

# Facts on WOOD BURNING FIREPLACES

## Flues In Masonry Chimneys



### HOLES IN FLUE LINING

Gaps between tiles will allow heat and gases to escape the flue and potentially get into your home.



### CRACKED TILES

Cracked tiles will also allow heat and gases to escape the flue and potentially get into your home. These can be caused by a high heat event.



### UNLINED FLUES

Unlined flues are not capable of protecting the combustibles of your home from high heat events.



A 2000° chimney fire can transfer heat through brick and ignite combustibles in your home.



A stainless steel lining with insulation is essential to protecting your home from fires. Liners come with a lifetime warranty and are tested to withstand 2000° chimney fires.



## INDUSTRY GUIDELINES

### Chimney Safety Institute Of America ([csia.org](http://csia.org))

According to the CSIA ([csia.org](http://csia.org)), problems such as gaps, cracks, and spalling in your chimney's flue can present serious risks to your home and family, because your chimney can no longer perform its intended function - to safely contain and vent the products of combustion to the outside.

### National Fire Protection Association (NFPA)

"If the flue liner in a chimney has softened, cracked or otherwise deteriorated so that it no longer has the ability to contain the products of combustion (i.e., heat, moisture, creosote, and flue gases), it shall be removed and replaced, repaired or relined..." NFPA 211 - Standard for Chimneys, Fireplaces, Vents, and Solid Fuel - Burning Appliances (2006).