

CHARRED MOUNTAIN BIRCH FLAME ENHANCED GAS LOG SET

Model# CHMBW-18-FE
CHMBW-24-FE
CHMBW-30-FE



INSTALLER: Leave these instructions with consumer.
CONSUMER: Retain for future reference.

THIS FLAME ENHANCED LOG SET IS DESIGNED FOR USE WITH **REAL FYRE G4 AND G45 BURNER SYSTEMS ONLY.** Burner systems sold separately.

Installation Overview

The installation process begins with the installation of the flame enhancer components, followed by log placement. See the parts list below for the flame enhancer components to be installed and follow the procedure below. Then you will need to locate the log placement section appropriate for your model to finish the installation. 24" Model shown here.

FLAME ENHANCER COMPONENT PARTS LIST (See the following pages for remaining log parts lists)



18"- FE-18-PNL
24"- FE-24-PNL
30"- FE-30-PNL



EB-2



18"- EM-1 (x1)
24"- EM-1 (x1)
30"- EM-1 (x2)



18"- FEBL-16BR
24"- FEBL-23BR
30"- FEBL-25BR

CHMBW-24-FE model shown

Flame Enhancer Component Installation

1. Hook the flame enhancer panel's front tabs onto the back of the burner pan. Ensure the panel is centered to the burner. See Fig. 1-1.
2. Fill the burner pan with the primary media included with your burner system (sand for natural gas or vermiculite for L.P. gas). Refer to your burner system owner's manual for complete details if needed. See Fig. 1-2.
3. Sprinkle **black embers** **lightly** and **evenly** over the entire surface of the sand/vermiculite as shown in Fig. 1-3. **Break up any clumps that may have developed during shipment. The remaining embers will be used at a later point in this kit installation.**
4. Place the grate over the burner pan and panel so the grate fingers fall between the panel's rear tabs. Then pull the grate forward until it stops at the panel. See Fig. 1-4.

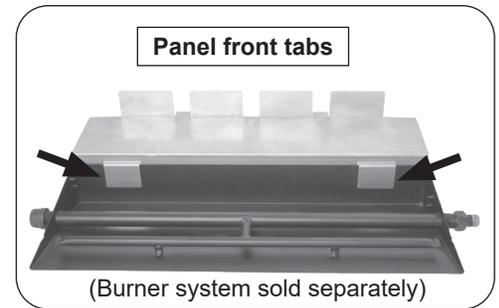


Fig. 1-1 Hook tabs to back of burner pan

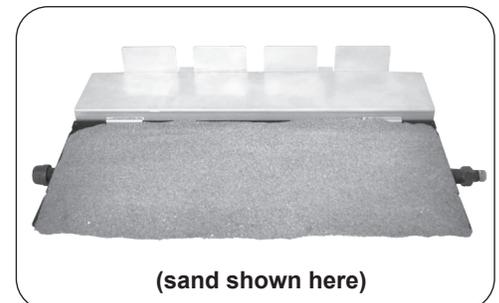


Fig. 1-2 Fill burner pan with media

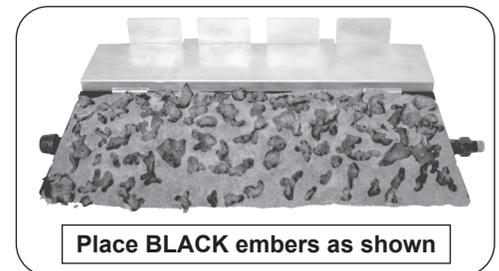


Fig. 1-3 Cover media with black embers

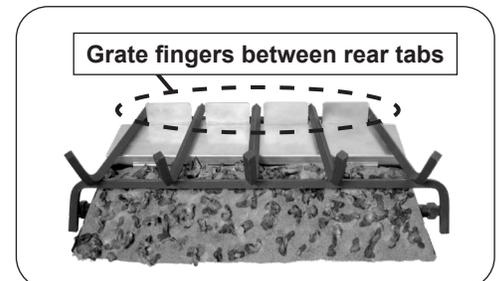


Fig. 1-4 Place grate on panel between tabs

5. Fill approximately 3" of the rear panel area between the grate fingers with **white embers**. Place and pack down the embers evenly to ensure a flat, uniform surface. See Fig. 2-1.
 - **Ensure the embers are level and packed to the height of the grate fingers (to block airflow beneath log and plate).**
6. Center the fiber rear log onto the grate and shift it back to rest against the panel's rear tabs (see Fig. 2-2, A).
7. Sprinkle black embers lightly and evenly over the front remaining surface of the panel (see Fig. 2-2, B).

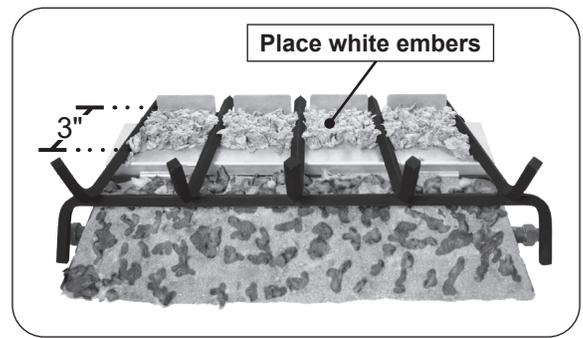


Fig. 2-1 Fill panel with white embers

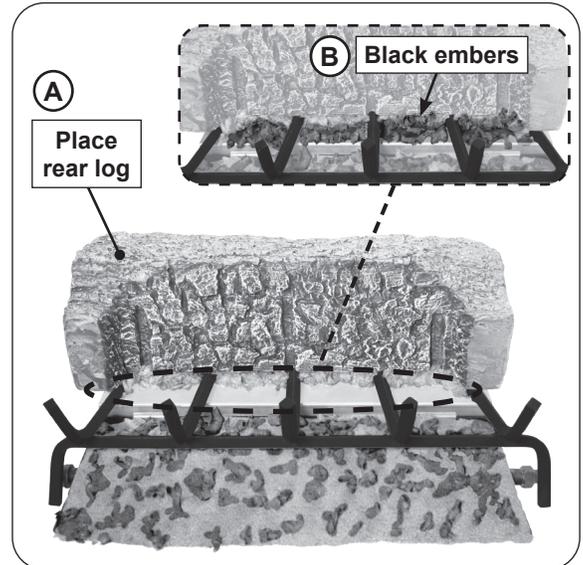


Fig. 2-2 Place rear log & fill panel w/ black embers

READ THE IMPORTANT INFORMATION BELOW, then proceed to the appropriate page for your model for remaining log placement instructions.

LOG SET IMPORTANT INFORMATION

This instruction contains recommended log placement for these Real Fyre logs which will promote good combustion and provide superior flame pattern and appearance.

Use these logs only with a Real Fyre G4 or G45 burner system.

Adequate ventilation is absolutely necessary! Provided significant, noticeable sooting **does not** occur, some flexibility is possible in log placement to suit your individual preference (see Important below). If you experience a continued accumulation of black carbon (soot) on your logs it is an indication of incomplete combustion and you should move the effected log(s) so as to minimize the flame contact on the effected log(s). If significant sooting continues, stop using this gas log set.

IMPORTANT:

Adequate ventilation is absolutely necessary. Adequate spacing between the logs is NECESSARY and MUST be maintained. Some carbon build up (sooting) may occur where flames strike the logs. If carbon build up (sooting) continues, rearrange top logs to allow more opening(s) for flame(s) before sooting becomes worse. **If any sooting occurs outside of the firebox (i.e. on the walls), turn off unit immediately and contact a qualified professional service technician.**

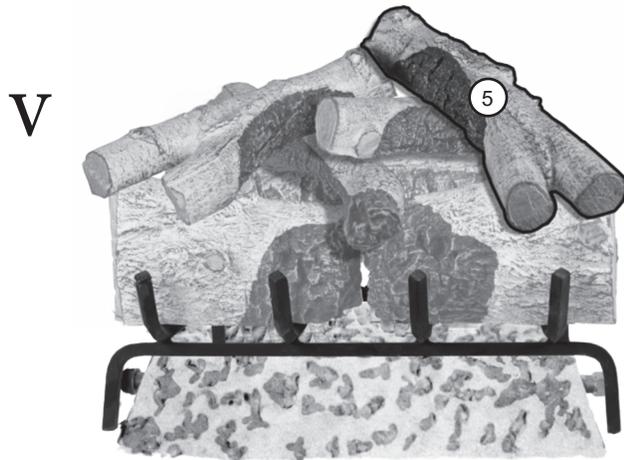
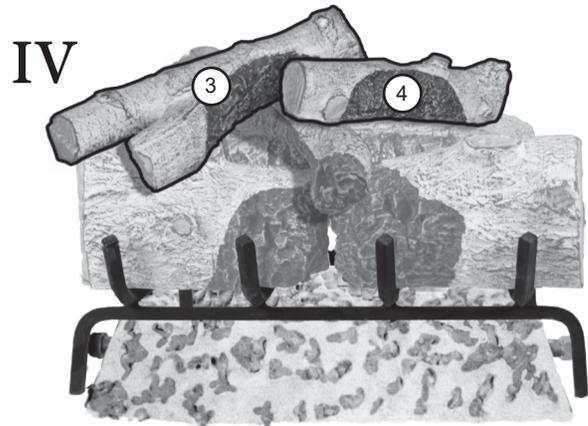
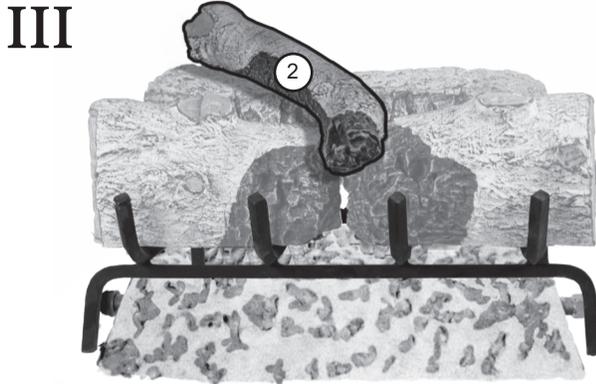
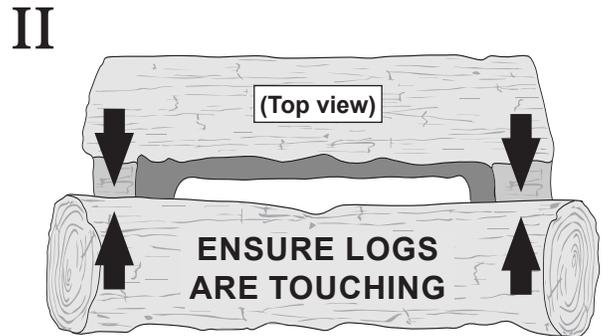
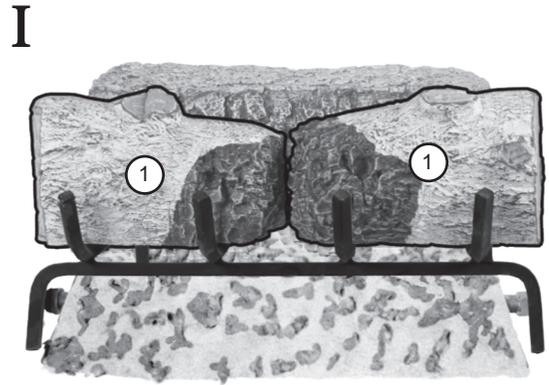
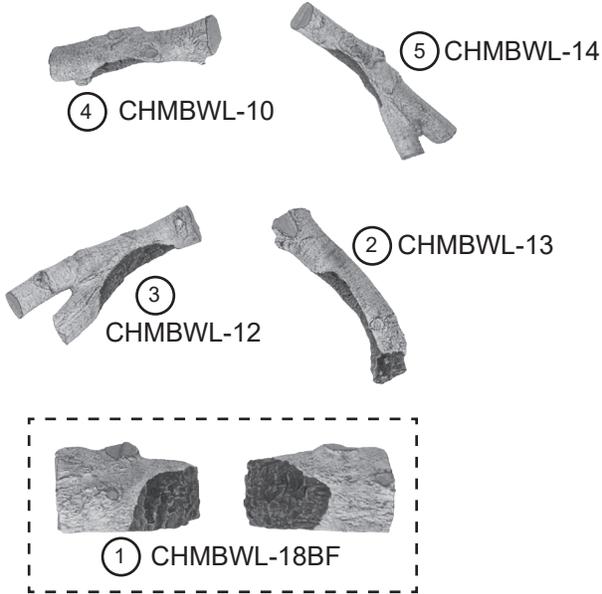
WARNING:

Use **ONLY** Peterson Real Fyre G4 or G45 burner systems with this flame enhanced gas log set. **Failure to do so may result in property damage or personal injury, and will void listings, certifications, and invalidate claims made to RHP.** Contact your local Real Fyre dealer if you need more information.

This product is only warranted when used as part of a Robert H. Peterson Co. Real Fyre G4 or G45 burner system.

CHMBW-18-FE LOG PLACEMENT INSTRUCTIONS

CHMBW-18-FE LOGS PARTS LIST



Final Log Placement

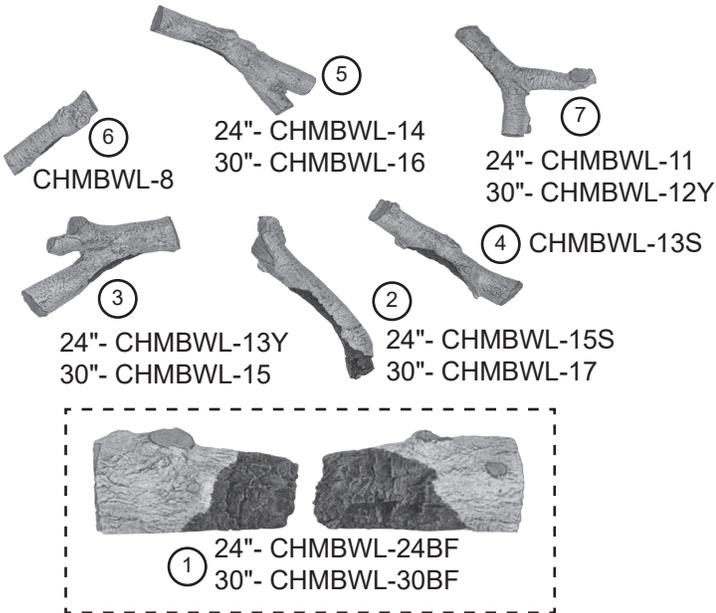
Note: Expect the rear log glowing appearance to occur after 15 minutes (of burn time).

Note: During initial use, a 1 hour minimum of burn time is required to ensure the logs properly cure for optimal glow.

CAUTION:
Burn hazard! Logs will remain hot for some time after use.

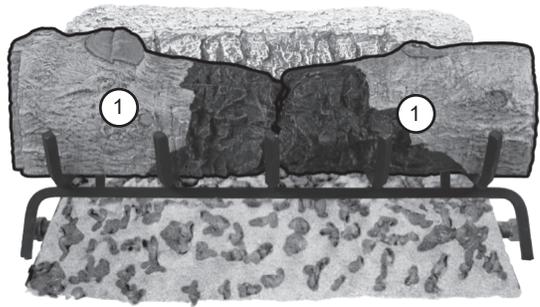
CHMBW-(24,30)-FE LOG PLACEMENT INSTRUCTIONS

CHMBW-24-FE & CHMBW-30-FE LOGS PARTS LIST

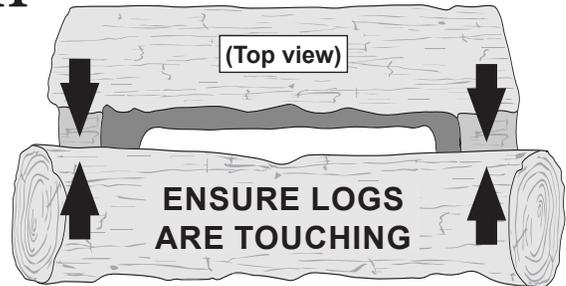


24" log set shown

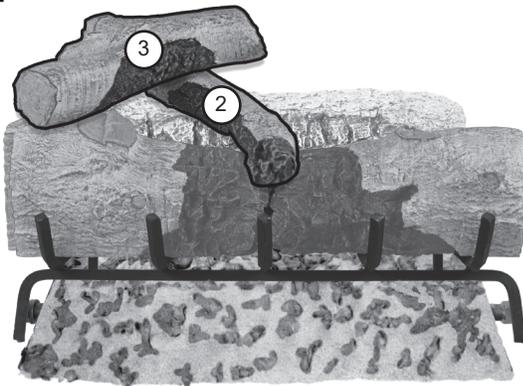
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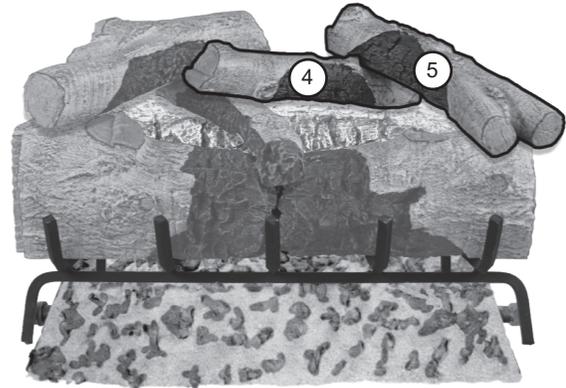
II



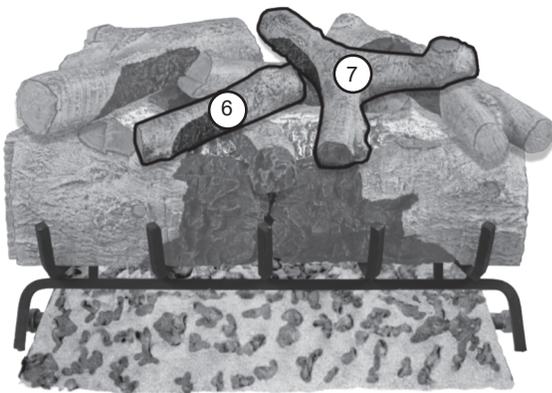
III



IV



V



Final Log Placement

Note: Expect the rear log glowing appearance to occur after 15 minutes (of burn time).

Note: During initial use, a 1 hour minimum of burn time is required to ensure the logs properly cure for optimal glow.

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Burn hazard! Logs will remain hot for some time after use.