

# The Original Biomass— Woodstoves

John Crouch

Director of Public Affairs

Hearth, Patio & Barbecue Association

January 20, 2008

# The Great American Wood Stove Changeout



**U.S. EPA Office of Air Quality  
Planning and Standards**

**<http://www.epa.gov/woodstoves>**

# Solid Fuel – Where does it fit?

- Not appropriate everywhere –
- One of many Appropriate technologies
- Needs
  - Local fuel, Wood or other biomass
  - Careful, safe installation
  - Proper technology– EPA certified stoves, pellet stoves, furnaces, etc
- Must fit the communities needs -- Jobs, Safe Housing, Local Energy

# This—is Not what we want

Yes, it is Biomass-

But Not

Appropriate Biomass

If Biomass cannot contribute to energy needs without major pollution – It cannot be not part of the solution



# “Fuels” in Modern BioMass Hearth Products

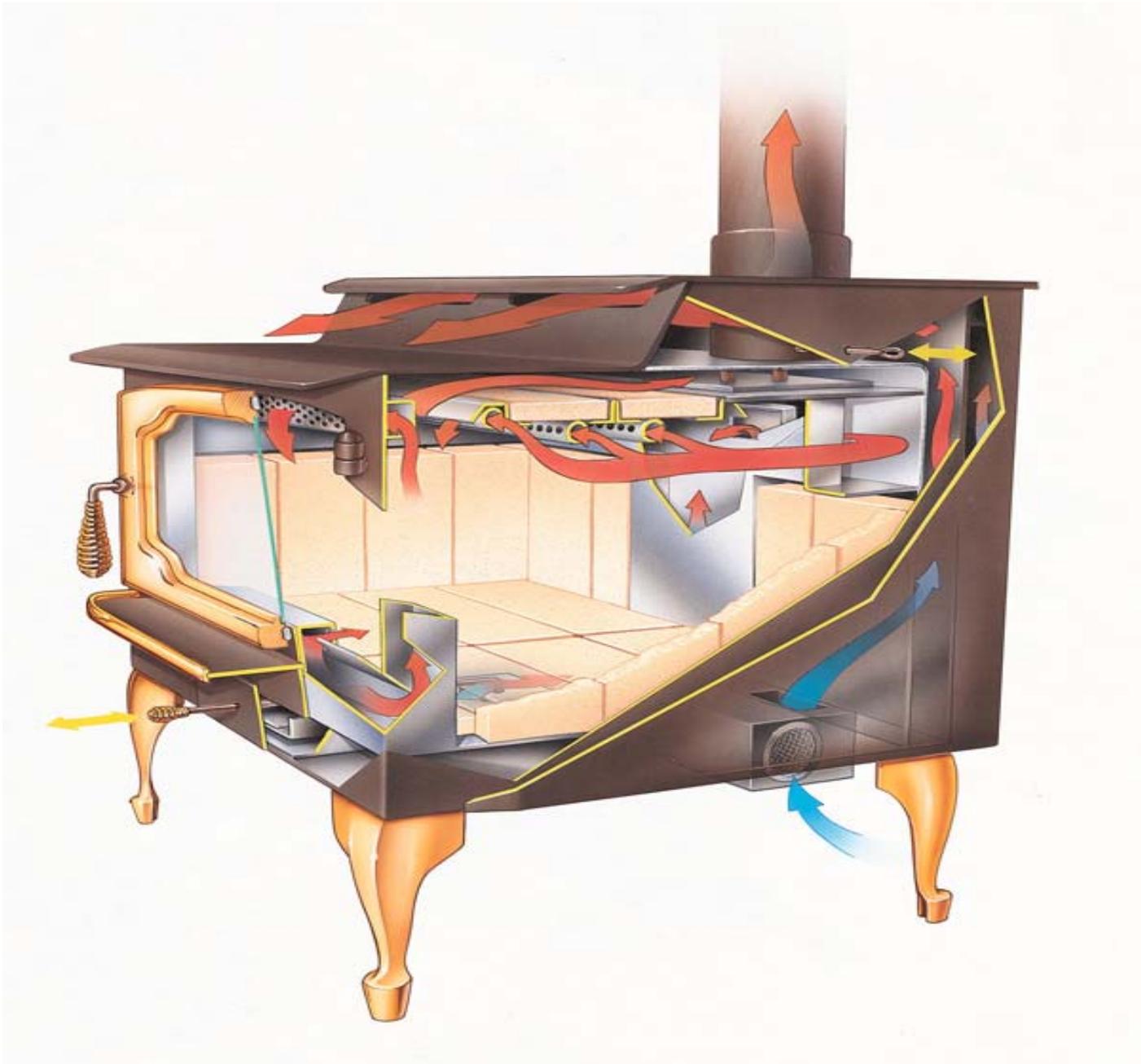
- Wood – Cordwood,
- Pellet,
  - Wood
  - Grass
  - “Naturally pelletized fuels”, i.e. Corm
- Pressed logs

# Woodstove

- EPA certified – Freestanding, FP Inserts, Built-in (Zero Clearance)



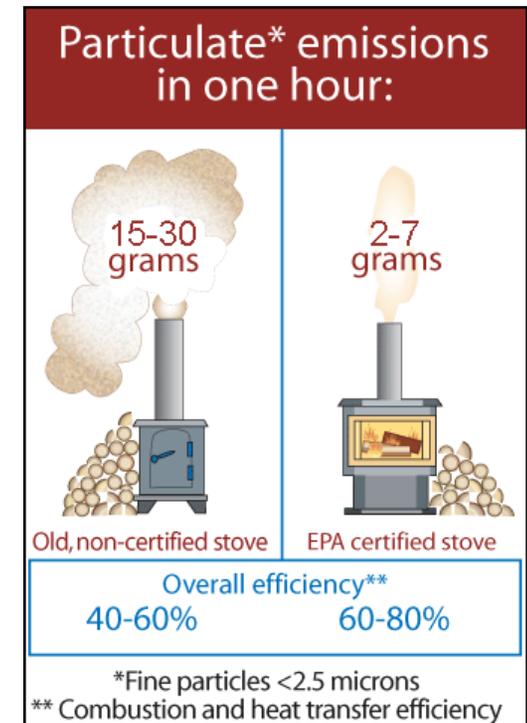
# EPA Stove



# Benefits for the Consumer



- **Cleaner Burning Technologies:**
  - Pollute less – 70% less PM2.5 outdoors
  - More energy efficient
  - Use less fuel
  - Cut creosote buildup in chimneys, reducing fire risk
  - Save money and require less work



# Changing out old stoves for new

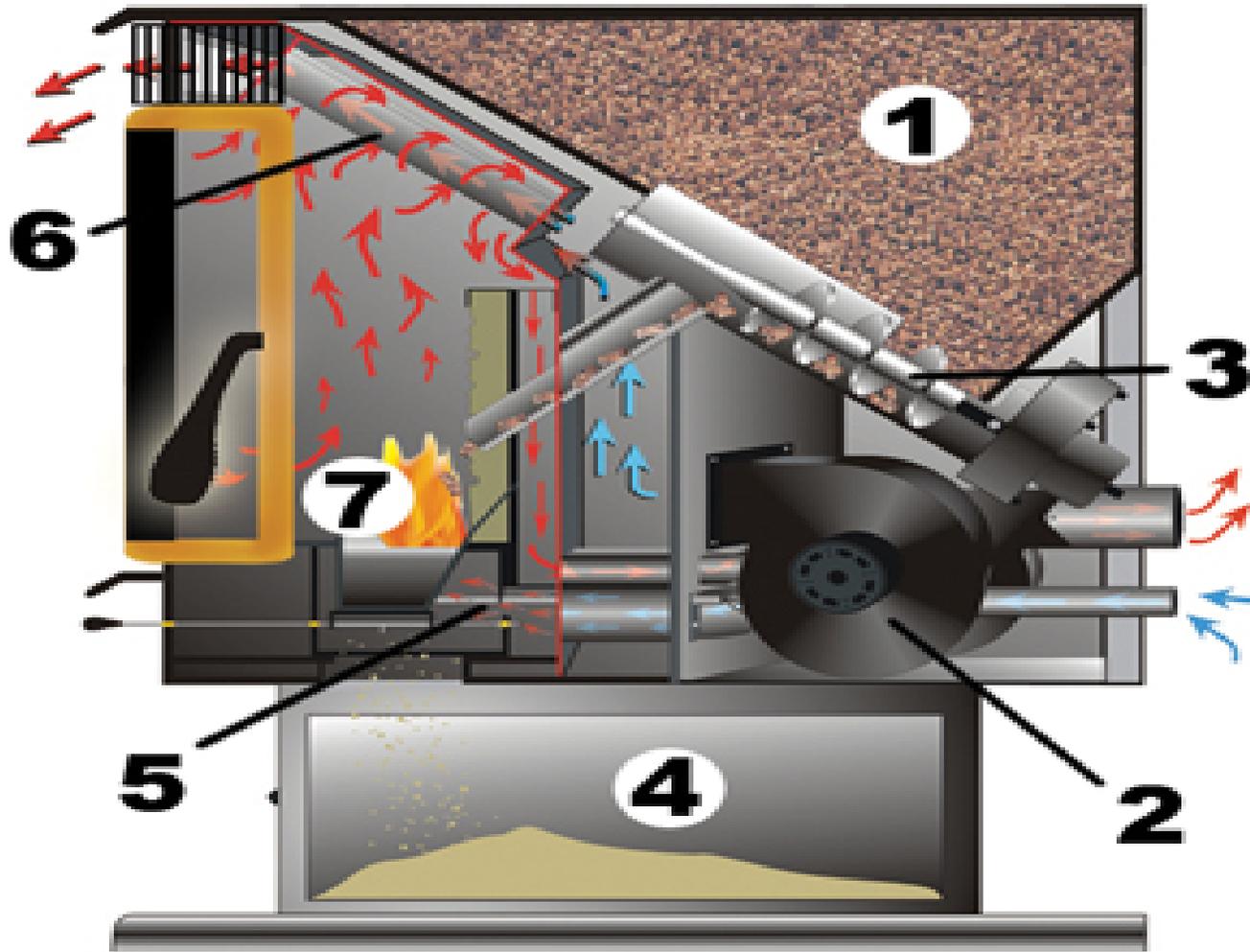
- Decreases woodsmoke in community
- Decreases woodsmoke indoors
- Improves Fire Safety

# Wood Pellet & Corn Stoves

- Also available as Freestanding, FP Insert,



# Pellet Burning Stove



# Central Furnaces



[Click to Enlarge](#)

# Solid Fuel – Home Heating

- Where appropriate –
  - Fuels, especially wood
  - Pellet plant – jobs
- As part of the communities move towards greater self reliance, as part of a total alternative energy solution