



LENNOX HEARTH PRODUCTS



RETAIN THESE INSTRUCTIONS
FOR FUTURE REFERENCE

INSTALLATION AND OPERATING INSTRUCTIONS

REFLECTIONS™

36" Electric Fireplace
P/N 850,019M REV. B 04/2007

MODELS

LSE-36R

This installation manual will enable you to obtain a safe, efficient and dependable installation of your electric fireplace. Please read and understand these instructions before beginning your installation.

Do not alter or modify the fireplace or its components under any circumstances. Any modification or alteration of the fireplace system, including but not limited to the fireplace and accessories, may void the warranty, listings and approvals of this system and could result in an unsafe and potentially dangerous installation.

**IMPORTANT! TO ASSURE PROPER ALIGNMENT OF GLASS DOORS:
INSTALL THIS FIREPLACE IN A SQUARE AND PLUMB CONDITION,
USING SHIMS AS NECESSARY AT SIDES AND/OR BOTTOM.**

**INSTALLER: DO NOT DISCARD THIS MANUAL
PLEASE LEAVE FOR THE HOMEOWNER**

FOR YOUR SAFETY

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

**LENNOX™ ELECTRIC FIREPLACES ARE DESIGNED FOR USE AS
A DECORATIVE APPLIANCE AND/OR AS A SUPPLEMENTAL
HEATER. THEY ARE NOT INTENDED FOR CONTINUOUS USE AS
A PRIMARY HEAT SOURCE.**



OTL Report No. 116-F-12-2

CONGRATULATIONS!

In selecting this DAVE LENNOX Signature™ Collection electric fireplace, you have chosen the finest and most dependable fireplace found anywhere. A beautiful and prestigious addition to the finest homes. Welcome to a Family of hundreds of thousands of satisfied LENNOX Fireplace Owners.

Please read and carefully follow all of the instructions found in this manual. Please pay special attention to the safety instructions provided in this manual. The Homeowner's Care and Operation Instructions included here will assure that you have many years of dependable and enjoyable service from your LENNOX product.

TABLE OF CONTENTS

Tools Required	page 2
Precautions	page 2
General Information	page 2
Locating the Fireplace	page 3
Unpacking the Unit	page 3
Framing Specifications	page 4
Fireplace Specifications	page 4
Assembly Outline	page 5
Unit Installation	page 6
Unit Activation	page 7
Completing the Assembly	page 7
Final Finishing	page 8
Hearth Information	page 8
Mantels	page 8
Cabinet Installation	page 8
Electrical Connections	page 8
Direct Wire Connection	page 9
Installing the Logs	page 9
Service Instructions	page 9
Glass Frame Removal	page 9
Glass Information	page 9
Remote Control Operation	page 10
Replacing Light Bulbs	page 10
Maintenance of Motors	page 11
Wiring Diagram	page 11
Troubleshooting Diagram	page 12
Replacement Parts	page 13
Replacement Parts List	page 13
Accessories and Components	page 14

WARNING: IF THE INFORMATION IN THIS MANUAL IS NOT FOLLOWED EXACTLY, AN ELECTRICAL SHOCK OR FIRE MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.

TOOLS AND BUILDING SUPPLIES NORMALLY REQUIRED

Tools:

Phillips screwdriver
7/16" Socket Drive
Hammer
Saw and/or sabersaw
Level
Measuring tape
Plumb line
Electric drill and bits
Pliers
Square

Building supplies:

Framing materials
Wall finishing materials
Caulking materials (noncombustible)

PRECAUTIONS

Note: This fireplace system is not difficult to install. However, in the interest of safety, it is recommended that the installer be a qualified or certified "tradesman" familiar with commonly accepted fireplace installation and safety techniques as well as prevailing local codes.

GENERAL INFORMATION

This appliance complies with National Safety Standards and is tested and listed by Omni-Test Laboratories (Report No. 116-F-12-2) to UL2021-Fixed and Location-Dedicated Electric Room Heaters (in Canada, CSA C22.2 46M88 (1996)-Electric Air Heaters.

1. IMPORTANT: Before starting your fireplace installation, read these installation instructions carefully to be sure you understand them completely and in entirety. Failure to follow these instructions may result in a possible electric shock, fire hazard and/or injury or property damage and will void the warranty.

2. This appliance may become hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes and curtains at least 3 feet (1m) from the front of this appliance.

3. CAUTION: EXTREME CAUTION IS NECESSARY WHEN ANY HEATER IS USED BY OR NEAR CHILDREN OR INVALIDS AND WHENEVER THE HEATER IS LEFT OPERATING AND UNATTENDED.

4. Do not operate any heater with a damaged cord or plug, or after the appliance malfunctions, or if it has been dropped or damaged in any way.

5. Any repairs to this fireplace should be carried out by a qualified service technician.

6. Under no circumstances should this fireplace be modified. Parts having to be removed for servicing must be replaced prior to operating the fireplace again.

7. DO NOT use this appliance outdoors.

8. This heater is not intended for use in bathrooms, laundry areas or similar indoor locations. Never locate this appliance where it could fall into a bathtub or other water container.

9. DO NOT run cord under carpeting. **DO NOT** cover cord with throw rugs, runners or similar materials. Arrange cord away from traffic areas so that it will not be tripped over.

10. To disconnect this appliance, turn controls to the OFF position, then remove plug from outlet.

11. Connect to properly grounded outlets only.

12. When installed, this appliance must be electrically grounded in accordance with local codes, or in the absence of local codes, with the National Electrical Code, ANSI/NFPA No.70. For Canadian installations, follow local codes or the current CSA C22.1 Canadian Electrical Code.

13. Do not insert or allow foreign objects to enter any ventilation or exhaust opening, as this may cause an electric shock, fire, or damage to the appliance.

14. To prevent a possible fire, do not block air intakes or exhausts in any way. Do not use near soft surfaces, like a pillow, where openings may become blocked.

15. This appliance has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint or flammable liquids are used or stored. This fireplace should not be used as a drying rack for clothing, nor should Christmas stockings or other decorations be hung near it.

16. Use this appliance only as described in this manual. Any other use is not recommended by the manufacturer and may cause a fire, electric shock or injury to persons.

17. Avoid the use of an extension cord because the extension cord may overheat and cause a risk of fire. However, if you have to use an extension cord, the cord shall be No. 16 AWG minimum size and rated not less than 2025 Watts. The extension cord must be a three wire cord with grounding type plug and cord connection.

18. **SAVE THESE INSTRUCTIONS.**

LOCATING YOUR REFLECTIONS™ ELECTRIC FIREPLACE

Your new fireplace may be installed into existing framing. It may also be built into a wall, see *Figure 3*, or set in a freestanding mantle available from your dealer (see *Figure 12*).

When choosing a location for your new fireplace, ensure that the general instructions are followed. Also, for the best effect, install the fireplace out of direct sunlight and away from overhead lighting.

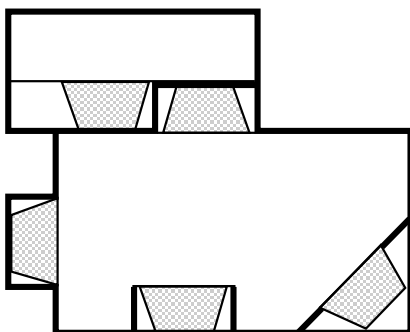


Figure 1

UNPACKING THE UNIT

Refer to *Figure 2* for identification of the components as the product is unpacked.

Be sure to identify all components before proceeding with the installation.

1. Cut the top band of the package assembly and lift the container top off. This top can be used as a clean surface to assemble the television assembly.

2. Remove the grate (1) and ember bed (2) and dust cover (11), set them aside in a safe place off of the floor.

3. Discard the corrugated support (3) and lift out the log package (4). Set it with the grate and ember bed. Remove the door rail and grille cover (12) and set it aside.

4. A panel of glass (5) is located in the front of the carton wrapper. Lift the glass panel out and set it with the logs. All of these items will be installed in the final phase.

5. Cut the bottom band and remove the carton wrapper (6). The wrapper can be used as a working surface in front of the installation opening.

6. Remove the Television support tray (7) from the unit. Place it on the carton top for assembly shortly.

7. Remove the television box (8) from inside the unit and set it near the support tray. Remove the side refractory panels (13).

8. Remove and discard the protector pad (9).

9. Lift the unit (10) off of the carton bottom and set it in front of the framed opening on the carton wrapper. Discard the bottom cap.

All of the components numbered should be identified before proceeding. Order information for any missing components can be found in the replacement parts list on page 12.

TYPICAL PACKAGING

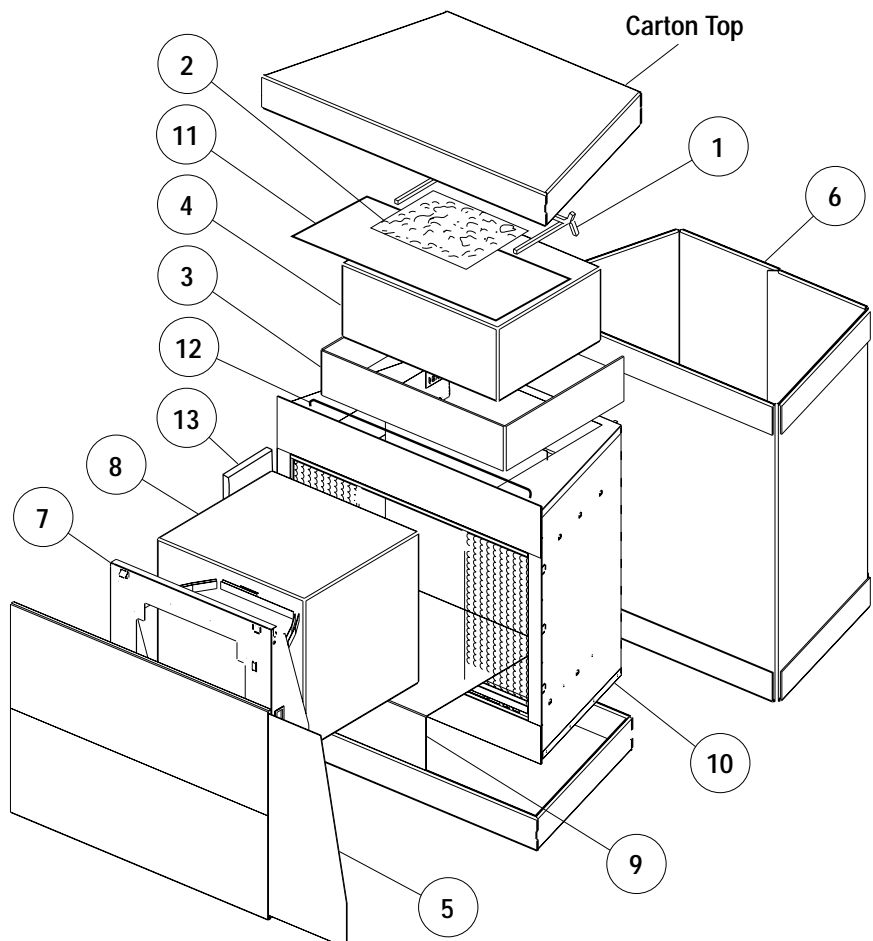


Figure 2

FRAMING SPECIFICATIONS

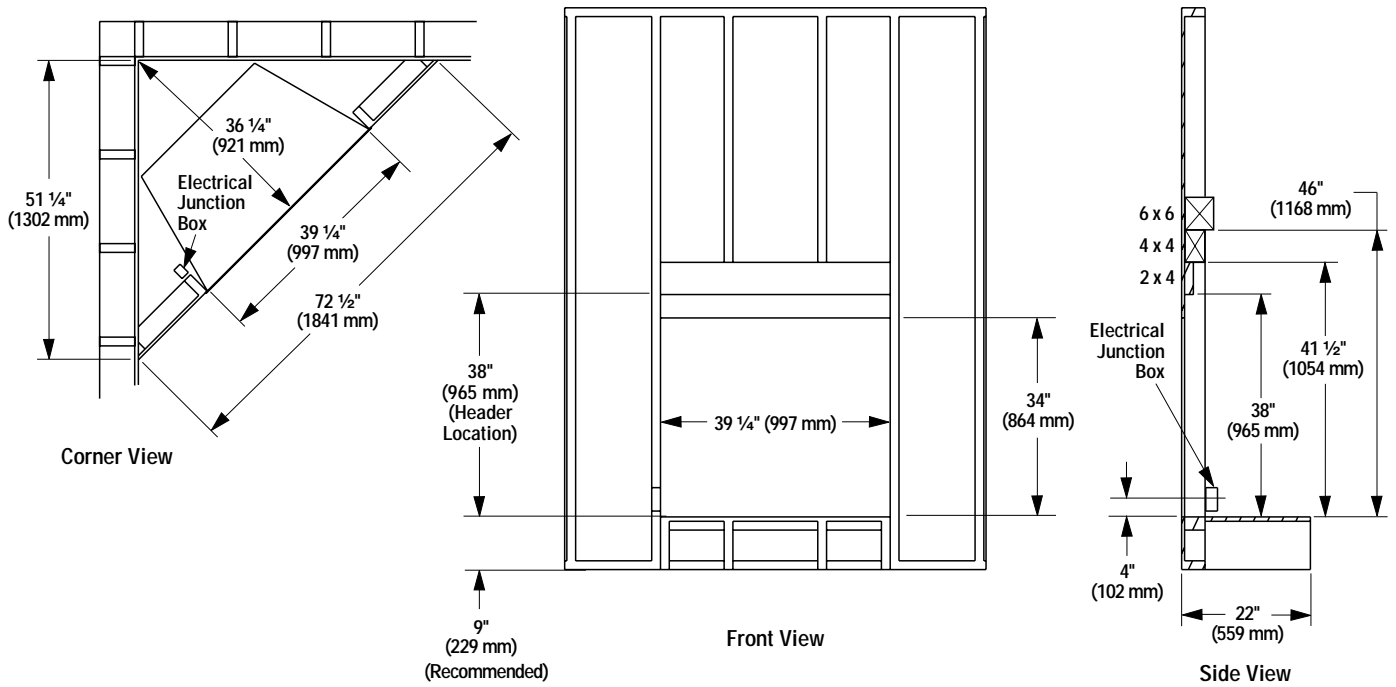


Figure 3

FIREPLACE SPECIFICATIONS

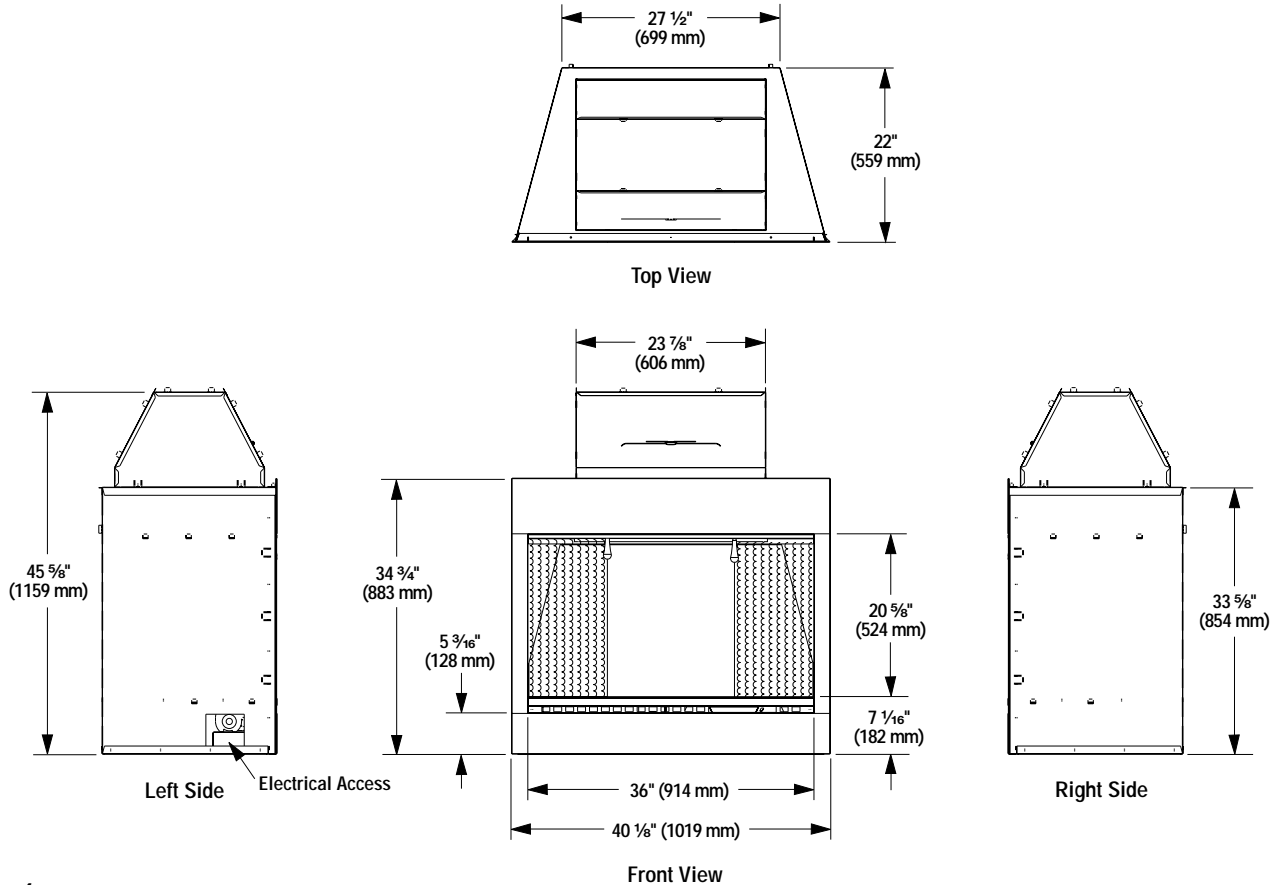


Figure 4

NOTE: DIAGRAMS & ILLUSTRATIONS NOT TO SCALE.

ASSEMBLY OUTLINE

Before You Start

Check your inventory list to be sure you have all the necessary parts supplied in good usable condition. Check also for any concealed damage.

UNIT PRE-ASSEMBLY

Before the installation can begin, two components need to be assembled.

Dust Cover Assembly

The dust cover components come wrapped in foam. There are five (5) parts to the assembly, as shown in *Figure 5*.

Using the illustration for guidance, assemble the components. Use the tabs to lock the components together by bending each inward as illustrated. Bend out the base tabs as shown, to act as latches for installation later.

Set the assembly aside for installation later.

Television Assembly

Lay the television tray assembly onto a flat surface. Use a cardboard protector to protect the tray from marring.

Open the television box and remove all packing materials from the unit. Remove the television and place it beside the tray.

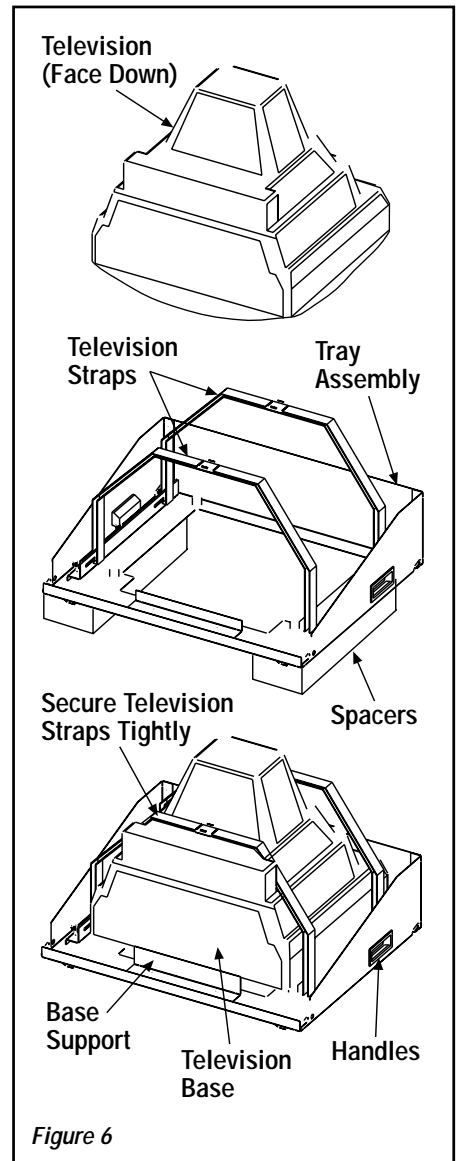
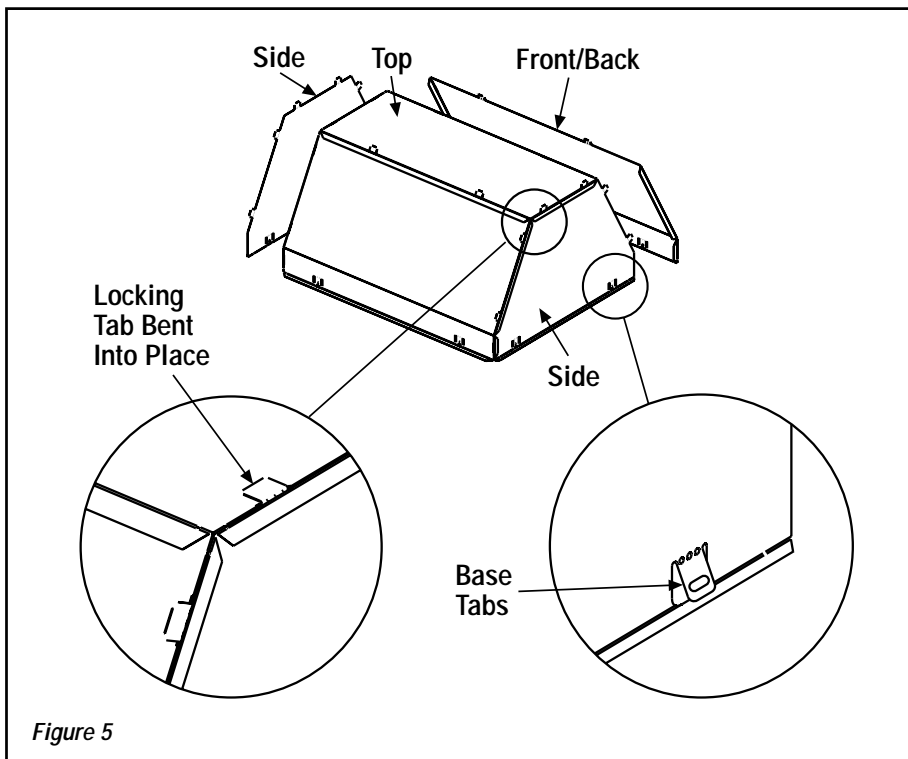
Note: The Television is provided with a remote control. The fireplace does not require this remote control. It may be discarded.

Untie the straps on the tray assembly and loosen them completely. Drape the straps out of the way as much as possible.

The television will lay face down on the tray as shown in *Figure 6*. The television is oriented centrally on the tray with the bottom against the base support. The straps are then doubled over the unit as shown in *Figure 6* and drawn very taut. Lift the assembly up onto its base (as shown in *Figure 9*) and verify the security of the straps. Use the handles on each side of the unit to lift and hold the unit.

Note: The TV screen protrudes below the bottom frame of the tray assembly. Be sure to support the tray assembly above the work surface to protect the TV screen. Use the spacers from the TV box to do this.

CAUTION: THE SECURITY OF THE STRAPS IN THIS ASSEMBLY IS IMPORTANT SO THAT THE INSTALLATION STEPS THAT FOLLOW CAN BE PERFORMED SAFELY.



UNIT INSTALLATION

1. Prepare the framed opening as illustrated in **Framing Specification** on page 4. The header location is important. Verify the minimum distance before starting the installation.

2. Locate the main electrical connection on the left side of the fireplace and connect it to the outlet installed during the framing. Verify that the power to the receptacle is off.

3. Lift and slide the unit into the opening until the face is flush up against the wall. Secure the unit to the side framing members with 1" drywall screws. See **Figure 8**.

4. Install the dust cover assembly into the top of the fireplace from the underside until the unit snaps into position. Fold out the tabs around the base to support it in position. This must be done before the television is installed.

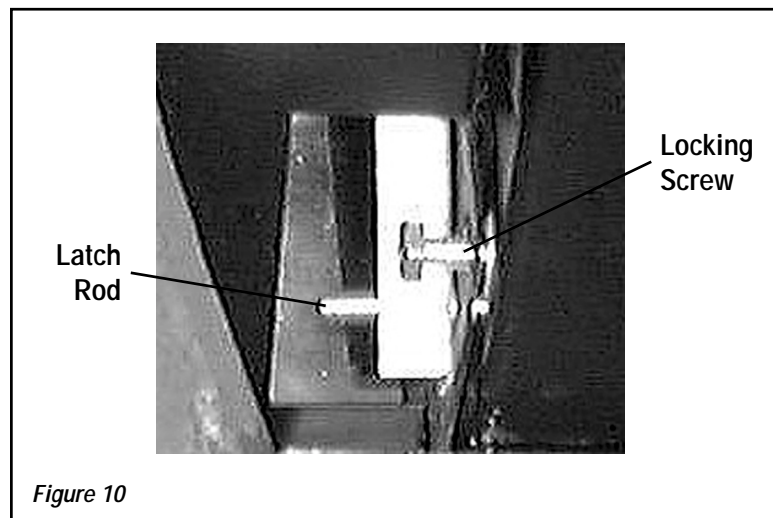
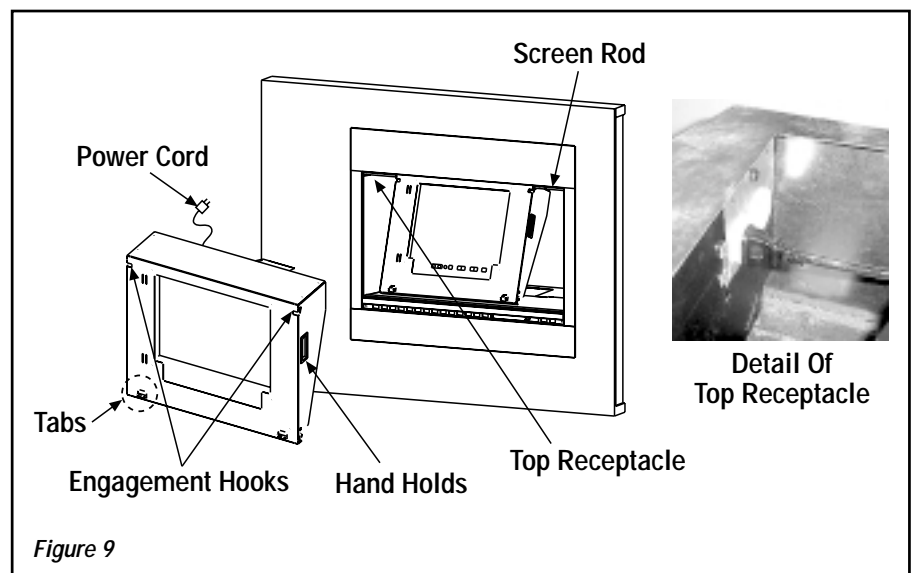
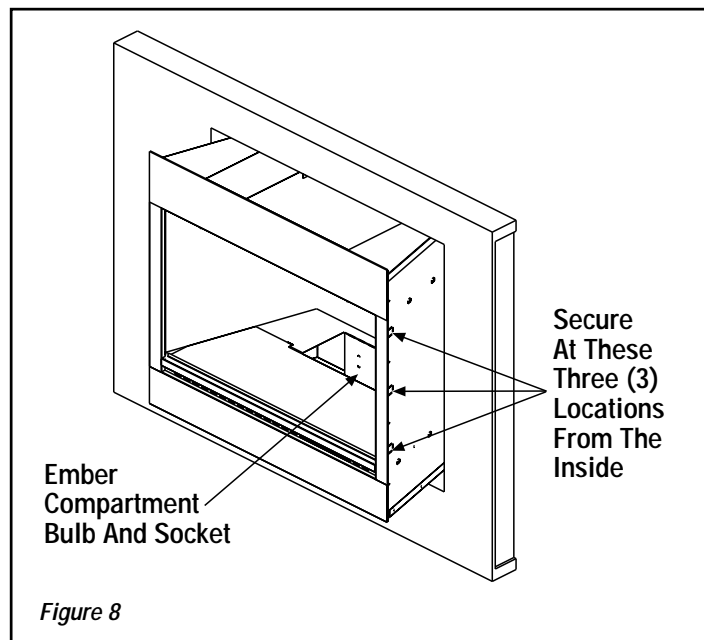
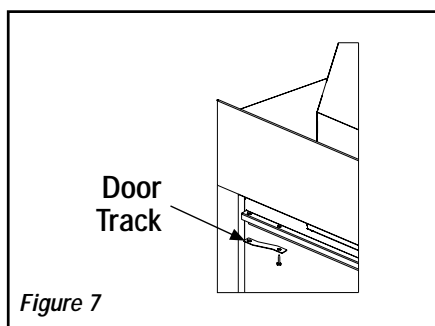
5. Hook the television assembly onto the screen rod pins and let the unit hang in position. Plug the television power cord into the top receptacle routing behind the television latch (see **Figure 9**).

6. The television assembly will rotate up into the unit and lock onto the latch rod. See **Figure 10**.

CAUTION: THE TELEVISION ASSEMBLY IS HEAVY. PLEASE CLEAR THE AREA IN FRONT OF THE FIREPLACE BEFORE ATTEMPTING TO SWING THE UNIT INTO POSITION. THE UNIT MUST SWING SLIGHTLY PAST HORIZONTAL TO LATCH. WE SUGGEST THAT TWO PEOPLE PERFORM THIS STEP.

7. Two locking screws have been provided to secure the television assembly after installation. Locate the two slots in the assembly immediately in front of the latching rod. Hand tighten the screws completely into the inserts on both sides.

8. Refer to **Figure 7** for the location of the door track and install at this time. Two door clips have been provided with these instructions.



NOTE: DIAGRAMS & ILLUSTRATIONS NOT TO SCALE.

UNIT ACTIVATION

At this time all connections should be made and tested to assure proper operation.

1. Locate the DVD disk for the DVD player in the envelope with these instructions. Remove the disk and set it aside. It will be installed shortly.
2. Locate the florescent bulb in the bottom of ember compartment and install it into the socket at that location (*refer to Figure 8*).
3. Locate the Television RCA cord, suspended from the fireplace top. Connect this cable to the jacks located at the front of the television. The red cable connector is for sound and connects to the audio jack at the front of the TV (*see Figure 11*). The other connector may be white or yellow. This connector is for the video and connects to the yellow jack in the front of the television.

Attach the IR transmitter to the television at the location shown in *Figure 11*. Placing this correctly is very important.

The unit is ready to power-up for the first time.

4. Locate the circuit breaker for the fireplace at the main electrical source and turn it on. Press the power button on the remote. The ember light will come on.
5. Press the DVD tray button on the DVD and wait momentarily. The DVD drawer will open. If the drawer does not open, power is not on.
6. Place the DVD disk into the tray and use the button to close the DVD drawer.

The DVD is configured to play automatically and the television is set to receive the DVD signal directly. If the operation is correct, and image of the flame should be on the Television and sound should be coming from the unit.

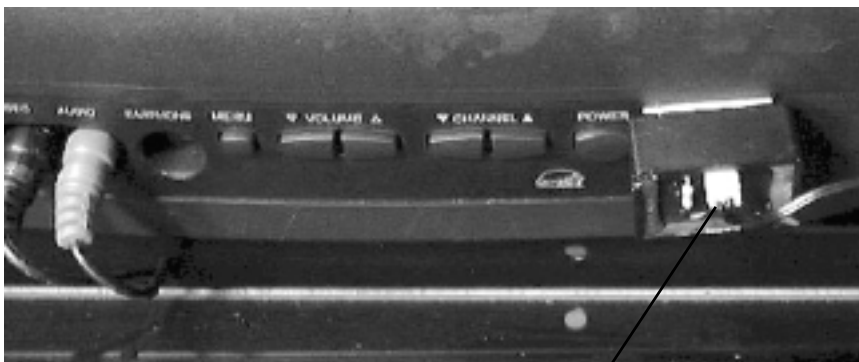


Figure 11

IR Transmitter Location

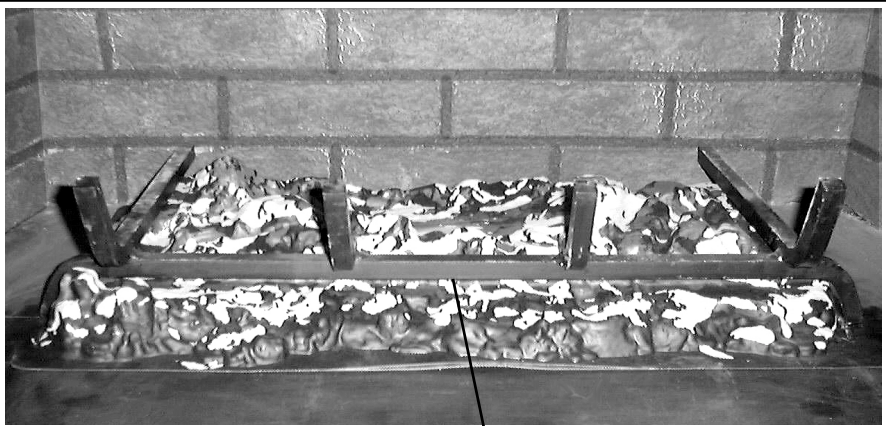


Figure 12

Center Grate On Ember Bed And Center Both Against The Back Of Firebox

COMPLETING THE ASSEMBLY

After all functions are tested the assembly can be completed.

Install the side refractory panels at this time. Be sure to select the side that align best with the back grout pattern.

1. Place the ember bed against the back wall of the fireplace, over the ember compartment.
2. Place the grate onto the ember bed as shown in *Figure 12*. Use the back brick pattern as a guide to center the grate.
3. Assemble the logs onto the grate as identified in *Installing The Logs* on page 9.
4. Pour elements of the loose embers over and around the ember bed to your liking. Turn on the unit to help judge the look of the ember placement. It is best to pour all of the material to cover the leading edge and spreading the embers from there.

5. Check the placement one last time before continuing.

Note: After glass placement, removing it for adjustment is awkward and should be avoided.

6. Open the glass package and clean both sides thoroughly. Cotton gloves have been supplied to allow you to hold the glass without smudging it. The underside of the glass is inaccessible after installation. Any smudges on the back side will be difficult to clean.
7. After the glass is clean, lift the glass with the gloved hand and hold it in front of you like a serving platter, with the narrow side away from you. Insert the narrow end into the fireplace and press the glass onto the two black rubber tabs in the back of the firebox (*see Figure 13*).
8. Lower the front edge down to the front lip of the fireplace and hook the glass behind the lip in the base cover.

If you haven't done so already, turn on the unit. Step back and examine the flame placement in correlation with the logs.

Refer to the **Glass Frame Removal** on page 9 and adjust if necessary.

A grill cover was packaged with the door rail. This component inserts over the DVD player tray opening with the Lennox logo on the right. Two velcro dots have been provided in the hardware kit to secure the grille if necessary.

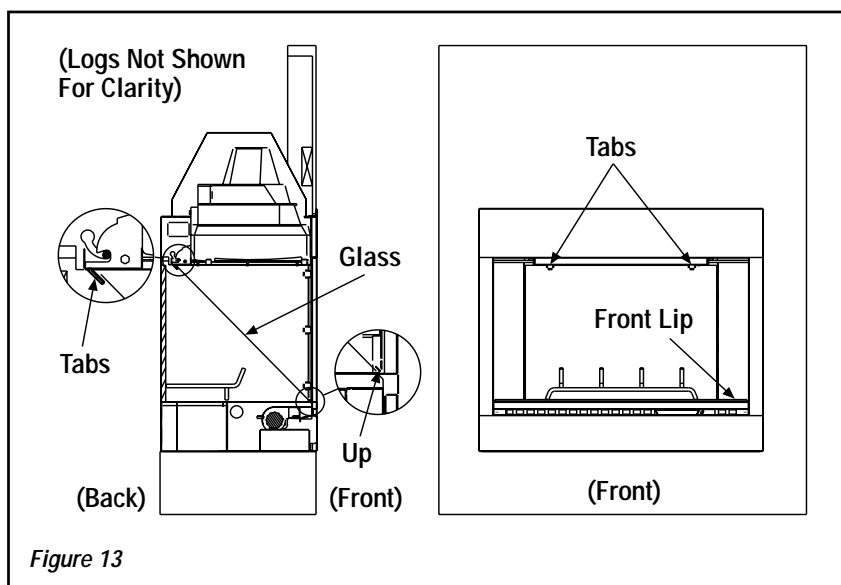


Figure 13

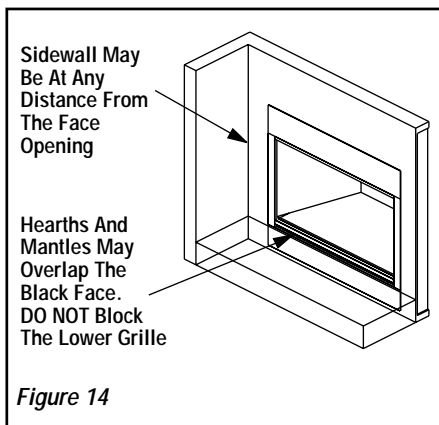
FINAL FINISHING

FINISH TO YOUR TASTE

There are a wide variety of "finished looks" for these fireplaces, from formal wall decor with elaborate mantels to rustic wood paneling or warm brick facings.

Materials like stone, tile, brick, etc., may overlap the black front facing. Do not extend these materials beyond the black facing and into the firebox area. **Do not cover outlet or face opening.** Be sure not to interfere with the installation and operation of glass doors or block the lower grilles. Use caulking material to seal the black metal facing to the surround material on the finished wall.

Combustible materials may overlap the face of the fireplace as long as they do not encroach into the firebox opening (see Figure 14).



HEARTH

A hearth is not mandatory, but it is recommended for aesthetic purposes. Hearth extension must not block the removable grille component (see Figure 15).

HEARTH EXTENSIONS

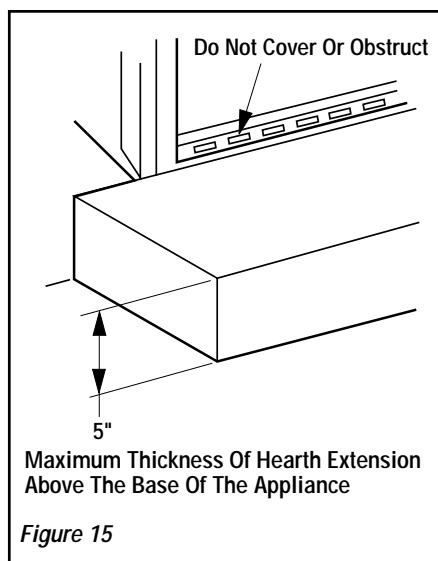


Figure 15

Secure the hearth extension to the floor to prevent possible shifting.

Cold climate installation recommendation: When installing this fireplace against a non-insulated exterior wall or chase, it is mandatory that the outer walls be insulated to conform to applicable insulation codes.

MANTELS

Combustible and Non-combustible mantels may be installed at any height above the appliance opening.

CLEARANCE TO COMBUSTIBLES

Sides:	0 mm - 0 inches
Floor:	0 mm - 0 inches
Top:	0 mm - 0 inches

CABINET INSTALLATIONS

Cabinets are available from your dealer which allow for fast, convenient installation of your fireplace against existing walls.

ELECTRICAL CONNECTIONS

A 15AMP, 120 Volt, 60Hz circuit, with a properly grounded outlet, is required. Preferably, the fireplace will be on a dedicated circuit, as other appliances on the same circuit may cause the circuit breaker to trip, or the fuse to blow, when the heater is in operation.

The unit comes standard with a 5 ft. (1524mm) long three wire cord, exiting the left side of the fireplace. Plan the installation to avoid the use of an extension cord. If an extension cord must be used, it must be a minimum 16AWG, three wire with grounding type plug, and connector and rated not less than 2025 Watts.

A new electrical outlet can be installed inside the frame construction, if permitted by local codes.

The EV-220 kit is available from your dealer that will allow this appliance to be connected to a 220V 15 Amp supply.

The kit contains a power cord connector and heater element for a standard 220V single phase connection.

Refer to the electrical diagram on page 11.

ELECTRICAL SPECIFICATIONS		
Voltage:	120VAC, 60Hz	240VAC, 60Hz
Total Amps:	12.5 Amps	12.5 Amps
Total Watts:	1500 Watts	3000 Watts
Heater Rating:	1300 Watts	2500 Watts

WARNING: ELECTRICAL OUTLET WIRING MUST COMPLY WITH LOCAL BUILDING CODES AND OTHER APPLICABLE REGULATIONS TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK AND INJURY TO INDIVIDUALS.

DO NOT USE THIS FIREPLACE IF ANY PART OF IT HAS BEEN UNDERWATER. IMMEDIATELY CALL A QUALIFIED SERVICE TECHNICIAN TO INSPECT THE FIREPLACE AND REPLACE ANY PART OF THE ELECTRICAL SYSTEM WHICH HAS BEEN UNDER WATER.

HARD (DIRECT) WIRE CONNECTION

If desired, a qualified electrician may remove the cord connection and wire this unit directly to the household wiring.

Any electrical re-wiring of this appliance must be done by a qualified electrician.

INSTALLING THE LOGS

1. Turn off power to the unit.

2. Place Log Assembly A on the grate first and center it against the back of the grate, engaging the notch at the bottom right hand side of the log assembly to the right grate bar. The correct placement of Log Assembly A is important to provide the proper visual effect. Placement of the other logs can be adjusted to suit individual taste. Our suggested placement is shown in *Figure 16*.

Note: Log D is provided with a notch on its bottom side to be engaged over the left grate bar. Log E should be placed in the cradled depression in the middle of the ember bed, charred end to the left.

SERVICE INSTRUCTIONS

This appliance has been designed to provide many years of trouble free service. The components that will need to be serviced have been kept to a minimum. Periodic dusting of the glass and display is all that should be required.

CAUTION: DISCONNECT POWER BEFORE ATTEMPTING ANY MAINTENANCE OR CLEANING TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK OR PERSONAL INJURY.

GLASS FRAME REMOVAL

To access the logs, grate embers and lights, the glass panel needs to be removed. An illustration of the glass panel installation is shown in *Figure 13*.

First sweep the screens inward and tie up and out of the way. The glass is not secured by any fasteners. The back rests on two insulated tabs and the front is hooked behind a lip.

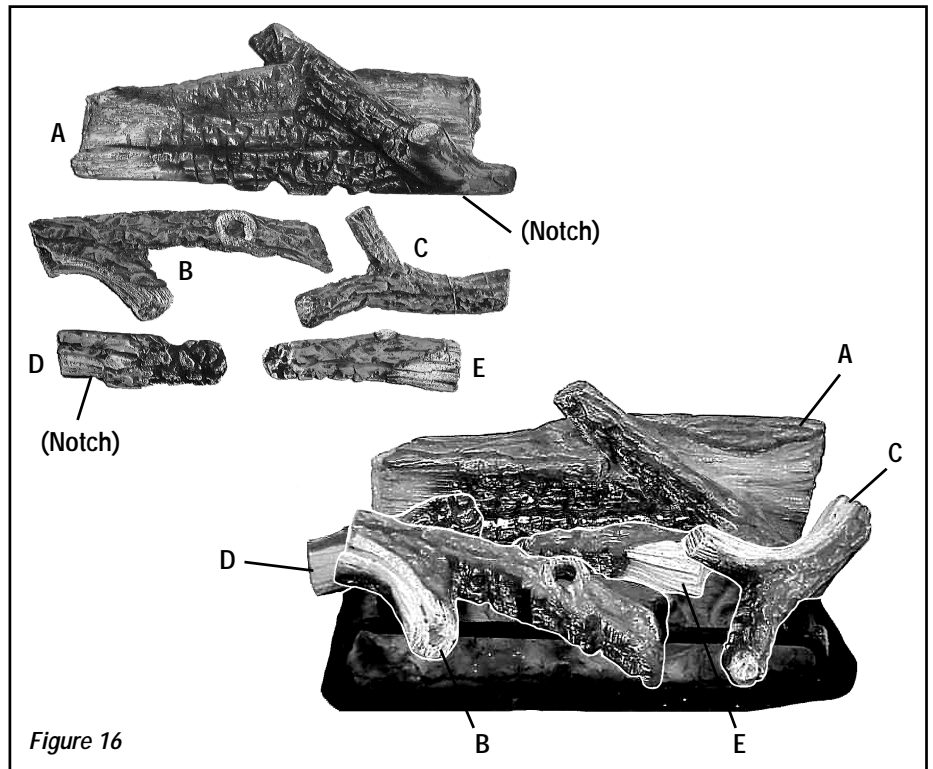


Figure 16

CAUTION: WHEN REMOVING THE GLASS, DO NOT LET THE BACK OF THE PANEL SLIP OFF OF THE INSULATED TABS IN THE BACK. THIS COULD ALLOW THE GLASS TO DROP INTO THE REFRACTORY PANELS OR LOGS AND BREAK THEM.

The lower front corners of the glass are exposed to provide a place to grip the glass panel. Grip the corners firmly; lift the panel back and up against the top of the unit.

Disengage the glass from behind the front lip and rotate the front upwards. Slide one hand under the glass and support the panel. Draw the glass out of the unit and set it carefully aside.

GLASS INFORMATION

1. This unit will not operate properly with missing or broken glass.
2. Do not strike or slam the glass.
3. Do not use abrasive cleaners to clean the glass.
4. This appliance uses tempered glass. Replacement of the glass as supplied by the manufacturer should be done by a qualified service technician.

MANUAL OPERATION

Switches have been placed on the unit to allow operation without the remote.

Switches are in the upper right hand corner of the face opening behind the screen (see *Figure 17*).

The pad labeled P nearest the center will turn the fireplace on and off. The pad to the right of that, labeled H, will turn the heater on and off.

Note: The heater will not operate without the unit ON.

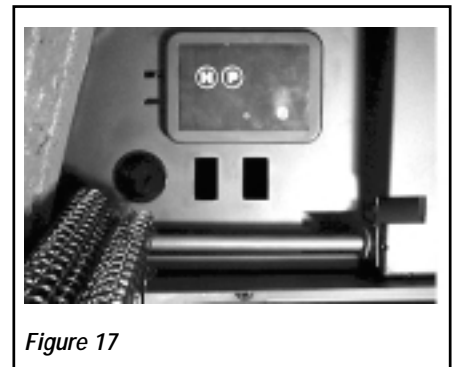


Figure 17

REMOTE CONTROL OPERATION

The Reflections Electric Fireplace is provided with an Infrared Remote Control. All functions of the fireplace are provided through the remote. The remote provided with the T.V. should not be used.

The functions identified on the remote (see *Figure 18*) are as follows:

A. All ON/All OFF

Press once; the embers light and the flame come on after a brief warm up period. Pressed again and all functions end immediately.

B. Embers ON/OFF

This button will turn the embers ON and OFF independent of the main button.


C. Menu


To activate the menu for adjusting color and brightness.

D. Heater ON/OFF


This button will turn the heater ON and OFF after the unit is activated.


E. Volume

Increase: 

Decrease: 

F. Setting Control

Increase: 

Decrease: 

G. Flame Speed

Alternates between fast and slow flame speed.


COLOR ADJUSTMENT





To adjust Color, Tint and Brightness, use the Menu (button C) along with E and F as follows. The menus displayed will be upside down and backwards. This is a step that should only be required once.

PICTURE ADJUSTMENT

The television will come with all adjustments at normal. If you wish to enhance the color, adjustments can be made.



Step 1. Press the MENU button so that the menu display appears on the TV screen.

Step 2. Press the VOL(ume)  button so that "PICTURE" is selected.

Step 3. Select the feature you wish to adjust with the MENU  or  button and adjust it with the VOL(ume)  or  button.

BRIGHT

Adjust until the whitest parts of the picture are as bright as you prefer.

 : Increase Brightness,  : Decrease Brightness



CONTRAST

Adjust to increase or decrease contrast.

 : Increase Contrast,  : Decrease Contrast



COLOR

Adjust to be a brilliant or pale color.

 : Be Brilliant Color,  : Be Pale Color

TINT

Adjust to obtain natural flame tones.

 : Greenish Tone,  : Reddish Tone

TROUBLESHOOTING

Due to the nature of all electronic devices, interference from other electrical sources could set the units out of phase. The television and DVD player could operate with one ON and the other OFF rather than both ON, both OFF. If this occurs, the television can be turned ON (or OFF) manually with the button (shown in *Figure 18*). This will put the units back in sync from that point forward.

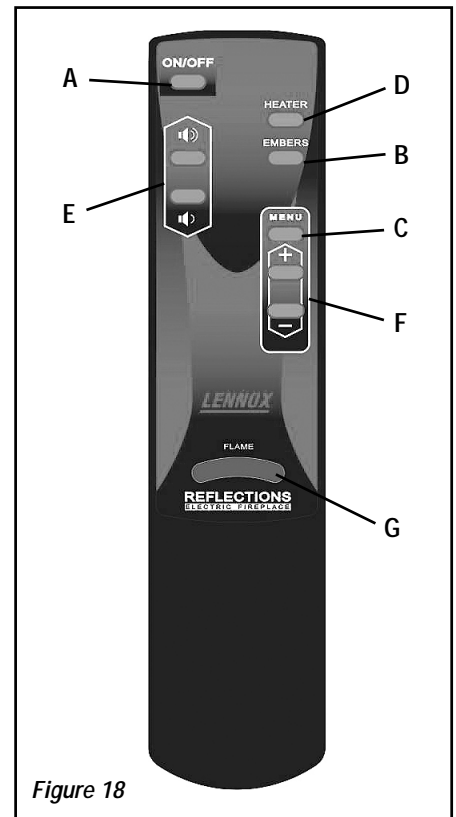


Figure 18

REPLACING LIGHT BULB

This fireplace uses a 120 Volt, compact fluorescent light bulb (900 Lumens). The light is located under the ember bed of the unit.

CAUTION: DO NOT EXCEED A 15 WATT BULB. USE OF A HIGHER RATED BULB MAY RESULT IN A FIRE, CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.

CAUTION: DO NOT REPLACE THE COMPACT FLUORESCENT LIGHT BULB WITH AN INCANDESCENT BULB.

1. Turn off power to the unit.
2. Let the fireplace cool, if it has been operating.
3. Remove the glass reflector panel. Remove logs and ember bed.
4. Examine the bulb to determine if it needs to be replaced.
5. While holding the socket, unscrew the defective bulb.
6. Install the new light bulb by screwing it in while holding the socket.
7. Reinstall the ember bed, log set and glass panel.

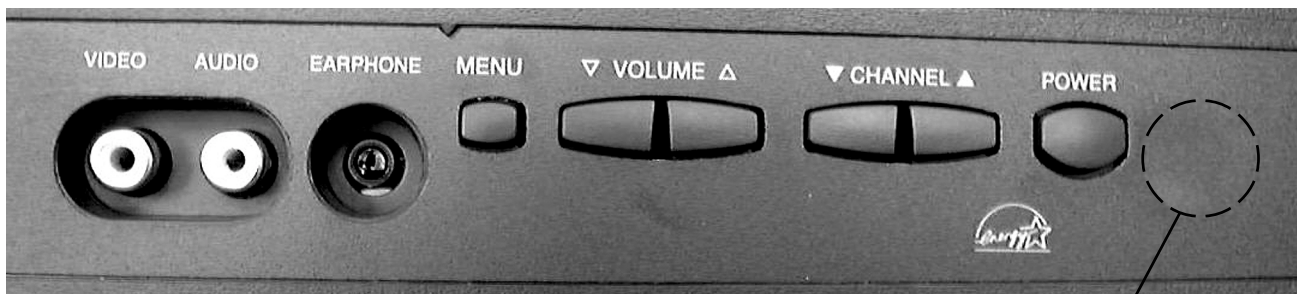


Figure 19

IR Transmitter Location

MAINTENANCE OF MOTORS

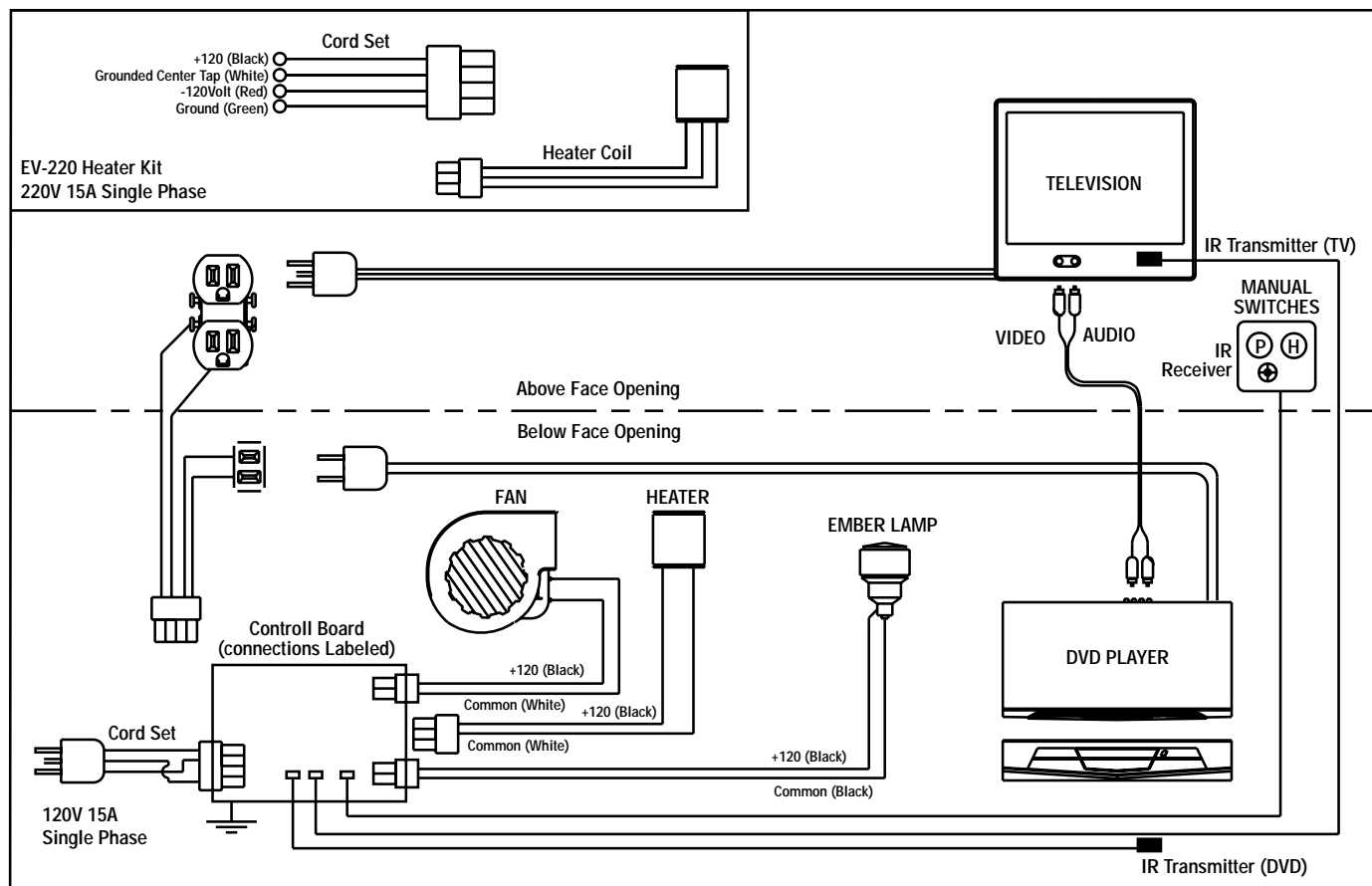
The motors used on the fan are pre-lubricated for extended bearing life and require no further lubrication. However, periodic cleaning/vacuuming of the fan/heater is recommended.

CAUTION: MAKE SURE THAT THE POWER IS TURNED OFF BEFORE PROCEEDING.

WIRING DIAGRAM

Wiring diagrams are provided here for reference purposes only.

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



NOTE: DIAGRAMS & ILLUSTRATIONS NOT TO SCALE.

TROUBLESHOOTING DIAGRAM

TROUBLESHOOTING:

Miscellaneous Errors: Before beginning any troubleshooting, check that the following items are setup correctly. The unit should be plugged in and have power. The remote has the batteries installed properly. The ember bulb is installed. If these steps are correct, the embers will turn on and off with the hand held remote.

Symptom:	Problem/Test:	Repair:
• No Power to Television.	• Plug any 110V lamp or night light into the fireplace receptacle and test.	• If the receptacle is good, check for out of Sync. If the receptacle is bad, call for Service.
• Embers or Image turn off unexpectedly.	• Programming error.	• Call For Service.
• Television blue screen.	• DVD disk missing.	• Insert disk or Replace DVD disk.
• Dancing Dolphins on TV.	• DVD paused.	• Cycle Off and On. Call for Service if it occurs frequent.
• DVD pauses or skips.	• DVD Disk error or heater motor vibration.	• Clean DVD and Disk. Replace Disk. Check blower for vibration (Call for Service).
• TV displays the word GAME.	• No Video Input.	• Connect or Switch the video inputs to the TV. Try Out of Sync process.
• Flame image is green or purple and cannot be corrected.	• Magnetic Field Interference.	• Call Service for Degaussing.
• Heater shuts off by itself or won't come on.	• Heater obstructions or failure.	• Call Service for inspection.

TROUBLESHOOTING:

• Problem: Out Of Sync.

• Symptom: Television is on with no image. Ember bed is on with television off.

• Test the heater button on the remote. Does the heater come on?

YES

• Turn the heater off (not the power).
• Remove the lower trim cover.
• Open and close DVD tray.
• Locate the TV power button. Turn the TV on.
• Turn the Embers ON (if OFF).
• Cycle the Remote OFF and ON.

NO

• Press the On/Off button once.
• Test the heater again.

• Understanding the problem:

• The remote sends a unique coded signal to the fireplace. The fireplace receives the signal and retransmits a different code to each element of the fireplace in a particular order. Television and DVD players use the same signal for ON as OFF. If one or the other is off, the fireplace cannot distinguish. Keep a couple of rules in mind. The heater will not turn on when the fireplace is off, the TV is easiest to turn off and on manually and opening and closing the DVD tray turns it on.

TROUBLESHOOTING:

• Problem: Television IR Placement.

• Symptom: The unit turns on - Television Volume and Menu adjustment troubles.

• Locate the IR Receiver on the fireplace (Figure 17) and cup a hand around the module. Place the remote in your hand and toggle the remote MENU button. Does the Menu display ON and OFF properly?

YES

• Check the photo for placement of the IR Television transmitter (Figures 11 & 19).
• Remove and relocate the IR transmitter.
• Test the MENU button again.

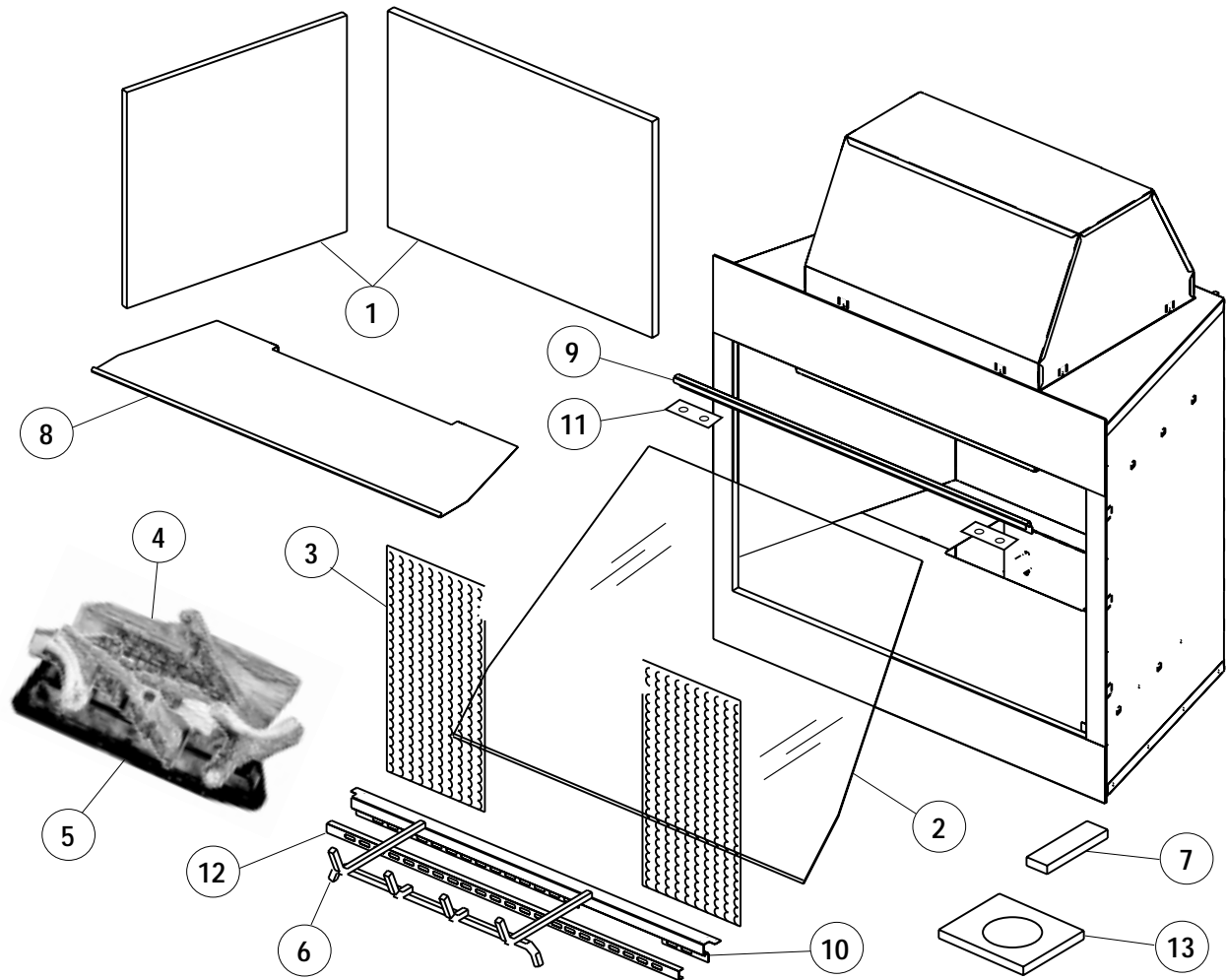
NO

• Cover and completely mask the TV IR transmitter module (refer to Figure 11).
• Test the remote again.

• Understanding the problem:

• The remote sends a unique coded signal to the fireplace. The fireplace receives the signal and retransmits a different code to the television. If the signal sent to the television "leaks" to the fireplace receiver - the fireplace gets confused. Proper placement of the television IR transmitter is critical.

REPLACEMENT PARTS



No.	DESCRIPTION	LSE-36R	
		Part No.	Qty.
	Electric Fireplace Assembly	—	—
1.	Refractory, (3 Piece Set)	42M46	1
2.	Glass	42M50	1
3.	Screen, (with Pulls)	66M45	2
4.	Log Set (Boxed)	H1091	1
5.	Ember Bed	42M40	1
6.	Grate	LB-102458	1
7.	Remote Control	H1455	1
8.	Floor	LB-102434	1
9.	Track, Door	499482	1
10.	Door Support	LB-102450	1
11.	Door Clips	LB-98109	2
12.	Grille	LB-102408	1
13.	DVD Disk	42M35	1

Note: Lennox does not supply replacement bulbs. Use only 15 watt compact florescent bulbs. We recommend a bulb with 900 lumens.

ACCESSORY PARTS AND COMPONENTS
FOR THE LSE-36R

The accessory parts and components shown on this page are to be used only with your LSE-36R electric fireplace. Separate installation instructions are packaged with all accessories.

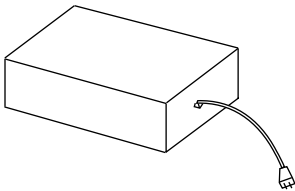
If you encounter any problems or have questions concerning the installation or application of this system, please contact your distributor. For the name of your nearest distributor call:

LENOX HEARTH PRODUCTS
1110 West Taft Avenue
Orange, CA 92865

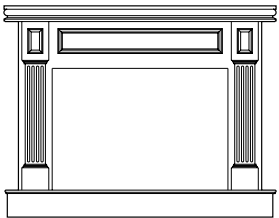
Model	Catalog Number	Weight
LSE-36R	H0807	177 lbs.

ACCESSORY COMPONENTS

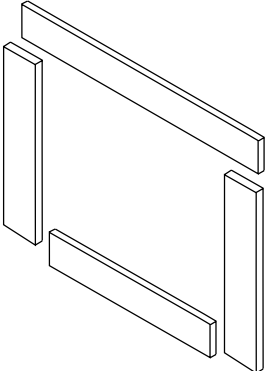
The following items are available for use with this appliance.



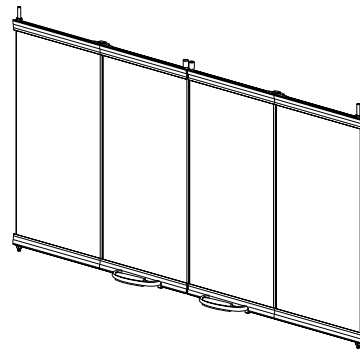
Upgrade 220V Heater Kit H0808 EV-220



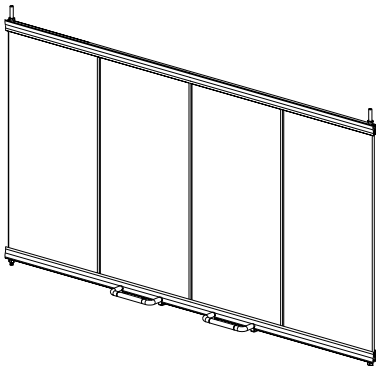
Cabinet Surround Kit, Wall
- Paint Grade H1282 CSKW-PG
- Unfinished Oak H1283 CSKW-UO
- Finished Oak H1284 CSKW-FO



Cabinet Surround Trim Kit
- Botticino Beige H1285 CSTK-BB
- Jade Green H1286 CSTK-JG
- Misty Black H1287 CSTK-MB



Bi-Fold Doors 86L26 36 ABF
 86L27 36 ABF-BB
 86L28 36 ABF-BS



Glass Enclosure Panels 27M30 36GEP
 27M31 36GEP-BS

To ensure warranty and to prevent a potential fire hazard, do not use any other doors on these appliances.

The manufacturer reserves the right to make changes at any time, without notice, in design, materials, specifications, prices and also to discontinue colors, styles and products. Consult your local distributor for fireplace code information.

Printed in U.S.A. © 2003 by Lennox Hearth Products
P/N 850,019M REV. B 04/2007



HEARTH PRODUCTS

1110 West Taft Avenue
Orange, CA 92865