



Empire Products, Inc. Montclair, CA

## MODEL SEF36 ELECTRIC FIREPLACE

### INSTALLATION INSTRUCTIONS AND OWNER'S MANUAL

#### **SAFETY INFORMATION**

**When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, property damage, electric shock, and personal injury.**

- **Read all instructions before using this unit.**
- **This heater may be 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 from the front of the heater and keep them away from the sides and the rear.**
- **Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.**
- **If a new circuit or outlet is required for this log set, wiring should be done by a qualified electrician.**
- **Always unplug the heater when not in use.**
- **Follow all local codes, including the use of ground fault protection, where required.**
- **Use properly fused outlets.**
- **Do not modify this heater or use it in any manner not recommended by the manufacturer. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.**
- **Do not use this heater outdoors, in bathrooms, laundry rooms, or damp basements, or in any other area where moisture may be present. Never locate the heater where it may fall into a bathtub.**
- **Do not operate this heater if the power cord is frayed or damaged, if the plug is damaged, or if the heater itself has been dropped or damaged or has malfunctioned. Contact your local dealer or Empire.**
- **Do not run the power cord under carpeting, throw rugs, or runners. Position the cord away from traffic areas so it cannot trip anyone.**
- **To disconnect the heater, turn controls to off, then remove the plug from the outlet.**
- **Avoid the use of an extension cord because the it may overheat and cause a risk of fire. If an extension cord must be used, it shall be No. 14 AWG minimum size and rated not less than 1875 watts.**
- **Keep foreign objects and fingers away from the blower inlet and outlet as this may cause an**

- **Do not burn wood or other material in this fireplace.**
- **Unplug the power cord before performing any cleaning or maintenance to the heater or before moving it.**

The SEF package contains one fireplace assembly; two light bulbs; one flame package containing one flame assembly and three film strips for flames; one log package containing one front log, one rear log and three top logs; and this manual.

**NOTE: A 15 Amp, 120 Volt circuit is required. A dedicated circuit is preferred but not essential in all cases. A dedicated circuit will be required if, after installation, the circuit breaker trips or fuse blows on a regular basis when the heater is operating. Additional appliances on the same circuit may exceed the current rating of the circuit breaker.**

## CLEARANCES AND PREPARATION

This fireplace has the following dimensions: Maximum Width- 36" Maximum Depth - 13 1/16" Height - 26 7/8". (See Figure 1) There are no combustion or heat restrictions on this fireplace. It can be installed in any space into which it will fit, provided the area meets the requirements listed under IMPORTANT INSTRUCTIONS above. This fireplace does NOT require venting. The fireplace should rest on a flat, solid surface.

This fireplace comes completely wired. It requires only to be plugged into a 15 Amp, 120 Volt circuit. It is best if the outlet is located so it can be reached with the 8 ft. power cord. However, an extension cord may be used, provided it is rated at not less than 1875 watts.

There are two options for installing the SEF:

1. Set the unit against the wall. Space requirements are simply the dimensions of the fireplace (36" x 13 1/16" x 26 7/8").
2. Frame the unit in. Combustible materials can be brought right up to the fireplace. However, for ease of installation it might be best to leave 1/8" clearance around the fireplace (framing dimensions of 36 1/8"W x 27"H x 13 3/16"D).

## INSTALLATION

1. Remove the fireplace from its shipping carton. Remove the log package, light bulbs, flame strip package, and all packaging materials from the cabinet of the fireplace.
2. Uncoil the power cord, but do NOT plug in the cord at this time. Set the fireplace in its final position. Establish the path to the outlet for the power cord. The cord should run as close to the wall as possible and be out of the way of traffic. **WARNING:** To reduce the risk of fire, property damage, electric shock, and personal injury, the cord must not be pinched or pressed against a sharp edge. Do not rout the cord under carpeting or throw rugs.

3. Install the light bulbs into the light sockets. Hold the sockets while installing the bulbs to prevent twisting.

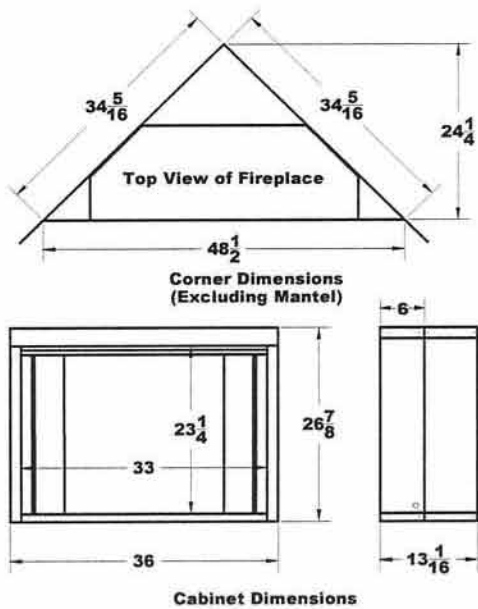


Figure 1

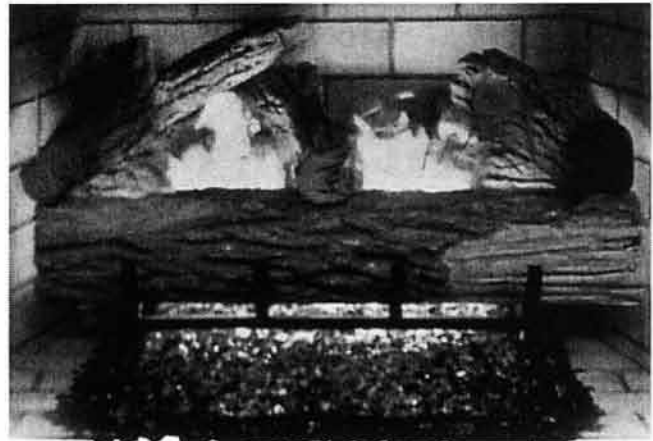


Figure 2

4. Remove the logs from their packaging. Install the front and rear logs (see Fig. 2). The front log sets over the light sockets and rests on the grate - the cut out of the front log covers the light bulbs. The rear log should be centered left to right and pushed back until it contacts the lip on the back edge of the log set - the charred hollow area of the rear log faces forward.
5. Carefully open the flame package and remove the flame strip. Inspect the flame strip to see that the flames are centered left to right on the flame bar, with their bottom edges aligned with the bottom edge of the flame bar. The magnetic strip should be centered left to right on the flame bar and should hold the flames securely in place. If the magnetic strip or flames have shifted during shipping, restore them to the proper placement. The flame strip comes pre-assembled using two films. One is a yellow transparent film that is painted with a very thin layer of orange paint. The second one is a transparent pink film. There is an extra film of each in the package for use later on if the films get damaged. In addition there is an unpainted transparent yellow film in the package. Please experiment with the different films and arrange them in different order and choose the combination that pleases you the most. Or use the combination provided by us.
6. Position the flame strip over the blower outlet, with the magnetic strip facing forward. The flame bar fits in the slots at either end of the blower opening, and is centered between the two screw heads (see Fig. 3). Be careful not to crease the flames or trap them beneath the flame bar.
7. Place the top logs in the positions shown (see Fig. 2). Take care not to trap flames under logs.
8. Spread pieces of the tumbled glass that are included, over the screen that is located in front of and under the grate as shown in Fig. 3 (Ember Area). Spread the glass so that it covers the screen completely and evenly. You can also spread the glass or use lava rock around the ember bed.
9. Plug in the fireplace and turn it on (see OPERATION below). **CAUTION: TO PREVENT ELECTRIC SHOCK MATCH WIDE BLADE OF PLUG TO WIDE SLOT. FULLY INSERT.** The ember bed should light up and the flames should stand up and flutter. If there are problems, see TROUBLESHOOTING below. At this point, you can complete whatever drywall or mantle installation work you need to do

to finish the installation.

## OPERATION

The ON/OFF switch is located above the screen valance on the right side of the fireplace. This switch activates both the flames and the lighted ember bed. Next to it is the red heater ON/OFF switch. It activates both the blower and heating element of the heater. This switch lights when it is in the ON position. Note: the heater and the log set can be operated independently.

## MAINTENANCE

**WARNING: To reduce the risk of fire, property damage, electric shock, and personal injury, unplug the log set before performing any maintenance or cleaning.**

Changing light bulbs:

1. Unplug the log set.
2. Remove all top logs and the front log.
3. Unscrew the light bulb, holding the socket to prevent bending.
4. Replace the old bulb with a T 6 ½ intermediate base frosted 25 watt light bulb.
5. Replace the logs.
6. Plug in the log set.

NOTE: If the log set has been run, allow the light bulbs to cool at least 5 minutes before touching them.

Changing the flame strip:

1. Remove the old flame strip.
2. Open the new flame package and check the position of the flames and magnetic strip (see INSTALLATION, step 6).
3. Install the new flame strip (see INSTALLATION, step 7).

Cleaning:

1. Keep the blower inlet and outlet free from dust and debris.
2. The logs and the ember bed can be dusted or washed gently with a mild cleaning solution, but allow them to dry thoroughly before operating the log set.
3. The flames may be dusted very lightly, but take care not to damage the flames.
4. Clean glass and wood as you would for any other piece of furniture.

## REPLACEMENT PARTS

Following is a list of components that are available as replacement parts. All can be installed by the consumer. Contact your local dealer or Empire for replacement parts. Note that the light bulbs are commonly available at a variety of retail outlets - purchase a Feit 25T61/2/IF or equivalent (T 6 1/2 intermediate base frosted bulb - **WARNING: Do not exceed 25 watts per bulb**).

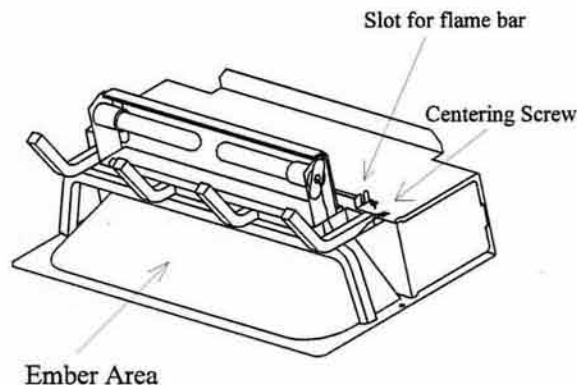


Figure 3

<u>P/N</u>	<u>Component</u>	<u>P/N</u>	<u>Component</u>
10904	Flame Replacement Package	110392	Top Log - Center
10903	Flame Package (includes mag strip)	300366	5 log set
110389	Front Log	110368	25 watt light bulb
110390	Rear Log	110366	Lower Orange Lens
110391	Top Log - Left	110367	Upper Orange Lens
110393	Top Log - Right	10146	Bag of Lava Rock
		300370	Bag of tumbled glass

## TROUBLESHOOTING

**NOTE: NO PARTS OF THE HEATER OF THIS FIREPLACE ARE SERVICEABLE BY THE USER. DO NOT REMOVE THE COVER OF THE HEATER. FOR REPAIR OR REPLACEMENT, CALL YOUR LOCAL DEALER OR EMPIRE.**

The fireplace is turned on, but the blower and the ember bed are not running:

1. Check to see that the fireplace is plugged in and switched on.
2. Check the circuit breakers or fuses to see that the electric outlet is active.
3. Call your local dealer or Empire.

The blower runs, but the ember bed is not lit or is only half lit:

1. Check to see that the light bulbs are properly installed and have not burned out or become loose.
2. Call your local dealer or Empire.

The ember bed lights, but none of the flames stand up:

1. Check to see that the flame strip is installed properly.
2. Check to see that the flames are not trapped under a log.
3. Check to see that the flames are not damaged.
4. Check to see that no foreign object is blocking the blower and that the blower is clean.
5. Call your local dealer or Empire.

Most of the flames stand up, but one does not:

1. Cycle the fireplace off and on a couple of times to loosen the flame.
2. Check to see that the flame strip is installed properly.
3. Check to see that the logs are properly positioned.
4. Check to see that no foreign object is blocking the blower and that the blower is clean.
5. Check to see that the flames are not damaged.

When the fireplace is turned off, one of the flames falls over the front log and remains visible:

1. Turn the fireplace on briefly and turn it off again.

The blower makes excessive noise:

1. With the fireplace UNPLUGGED, check to see that no foreign objects are in the blower and that the blower is clean.
2. Call your local dealer or Empire.

The heater is turned on, but neither the blower nor the heating element operate:

1. Check to see that the heater is plugged in and switched on.
2. Check the circuit breakers or fuses to see that the electric outlet is active.
3. Call your local dealer or Empire.

The blower runs, but the air coming out of the heater is not warm:

1. Call your local dealer or Empire.

The heater operates properly but blows a fuse or trips a circuit breaker on a regular basis:

1. Provide a dedicated circuit for the heater.
2. Call your local dealer or Empire.

## WARRANTY

Empire warrants this fireplace to be free from defects in materials and workmanship for one (1) year, with the following exceptions:

1. Flame strips are warranted for only 2 months.
2. Light bulbs are not covered by this warranty
3. Damage caused by exceeding the 25 watt limit on light bulbs is not covered by this warranty

The warranty period commences from the date of purchase and applies only to the original owner/retail purchaser. This warranty is contingent on the product being properly installed, operated and maintained in accordance with all applicable instructions, standards and codes. Proof of purchase must be provided to make a claim under this warranty.

This warranty covers the cost of replacement part(s) listed above (except light bulbs) required to restore the log set to proper operating condition. Warranty parts must be obtained through authorized dealers of this product and/or Empire, who will provide original factory replacement parts. Failure to use original factory replacement parts voids this warranty. This log set must be installed in accordance with all local and applicable codes and factory instructions. Local codes take precedence in case there is a difference between the instructions and local codes.

This warranty does not apply to parts that are not in original condition due to normal wear and tear, or parts that fail due to lack of maintenance, or that get damaged as a result of misuse, accidents, improper installation or natural disasters. Travel, diagnostic costs, labor (when applicable), transportation, and all other costs are the responsibility of the owner.

To the full extent allowed by the law of the jurisdiction that governs the sale of this product, this limited express warranty excludes any and all other expressed warranties, and limits the duration of any and all implied warranties, including warranties of merchantability and fitness for a particular purpose, to one year on all components from the date of first purchase. *Empire's* liability is hereby limited to the purchase price of the product and *Empire* shall not be liable for any other damages whatsoever including indirect, incidental or consequential damages. We make no other warranties expressed or implied.

We reserve the right to modify the product specifications and the warranty conditions at any time without notice. This warranty gives you specific legal rights and you may also have other rights that vary from state to state.

### Warranty Information

Date of Purchase: \_\_\_\_\_ Purchased from: \_\_\_\_\_

**Empire Products, Inc.**  
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