

PELLET STOVE GUIDE

These are the minimum requirements to follow if your stove does not have manufacturer's installation instructions. Otherwise please follow manufacturer's installation instructions.

Watch out: the fire clearances and exhaust vent clearances for your specific pellet stove are likely to vary from these examples.

You must follow the installation and fire clearance instructions in the installation manual for your pellet stove as described by its manufacturer.

Failure to follow those instructions risks a fire, injury or worse, death.

Watch out: in fact you need to see the specific vent clearances and other fire clearances given in the installation manual for your specific pellet stove brand and model and for the brand and model of its exhaust vent components if those are produced separately.

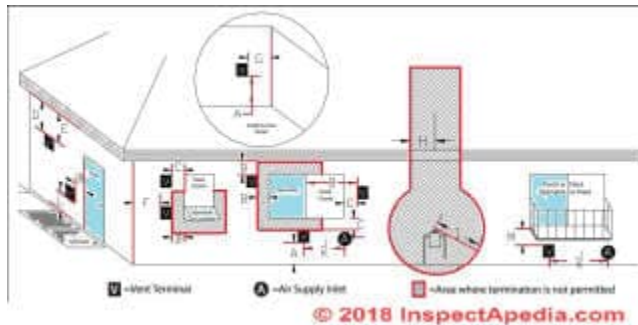
Below are more Pellet Stove exhaust vent clearance details compiled from several installation manuals.

- *The exhaust vent pipe must extend at least 12" (300 mm) out past the exterior wall.*
- *Install a listed horizontal termination cap or if necessary install a 90° elbow and appropriate length of vertical venting.*

A listed vertical vent cap is recommended however (if local codes allow) when the vent terminates several feet above ground level and there are no trees, plants, etc. within several feet a 45° elbow can be used as a termination.

- *The elbow must be turned down to prevent rain from entering*
- *The outside air pipe must terminate above the maximum snow line and below the exhaust vent outlet.*

Pellet Stove Chimney & Vent Clearance Distances, Installation & Operation Manuals



Above: Pellet stove sidewall vent terminal locations and clearance distances including from windows, doors, gas meter, roof eaves and ground surface, adapted from Harman, cited in detail below.

In addition, the following must be observed:

- A. **The clearance above grade** must be a minimum of 12".
- B. **The clearance to a window or door** that may be opened must be a minimum of 48" to the side, 48" below the window/door, 12" above the window/door. (with outside air installed, 9" to side and below)
- C. **A 12" clearance to a permanently closed window** is recommended to prevent condensation on the window.
- D. **The vertical clearance to a ventilated soffit** located above the terminal within a horizontal distance of 2 feet (60 cm) from the centerline of the terminal must be a minimum of 18".
- E. **The clearance to an unventilated soffit** must be a minimum of 12".
- F. **The clearance to an outside corner** is 11" from center of pipe.
- G. **The clearance to an inside corner** is 12".
- H. **A vent must not be installed within 3 feet (90 cm) above a gas meter/regulator assembly** when measured from the horizontal centerline of the regulator.
- I. **The clearance to service regulator vent outlet** must be a minimum of 6 feet.
- J. **The clearance to a non-mechanical air supply inlet to the building** or the

combustion air inlet to any other appliance must be a minimum of 48”.

K. The clearance to a mechanical air supply inlet must be a minimum of 10 feet. (with outside air installed, 6 feet)

L. The clearance above a paved sidewalk or a paved driveway located on public property must be a minimum of 10 feet.

M. The clearance under a veranda, porch, deck, or balcony must be a minimum of 12 inches. (B. also)

N. When installing a pellet stove, it must sit on a non-combustible floor at least ½ inch thick and extend at least 6 inches beyond the front, back and sides of the stove. It should also extend under the vent pipe.

NOTE: The clearance to vegetation and other exterior combustibles such as mulch is 36” as measured from the center of the outlet or cap. This 36” radius continues to grade.

*****A vent shall not terminate directly into a shared breezeway, side-walk, or paved driveway** which is located between two single family dwellings and serves both dwellings. **EXCEPTION: YOU MUST HAVE AT LEAST A 10 FEET CLEARANCE BETWEEN NEIGHBORING STRUCTURES IN ORDER TO VENT DIRECTLY BETWEEN TWO PROPERTIES.** Only permitted if veranda, porch, deck, or balcony is fully open on a minimum of 2 sides beneath the floor.