

# Wood Stoves and Wood Inserts

## DYK<sub>Did You Know?</sub>

### Maintenance Facts About The New Wood Stoves and Wood Burning Inserts

What You As A New Stove Owner, Need To Service:

A Woodstove/ Insert is no longer something you put into your fireplace and just continue to use with no concern for service. You as a new Stove owner MUST perform the prescribed maintenance or pay a professional to perform.

- 1). You must have the chimney swept after 2 full cords of wood. Cord = 8'wide X 4' Tall X 4'Deep of Hardwood.
- 2). When sweeping a chimney an insert needs to be pulled out and chimney swept into a bucket and then a shop vac to vacuum out top below exhaust outlet in unit. A stove should have the pipe removed swept into a bucket and top of stove exit vacuumed out. Be careful not to vacuum the mineral wool out.
- 3). Door, Ash Door, and Glass Gasket should be changed after two burn seasons. It should be inspected after each burn season with a dollar bill test. Put Dollar Bill between door and stove at top bottom and each side if you can pull the dollar bill out you need new gaskets.
- 4). Check Door Alignment and Handel adjustments when checking door gaskets. Adjust door as described in Manual along with the Handle adjustments.
- 5). Inspect glass for cracks. Inspect Air Tubes on top of stove. Inspect Brick. If anything is not right it must be addressed immediately before use and repaired with manufacturer parts. Air Tubes and Baffles are covered under the manufacturers warranty unless specified. The manufacturer or Brand dealer shall supply all replacement parts. Any hearth dealer can supply replacement Glass and gasket material.

## **DYK – Stove operating and Performance:**

The NEW wood burning inserts and Wood Stoves operate at a very low chimney temperature, therefore when venting through a masonry chimney it must be lined with a matching diameter Insulated Liner System. This Insulated Liner System maintains an adequate draw draft to make the stove operate correctly and efficiently. Thus wood stoves must vent with an insulated chimney system that has a matching diameter to the outlet on the unit. A stove with a 6" exit shall not be connected to an 8" chimney system for effective performance. Chimneys that are not more than 2ft. above highest peak of total structure will not provide enough sustained draft to operate unit optimally.

NEW wood burning high efficacy wood stove and inserts should be started with the door open about ¼" for no more than 15min. – then open the air control fully - close door fully – then when wood is sufficiently lit - close down the air control to slightly open. You will receive the maximum amount of heat from that unit the more the air control is closed – NOT open! If you burn continually with the air control open will cause you to use way too much wood with little heat, and may cause premature parts deterioration. By burning with the air control open sends all that valuable heat up the chimney.

NEW current Units operate much differently than the old obsoleted wood stoves and inserts. The old units did not have secondary air jet combustion, burning the smoke, and thus produced a high cancer causing pollutant that dropped on our lakes and crops. The NEW units take air from the bottom of the appliance (controlled by Air Control Handle), sends it up the back wall of the stove to air injection tubes on the inside top of the stove. The combustion air for the stove comes from above the wood and down onto the wood, and burns the rising smoke. You are receiving the heat from the wood fuel AND the heat from the burning smoke – thus more heat less emissions.

**PLEASE READ THIS AND UNDERSTAND THIS BEFORE OPERATING YOUR WOOD-BURNING APPLIANCE, Do not Modify with non-authorized materials or parts.**