



Wood-Burning Fireplace OR Fireplace Insert

# WHAT'S THE DIFFERENCE?



## STANDARD FIREPLACE

- Capable of retrofitting gas logs
- Installs into framed wall
- Radiant heating only
- Open-faced design
- Refractory or firebrick-lined firebox
- Traditional or rustic style
- Broader range of sizes



## HIGH-EFFICIENCY FIREPLACE

- EPA certified with cleaner burn
- Smaller firebox & viewing area
- Installs into framed wall
- Limited to wood fuel
- Contains firebrick & catalysts/baffles
- Sealed combustion chamber
- Superior thermal efficiency



## FIREPLACE INSERT

- Improves efficiency of standard fireplace
- Incapable of retrofitting gas logs
- Installs into existing firebox
- Burns less wood longer
- Smaller size with front-sealed design
- Contains baffles and catalysts
- Heats larger area

## Why you should choose A WOOD-BURNING FIREPLACE INSERT

Reduced Particulate Emissions = Better Air Quality

### EPA Regulated Maximum of smoke per hour

Current

**4.5**  
GRAMS OF WOOD

Effective May 15, 2020

**2.0** or **2.5**  
GRAMS OF STICK WOOD  
GRAMS OF CORD WOOD



There are **NO EPA REGULATIONS** on Wood-Burning Fireplaces!!

### Average PM2.5 Emissions by wood-burning appliance

Fireplace 28 lb./MMBtus



Uncertified Woodstove 4.6 lb./MMBtus



EPA Certified Woodstove/Insert 1.4 lb./MMBtus



Pellet Stove 0.49 lb./MMBtus



NOTE: PM2.5 = Fine Particulate Matter  
1 MMBtus = 1 million BTU (British Thermal Unit)

Source: (EPA, 2018)