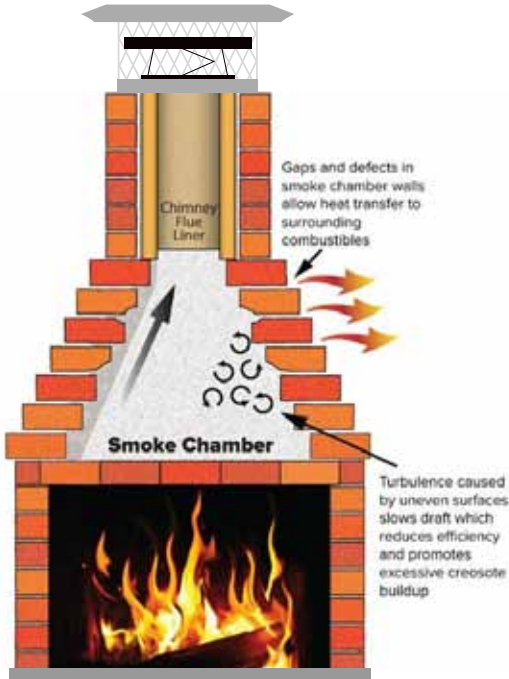


Facts on SMOKE CHAMBERS In Masonry Chimneys

1 The smoke chamber funnels smoke and heat from your firebox to your flue lining. The smoke chamber can reach temperatures of 2000 degrees during a high heat event (chimney fire).



2 The smoke chamber is required to be sealed smooth with refractory mortar to protect exterior combustibles from igniting.



3 Wood can be found inside smoke chambers, which can lead to house fires.



4 Heat can transfer through masonry and actually ignite combustibles on the other side of a row of brick without actually touching it.



Fire Investigators estimate that **40% of house fires** that start from the chimney, start in the smoke chamber.

National Fire Protection Association (NFPA)

211 Standard For Chimneys, Fireplaces, Vents, and Solid Fuel Burning Appliances 2010 Edition

11.2.1.13 The inner surfaces of the smoke chamber shall be parge coated smooth, with an insulating refractory mortar...

LINDEMANN
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