

10.4.6 Multiple Family or Public Use. All clothes dryers installed for multiple-family or public use shall be equipped with approved safety shutoff devices and shall be installed as specified for a Type 2 clothes dryer under 10.4.5.

10.5 Conversion Burners.

Installation of conversion burners shall conform to ANSI Z21.8, *Installation of Domestic Gas Conversion Burners*.

10.6 Decorative Appliances for Installation in Vented Fireplaces.

10.6.1* Prohibited Installations. Decorative appliances for installation in vented fireplaces shall not be installed in bathrooms or bedrooms unless the appliance is listed and the bedroom or bathroom has the required volume in accordance with Section 9.3.2.

10.6.2 Installation. A decorative appliance for installation in a vented fireplace shall be installed only in a vented fireplace having a working chimney flue and constructed of noncombustible materials. These appliances shall not be thermostatically controlled.

10.6.2.1 A listed decorative appliance for installation in a vented fireplace shall be installed in accordance with the manufacturer’s installation instructions.

10.6.2.2 A decorative appliance for installation in a vented fireplace where installed in a manufactured home shall be listed for installation in manufactured homes.

10.6.2.3 An unlisted decorative appliance for installation in a vented fireplace shall be installed in a fireplace having a permanent free opening, based on appliance input

rating and chimney height equal to or greater than that specified in Table 10.6.2.3.

10.6.3 Fireplace Screens. A fireplace screen shall be installed with a decorative appliance for installation in a vented fireplace.

10.7 Gas Fireplaces, Vented.

10.7.1* Prohibited Installations. Vented gas fireplaces shall not be installed in bathrooms or bedrooms unless the appliance is listed and the bedroom or bathroom has the required volume in accordance with Section 9.3.2.

Exception: Direct-vent gas fireplaces.

10.7.2 Installation. The installation of vented gas fireplaces shall comply with the following requirements:

- (1) Listed vented gas fireplaces shall be installed in accordance with the manufacturer’s installation instructions and where installed in or attached to combustible material shall be specifically listed for such installation.
- (2) Unlisted vented gas fireplaces shall not be installed in or attached to combustible material and shall comply with the following.
 - (a) They shall have a clearance at the sides and rear of not less than 18 in. (460 mm).
 - (b) Combustible floors under unlisted vented gas fireplaces shall be protected in an approved manner.
 - (c) Unlisted appliances of other than the direct vent type shall be equipped with a draft hood and shall be properly vented in accordance with Chapter 12.
 - (d) Appliances that use metal, asbestos, or ceramic material to direct radiation to the front of the appliance shall have a clearance of 36 in. (910 mm) in front and, if constructed with a double back of metal or ceramic,

Table 10.6.2.3 Free Opening Area of Chimney Damper for Venting Flue Gases from Unlisted Decorative Appliances for Installation in Vented Fireplaces

Chimney Height (ft)	Minimum Permanent Free Opening (in. ²)*						
	8	13	20	29	39	51	64
Appliance Input Rating (Btu/hr)							
6	7,800	14,000	23,200	34,000	46,400	62,400	80,000
8	8,400	15,200	25,200	37,000	50,400	68,000	86,000
10	9,000	16,800	27,600	40,400	55,800	74,400	96,400
15	9,800	18,200	30,200	44,600	62,400	84,000	108,800
20	10,600	20,200	32,600	50,400	68,400	94,000	122,200
30	11,200	21,600	36,600	55,200	76,800	105,800	138,600

For SI units: 1 ft = 0.305 m; 1 in.² = 645 mm²; 1000 Btu/hr = 0.293 kW.

*The first six minimum permanent free openings (8 in.² to 51 in.²) correspond approximately to the cross-sectional areas of chimneys having diameters of 3 in. through 8 in., respectively. The 64 in.² opening corresponds to the cross-sectional area of standard 8 in. x 8 in. chimney tile.