clean glass only when cool and only with non-abrasive cleansers.

Do not operate this appliance with the glass/frame assembly removed, cracked or broken. The glass assembly, Part #TWO-015T, shall only be replaced as a complete unit, as supplied by Hussong Mfg. Co., Inc. Replacement of the glass assembly must only be performed by a licensed or qualified service person. DO NOT SUBSTITUTE MATERIALS.

Do not strike or slam glass assembly.

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

Under no circumstances should any solid fuel (wood, coal, paper or cardboard etc.) be used in this appliance.

Keep burner and control compartment clean.

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.

This fireplace has been tested to and complies with ANSI Z21.88-2009-CSA 2.33-2009-CSA P.4.1-09 “VENTED GAS FIREPLACE HEATERS” by PFS Corporation, Cottage Grove, Wisconsin. Installation must conform with local building codes or in the absence of local building codes, with the National Fuel Gas Code, ANSIZ223.1/NFPA 54 - Current Edition, or the Natural or Propane Installation Code, CSAB149.1
## STANDARD FEATURES

- High efficiency
- Zero clearance
- High quality lifetime glass  
  21” x 14” (533 mm x 356 mm)
- Quick latch glass frame assembly
- Accepts rigid pipe
- IPI control system
- Light kit
- Firebox liner
- Minnesota Energy Code compliant to 50 pascals

## SAFETY FEATURES

- Each unit factory tested!
- Tested by PFS Corporation
- Sealed combustion chamber
- Intermittent or Standing pilot ignition
- Removable IPI board
- Flame sensing system (safety shutoff)
- Automatic pressure relief glass system
- Requires no electricity to operate  
  (excluding fan & light kit)
- Battery back-up in the event of power failure  
  (excluding fan & light kit)
- Bedroom and mobile home approved
- Canadian approved

## OPTIONAL FEATURES

- Decorative fire glass in various colors
- Contemporary frames in various finishes
- Firebox liners in various finishes
- Automatic fan kit (1) 75 CFM

## WEIGHT

- Fireplace Weight (as packaged for shipment)  
  76 lbs. (30.4 kg)
For all sidewall horizontally vented gas fueled equipment installed in every dwelling, building or structure used in whole or in part for residential purposes, including those owned or operated by the Commonwealth and where the side wall exhaust vent termination is less than (7) feet above finished grade in the area of the venting, including but not limited to decks and porches, the following requirements shall be satisfied:

**INSTALLATION OF CARBON MONOXIDE DETECTORS**

At time of installation of side wall horizontally vented gas fueled equipment, the installing plumber or gas-fitter shall observe that a hard wired carbon monoxide detector with an alarm and battery back-up is installed on the floor level where the gas equipment is to be installed. In addition, the installing plumber or gas-fitter shall observe that a battery operated or hard wired carbon monoxide detector is installed on each additional level of the dwelling, building or structure served by the side wall horizontal vented gas fueled equipment. It shall be the responsibility of the property owner to secure the services of qualified licensed professionals for the installation of hard wired carbon monoxide detectors.

In the event that the side wall horizontally vented gas fueled equipment is installed in a crawl space or attic, the hard wired carbon monoxide detector with alarm and battery back-up may be installed on the next adjacent floor level.

In the event that the requirements of this subdivision can not be met at the time of completion of installation, the owner shall have a period of thirty (30) days to comply with the above requirements; provided, however, that during said thirty (30) day period, a battery operated carbon monoxide detector with an alarm shall be installed.

**APPROVED CARBON MONOXIDE DETECTORS**

Each carbon monoxide detector as required in accordance with the above provisions shall comply with NFPA 720 and be ANSI/UL 2034 listed and IAS certified.

**SIGNAGE**

A metal or plastic identification plate shall be permanently mounted to the exterior of the building at a minimum of eight (8) feet above grade directly in line with the exhaust vent terminal for the horizontally vented gas fueled heating appliance or equipment. The sign shall read, in print no less the one-half inch (1/2) in size, “GAS VENT DIRECTLY BELOW. KEEP CLEAR OF ALL OBSTRUCTIONS”.

**INSPECTION**

The state or local gas inspector of the side wall horizontally vented gas fueled equipment shall not approve the installation unless, upon inspection, the inspector observes carbon monoxide detectors and signage installed in accordance with the provisions of 248 CMR 5.08 (2) (a) 1 through 4.

**EXEMPTIONS**

The following equipment is exempt from 248 CMR 5.08 (2) (a) 1 through 4: The equipment listed in Chapter 10 entitled “Equipment Not Required To Be Vented” in the most current edition of NFPA 54 as adopted by the Board; and Product Approved side wall horizontally vented gas fueled equipment installed in a room or structure separate from the dwelling, building or structure used in whole or in part for residential purposes.

**MANUFACTURER REQUIREMENTS - GAS EQUIPMENT VENTING SYSTEM PROVIDED**

When the manufacturer of Product Approved side wall horizontally vented gas equipment provides a venting system design or venting system components with the equipment, the instructions provided by the manufacturer for installation of the equipment and the venting system shall include:

- Detailed instructions for the installation of the venting system design or the venting system components; and
- A complete parts list for the venting system design or venting system.

**MANUFACTURER REQUIREMENTS - GAS EQUIPMENT VENTING SYSTEM NOT PROVIDED**

When the manufacturer of Product Approved side wall horizontally vented gas equipment does not provide the parts for venting the flue gases, but identifies “special venting systems”, the following requirements shall be satisfied by the manufacturer:

- The referenced “special venting systems” instructions shall be included with the appliance or equipment installation instructions and;
- The “special venting systems” shall be Product Approved by the Board, and the instructions for that system shall include a parts list and detailed installation instructions.

A copy of all installation instructions for all Product Approved side wall horizontally vented gas fueled equipment, all venting instructions, all parts lists for venting instructions, and/or all venting design instructions shall remain with the appliance or equipment at the completion of the installation.
**SPECIFICATIONS**

**Nicollet Physical Dimensions**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>Height</th>
<th>Width</th>
<th>Back Width</th>
<th>Depth</th>
<th>Top Stand-off Height</th>
<th>Side Stand-off Width</th>
<th>Full Door Face Height</th>
<th>Full Door Face Width</th>
<th>Viewing Area Height</th>
<th>Viewing Area Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIREPLACE DIMENSIONS</td>
<td>INCHES</td>
<td>31-1/2</td>
<td>18-1/2</td>
<td>5-1/4</td>
<td>14-3/8</td>
<td>1</td>
<td>1/2</td>
<td>33-15/16</td>
<td>21</td>
<td>17-1/2</td>
</tr>
<tr>
<td></td>
<td>MILLIMETERS</td>
<td>800</td>
<td>470</td>
<td>133</td>
<td>365</td>
<td>25</td>
<td>13</td>
<td>862</td>
<td>533</td>
<td>444</td>
</tr>
</tbody>
</table>

**CLEARANCES**

- From face top - 1” (25 mm)
- From unit left & right & back sides* - 1/2” (13 mm)
- Unit side stand-offs to adjacent sidewall - 0” (0 mm)
- To flooring - 0” (0 mm)
- From venting -
  - Horizontal - Top: 3” (76 mm)
  - Bottom and sides: 1” (25 mm)
  - Vertical - All sides: 1” (25 mm)
- Unit base to ceiling - 52” (1.32 m)
- Minimum enclosure height - 47” (1.19 m)
- Top of unit to 3/4” (20 mm) projection - 2-1/4” (57mm)
- Mantel must be a minimum of 7-1/2” (191mm) from top of fireplace face. The maximum depth at this height is 12” (305 mm). See additional mantel clearance configurations on page 10 of this installation manual.

* This unit requires 1/2” (13 mm) space between unit and framing at the back and both sides. Framing material may touch sides of stand-offs, but no material is allowed between stand-offs.

Side stand-off brackets must be re-positioned if installing in a Kozy Heat Cabinet. Refer to cabinet instructions for details.
**SPECIFICATIONS**

**MODEL #NCL-195 COMPONENTS LIST**

- (#NCL-600-IPI) - IPI Board Assembly with 18” Flexible Gas Line attached
- (#700-208) - IPI Remote Control
- (#700-203) - Manual Gas Shut-off Valve
- (#NCL-135) - Burner Assembly
- (#NCL-LK) - Light Kit
- (#TWO-005) - Glass Valance
- (#TWO-15T) - Glass with gasket
- (#600-002) - Double Receptacle Assembly with (3) Wire Nuts
- (#OCK-A60L-IPI) - LP Conversion Kit
- (#900-086) - 5” Restrictor Plate
- (#TWO-HHS) - Horizontal Heat Shield

**ADDITIONAL COMPONENTS REQUIRED**

- Vent System: Approved venting listed on page 14 of this installation manual.
- Fireglass: Various colors available. See Dealer for details.
- Contemporary Frame: Various finishes available. See Dealer for details.

**INSTALLATION OVERVIEW**

1. Frame an opening for fireplace, allowing for vent installation and type of installation.
2. If masonry (optional) will be used, prepare foundation for masonry load. A lintel is required to support added weight above fireplace.
3. Insert fireplace into framing.
4. Install hearth (if applicable).
5. Complete gas line installation.
6. Complete electrical hook-up. Install any standard or optional electrical components at this time.
7. Complete venting installation.
8. Secure fireplace to flooring through holes located in outer box bottom and to framing with nailing flanges. Verify all clearances at this point.
9. Install mantel or cabinetry, allowing room for (required) decorative full doors / faces.
10. Install fireglass.
11. Install (required) contemporary frame.
12. Verify proper operation of fireplace and all components.

**PLACEMENT CLEARANCE REQUIREMENTS**

- This fireplace must be installed on a level surface capable of supporting fireplace and venting.
- Fireplace must be placed directly on wood or non-combustible surface (not linoleum or carpet) extending entire depth and width of fireplace.
- Due to high surface temperatures, fireplace should be located out of traffic and away from furniture and draperies.
- This fireplace may be installed in a bedroom.
- Please be aware of the amount of heat this fireplace will produce when determining a location.
Determine exact position of fireplace, including hearth height, width, and depth, (if applicable). If possible, place fireplace in such a manner that vent termination will be placed between two studs, eliminating the need for additional framing.

If masonry is to be used (optional), prepare necessary foundation for the masonry load. When masonry construction is being used, a lintel must be used over top of fireplace to support the added weight.

Build hearth to desired size and height. If a hearth extension is desired, combustible material may be used. If carpeting or other combustible flooring is desired in front of fireplace, fireplace bottom must level or above flooring material level.
Follow vent pipe manufacturer’s installation instructions for horizontal terminations. Include required 3” (76 mm) top clearance (at wall pass-thru) and 1” (25 mm) sides and bottom clearances for approved rigid vent systems.

**IMPORTANT:** KOZY HEAT WALL THIMBLE PASS-THRU (#800-WPT or #800-WPT2) MUST BE USED ON ALL HORIZONTAL VENT RUNS. FOLLOW INSTRUCTIONS ON PAGE 15 OF THIS INSTALLATION MANUAL.

**IMPORTANT:** THE HORIZONTAL VENT HEAT SHIELD INCLUDED WITH THIS FIREPLACE MUST BE INSTALLED WHEN USING A 90-DEGREE ELBOW DIRECTLY OFF TOP OF UNIT TO HORIZONTALLY POSITION VENT SYSTEM.

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

**CAUTION:** Cold air transfer area. The surrounding fireplace chase must comply with all clearances as outlined in this manual and be constructed in compliance with local building codes. Outside walls should be insulated to prevent cold air from entering room.

**MINIMUM HORIZONTAL FRAMING DIMENSIONS**

<table>
<thead>
<tr>
<th>VENT PIPE TOP (A)</th>
<th>FRAMED OPENING TOP (B)</th>
<th>TERMINATION WIDTH (W)</th>
<th>TERMINATION HEIGHT (H)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RIGID PIPE</td>
<td>41-1/4” (1048 mm)</td>
<td>44-1/4” (1124 mm)</td>
<td>10-7/8” (276 mm)</td>
</tr>
</tbody>
</table>

**IMPORTANT:** Header must be positioned ‘up’ to maintain proper clearances from vent system to combustibles.
IMPORTANT: KOZY HEAT WALL THIMBLE PASS-THRU (#800-WPT or #800-WPT2) MUST BE USED ON ALL HORIZONTAL VENT RUNS. FOLLOW INSTRUCTIONS ON PAGE 15 OF THIS INSTALLATION MANUAL.

IMPORTANT: THE HORIZONTAL VENT HEAT SHIELD INCLUDED WITH THIS FIREPLACE MUST BE INSTALLED WHEN USING A 90-DEGREE ELBOW DIRECTLY OFF TOP OF UNIT TO HORIZONTALLY POSITION VENT SYSTEM.

NOTE: Horizontal vent heat shield not shown in horizontal configurations for clarity purposes only.
GLASS FRAME ASSEMBLY

REMOVE GLASS FRAME ASSEMBLY

A. Locate spring-loaded latches securing glass frame assembly at top & bottom of firebox.
B. Pull bottom latch out and ‘down’ to release glass frame assembly bottom.
C. Pull top latch out and ‘up’ to release glass frame assembly top.
D. Remove glass frame assembly from fireplace.

INSTALL GLASS FRAME ASSEMBLY

A. Place glass frame assembly onto fireplace front.
B. Pull top latch out and ‘down’ to secure glass frame assembly top.
C. Pull bottom latch out and ‘up’ to secure glass frame assembly bottom.

CAUTION: TO PREVENT GLASS FRAME ASSEMBLY FROM FALLING FROM FIREPLACE AND BECOMING DAMAGED, FOLLOW THESE INSTRUCTIONS EXACTLY WHEN REMOVING GLASS FRAME ASSEMBLY.

CAUTION: TO PREVENT GLASS FRAME ASSEMBLY FROM FALLING OFF WHEN INSTALLING, SECURE TOP GLASS LATCH BRACKETS BEFORE SECURING BOTTOM BRACKETS.
OPTIONAL FAN INSTALLATION

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

NOTE: This appliance must be electrically grounded and connected in accordance with local codes, or in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70 Current Edition, or the Canadian electrical Code CSA C22.1.

IMPORTANT: If installing a fan, it is easier to complete before the control board is connected to the gas line.

WARNING: MAKE SURE HOUSEHOLD BREAKER IS SHUT OFF PRIOR TO WORKING ON ANY ELECTRICAL LINES.

WARNING: THIS APPLIANCE IS EQUIPPED WITH A THREE-PRONG (GROUNDING) PLUG FOR PROTECTION AGAINST SHOCK HAZARD AND SHOULD BE PLUGGED DIRECTLY INTO A PROPERLY GROUNDED THREE-PRONG RECEPTACLE. DO NOT CUT OR REMOVE

The following components must be removed from fireplace prior to installation of this fan. Refer to corresponding pages in this installation manual for assistance if necessary: face frame, glass frame assembly.

1. Insert fan through right side of lower grill opening, push to back wall.
2. Plug cord into receptacle marked FAN on extension module.
3. Re-install glass frame assembly and face frame.
This fireplace is manufactured for use with Natural Gas. An LP conversion kit (#OCK-A60L-IP1) is included with this fireplace. Follow instructions included with conversion kit if converting to LP gas.

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

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

If not, follow ANSI 223.1.

Commonwealth of Massachusetts: Installation must be done by a licensed plumber or gas fitter.

**NOTE:** A listed (and Commonwealth of Massachusetts approved) 12” (13 mm) T-handle manual shut-off valve and flexible gas connector (included) are connected to the 1/2” (13 mm) control valve inlet. If substituting for these components, please consult local codes for compliance.

**NOTE:** This fireplace is equipped with a 3/8” (10 mm) x 18” (457 mm) long flexible gas connector and manual shut-off valve. The gas line should be run to the point of connection where the shut-off valve and flexible gas line will connect.

**NOTE:** The appliance and its individual shut-off valve must be disconnected from the gas supply piping system during any pressure testing of that system at 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 ½ psi (3.5 kPa).

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

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

<table>
<thead>
<tr>
<th></th>
<th>NATURAL GAS</th>
<th>LP GAS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MINIMUM INLET GAS PRESSURE</strong></td>
<td>5.0 inches W.C. (7.0 W.C. recommended)</td>
<td>11.0 inches W.C. (recommended)</td>
</tr>
<tr>
<td><strong>MAXIMUM INLET GAS PRESSURE</strong></td>
<td>10.5 inches W.C.</td>
<td>13.0 inches W.C.</td>
</tr>
<tr>
<td><strong>ORIFICE SIZE</strong></td>
<td>#52</td>
<td>#60</td>
</tr>
<tr>
<td><strong>INPUT BTU/hr.</strong></td>
<td>12,500</td>
<td>12,500</td>
</tr>
<tr>
<td><strong>MINIMUM INPUT BTU/hr.</strong></td>
<td>4,500</td>
<td>4,500</td>
</tr>
<tr>
<td><strong>EFFICIENCY</strong></td>
<td>66.27%</td>
<td>62.15%</td>
</tr>
<tr>
<td><strong>AFUE</strong></td>
<td>65.20%</td>
<td>60.83%</td>
</tr>
</tbody>
</table>
IMPORTANT: Consult local and national installation codes to assure adequate combustion and ventilation air is available.

NOTE: Page 14 has information on restrictor installation in conjunction with venting installation. Page 36 has information on restrictor recommendations depending on burner flame appearance and instructions on installation after venting is completed.

CAUTION: This gas appliance must not be connected to or joined with any other chimney flue serving another appliance.

IMPORTANT: Flame height and appearance will vary depending upon venting configuration and type of fuel used.

Refer to vent systems manufacturer's installation manual for complete installation instructions. Installation must conform with venting requirements and restrictions as outlined in this manual.

APPROVED VENTING

Simpson Dura-Vent DV-GS 5” x 8” direct vent system (horizontal and vertical terminations).
Ameri-Vent Direct Chimney System 5” x 8” (horizontal and vertical terminations).
Selkirk Metalbestos Chimney System 5” x 8” (horizontal and vertical terminations).
Metal Fab Chimney System: 5” x 8” (horizontal and vertical terminations).
ICC Chimney System: 5” x 8” (horizontal and vertical terminations).
RLH Chimney System: 5” x 8” (horizontal and vertical terminations).
Security Chimney System: 5” x 8” (horizontal and vertical terminations).

This fireplace is designed to be used with rigid pipe only.

HORIZONTAL VENT SYSTEM CLEARANCES

<table>
<thead>
<tr>
<th>TOP</th>
<th>BOTTOM</th>
<th>SIDES</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 inches (76 mm) at wall pass thru</td>
<td>1 inch (25 mm)</td>
<td>1 inch (25 mm)</td>
</tr>
</tbody>
</table>

IMPORTANT: THE HORIZONTAL VENT HEAT SHIELD MUST BE INSTALLED WHEN USING A 90-DEGREE ELBOW TO HORIZONTALLY POSITION VENT SYSTEM.

IMPORTANT: KOZY HEAT WALL PASS-THRU, PART #800-WPT (4-1/2” (114 mm) - 6-1/2” (165 mm)) WALL THICKNESS OR #800-WPT2 (6-1/2” (165 mm) - 12-1/2” (318 mm)), MUST BE USED ON ALL HORIZONTAL VENT RUNS.

HORIZONTAL TERMINATIONS

MINIMUM: 90° elbow + termination cap.

MAXIMUM: 90° elbow + 20 ft. (6.096 m) horizontal + termination cap.

VERTICAL VENT SYSTEM CLEARANCES

<table>
<thead>
<tr>
<th>TOP</th>
<th>BOTTOM</th>
<th>SIDES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 inch (25 mm)</td>
<td>1 inch (25 mm)</td>
<td>1 inch (25 mm)</td>
</tr>
</tbody>
</table>

VERTICAL TERMINATIONS

MINIMUM VERTICAL RISE: 3 ft. (914 mm) vertical + termination cap.

MAXIMUM VERTICAL RISE: 36 ft. (10.97 m) vertical + termination cap.

HORIZONTAL & VERTICAL COMBINATION TERMINATIONS

20 ft. (6.10 m) horizontal / 20 ft. (6.10 m) vertical.
RESTRICTOR INSTALLATION

Large Restrictor

Remove tab (s) to create small restrictor

Bend tabs to approx. 80 degree angles to create tension to hold itself in place when installed.

Slide restrictor into exhaust pipe on top of fireplace with tabs pointing towards you prior to attaching venting.

SECURING VENT SYSTEM

1. Bend (3) tabs on fireplace top ‘up’.
2. Install first vent pipe section.
3. Secure vent pipe section to fireplace through tabs with (3) screws.
VENTING

HORIZONTAL VENT HEAT SHIELD INSTALLATION

IMPORTANT: THE HORIZONTAL VENT HEAT SHIELD MUST BE INSTALLED WHEN USING A 90-DEGREE ELBOW TO HORIZONTALLY POSITION VENT SYSTEM.

1. Install 90-degree elbow per manufacturer’s installation instructions.
2. Loosen, but do not remove (2) screws at top of fireplace.
3. Slide (2) slots on horizontal vent heat shield under screws. Re-tighten screws to secure in place.

#800-WPT / #800-WPT2 WALL PASS-THRU KITS INSTALLATION

IMPORTANT: KOZY HEAT WALL PASS-THRU, PART #800-WPT (4-1/2" (114 mm) - 6-1/2" (165 mm) ) WALL THICKNESS OR #800-WPT2 (6-1/2" (165 mm) - 12-1/2" (318 mm) ), MUST BE USED ON ALL HORIZONTAL VENT RUNS.

FRAMING DIMENSIONS FOR KOZY HEAT WALL PASS-THRU KITS

12-1/2" (318 mm) HIGH x 10-7/8" (276 mm) WIDE

WARNING: MAINTAIN ALL CLEARANCES AS STATED IN THIS INSTALLATION MANUAL.

A. Measure wall thickness; cut insulation panel (included) this length.
B. Install wall pass-thru section marked #1 (with 3/8" (10 mm) flange) into framed opening. Secure to interior wall with screws (not provided).
C. From the exterior, place insulation between flange and top of framed opening in wall pass-thru section #1.
D. Install section marked #2 of wall pass-thru into framed opening, overlapping metal sections as necessary to accommodate wall thickness. Secure to exterior wall with screws (not provided).
MINIMUM HORIZONTAL VENTING

TERMINATION CAP

MAXIMUM HORIZONTAL VENTING

TERMINATION CAP

EXHAUST DAMPER POSITION (LP GAS HORIZONTAL VENT CONFIGURATION)

This fireplace is shipped with the exhaust damper in the ‘closed’ (approx. 1/2” (13 mm) open) position.

If using LP gas and incorporating a horizontal vent configuration, the exhaust damper may need to be adjusted to a more open position.

Open damper far enough to prevent flame from burning dirty, which results in soot accumulation on glass.

TO ADJUST: Loosen wing nuts securing damper. Slide damper toward front of fireplace. Retighten wing nuts to secure position.
MINIMUM AND MAXIMUM VERTICAL VENTING

TERMIMATION CAP

MINIMUM 3 ft. (914 mm)
MAXIMUM 36 ft. (10.97 m)

HORIZONTAL & VERTICAL COMBINATION

IMPORTANT: THE HORIZONTAL VENT HEAT SHIELD MUST BE INSTALLED WHEN USING A 90-DEGREE ELBOW TO HORIZONTALLY POSITION VENT SYSTEM.

IMPORTANT: KOZY HEAT WALL PASS-THRU, PART #800-WPT (4-1/2" (114 mm) - 6-1/2" (165 mm) ) WALL THICKNESS OR #800-WPT2 (6-1/2" (165 mm) - 12-1/2" (318 mm) ), MUST BE USED ON ALL HORIZONTAL VENT RUNS.

NOTE: Horizontal sections require 1/4" (6 mm) rise for every 12" (305 mm) of travel.
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, siding, 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**

A. Above grade, veranda, porch, deck, balcony - 12” (305 mm).
B. Operable window or door - CANADA: 12” (305 mm). US: 9” (229 mm).
C. Permanently closed window* - 12” (305 mm) (recommended to prevent condensation on window).
D. Ventilated soffit* - 18” (457 mm).
E. Unventilated soffit* - 11” (279 mm).
F. Outside corner* - 1” (25 mm).
G. Inside corner* - 0” (0 mm).
H. Gas Service regulator vent outlet - 3 ft. (914 mm)
I. Meter / Regulator: Not to be installed above a gas meter/ regulator assembly within 3 ft. (914 mm) horizontally from the centerline of the regulator.
J. Non-mechanical air supply inlet to building or the combustion air inlet to any other appliance. CANADA: 12” (305 mm). US: 9” (229 mm).
K. Mechanical air supply inlet. CANADA: 6 ft. (1.83 m) US: 3 ft. (914 mm) above if within 10 ft. (3.05 m) horizontally. Massachusetts installations: 10 ft. (3.05 m).
L. Above paved side-walk or paved driveway located on public property - 7 ft. (2.13 m).

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

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

M. Under veranda, porch, deck, or balcony (must be fully opened on a min. of 2 sides) - 12” (305 mm).
N. Between two horizontal terminations - 12” (305 mm).
O. Between two vertical terminations - 12” (305 mm). Terminations may be the same height.
P. Above furnace exhaust or inlet - 12” (305 mm).
# VENTING

## (Vertical Cap Requirements)

### VENT TERMINATION CLEARANCES

<table>
<thead>
<tr>
<th>Roof Pitch</th>
<th>H (Min.) Ft</th>
<th>H (Min.) m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat to 6/12</td>
<td>1.0</td>
<td>0.30</td>
</tr>
<tr>
<td>Over 6/12 to 7/12</td>
<td>1.25</td>
<td>0.38</td>
</tr>
<tr>
<td>Over 7/12 to 8/12</td>
<td>1.5</td>
<td>0.46</td>
</tr>
<tr>
<td>Over 8/12 to 9/12</td>
<td>2.0</td>
<td>0.61</td>
</tr>
<tr>
<td>Over 9/12 to 10/12</td>
<td>2.5</td>
<td>0.76</td>
</tr>
<tr>
<td>Over 10/12 to 11/12</td>
<td>3.25</td>
<td>0.99</td>
</tr>
<tr>
<td>Over 11/12 to 12/12</td>
<td>4.0</td>
<td>1.22</td>
</tr>
<tr>
<td>Over 12/12 to 14/12</td>
<td>5.0</td>
<td>1.52</td>
</tr>
<tr>
<td>Over 14/12 to 16/12</td>
<td>6.0</td>
<td>1.83</td>
</tr>
<tr>
<td>Over 16/12 to 18/12</td>
<td>7.0</td>
<td>2.13</td>
</tr>
<tr>
<td>Over 18/12 to 20/12</td>
<td>7.5</td>
<td>2.27</td>
</tr>
<tr>
<td>Over 20/12 to 21/12</td>
<td>8.0</td>
<td>2.44</td>
</tr>
</tbody>
</table>

![Diagram](image)

- **APPROVED CAP**
- **APPROVED VENT PIPE**
- **DISCHARGE OPENING**
- **H (minimum) - MINIMUM HEIGHT FROM ROOF TO LOWEST DISCHARGE OPENING**

*IF VENT IS CLOSER THAN 8’ (2.44 m), IT MUST TERMINATE AT LEAST 2’ (0.61 m) HIGHER THAN ANY PORTION OF A BUILDING WITHIN 10’ (3.05 m) OF THE VENT.*

**CAUTION:** This appliance must not be connected to or joined with any chimney flue serving any other appliance.
1. Remove screw securing burner at back wall of firebox. Lift right side of burner up to release from burner orifice. Remove burner from firebox.

2. Install (4) halogen bulbs. (Included in components packet).

3. Reinstall burner assembly, making sure venturi is positioned around burner orifice. Secure burner to back wall with screw previously removed.

---

**Fireglass Installation**

(purchased separately)

- **ATTENTION:** Do not operate this fireplace without fireglass installed. Various colors available. See Dealer for details.

- **WARNING:** Do not block pilot assembly with fireglass. A blocked pilot assembly may result in a delayed ignition.

Install fireglass onto burner assembly and pilot shield, being careful not to block pilot assembly.

---

**Contemporary Frame Installation**

(purchased separately)

- **ATTENTION:** Do not operate this fireplace without face frame installed. Various finishes are available. See Dealer for details.

- **NOTE:** Contemporary frame must have 1/4” (6 mm) clearance on top for removal from fireplace.

Align hooks in contemporary frame to corresponding slots in fireplace. Insert hooks into slots required depth needed to accommodate facing material (up to 1/2” (13 mm) thick).
1. Use remote to turn fireplace ‘OFF’.

2. Remove contemporary frame. Refer to page 20 if necessary.

3. Shut off gas supply at manual shut-off valve.

4. Disconnect gas line flex tube from manual shut-off valve.

5. Unplug all components from electrical outlet, disconnect all wiring harnesses attached to gas valve.

6. Remove glass frame assembly. Refer to page 11 if necessary.

7. Remove fireglass.

8. Remove screw securing burner assembly to back wall of firebox. Remove burner assembly by lifting up and to the right, releasing venture from burner orifice. Remove burner assembly from firebox.

9. Remove halogen bulbs.

10. Remove (7) screws securing control board to firebox bottom. Lift control board up and out of firebox being careful not to damage sealing gasket lying underneath.
1. Place control board in firebox, aligning holes in board to holes in firebox bottom. MAKE SURE SEALING GASKET IS IN PLACE ON FIREBOX BOTTOM! Secure control board to firebox bottom with (7) screws previously removed.

2. Reinstall halogen bulbs.

3. Reinstall burner assembly by positioning over burner orifice and aligning mounting holes at sides of burner tube over tabs on control board. Secure to firebox back wall with screw previously removed.


5. Reconnect gas line to manual shut-off valve.

6. Reconnect all wiring harnesses to gas valve. Plug all components into electrical outlet.


8. Turn gas on.


10. Verify proper log placement, operation of fireplace, and any electrical components.

WARNING: DO NOT OPERATE THIS FIREPLACE WITHOUT SEALING GASKET (LOCATED UNDER CONTROL BOARD) IN PLACE. IF GASKETING IS DAMAGED, IT MUST BE REPLACED.

CAUTION: CHECK ALL CONNECTIONS FOR LEAKS, WHETHER FIELD OR FACTORY MADE.
IMPORTANT: THIS SYSTEM REQUIRES ELECTRICITY (110 V) AND / OR BATTERIES TO OPERATE. USING BATTERY BACK UP WILL OPERATE BURNER ONLY. FAN AND LIGHT COMPONENTS WILL NOT FUNCTION ON BATTERY BACK-UP POWER.

Light kit not available in all fireplace models
NCL-195 CONTROL MODULE COMPONENTS

- COMMUNICATION LINK TO EXTENSION MODULE
- VALVE STEP MOTOR TERMINAL
- LEARN BUTTON
- AC ADAPTOR CONNECTION
- CONTINUOUS PILOT ON/OFF SWITCH
- REMOTE ON/OFF SWITCH
- ‘S’ SENSOR PILOT CONNECTION
- ‘I’ IGNITER PILOT CONNECTION
- MAIN CONTROL MODULE
- NON-OPERATIONAL
- POWER TO LIGHT KIT
- COMMUNICATION LINK TO CONTROL MODULE
- FAN CORD PLUG-IN
- BACK-UP BATTERY PACK
- AC ADAPTOR

EXTENSION MODULE
NCL-195 REMOTE CONTROL INFORMATION

- Manual On / Off
- Room Temperature
- Fan Speed
- Continuous Pilot
- Flame Height
- Battery Life Icon
- Set Temperature (visible only in Thermo Mode)
- Light Level
- Child Proof Icon
- Thermostat Mode Icon

PAGE 27
ELECTRICAL WARNING AND INFORMATION:

- Electrical wiring must be installed by a licensed electrician.
- Do NOT wire 110V to wall switch.
- Uninterrupted or continuous power is required at all times in IPI systems EXCEPT when using battery back-up.
- Incorrect wiring will override IPI safety lockout and may cause an explosion.
- Disconnect 110V before servicing

A double receptacle box cover and (3) wire nuts are supplied in fireplace components packet to be used when hardwiring to electrical box located under firebox on right side of fireplace.

ATTENTION: THIS SYSTEM GOES THROUGH A CALIBRATION MODE WHEN SWITCHING FROM ON TO THERMO TO OFF MODES, CREATING A HUMMING SOUND WHICH IS A NORMAL PART OF OPERATION.

CONTINUOUS PILOT (FOR VERY COLD CONDITIONS)

The IPI gas control system has the option of a continuous (standing) pilot feature. This allows the user to change from a spark to pilot system to a standing pilot system for direct vent appliances during cold weather conditions. By having the pilot on continuously, the firebox will remain warm and a draft is established in the vent, allowing main burner to turn on with less air-flow disruption.

When continuous pilot mode is activated and fireplace is turned ON, the pilot will spark and light. When fireplace is turned OFF, the pilot will remain lit when main burner has been turned OFF.

This pilot feature can be activated or de-activated by the hand held remote control transmitter. Please follow instructions on page 28.

OPERATION USING BATTERY POWER

This fireplace has an optional battery operation if electrical power is lost. Position battery pack with four “AA” size batteries installed between valve and front of fireplace. This is the coolest location under firebox, ensuring longer battery life.

NOTE: When operating fireplace in this capacity, the only function available is flame modulation.

MATCHING SECURITY CODES

Before matching security codes make sure 120V AC is connected and powered to fireplace, and hand held remote control is installed with (2) AA batteries.

It may be necessary to program main control module to LEARN the security code of the hand held remote control upon initial use, if batteries are replaced, or if a replacement remote control is purchased from your dealer.

1. When matching security codes, be sure slide button on main control module is in REMOTE; the code will not “LEARN” if slide is in OFF.

2. Program main control module to LEARN a new security code by pushing in LEARN button on main control module using a pencil point (you should hear a single ‘beep’ letting you know module is ready to learn a new code).

3. Press any button on hand held remote control (you should hear four ‘beeps’ in rapid succession in main control module, indicating remote control’s code has been programmed into the main control module). When an existing main control module is introduced to a new hand held remote control, the new security code will overwrite the old one.

If it ever becomes necessary to clear the memory from the hand held remote control, simply push and hold the LEARN button for 10 seconds (you should hear three long beeps in succession). You may now follow steps outlined above to ‘RE-LEARN’ security codes.
INITIAL SET-UP:

Plug Extension Module and AC Adaptor into receptacles.

Install (4) AAA batteries into battery compartment of Backup Battery Pack, making sure batteries are installed in proper direction. Position between valve and front of stove. A Velcro strip has been attached to help secure in place.

The Hand Held Remote operates on (2) 1.5V AAA batteries. We recommend always using ALKALINE batteries to extend battery life and improve operational performance.

NOTE: This system is sent to you set up for Natural Gas and temperature units readable in Fahrenheit.

This system allows for gas type conversion and temperature unit conversion by following the setup procedure outlined below.

GAS TYPE CONVERSION:

Press and hold Learn Button on Main Control Module for 20 seconds. A beep will be heard letting you know the procedure has been completed.

If converting from NAT to LP gas: (1) one second long beep

If converting from LP to Nat gas: (3) three second long beep

Continue with gas type conversion by following instructions included with gas conversion kit.

CELSIUS/FAHRENHEIT CONVERSION:

Press UP and DOWN keys simultaneously to choose Celsius or Fahrenheit.

IMPORTANT SAFETY FEATURE:

This system has a maximum room temperature limit of 95°F (35° C) in both manual and thermostat modes. When room temperature is at or above this point the system will shut down and the hand held remote control will read OFF. If you turn the system ON when room temperature is still at or above this temperature, the system will again shutdown after 2 minutes when room temperature is recalculated.

CONTINUOUS PILOT FEATURE:

Activation of this optional feature is accomplished by pressing PILOT button once. The continuous pilot icon will appear on the LCD screen. Pressing PILOT button again will de-activate this feature.

This feature can also be activated via CONTINUOUS PILOT switch on Main Control Module.

CHILDPROOF FEATURE:

Activation of this optional feature is accomplished by pushing SET & UP buttons simultaneously for 5 seconds. The childproof icon will appear on the screen. When a transmitter button is pressed the icon will flash on screen, but no signal will be transmitted. Pressing and holding these same two buttons again for more than 5 seconds will de-activate this function.

This feature controls only manual functions of the hand held remote, automatic functions (thermostat mode) will not be effected.
MANUAL MODE:

This remote can be manually or thermostatically operated.
Press **MODE** button for manual ON. The flame icon will appear on the LCD screen. Press **MODE** button again to put the control into **THERMO** mode. Pressing **MODE** again will turn fireplace OFF.

**NOTE:** The **MODE** button operates in a series that will cycle from **ON** to **THERMO** to **OFF**.

FAN MODE:

This remote will operate the fan, allowing for (6) different speed levels. When the **FAN** button is pressed, FAN level setting will flash on the LCD screen. Press **UP** or **DOWN** buttons to select desired fan speed level. If no adjustment is made within 7 seconds, the control will exit function setting mode and LCD display will return to normal view.

**NOTE:** Delayed ON/OFF - The fan will not turn on until fireplace has been burning for 5 minutes and will not turn off for 12 minutes after fireplace has been turned off.

**EXCEPTION:** If fireplace is turned back on during 12 minute off-delay time frame, the fan will remain on.

This applies to **MANUAL** and **THERMO** modes.

LIGHTING MODE:

This remote will operate the lights, allowing for (6) different light levels.
When **LIGHT** button is pressed, LIGHT level setting will flash on the LCD screen. Press **UP** or **DOWN** buttons to select desired light level. If no adjustment is made within 7 seconds, the control will exit function setting mode and LCD display will return to normal view.

**NOTE:** There is a 3 second delay before light level setting is achieved.

**NOTE:** Light operations are completely independent from flame and fan operations.

FLAME MODE:

**IMPORTANT:** Because this fireplace produces low BTU’s, there will be minimal visual variation between flame height level settings. However, operating range remains from a low of 4,500 BTU’s to a high of 12,500 BTU’s.

This remote will operate the flame, allowing for (6) different flame height levels. When **MAIN FLAME** button is pressed, FLAME level setting will flash on the LCD screen. Press **UP** or **DOWN** buttons to select desired flame level. If no adjustment is made within 7 seconds, the control will exit function setting mode and LCD display will return to normal view.

**NOTE:** The fireplace will initially light at the highest level. After 5 seconds the flame will adjust to last chosen level before fireplace was turned OFF.

This applies to **MANUAL** and **THERMO** modes.
**THERMO (THERMOSTAT) MODE:**

This remote feature allows you to thermostatically control the fireplace when hand held remote is set to THERMO mode.

Set Temperature Range: 45°F (7°C) to 90°F (32°C).

Set remote to THERMO mode by pressing MODE button. The smaller SET window of numbers appears on the LCD screen. The first SET number will read 45°F. Press UP button to desired set room temperature. Within 5 seconds fireplace will operate to that Set Temperature. The FLAME, ON and THERMO icons will appear on the LCD screen. By pressing UP or DOWN buttons a new set temperature may be attained.

**NOTE:** The flame height can adjust up to (6) different height levels according to amount of heat required. This range however is dictated by the Flame Level setting (see previous page). When desired temperature is met, the fireplace will shut off until more heat is required.

**SET Temperature will only appear when THERMOSTAT MODE is activated, but is implemented in all MODES with the exception of MANUAL MODE.**

To exit THERMO mode press the MODE button. This also shuts fireplace OFF.

**IMPORTANT:** When in THERMO mode the fireplace will not turn on until room temperature falls below SET TEMPERATURE.

**SYSTEM OPERATION WITHOUT HAND HELD REMOTE:**

This system is designed to operate with the hand held remote or a thermostat, but in the unlikely event that it is required to be operated without the hand held remote or a thermostat, follow this simple procedure.

Slide REMOTE / OFF switch on main control module to OFF. The fireplace can now be lit and shut off by use of the ON/OFF rocker switch.

**NOTE:** When operating fireplace in this capacity, the only function available is burner operation on HI.
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.

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.

1. This fireplace is equipped with an ignition device which automatically lights pilot and main burner. The pilot and burner light automatically with the hand held remote only. DO NOT try to light the pilot by hand. Before lighting this fireplace, follow these instructions exactly.

2. BEFORE LIGHTING, smell all around the appliance for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

3. 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.

WHAT TO DO IF YOU SMELL GAS:

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

WARNING: CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURES AND SHOULD STAY AWAY TO AVOID BURNS OR CLOTHING IGNITION. YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE SAME ROOM AS THE APPLIANCE. CLOTHING OR OTHER FLAMMABLE MATERIAL MUST NOT BE PLACED ON OR NEAR THE APPLIANCE.

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

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

STOP! Read safety information on previous page and front cover of this manual before continuing.

1. Turn off all electrical power to fireplace.

2. Press hand held remote MODE button to ‘OFF’.

3. Wait five (5) minutes to allow any gas that may have accumulated inside firebox to escape. If you then smell gas, STOP! Follow safety information on front cover and on previous page of this installation manual. If you don’t smell gas, go to next step.

4. Turn ON all electrical power to fireplace.

5. Press hand held remote MODE button to ‘ON’.

**ATTENTION:** This fireplace is equipped with an ignition device which automatically lights the pilot. DO NOT try to light the pilot by hand.

**NOTE:** When fireplace is initially lit, condensation will appear on the glass; this is normal in all gas fireplaces and will disappear after several minutes.

**TURNING OFF GAS TO FIREPLACE**

1. Press hand held remote MODE button to ‘OFF’.

2. Turn OFF all electrical power to fireplace if service is required.

3. Turn manual shut-off valve to OFF.
**PRESSURE TESTING**

**IMPORTANT NOTICE:** Pressure check taps for manifold (outgoing) and inlet (incoming) pressure have been incorporated into the valve. The pressure tap marked ‘OUT’ measures outgoing pressure and pressure tap marked ‘IN’ measures incoming pressure. Follow instructions below for proper testing procedures.

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

**NOTE:** The appliance must be isolated from 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 ½ psi (3.5 kPa).

**INLET PRESSURE TEST:**

1. Loosen inlet (‘IN’) pressure tap screw (counter-clockwise).
2. Attach manometer using a 1/4” I.D. hose.
3. Light fireplace using hand held remote control. Note manometer reading.
4. Turn fireplace off using hand held remote control.
5. Disconnect hose and tighten screw (clockwise). Screw should be snug, do not over tighten.
9. Relight fireplace using hand held remote control. Reattach manometer to 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 incoming gas pressure.

**CAUTION:** A LOW PRESSURE READING CAN CAUSE DELAYED IGNITION
IGNITION SAFETY: Protection for Ignition System

Error Code: One beep every one second.

Description of Fault: Warns users if pilot is not successfully ignited in 60 seconds.

How to Clear: Press MODE button to OFF then to ON to re-attempt ignition.

What to Check:
- Ensure gas supply is turned on.
- Ensure orange/white leads from module are plugged into “PILOT” connection on valve body.
- Verify lead from igniter on pilot assembly is connected to “I” terminal on main control module. (Clicking sound will also be heard).
- Verify lead from flame sensor on pilot assembly is connected to “S” terminal on main control module. (Pilot will light but main burner will not. Pilot will extinguish after 60 seconds and error code will alarm).
- Verify black ground lead is connected to tab extending from valve bracket.

SENSOR SAFETY: Protection for Flame Sensor

Error Code: Four beeps every one second.

Description of Fault: Warns users pilot flame sensor detects a pilot flame already present when ignition sequence is initiated. This fault will also occur if pilot flame sensor on main control module is shorted to ground.

How to Clear: Press MODE button to OFF then to ON to re-attempt ignition.

What to Check:
- Check if pilot flame is actually present when valve is turned OFF (if yes, replace valve).
- Replace pilot assembly.
- Replace module.

THERMAL SAFETY: Overheat Protection

Error Code: Four beeps every two seconds.

Description of Fault: Warns users that module’s internal temperatures have exceeded 170˚F (77˚C).

How to Clear: Module’s internal temperatures must cool to below 160˚F (71˚C) and then press ON button.

What to Check:
- Are modules located in an unapproved location. Move to cooler location.

COMMUNICATION SAFETY: Protection for Ignition System

Error Code: One beep every four seconds.

Description of Fault: Warns users the hand held remote and main control module are not communicating properly. This safety feature is active in both manual and thermo modes. The remote control sends a communication safety signal every 15 minutes. If the main control module does not receive this signal, it begins a 2-hour countdown. If no communication safety signal is received at the end of this countdown, the system will enter communication safety shutdown which turns system OFF and emits the error code.

What to Check:
- Verify batteries in hand held remote control are new.
- Ensure remote control is located within 20 ft. (6 m) of main control module.
- Ensure remote control is not placed directly on top of or inside a metal enclosure as this can interfere with transmission.
FINALIZING THE INSTALLATION

FLAME APPEARANCE:

Flame appearance is affected by several factors including altitude, venting configuration and fuel quality. Although the venturi setting has been factory set, adjustments may be necessary for optimal performance and visual aesthetics.

When fireplace is first lit, the flames will be blue. Flames will gradually turn yellowish-orange during first 15 minutes of operation. If flames remain blue, or become dark orange with evidence of sooting (black tips), the burner tube venturi may need adjustment.

WARNING: BURNER TUBE ADJUSTABLE VENTURI POSITIONING SHOULD ONLY BE PERFORMED BY A QUALIFIED SERVICE TECHNICIAN.

<table>
<thead>
<tr>
<th>NATURAL GAS</th>
<th>LP (PROPANE) GAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8&quot; (3 mm) OPEN</td>
<td>1/2&quot; (13 mm) OPEN</td>
</tr>
</tbody>
</table>

BURNER TUBE VENTURI ADJUSTMENT GUIDELINES

<table>
<thead>
<tr>
<th>VENTURI POSITION</th>
<th>FLAME COLOR</th>
<th>VENTURI ADJUSTMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closed too far</td>
<td>Dark orange flame with black tips</td>
<td>Open venturi setting slightly</td>
</tr>
<tr>
<td>Open too far</td>
<td>Blue flames</td>
<td>Close venturi setting slightly</td>
</tr>
</tbody>
</table>

IMPORTANT: SLIGHT ADJUSTMENTS TO BURNER VENTURI OPENING CREATE DRAMATIC RESULTS. ADJUST AT SLIGHT INCREMENTS UNTIL DESIRED LOOK IS ACHIEVED. ALWAYS BURN FIREPLACE FOR AT LEAST 15 MINUTES AND ALLOW TIME TO COOL BEFORE MAKING ANY FURTHER ADJUSTMENTS.

WARNING: TO AVOID PROPERTY DAMAGE OR PERSONAL INJURY, ALLOW FIREPLACE AMPLE TIME TO COOL BEFORE MAKING ANY ADJUSTMENTS.

TO ADJUST VENTURI:

1. Remove decorative frame, glass frame assembly, fire glass, pilot shield and burner assembly from fireplace.
2. Remove screw securing burner at back wall of firebox. Lift right side of burner assembly up to release venturi from burner orifice. Remove burner assembly from firebox.
3. Loosen venturi screw, make adjustment, retighten screw.
4. Re-install burner, making sure venturi is positioned over burner orifice. Secure to back wall with screw previously removed.
5. Reinstall pilot shield, fireglass, glass frame assembly and decorative frame.
6. Light fireplace. Wait at least 15 minutes before determining if any further adjustments are necessary.
FINALIZING THE INSTALLATION

RESTRICTOR USAGE:

Turn fireplace on and allow to burn for 15 minutes. If flames indicate there is excessive draft (flickering, short flames) or insufficient draft (lifting or ghosting flames) a restrictor may be necessary, or previously installed restrictor may need to be modified or removed.

WARNING: TO AVOID PROPERTY DAMAGE OR PERSONAL INJURY, ALLOW FIREPLACE AMPLE TIME TO COOL BEFORE MAKING ANY ADJUSTMENTS AND / OR INSTALLATIONS.

RESTRICTOR TROUBLESHOOTING

<table>
<thead>
<tr>
<th>FLAME APPEARANCE</th>
<th>DRAFT PROBLEM</th>
<th>RESTRICTOR SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short, flickering</td>
<td>Excessive draft - not enough restriction</td>
<td>Add restrictor</td>
</tr>
<tr>
<td>Lifting or ghosting*</td>
<td>Insufficient draft - too much restriction</td>
<td>Remove inner ring (s) on restrictor or remove restrictor</td>
</tr>
</tbody>
</table>

* Improper venting installation may cause flames to lift or “ghost” - a dangerous situation. Inspect flames after installation to ensure proper performance. If it is determined that venting is correct and the restrictor has been removed, yet flames are still lifting or ghosting, shut off gas supply to fireplace and call a qualified service technician.

RESTRICTOR INSTALLATION / MODIFICATION (after termination completion):

If it is determined that a restrictor is needed or restrictor modification is required after the termination is installed, access can be reached by completely opening fireplace exhaust damper and inserting restrictor through opening.

1. Open exhaust damper by loosening wing nuts.
2. Depending on your specific needs, determined by the chart above along with other factors, make necessary modifications.
3. If installation of a restrictor (included in fireplace components packet) is necessary, bend tabs on restrictor to approx. 80 degree angles to create tension when inserted into the exhaust pipe on fireplace. Insert restrictor into 5” exhaust pipe with tabs pointing towards you.
4. If modification is necessary, remove restrictor by pulling it down and out of 5” exhaust pipe.
5. Readjust exhaust damper to desired position. Tighten wing nuts.
6. Attach glass frame assembly and light fireplace. Wait 15 minutes before determining if any further modifications are necessary.
The appliance is required to be inspected at least once a year by a professional service person.

The compartment below 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 the burner be cleaned once a year.

NOTE: INSTALLATION AND REPAIR SHOULD BE DONE ONLY BY QUALIFIED SERVICE PERSON. THE APPLIANCE SHOULD BE INSPECTED BEFORE USE AND 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.

CONTROL BOARD SYSTEM

- Annual cleaning of the burner system is required.
- The burner assembly may be removed for easier access. Refer to pages 21-22 in this installation manual for complete instruction on removing & reinstalling burner assembly.
- Visually check for blocked port holes, especially near pilot. Blocked port holes may cause delayed ignition.
- Reinstall burner assembly following instructions on page 22 of this installation manual.
- Visually check pilot light and burner when in operation. The flames should be steady, not lifting or floating.

![Burner Orifice](image1)

![Burner Ports](image2)

![Pilot](image3)

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.

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

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

GLASS CLEANING & REPLACEMENT

- Clean glass only when cool and only with non-abrasive cleansers.
- Do not operate this fireplace with glass/frame assembly removed, cracked or broken.
- The glass assembly, part #TWO-015T, shall only be replaced as a complete unit, as supplied by Hussong Mfg. Co., Inc.
- Replacement of glass & frame assembly, part #TWO-015T, must only be performed by a licensed or qualified service person. DO NOT SUBSTITUTE MATERIALS.
- Do not strike or slam glass door assembly.

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

MAIN CONTROL MODULE WILL NOT LEARN TRANSMITTER

♦ Ensure REMOTE/OFF switch on side of main control module is set to REMOTE.

♦ Make sure batteries in both the hand held remote and backup battery pack are installed in the proper direction and are not drained.

♦ Verify hand held remote indicates a signal is being sent. The LCD display should indicate ON or OFF depending on which button is being pressed. The LED indicator should illuminate on wall transmitters and on/off transmitters. Buttons should be pressed and held for 1 to 2 seconds to ensure a complete signal is sent.

♦ Ensure 4-pin lead-set is securely connected from battery pack to main control module’s AUX connection. If the A/C adapter is used, check that leads from adapter are securely connected to POWER terminals on main control module.

♦ Press and hold LEARN button on main control module for approximately 10 seconds to clear memory (you should hear a series of beeps from the receiver), immediately press either the ON or OFF button on hand held remote (you should hear a series of beeps indicating the transmitter code has been learned).

PILOT WILL NOT LIGHT / STAY LIT

♦ Verify gas supply is turned on.

♦ Verify main control module is receiving signal from hand held remote by listening for a beep from receiver when ON is pressed on hand held remote. If you do not hear a beep, ensure main control module has learned the hand held remote. (See above).

♦ Ensure black lead from pilot assembly igniter is securely connected to terminal labeled “I” and red lead from flame rectification sensor is securely connected terminal labeled “S” on main control module.

♦ Make sure orange and white leads from main control module are securely connected to terminals labeled “PILOT” on valve body.

♦ Ensure black GROUND wire is securely connected to tab located next to ON/OFF toggle switch. A proper ground is essential to spark igniter operation.

♦ Make sure pilot flame is in contact with flame rectification sensor on pilot assembly. This valve is equipped with a pilot flame adjustment screw. If pilot flame is too small it will not contact flame rectification sensor and will not complete the safety circuit.

♦ Check continuity of pilot on valve. Remove wire connector. If there is no continuity on pin terminals, replace valve.

PILOT FLAME ALWAYS ON / WILL NOT EXTINGUISH

♦ Ensure continuous pilot icon is not present in LCD screen. If icon is present, press PILOT button. This will de-activate the continuous pilot feature and the icon will disappear from LCD screen.

PILOT BURNING BUT IGNITER CONTINUES TO SPARK

♦ Check that flame sensor is fully impinged by pilot flame. If needed, adjust pilot.

♦ Check end-to-end continuity of sensor. If sensor has continuity, replace module.
TROUBLESHOOTING

MAIN FLAME WILL NOT LIGHT

- Verify gas supply is turned on.
- Ensure pilot flame will ignite. If not, see pilot flame troubleshooting on previous page.
- Make sure green and white leads from module are securely connected to terminals marked “MAIN” on valve body.
- Make certain pilot flame is in contact with flame rectification sensor on pilot assembly. This valve is equipped with a pilot flame adjustment screw. If pilot flame is too small it will not contact flame rectification sensor and will not complete the safety circuit.
- Ensure pilot flame is properly located to ignite main flame.
- Does hand held remote show CP in the display? If yes, childproof is on. De-activate by pushing PROG/TIME & UP keys at same time for more than 5 seconds.
- Check continuity of main burner coil on gas valve. Remove wire connector. If there is no continuity on pin terminals, replace valve.

FLAME HEIGHT ADJUSTMENT NOT WORKING / WORKS BACKWARDS

- Ensure black and red leads from battery pack or module are securely connected to red and black leads from motor drive located on valve body (red to red, black to black).
- Check functionality with all transmitters to determine if there is an issue with the main control system or an individual transmitter. If the issue is with an individual transmitter, make sure batteries in hand held remote and backup battery pack are installed properly and are not drained.

ROOM TEMP. DISPLAYED ON HANDHELD REMOTE NOT CORRECT.

- Ensure transmitter was not recently stored in a different location (air-conditioned, heated) from that in which the hand held remote was tested. It may take up to 3 hours for the temperature inside a packaged transmitter, and several minutes for an unpackaged transmitter to equalize with room temperature.

FIREPLACE WILL NOT RESPOND IN “THERMO” MODE

- Ensure hand held remote is within 20 ft. (6.096 m) operational range.
- Make sure an ON or OFF command was not last sent from another transmitter. These commands will override thermal commands from the handheld remote control. To return system to THERMO mode, press either ON or OFF on hand held remote, then press MODE button to put system in THERMO mode. Press and hold SET button to change set temperature.
- Verify set temperature on hand held remote is at least 2°F (1°C) above or below room temperature. The system will not react to temperatures within 2°F (1°C) of set temperature.
### NCL-195 BOARD SYSTEM AND PARTS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCL-600-IPI</td>
<td>NCL-195 IPI Board - Nat Gas</td>
<td>700-751</td>
<td>Battery Back-up with (4) AA Batteries</td>
</tr>
<tr>
<td>NCL-601-IPI</td>
<td>NCL-195 IPI Board - LP Gas</td>
<td>700-203</td>
<td>Manual Shut-off Valve</td>
</tr>
<tr>
<td>700-400-NCL</td>
<td>Main Control Module</td>
<td>700-213</td>
<td>18” Flexible Gas Line-Black</td>
</tr>
<tr>
<td>700-404</td>
<td>IPI Valve - Natural / LP Gas</td>
<td>700-226</td>
<td>Flexible Gas Line-Valve to Burner Connection</td>
</tr>
<tr>
<td>700-199</td>
<td>Pilot Assembly - Natural Gas</td>
<td>700-252</td>
<td>Natural Gas Orifice #52</td>
</tr>
<tr>
<td>700-199-1</td>
<td>Pilot Assembly - LP Gas</td>
<td>700-260</td>
<td>LP Gas Orifice #60</td>
</tr>
<tr>
<td>700-800</td>
<td>8-PIN Primary Wire Harness: Primary Wire Harness</td>
<td></td>
<td>OCK-A52N-IPI Natural Gas Conversion Kit</td>
</tr>
<tr>
<td>700-500</td>
<td>5-PIN Wire Harness: Main Module to Valve Step Motor</td>
<td>700-752</td>
<td>OCK-A60L-IPI LP Gas Conversion Kit</td>
</tr>
<tr>
<td>700-120</td>
<td>Extension Module</td>
<td>700-753</td>
<td>Pilot Igniter (with wire)</td>
</tr>
<tr>
<td>700-401</td>
<td>4-PIN Wire Harness: Main Module to Extension Module</td>
<td>700-753</td>
<td>Pilot Flame Sensor (with wire)</td>
</tr>
<tr>
<td>700-750</td>
<td>7.5 Volt Adaptor</td>
<td>NCL-135</td>
<td>Burner Assembly</td>
</tr>
<tr>
<td>700-208</td>
<td>IPI Remote Control</td>
<td>NCL-043</td>
<td>Pilot Shield</td>
</tr>
<tr>
<td>700-166</td>
<td>#62 IPI NAT. Gas Pilot Orifice</td>
<td>700-357</td>
<td>#57 NAT Low Limit Screw</td>
</tr>
<tr>
<td>700-168</td>
<td>#35 IPI LP Gas Pilot Orifice</td>
<td>700-374</td>
<td>#74 LP Low Limit Screw</td>
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</table>

### GLASS & GLASS GASKET

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWO-015T</td>
<td>21” x 14” Glass w/ Gasket</td>
<td></td>
<td></td>
</tr>
<tr>
<td>900-006</td>
<td>1-1/8” Glass Gasket w/ Adhesive</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TWO-005</td>
<td>Replacement Valance</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### LIGHT KIT

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCL-LK</td>
<td>Light Kit</td>
<td></td>
</tr>
</tbody>
</table>
KOZY HEAT
LIMITED 10 YEAR WARRANTY
Effective July 01, 2003

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

Hussong Manufacturing Co., Inc. 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. 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 broken, (including glass panels), 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 warrants 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 1988

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

PURCHASER'S NAME: _______________  INSTALLATION DATE: __________

ADDRESS: ________________________  MODEL#: ________  SERIAL #: ________

______________________________  TELEPHONE #: ______________

INSTALLER NAME: __________________

ADDRESS: ________________________  TELEPHONE #: ______________