TABLE B1001.1	
SUMMARY OF REQUIREMENTS FOR MASONRY FIREPLACES AND CHIMNEYS	
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	Α	4″
learth slab thickness Jearth extension	В	8" fireplace opening < 6 square feet. 12" fireplace opening ≥ 6 square feet.
(each side of opening) Hearth extension	С	$16''$ fireplace opening < 6 square feet.
(front of opening)	D	Reinforced to carry its own weight and all imposed loads.
learth slab reinforcing Thickness of wall of firebox	E	10" solid brick or 8" where a firebrick lining is used. Joints in firebrick $1/4$ " maximum.
Distance from top of opening to throat	F	8″
Smoke chamber wall thickness	G	6″ 8″
Unlined walls Chimney Vertical reinforcing ^b	Н	Four No. 4 full-length bars for chimney up to 40" wide. Add two No. 4 bars for each additional 40" or fraction of width or each additional flue.
	J	$\frac{1}{4}$ ties at 18" and two ties at each bend in vertical steel.
Horizontal reinforcing	K	No specified requirements.
Bond beams	L	Noncombustible material.
Fireplace lintel Chimney walls with flue lining	М	Solid masonry units or hollow masonry units grouted solid with not less than 4-inch nominal thickness.
tool. I could show see as a stated, that the shorts		See Section R1003.13.
Distances between adjacent flues	Р	See Section R1003.15.
Effective flue area (based on area of fireplace opening) Clearances Combustible material Mantel and trim Above roof	R	See Sections R1001.11 and R1003.18. See Section R1001.11, Exception 4. 3' at roofline and 2' at 10'.
Anchorage ^b Strap Number Embedment into chimney Fasten to Bolts	S	${}^{3}/{}_{16}'' \times 1''$ Two 12" hooked around outer bar with 6" extension. 4 joists Two ${}^{1}/{}_{2}''$ diameter.
Footing Thickness Width	Т	12" min. 6" each side of fireplace wall.

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 square foot = 0.0929 m^2 .

Note: This table provides a summary of major requirements for the construction of masonry chimneys and fireplaces. Letter references are to Figure R1001.1, which shows examples of typical construction. This table does not cover all requirements, nor does it cover all aspects of the indicated requirements. For the actual mandatory requirements of the code, see the indicated section of text.

a. The letters refer to Figure R1001.1.

b. Not required in Seismic Design Category A, B or C.

R1001.6 Firebox dimensions. The firebox of a concrete or masonry fireplace shall have a depth of not less than 20 inches (508 mm). The throat shall be not less than 8 inches (203 mm) above the fireplace opening. The throat opening shall be not less than 4 inches (102 mm) deep. The cross-sectional area of the passageway above the firebox, including the throat, damper and smoke chamber, shall be not less than the cross-sectional area of the flue.

Exception: Rumford fireplaces shall be permitted provided that the depth of the fireplace is not less than 12 inches (305 mm) and not less than one-third of the width of the fireplace opening, that the throat is not less than 12 inches (305 mm) above the lintel and is not less than onetwentieth the cross-sectional area of the fireplace opening.

R1001.7 Lintel and throat. Masonry over a fireplace opening shall be supported by a lintel of noncombustible material. The minimum required bearing length on each end of the fireplace opening shall be 4 inches (102 mm). The fireplace throat or damper shall be located not less than 8 inches (203 mm) above the lintel.

R1001.7.1 Damper. Masonry fireplaces shall be equipped with a ferrous metal damper located not less than 8 inches (203 mm) above the top of the fireplace opening. Dampers shall be installed in the fireplace or the chimney venting the fireplace, and shall be operable from the room containing the fireplace.

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