

EMBER BOOSTER

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EMB 499

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LISTING NO. 1180

*Assembly, Installation, and Operation Instructions or **Rasmussen Ember Booster Accessory Kit** for use with **Rasmussen Gas Log Sets with "F" or "FA" Style Burners***

REQUIRED TOOLS AND MATERIALS: Adjustable Wrench, Pipe Wrench, Pipe Sealing Compound, Knife.

PARTS LIST: Ember Booster Burner Tube; Pan Extension Plate; Manifold Assembly

PREPARATION:

(New Installation) Follow and complete all steps up to "Burner Pan Assembly" in the **Flaming Ember Burner** Installation Instructions.

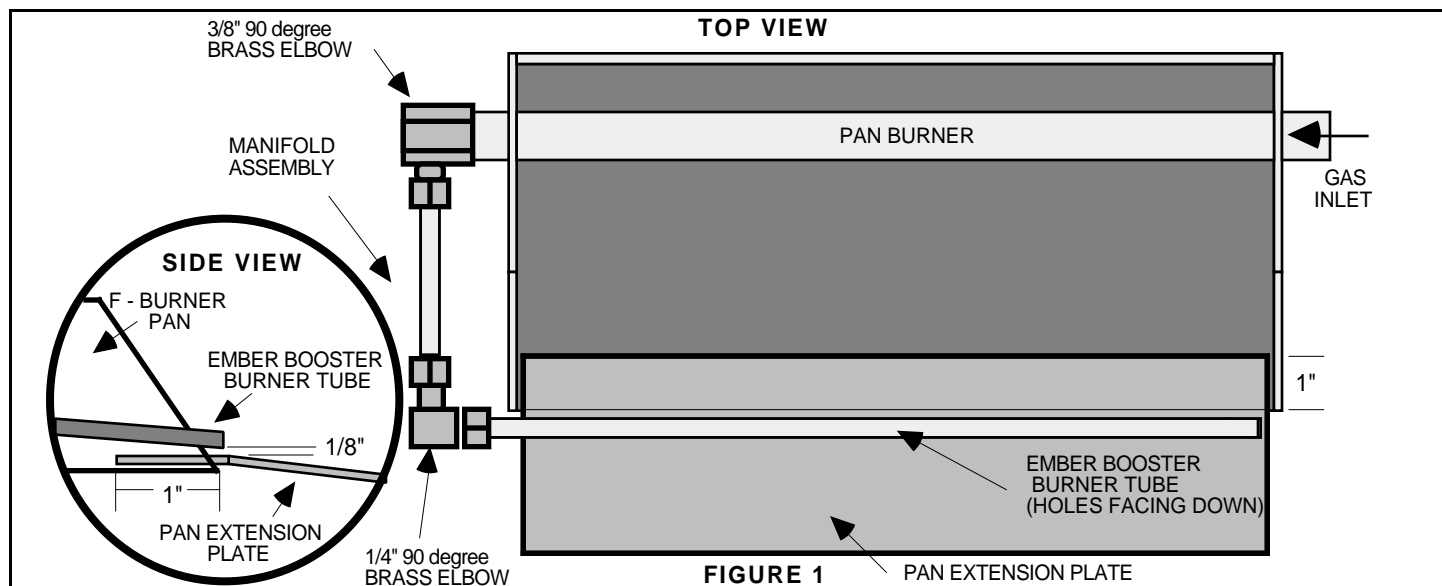
(Existing Installation) Remove Logs from grate. Push sand and ember material back from front edge of burner. Remove 3/8" Burner Plug.

INSTALLATION: (See Figure 1)

- Apply pipe thread compound to the 3/8" threaded 90° elbow portion of the **BRASS ELBOW/MANIFOLD ASSEMBLY**. Insert into burner pan on side opposite gas inlet (in place of previously removed 3/8" burner plug). **NOTE:** For retrofits to existing installations, the 3/8" threaded 90° elbow end of the **MANIFOLD ASSEMBLY** must be disconnected in order to turn fitting onto burner pan without removing pan from fireplace.
- Wrench tighten 3/8" threaded 90° elbow so that 1/4" outlet end of **MANIFOLD ASSEMBLY** is facing forward (towards front of pan) just off firebox floor.
- With the Burner Ports (holes) **facing down**, insert the **EMBER BOOSTER BURNER TUBE** into the 1/4" elbow of the **MANIFOLD ASSEMBLY**. Tighten all fittings.

BURNER PORTS MUST FACE DOWN FOR PROPER OPERATION!

- Place the 1" bent portion of the **PAN EXTENSION PLATE** underneath the **EMBER BOOSTER TUBE** and on top of (overlapping) the front 1" of the burner pan.
- Using a wrench, adjust (rotate) the **BRASS ELBOW/MANIFOLD ASSEMBLY** so that the **EMBER BOOSTER BURNER TUBE** is no more than 1/8" above the **PAN EXTENSION PLATE**.
- Replace the sand and embers **COMPLETELY COVERING BOTH BURNERS**. Conceal the 1/4" elbow of the **MANIFOLD ASSEMBLY** with sand, vermiculite and/or embers. If additional sand or embers are required, they are available through your retailer. (**SAND:1- SS10, EMBERS: 1- REK**)



OPERATION: Flame should burn evenly across both burners. If not, the sand may not be completely covering the Ember Booster Burner and/or the Pan Burner. **Sand must completely cover both burners!**

Also, sand may have become packed during installation of the Ember Booster Burner. Using a kitchen knife, putty knife or spatula, loosen the sand by inserting knife edge under the embers. Loosen the entire bed and recheck for even distribution of ember material and flame.