

CAN/CSA-B139-00
Installation Code for
Oil-Burning Equipment
A National Standard of Canada
(approved October 2001)

4.3.1.2

A guard shall be installed when required by the conditions of certification.

Note: *Markings on the external vent system indicate whether a guard is required.*

4.3.2 Installation

4.3.2.1

Installation shall be in accordance with the certified installation instructions for that combination of kit and appliance.

4.3.2.2

A vent shall not terminate

- (a) directly above a paved sidewalk or a paved driveway that is located between two buildings, and that serves both buildings;
- (b) less than 2.13 m (7 ft) above any paved sidewalk or any paved driveway;
- (c) within 1.8 m (6 ft) of an openable window, door, or mechanical air supply inlet to any building, including soffit openings;
- (d) above a gas meter/regulator assembly within 1 m (3 ft) of the vertical centreline of the regulator on a horizontal plane perpendicular to the regulator;
- (e) within 1.8 m (6 ft) of any gas service regulator vent outlet or within 1 m (3 ft) of an oil tank vent or an oil tankful inlet;
- (f) less than 0.3 m (1 ft) above grade level;

Note: *The vent should terminate 0.3 m (1 ft) above the anticipated snow level for the location.*

(g) within 1.8 m (6 ft) of any combustion air inlet, unless the appliance is otherwise certified; **Note:** *Exhaust equipment when not operating can inadvertently provide a passage for fumes or products of combustion to leak into a building.*

- (h) within 1.8 m (6 ft) of the property line;
- (i) underneath a veranda, porch, or deck;
- (j) so that the flue gases are directed at combustible material or any openings of surrounding buildings that are within 1.8 m (6 ft);
- (k) less than 1 m (3 ft) from an inside corner of an L-shaped structure;
- (l) so that the bottom of the vent termination opening is less than 0.3 m (1 ft) above any surface that may support snow, ice, or debris; and
- (m) so that the flue gases are directed towards brickwork, siding, or other construction, in such a manner that may cause damage from heat or condensate from the flue gases.

4.3.2.3

Electrical supply to the venting system shall be supplied from the appliance.

4.3.2.4

The venting system shall be installed to facilitate cleanout and removal of parts for examination, repair, or replacement.

4.3.2.5

The minimum and maximum equivalent length of the through-the-wall venting system shall be in accordance with the certified appliance manufacturer's instructions.

4.4 Air for Combustion and Ventilation

Note: *See also Clause 4.1.3.*

4.4.1 General

4.4.1.1

Oil-burning appliances shall be installed only where