

# Stove and Vent Clearance Requirements

## Minimum Clearances from the Stove to Combustibles: See figs. 2-4.

- Rear: 2" (51 mm)
- Ceiling: 32 3/4" (831 mm)
- Corner: 2" (51 mm)
- Right Side: 3" (76 mm)
- Left Side: 10" (254 mm) - for access to Lighting Instruction plate

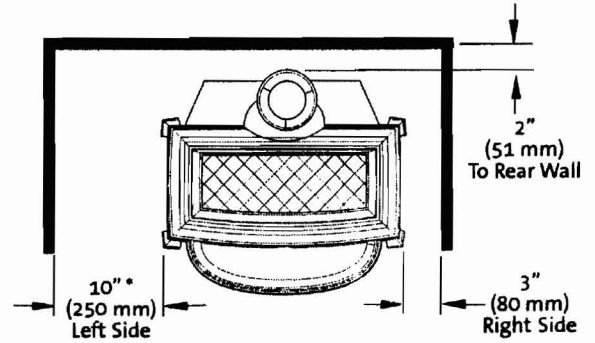
## Minimum Clearances from the Vent Pipe to Combustibles:

### Horizontal Run:

- Off the top of the pipe 2" (50 mm)
- Off the sides and bottom 1" (25 mm)

### Vertical Run:

- All sides 1" (25 mm)



\* Allow 10" on left side of the appliance for complete access to the lighting instructions and control valve.

Figure 3. Parallel Installation Clearances.

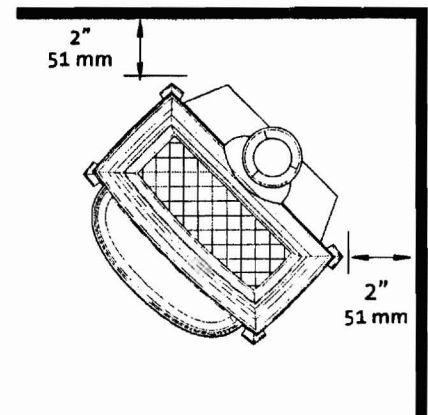


Figure 4. Corner Clearances.

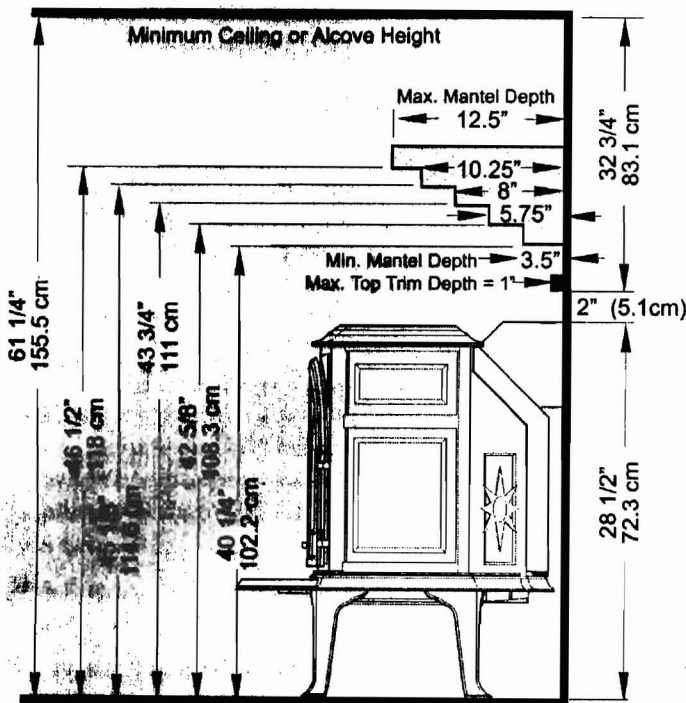


Figure 2. Mantel and Trim Clearance specifications. Subtract 2 1/4" with Short Legs.

## Alcove Installation

- Maximum Alcove Depth: 24" (61 cm)
- Minimum Alcove Width: 38 3/4" (98.4 cm)
- Minimum Ceiling Height: 61 1/4" (155.5 cm)
- With Short Legs (6") : 59" (149.8 cm)

## Horizontal Termination

- Any horizontal termination must fall within the shaded portion of the vent window graph illustrated in figs. 9 or 11. For Snorkel Terminations, see below.
- Any horizontal termination except a snorkel termination, must include:
  - 1) Minimum rise of 2 ft.
  - 2) Maximum rise of 35 ft.
  - 3) Maximum horizontal run of 27 ft.
  - 4) No more than four 45° or two 90° Elbows
- Follow all termination clearance guidelines as specified in fig. 19.
- The horizontal termination cap must maintain a 3" clearance to any overhead combustible projections 2 1/2" or less. It must also maintain 12" clearance from projections exceeding 2 1/2". See fig. 20.
- Wall Cut-out Opening: A minimum 10" X 10" (250 mm x 250 mm) square hole is required for proper pipe clearances through a combustible wall. Use a listed wall thimble for the wall penetration.
- DO NOT FILL AIR SPACE WITH ANY TYPE OF INSULATION.**
- Any horizontal run of vent must have a 1/4" rise for every foot of run toward the termination cap. NEVER ALLOW THE VENTING TO RUN DOWNWARD FROM STOVE TO TERMINATION; DOWNWARD VENT RUNS TRAP HEAT AND CAUSE HIGH TEMPERATURES TO DEVELOP WITHIN THE VENT THAT COULD START A FIRE.
- Install a Vinyl Siding Standoff between the vent termination and an exterior wall covered by vinyl siding material to prevent potential heat damage to the siding.
- Do not recess the termination cap into a wall or siding.

## Snorkel Terminations

- THE AIRFLOW RESTRICTOR MUST BE SET FULLY OPEN FOR A SNORKEL TERMINATION. See Fig. 6, pg. 9.
- With a 14" Snorkel:  
The maximum horizontal run made directly off the rear of the stove to the snorkel cap should include no more than one 12" straight section as shown in fig. 17. One additional 45° Elbow may be used for a corner installation as shown in fig. 18.
- With a 36" Snorkel:  
The maximum horizontal run may be no more than 6 ft. (183 cm). One additional 45° Elbow may be used for a corner installation as shown in fig. 18.

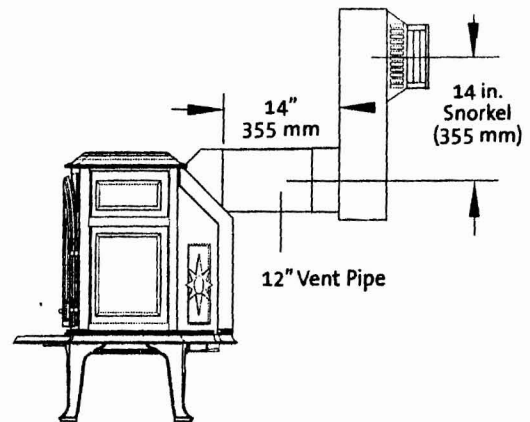


Figure 16. Maximum Horizontal Run directly off rear of stove with 14" Snorkel Termination.

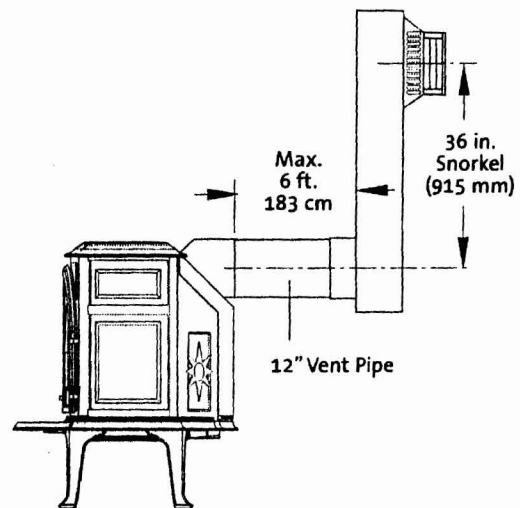


Figure 17. Maximum Horizontal and Vertical Run with 36" Snorkel Termination.

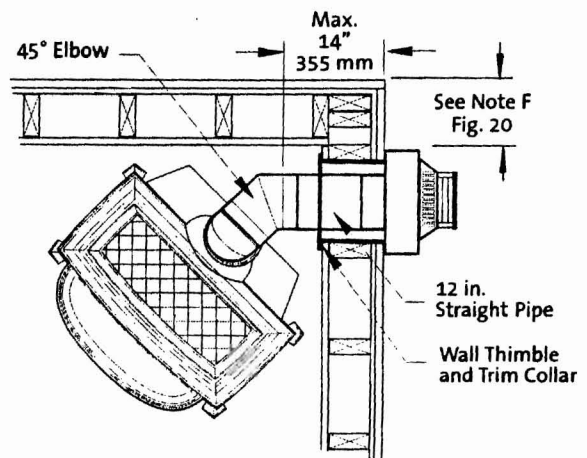


Figure 18. Corner Installation with 14" Snorkel Termination.

## Horizontal Termination Clearance

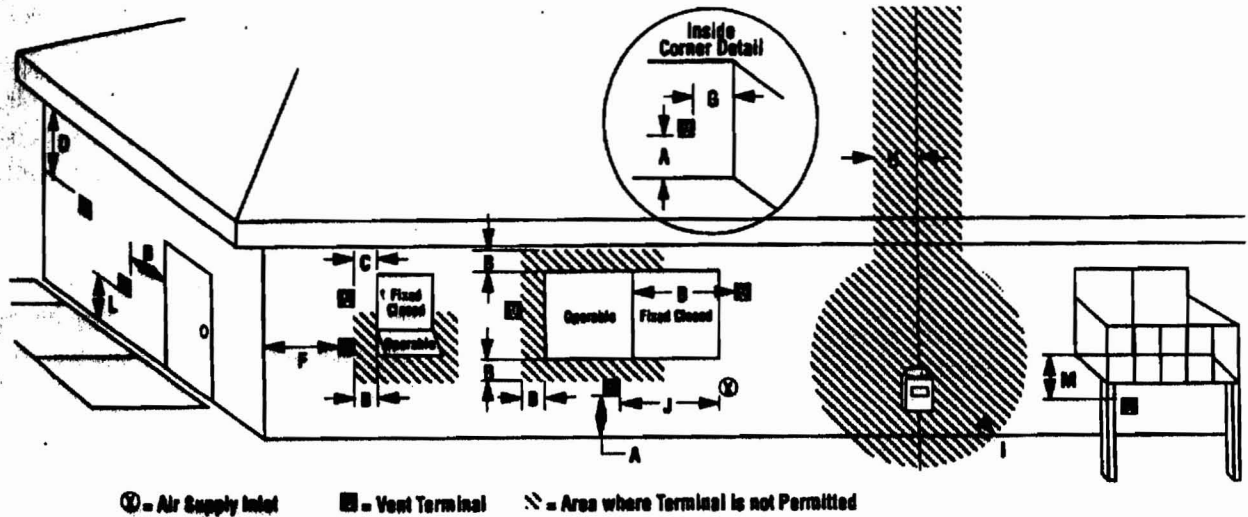


Figure 19. Vent Terminal Clearances - National Fuel Gas Code.

**A = Clearance above grade, veranda, porch, deck, or balcony: \*12 inches (30 cm) minimum.**

**B = Clearance to window or door that may be opened: 9 inches (23 cm) minimum. We recommend 12 inches (30 cm) minimum to help prevent condensation.**

**C = Clearance to permanently closed window: 9 inches (23 cm) minimum. We recommend 12 inches (30 cm) minimum to help prevent condensation on the window.**

**D = Vertical clearance to ventilated soffit located above the terminal with a horizontal distance of 2 feet (60 cm) from the centerline of the terminal: 18 inches (46 cm) minimum.**

**E = Clearance to unventilated soffit: 12 inches (46 cm) minimum.**

**F = Clearance to outside corner: 9 inches (23 cm) min. Jøtul N.A. strongly recommends 12 inches (30 cm), particularly where windy conditions are prevalent.**

**G = Clearance to inside corner: 6 inches (16 cm) minimum. Jøtul N.A. strongly recommends 12 inches (30 cm), particularly where windy conditions are prevalent.**

**H = \*Not to be installed above a meter/regulator assembly within 3 feet (90 cm) horizontally from the centerline of the regulator.**

**I = Clearance to service regulator vent outlet: 6 feet (1.8 m)**

**J = Clearance to mechanical air supply inlet to building or any other appliance: \*12 inches (30 cm) minimum.**

**K = Clearance to a mechanical air supply inlet: \*6 feet (1.8 m) minimum.**

**L = \*\* Clearance above paved sidewalk or a paved driveway located on public property: \*7 feet (2.1 m) min.**

**M = Clearance under veranda, porch, deck, or balcony: \*12 inches (30 cm) minimum.<sup>1</sup>**

**\* As specified in CGA B149 Installation Codes. Note: Local Codes and Regulations may require different clearances.**

**\*\* A vent shall not terminate directly above a sidewalk or driveway which is located between two single family dwellings and serves both dwellings.\***

**<sup>1</sup> Only permitted if veranda, porch, deck, or balcony, is fully open on a minimum of two sides beneath the floor.\***

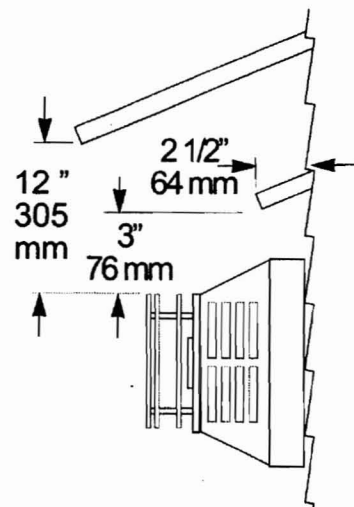


Figure 20. Termination Clearance to overhangs

14-25

March 16, 1979

Ilma G. Napolitano & Heirs  
208 Eastern Promenade  
Portland, Maine

Re: 208 Eastern Promenade

Upon inspecting the dwellings at the Eastern Promenade, we discovered that you have increased the occupancy of this apartment house. Our records and those of the Assessor's department show this as a three family apartment house.

1. It is necessary that someone apply for a change of use permit with alterations from 3 to 5 or 6 or whatever the increase is to be, not later than March 23, 1979.
2. Permits for Electrical and Plumbing are required.
3. A belated demolition permit will be required for the garage that has been demolished.
4. A belated fee of \$25.00 will be paid in addition to all other permits.
5. A set of floor plans must be submitted with the application. The plans should show the alterations, the layout of each apartment and the exits. Any windows relocated and increased in size, including sliding glass doors, if any, are to be installed.
6. A plot plan is required which must show the location of the dwelling. The dimensions of the side yards, front and rear - Sec. 602.22.D
7. Eight spaces 9'x19' must be provided for off street parking. Sec. 602.14.