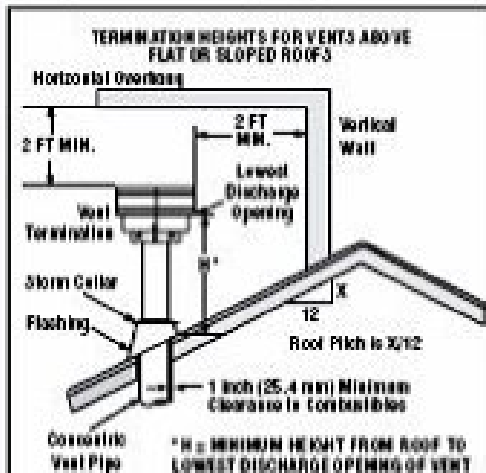


VENT TERMINATION CLEARANCES

These instructions should be used as a guideline and do not supersede local codes in any way. Install vent according to local codes, these instructions, the current National Fuel Gas Code (ANSI-Z223.1) in the USA or the current standards of CAN/CGA-8149.1 and -8149.2 in Canada.

Vertical Vent Termination Clearances

Terminate single vent caps relative to building components according to *Figure 4*.



The vent / air intake termination clearances above the high side of an angled roof is as shown in the following chart:

Termination Heights For Vents Above Flat Or Sloped Roofs Ref. NFPA 54 /ANSI Z223.1, 7.6		
Roof Pitch	* Feet	* Meters
Flat to 6/12	1.0	0.3
6/12 to 7/12	1.25	0.38
7/12 to 8/12	1.5	0.46
8/12 to 9/12	2.0	0.61
9/12 to 10/12	2.5	0.76
10/12 to 11/12	3.25	0.99
11/12 to 12/12	4.0	1.22

Figure 4

Terminate multiple vent terminations according to the installation codes listed at the top of this Page.

Horizontal Vent Termination Clearances

The horizontal vent termination must have a minimum of 3" (76 mm) clearance to any overhead combustible projection of 2-1/2" (64 mm) or less. See *Figure 5*. For projections exceeding 2-1/2" (64 mm), see *Figure 5*. For additional vent location restrictions refer to *Figure 8* on *Page 7*.

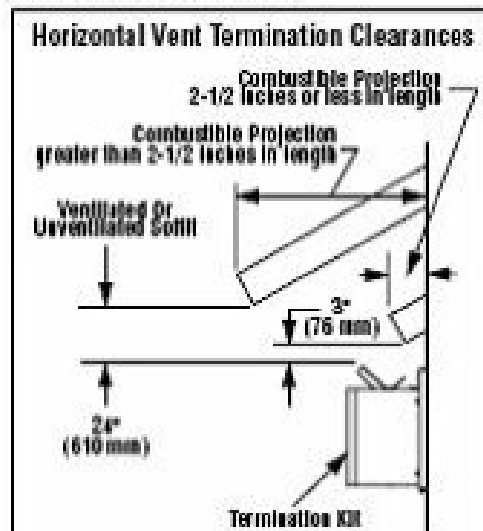
TYPICAL INSTALLATION SEQUENCE

The typical sequence of installation follows, however, each installation is unique resulting in variations to those described.

See the Page numbers references in the following steps for detailed procedures.

Step 1. (*Page 6*) Construct the appliance framing. Position the appliance within the framing and secure with nailing brackets.

Step 2. (*Page 6*) Route gas supply line to the right side of the appliance.



See *Figure 27* on *Page 16* for recess allowances, into exterior walls, of the square horizontal terminations.

Figure 5 - Side Elevation View

Step 3. (*Page 10*) Install the vent system and exterior termination.

Step 4. (*Page 19*) Field Wiring

a. Millivolt and Electronic Appliances - The operating control switch is factory installed.
b. Electronic Appliances - Connect 120 Vac electrical power to the appliance receptacle.

Step 5. (*Page 20*) Remove glass door frame assembly.

Step 6. (*Page 20*) Make connection to gas supply.

Step 7. (*Page 20*) Install ceramic panels, logs and glowing embers.

Step 8. (*Page 21*) Checkout appliance operation.

Step 9. (*Page 21*) Install glass door frame assembly.

Step 10. (*Page 21*) Adjust burner to ensure proper flame appearance.

DETAILED INSTALLATION STEPS

The appliance is shipped with all gas controls and components installed and pre-wired. Remove the shipping carton, exposing the front glass door. Using a Phillips screwdriver, unfasten two (2) screws located at the top of the glass frame (see *Figure 37*). Tilt the top of the glass frame away from the unit. Lift it carefully off the bottom door track and set the door aside, protecting it from inadvertent damage.

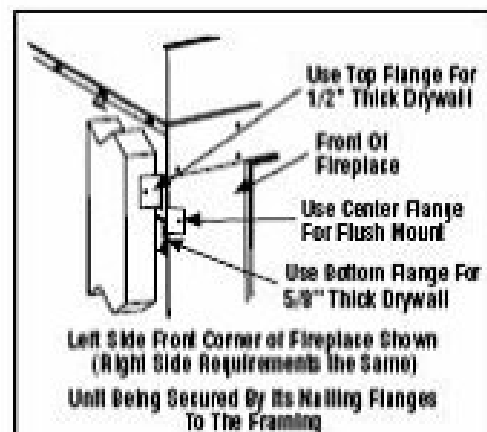
Step 1. FRAMING

Frame these appliances as illustrated in *Figure 9* on *Page 8*, unless the appliance is to be installed in a corner. See *Figure 10* on *Page 8* for corner framing installations. All framing details must allow for a minimum clearance to combustible framing members as shown in *Table 5* on *Page 5*.

the appliance is to be elevated above floor level, a solid continuous platform must be constructed.

Headers may be in direct contact with the appliance top spacers but must not be supported by them or notched to fit around them. All construction above the appliance must be self supporting. DO NOT use the appliance for structural support.

The fireplace should be secured to the side framing members using the unit's nailing flanges - one top and bottom on each side of the fireplace front. See *Figure 6*. Use 8d nails or their equivalent.



Note: The nailing flanges, combustible members and screw heads located in areas directly adjacent to the nailing flanges, are EXEMPT from the 1/2" clearance to combustible requirements for the firebox outer wrapper. Combustible framing may be in direct contact with the nailing flanges and may be located closer than 1/2" from screw heads and the firebox wrapper in areas adjacent to the nailing flanges. Frame the opening to the exact dimensions specified in the framing details of this manual.

Unit Being Secured by Its Nailing Flanges to the Framing

Figure 6

Step 2. ROUTING GAS LINE

Route a 1/2" (13 mm) gas line along the inside of the right side framing as shown in *Figure 7*. Gas lines must be routed, constructed and made of materials that are in strict accordance with local codes and regulations. All appliances are factory-equipped with a flexible gas line connector and 1/2 inch shutoff valve. (See *Step 5* on *Page 20*).

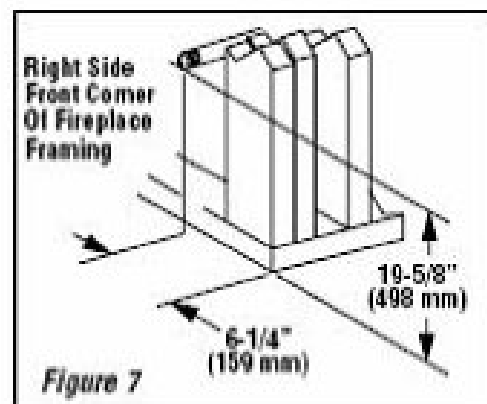


Figure 7