

J. Metal Heat Circulating Masonry

This insert conforms with the safety standard **UL-1482 and ULC S628 (Canada)** in all respects and is approved to **UL & ULC safety standards** for installation and use within a fireplace with masonry chimney, in accordance with **NFPA 211**, with a direct flue collar connection.

K. Prefabricated Metal Chimney

The chimney can be new or existing, masonry or prefabricated and must meet the following minimum requirements:

- Must be minimum 6 inch (152mm) inside diameter of high temperature chimney listed to **UL 103 HT (2100°F) or ULC S628**.
- Must use components required by the manufacturer for installation.
- Must maintain clearances required by the manufacturer for installation.
- Refer to manufacturers instructions for installation
- This insert is listed to **UL 1482 Standard** and is approved for installation into listed factory-built zero clearance fireplaces listed to **UL 127** conforming to the following specifications and instructions:
- The original factory-built clearance fireplace chimney cap must be re-installed after installing the approved chimney liner meeting type **UL 103 HT** requirements (2100°F) per **UL 1777**.
- If the chimney is not listed as meeting HT requirements, or if the factory built fireplace was tested prior to 1998, a full height listed chimney liner must be installed from the appliance flue collar to the chimney top.
- The liner must be securely attached to the insert flue collar and the chimney top.
- The air flow of the factory-built zero-clearance fireplace system must not be altered. The flue liner top support attachment must not reduce the air flow for the existing air-cooled chimney system.


NOTE: Refer to chimney liner manufacturer for recommendations on supporting the liner. Installation into fireplaces without a permit will void the listing.

- No dilution air is allowed to enter the chimney.
 - a. Secure the fireplace damper in the open position. If this cannot be accomplished, it will be necessary to remove the damper.
 - b. Seal damper area of chimney around chimney connector with a high temperature sealant or seal insert against the face of the fireplace.
 - c. Both methods must be removable and replaceable for cleaning and re-installation.

Minimum Opening Dimensions		Inches	Millimeters
A	Height	19-1/4	489
B	Front Width (Steel Surround)	27	686
	Front Width (Cast Surround)	27	686
C	Back Width	24-1/2	622
D	Depth (Steel Surround)	15-15/16	405
	Depth (Cast Surround)	15-5/8	397

Table 16.1

NOTICE: In Canada when using a factory-built chimney it must be safety listed, **Type UL103 HT (2100°F) [1149°C] CLASS "A" or conforming to CAN/ULC-S629M, STANDARD FOR 650°C FACTORY-BUILT CHIMNEYS.**


WARNING

Fire Risk.

When lining air-cooled factory-built chimneys:

- Run chimney liner approved to **UL 1777 Type HT requirements (2100°F)**
- Re-install original factory built chimney cap **ONLY**.

- **DO NOT** block cooling air openings in chimney.
- Blocking cooling air will overheat the chimney.

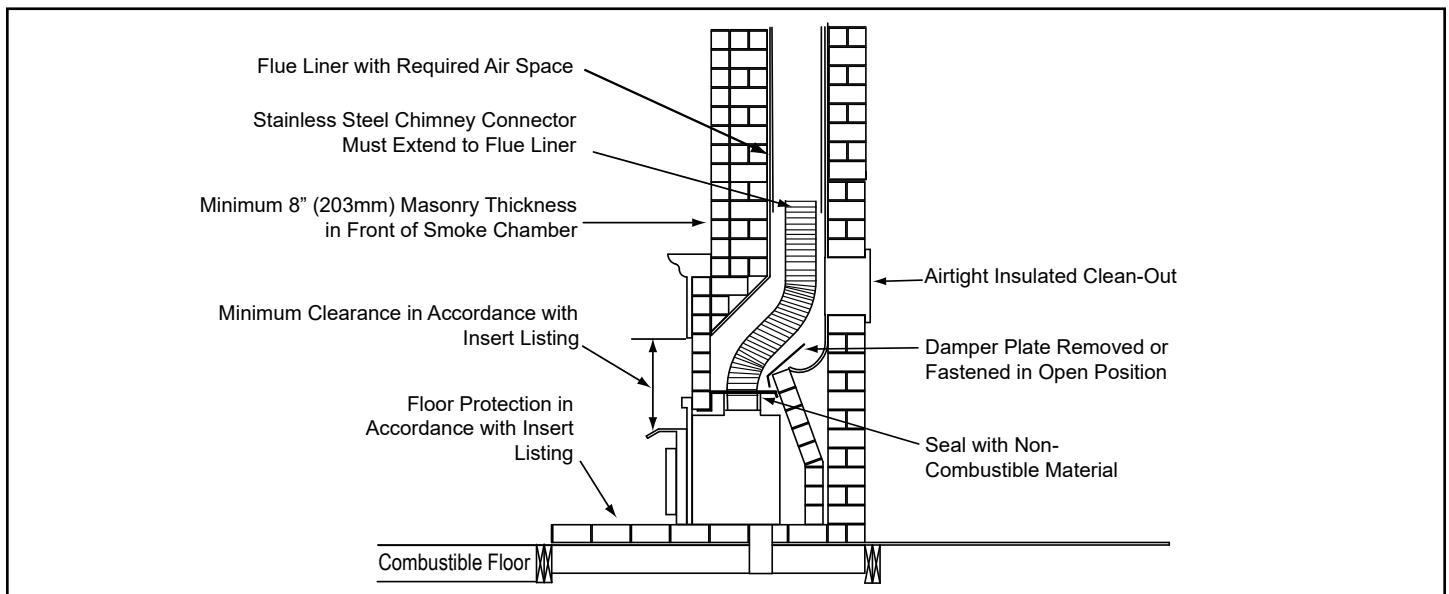


Figure 16.1 - Generic Insert Model Shown in Illustration