

## **VENT-FREE GAS LOGS INSTALLATION INSTRUCTIONS**

### **MODELS**

**FVFLC24-1 & FVFLC24-2**

**FVFLC30-1 & FVFLC30-2**

**For Use With FDLR24/30-1 Chassis**



**FVFLC30-2 Shown with Lava Rock and Ember Bed  
Log Kit - Model FELK Accessories.**



**Questions, problems, missing parts? Before returning to your retailer, call  
our customer service department at 1-855-607-6557, 8:00 am - 4:30 pm EST,  
Monday through Friday or email [info@factorybuysdirect.com](mailto:info@factorybuysdirect.com)**

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### **SAVE THIS BOOK**

**INSTALLER:** Leave this manual with the appliance.  
**CONSUMER:** Retain this manual for future reference.

**This log set has been tested and approved to ANSI Z21.11.2 standard for Unvented Heaters and also complies with ANSI Z21.60 Decorative Vented Appliances for Solid Fuel Burning Fireplaces. State and local codes in some areas prohibit the use of vent-free heaters. Check your state or local codes.**

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## INSTALLATION GUIDELINES

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### **Proper Log Placement**

Log placement is critical to proper burner performance. Logs must be correctly positioned onto the burner. The illustrations in this manual show the proper pinned position for logs on this set. Owners need to be shown proper log placement and instructed not to move the logs.

Logs must fit firmly onto the burner when positioned as shown in the illustrations. Malformed logs or logs with sloppy pin holes must be replaced.

### **Proper Primary Airflow into the Burner**

For proper burner operation and flame appearance, the flow of primary air into the venturi tube, located on the rear of the burner, must not be reduced. This flow of air is reduced if dirt, lint or other obstructions build-up around or inside the venturi. Any obstruction in the venturi tube area must be removed. The flow of air into the venturi is also reduced if the gas orifice isn't centered in the venturi inlet and/or is not aligned with the venturi. Any misalignment of the burner orifice may be corrected by bending the shutter cap holding the orifice to the inlet or the venturi tube.

### **Ceiling Fans, Portable Fans or Logs Installed Near Cold Air Returns**

Ceiling fans or oscillating floor type fans need to be monitored during the operation of vent-free logs. If the air blows directly into the flame causing it to impinge on the log set, or firebox, it should be turned off or redirected. Ceiling fans could be reversed to possibly eliminate flame impingement, and the floor fan could be redirected. Upon installation, be aware of any cold air returns or vents in the proximity of the log set. Any draft created around a vent-free log set can cause the flame to impinge on the log and create a sooting situation.

### **Candles**

Avoid the use of scented or decorative candles while the log set is in operation. Candles produce a residue in the air that creates a soot like substance. Burning candles while the log set is operating magnifies the problem. It should be noted that candles, in general, produce soot. The amount of time burned and the quantity of candles burned will determine the amount of soot produced and deposited.

### **Proper Log Set Operation**

Properly installed and properly maintained log sets do not deposit soot on the logs. If users see soot appear on a log, call for service. Do not continue to operate the log set.

### **Sunken Fireplace**

If installing this unit into a sunken fireplace, you must raise the floor to insure adequate airflow and guard against sooting. Raise fireplace floor using a noncombustible material, which is secure.

### **Glass Doors**

Make sure that glass doors are open during all operations of the log set. The opening of the glass door frame should be the dimension used for the minimum front opening of the firebox.

### **Wood Burning Fireplaces**

The interior of the firebox and the chimney should be cleaned and free of all creosote before installing a gas burning log set. Creosote will soften when heated and can drop on the log set causing odors and possibly sooting.

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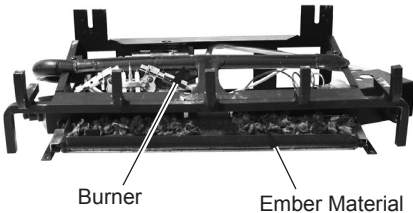
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## PLACING EMBER MATERIAL

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Separate the ember material into light pieces smaller than the size of a dime. Place the pieces around the round gas ports starting in the front of the burner and working your way toward the back of the burner. Do not place ember material on the burner ports or the carry over ports leading to the left and right rear burner slots.



**⚠ WARNING:** Use only ember material provided with log set. Do not add additional ember material.

Place ember material on front burner port only. **DO NOT PLACE EMBER MATERIAL ON PORTING BEYOND THE GRATE, OVER THE MIDDLE OR BACK BURNERS.**

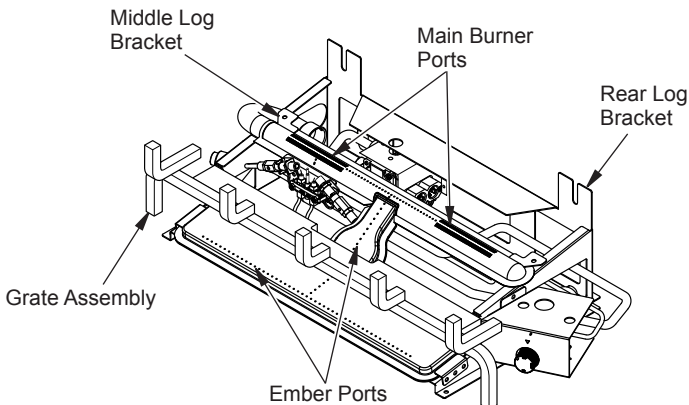
## INSTALLING LOGS

**⚠ WARNING:** Failure to position the parts in accordance with these diagrams or failure to use only parts specifically approved with this heater may result in property damage or personal injury.

**⚠ CAUTION:** After installation and periodically thereafter, check to ensure that no yellow flame comes in contact with any log. With the heater set to High, check to see if yellow flames contact any log. If so, reposition logs according to the log installation instructions in this manual. Yellow flames contacting logs will create soot.

It is very important to install the logs exactly as instructed. Do not modify logs. Use only logs supplied with heater.

Each log is marked with a number. This number will help you to identify the logs when installing. After installing logs, add decorative cinders on the ember ports, do not place any decorative cinders on the main burner ports or on the logs (see illustration below).

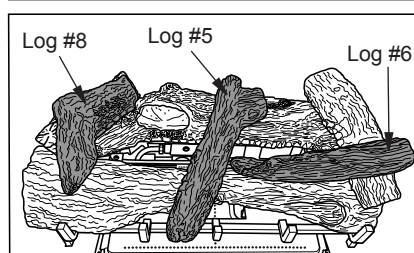
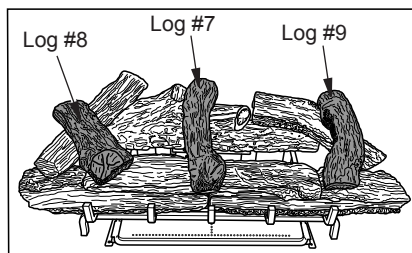
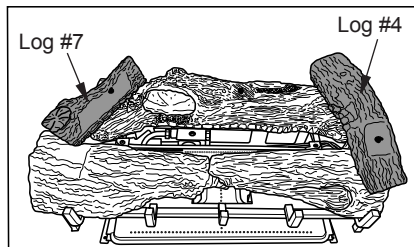
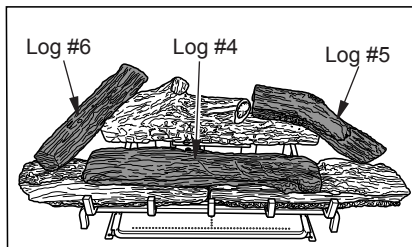
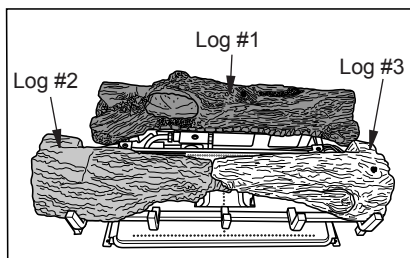
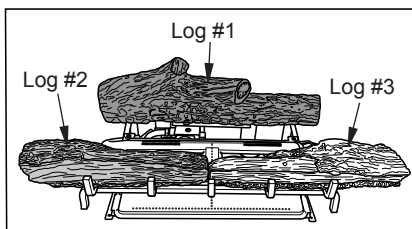


## INSTALLING LOGS

Some logs have pins and holes to help secure them in place. If applicable, place pin in the hole of the log it is being placed on. See instructions and illustrations below for proper placement.

### MODEL FVFLC24-1

1. Insert log #1 into slots in rear log bracket.
2. Place log #2 onto left side of grate assembly.
3. Place log #3 onto right side of grate assembly.
4. Place log #4 onto logs #2 and #3.
5. Place log #5 onto logs #1 and #3.
6. Place log #6 onto logs #1 and #2.
7. Place log #7 onto logs #1 and #4.
8. Place log #8 onto logs #6 and #4.
9. Place log #9 onto logs #5 and #3.



### MODEL FVFLC24-2

1. Insert log #1 into slots in rear log bracket.
2. Place log #2 onto left side of grate assembly.
3. Place log #3 onto right side of grate assembly.
4. Place log #4 onto logs #1 and #3.
5. Place log #7 onto logs #1 and #2.
6. Place log #5 onto logs #1, #2 and #3.
7. Place log #6 onto logs #4 and #3.
8. Place log #8 onto logs #7 and #2.

## INSTALLING LOGS

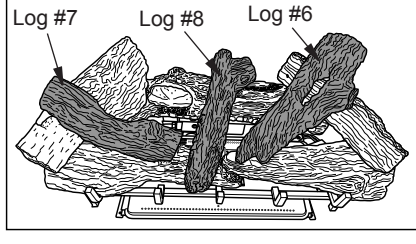
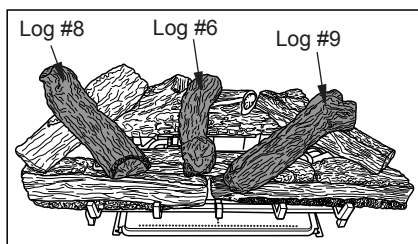
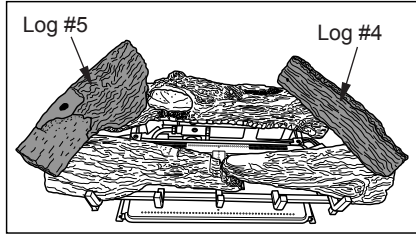
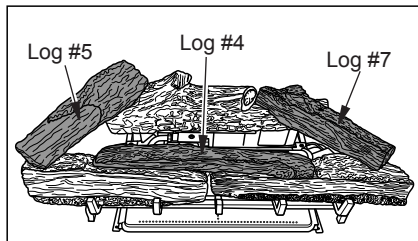
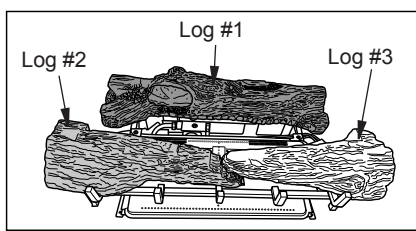
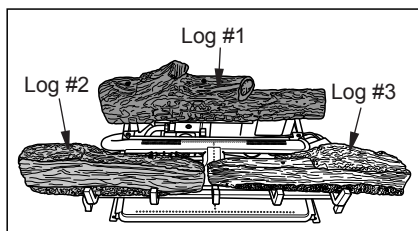
Some logs have pins and holes to help secure them in place. If applicable, place pin in the hole of the log it is being placed on. See instructions and illustrations below for proper placement.

### MODEL FVFLC30-1

1. Insert log #1 into slots in rear log bracket.
2. Place log #2 onto left side of grate assembly.
3. Place log #3 onto right side of grate assembly.
4. Place log #4 onto logs #2 and #3.
5. Place log #5 onto logs #1 and #2.
6. Place log #7 onto logs #1 and #3.
7. Place log #6 onto logs #1 and #4.
8. Place log #8 onto logs #5 and #4.
9. Place log #9 onto logs #7 and #4.

### MODEL FVFLC30-2

1. Insert log #1 into slots in rear log bracket.
2. Place log #2 onto left side of grate assembly.
3. Place log #3 onto right side of grate assembly.
4. Place log #4 onto logs #1 and #3.
5. Place log #5 onto logs #1 and #2.
6. Place log #6 onto logs #4 and #3.
7. Place log #7 onto logs #5 and #2.
8. Place log #8 onto logs #1 and #2.



## PARTS

This list contains replaceable parts used in your heater. When ordering parts, contact authorized dealers of this product or call customer service at 1-855-607-6557. When calling have you model and serial numbers available.

| ITEM | FVFLC24-1   | FVFLC24-2   | DESCRIPTION | QTY |
|------|-------------|-------------|-------------|-----|
| 1    | FVFLC24-1-1 | FVFLC24-2-1 | Log 1       | 1   |
| 2    | FVFLC24-1-2 | FVFLC24-2-2 | Log 2       | 1   |
| 3    | FVFLC24-1-3 | FVFLC24-2-3 | Log 3       | 1   |
| 4    | FVFLC24-1-4 | FVFLC24-2-4 | Log 4       | 1   |
| 5    | FVFLC24-1-5 | FVFLC24-2-5 | Log 5       | 1   |
| 6    | FVFLC24-1-6 | FVFLC24-2-6 | Log 6       | 1   |
| 7    | FVFLC24-1-7 | FVFLC24-2-7 | Log 7       | 1   |
| 8    | FVFLC24-1-8 | FVFLC24-2-8 | Log 8       | 1   |
| 9    | FVFLC24-1-9 | ---         | Log 9       | 1   |

| ITEM | FVFLC30-1   | FVFLC30-2   | DESCRIPTION | QTY |
|------|-------------|-------------|-------------|-----|
| 1    | FVFLC30-1-1 | FVFLC30-2-1 | Log 1       | 1   |
| 2    | FVFLC30-1-2 | FVFLC30-2-2 | Log 2       | 1   |
| 3    | FVFLC30-1-3 | FVFLC30-2-3 | Log 3       | 1   |
| 4    | FVFLC30-1-4 | FVFLC30-2-4 | Log 4       | 1   |
| 5    | FVFLC30-1-5 | FVFLC30-2-5 | Log 5       | 1   |
| 6    | FVFLC30-1-6 | FVFLC30-2-6 | Log 6       | 1   |
| 7    | FVFLC30-1-7 | FVFLC30-2-7 | Log 7       | 1   |
| 8    | FVFLC30-1-8 | FVFLC30-2-8 | Log 8       | 1   |
| 9    | FVFLC30-1-9 | ---         | Log 9       | 1   |

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## WARRANTY

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### KEEP THIS WARRANTY

Model \_\_\_\_\_

Serial No. \_\_\_\_\_

Date Purchased \_\_\_\_\_

Keep receipt for warranty verification.

**REGISTER YOUR PRODUCT AT [WWW.FACTORYBUYSDIRECT.COM](http://WWW.FACTORYBUYSDIRECT.COM)**

### FACTORY BUYS DIRECT LIMITED WARRANTIES

#### New Products

**Standard Warranty:** Factory Buys Direct warrants this new product and any parts thereof to be free from defects in material and workmanship for a period of one (1) year from the date of first purchase from an authorized dealer provided the product has been installed, maintained and operated in accordance with Factory Buys Direct's warnings and instructions.

For products purchased for commercial, industrial or rental usage, this warranty is limited to 90 days from the date of first purchase.

#### Factory Reconditioned Products

**Limited Warranty:** Factory Buys Direct warrants factory reconditioned products and any parts thereof to be free from defects in material and workmanship for a period 30 days from the date of first purchase from an authorized dealer provided the product has been installed, maintained and operated in accordance with Factory Buys Direct's warnings and instructions. No return will be authorized. Parts will be provided to repair the product.

#### Terms Common to All Warranties

The following terms apply to all of the above warranties:

Always specify model number and serial number when contacting the manufacturer. To make a claim under this warranty, the bill of sale or other proof of purchase must be presented.

This warranty is extended only to the original retail purchaser when purchased from an authorized dealer, and only when installed by a qualified installer in accordance with all local codes and instructions furnished with this product.

This warranty covers the cost of part(s) required to restore this product to proper operating condition and an allowance for labor when provided by a Factory Buys Direct Authorized Service Center or a provider approved by Factory Buys Direct. Warranty parts must be obtained through authorized dealers of this product and/or Factory Buys Direct who will provide original factory replacement parts. Failure to use original factory replacement parts will void this warranty.

Traveling, handling, transportation, diagnostic, material, labor and incidental costs associated with warranty repairs, unless expressly covered by this warranty, are not reimbursable under this warranty and are the responsibility of the owner.

Excluded from this warranty are products or parts that fail or become damaged due to misuse, accidents, improper installation, lack of proper maintenance, tampering or alteration(s).

This is Factory Buys Direct's exclusive warranty, and to the full extent allowed by law; this express warranty excludes any and all other warranties, express or implied, written or verbal and limits the duration of any and all implied warranties, including warranties of merchantability and fitness for a particular purpose to one (1) year on new products and 30 days on factory reconditioned products from the date of first purchase.

Factory Buys Direct makes no other warranties regarding this product.

Factory Buys Direct's liability is limited to the purchase price of the product and Factory Buys Direct shall not be liable for any other damages whatsoever under any circumstances including direct, indirect, incidental, or consequential damages.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion 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.



**FACTORY  
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