

Table 8.5
Type of venting system to be used
 (See Clause 8.10.3.)

Gas utilization appliance	Type of venting system
Certified Category I appliance	Type B gas vent*
Certified equipment with draft hood	Chimney, special venting system*
Equipment certified for use with Type B gas vent	Certified chimney lining system for gas venting, Type BH or special venting system certified for this appliance*
Certified vented wall furnace	Type BW gas vent (Clauses 7.17.3, 8.10.8, 8.11) if designed for use with a BW vent
Category II appliance	Type BH vent or special venting system (Clause 8.10.4)
Category III appliance	Type BH vent or special venting system (Clause 8.10.4)
Category IV appliance	Type BH vent or special venting system (Clause 8.10.4)
Incinerators, indoors	Chimney (Clauses 8.18.2, 8.18.12)
Incinerators, outdoors	Single-wall metal pipe (Clauses 8.10.11, 8.18.2, 8.18.12)
Appliance that may be converted to use of solid fuel	1202°F (650 °C) chimney (Clauses 8.12.3, 8.12.6)
Certified combination gas- and oil-burning appliance	Type L vent or chimney (Clauses 8.10.2, 8.12.4)
Combination gas- and solid-fuel-burning appliance	1202°F (650 °C) chimney (Clauses 8.10.2, 8.12.2)
Appliance certified for use with chimneys only	Chimney (Clause 8.12)
Decorative appliance in vented fireplace	Chimney (Clauses 7.23.3 to 7.23.5)
Direct-vent appliance	See Clause 8.10.4
Appliance with integral vent	See Clause 8.10.4
Appliance in commercial and industrial installations	Chimney, ventilating hood, and exhaust system (Clause 8.30)

*See Clause 8.

Δ 8.10.6

An appliance that operates at a positive vent pressure shall not be connected to a venting system serving any other appliance (common vent), except for cases in which all of the following conditions are met:

- (a) All the appliances sharing the vent are of the same type and manufacturer.
- (b) All the appliances are certified by the manufacturer for application in common vent configurations.
- (c) The venting system is sized appropriately by the appliance manufacturer or in accordance with its instructions and as such is considered a *special venting system* as defined in Clause 3.
- (d) The venting components are either supplied or as recommended by the appliance manufacturer.
- (e) A method of flue backflow prevention is present in either the appliance or vent for each appliance and is installed in accordance with the appliance manufacturer's instructions.
- (f) The manufacturer's operation and installation instructions shall include common venting specific instructions.
- (g) The special venting system or unique feature(s) necessary for common venting application shall be in accordance with the applicable ANSI or CSA standards for the specific appliance type, ANSI Z21.13- 2004 and CSA 4.9 being the case for boilers.