

INSTALLATION INSTRUCTIONS FOR THE
ULTRA GRATE

Refer to (Fig-1) Attached

- 1) Remove the existing standard burn pot and grate.
- 2) Remove the firebrick retention plates by loosening the two screws that hold the retention plates in place.
- 3) Remove all three firebricks, beginning with the right hand side, then the center and the left. Care should be taken when removing the bricks as they are fragile.
- 4) Clean the internal firebox of all ash including the stove bottom, behind the firebricks and ash trap baffles. Refer to your Owners Manual

Refer to (Fig-2) Attached

- 5) Place the base plate on the bottom plate of the stove. Check that the rope gasket is in place on the underside of the base plate. The two 1/4" pem studs on the sides of the base plate should be located in the two side notches on the bottom plate. The third pem stud is located to the back of the stove. With the washers and lock nuts inserted from underneath tighten the lock nuts under the base plate.
- 6) Using the Right firebrick as a pattern, cut a notch in the upper left corner of the left firebrick with a utility knife (see Fig.1). Now, cut off about 1/8" along the bottom of each firebrick. (Please cut firebrick in a well ventilated area)
- 7) Reinstall all three firebricks starting with the Center firebrick first.
- 8) Replace the firebrick retention plates.
- 9) Place the new burn grate assembly in the opening of the base plate. Make sure the burn pot is placed in such a way that the three hole side of the grate is closest to the firebrick.
- 10) A small adjustment of the damper control rod or the fuel feed rate may be needed to obtain optimum performance with your Ultra Grate. Consult your Whitfield dealer for more information if needed.

The Ultra Grate is designed to burn wood residue pellets with up to 3% ash content. Agricultural pellets (ie.. corn, alfalfa, etc..) are not permitted to be burned in your stove. Contact your Whitfield dealer for more information about approved pellet fuels that may be burned in your new Ultra Grate.

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