

TOWN OF GROVELAND  
LIVINGSTON COUNTY, NEW YORK  
**APPLICATION FOR SOLID FUEL APPLIANCE**

Date: \_\_\_\_\_

**1. Applicant ( Please Print or Type)**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_

**2. Property Owner ( Please Print or Type )**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_

Address where work will be done: \_\_\_\_\_ Tax Map #: \_\_\_\_\_

Instructions:

1. This application is to be filled in by typewriter or in ink and submitted in duplicate to the Code Enforcement Officer.
2. Application must be approved and signed by the Code Enforcement Officer before work can begin.
3. It is the responsibility of the owner or contractor to call for inspections at least 24 Hours ahead of time.  
All installations will follow this inspection schedule:
  - A. Chimney: as it is being installed or constructed and before stove is connected.
  - B. When installation is complete-before fire is started.
4. All installations will follow the manufacturer's instructions, or N.F.P.A. Rules.
5. All clearances will be maintained, any change will need the approval of the Code Enforcement Officer.
6. Failure to follow these instructions or to have the inspections made could result in a fine, not to exceed \$250.00 per violation.
7. A Certificate of Compliance, C of C , will be issued when installation has been inspected and approved.
8. The Local Government nor Code Enforcement Officer having jurisdiction, shall not be responsible for any claim or cause of action for damages that may arise because of the issuance of the Certificate of Compliance.

**APPLICATION IS HEREBY MADE** to the Code Enforcement Officer for the issuance of a Solid Fuel Appliance Permit, pursuant to the N.Y.S.U.F.P. and Building Code in the Town of Groveland for the installation of a chimney, wood-coal stove, fireplace, furnace, fireplace insert, or pellet stove herein described. I agree to comply with all applicable laws, ordinances, and regulations.

**Check the Following:**

1. New Chimney Yes \_\_\_\_\_ No \_\_\_\_\_ or Existing Chimney Yes \_\_\_\_\_ No \_\_\_\_\_
2. Type of Chimney: Metal \_\_\_\_\_ or Masonry \_\_\_\_\_
3. Type of Appliance: Stove \_\_\_\_\_ Fireplace \_\_\_\_\_ Furnace \_\_\_\_\_ Fireplace Insert \_\_\_\_\_ Pellet Stove \_\_\_\_\_
4. More than one? Yes \_\_\_\_\_ No \_\_\_\_\_ If Yes, How Many? \_\_\_\_\_
5. Name, Address, and Phone Number of Contractor: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Phone: \_\_\_\_\_

Date Certificate of Compliance issued \_\_\_\_\_

\_\_\_\_\_  
Date Code Enforcement Officer

Fee: \_\_\_\_\_

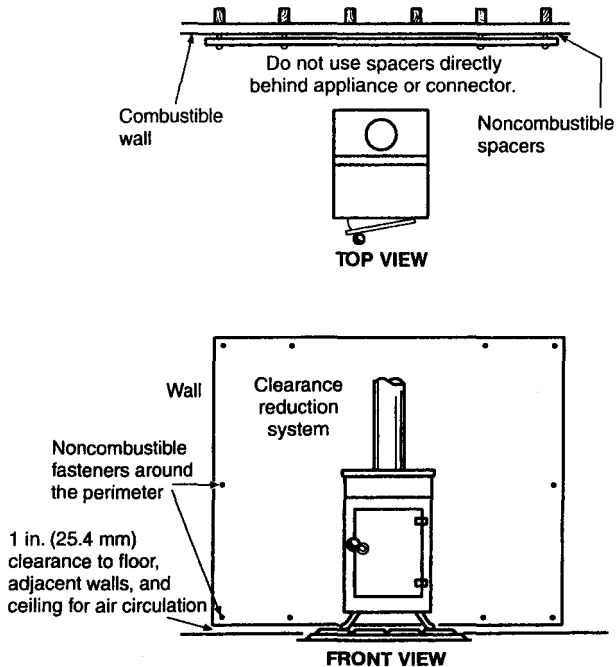


FIGURE 12.6.2.1(a) Clearance Reduction System — Fastener Location.

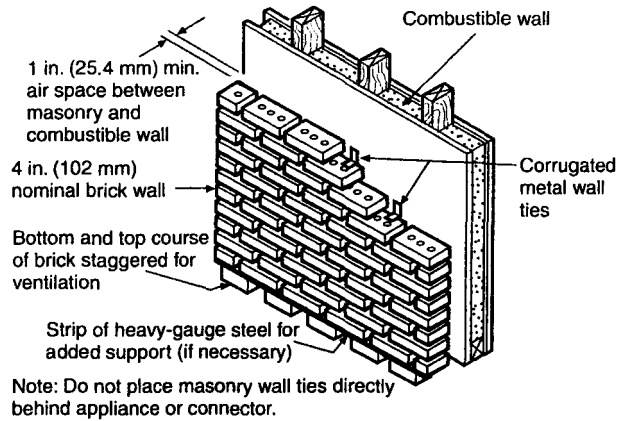
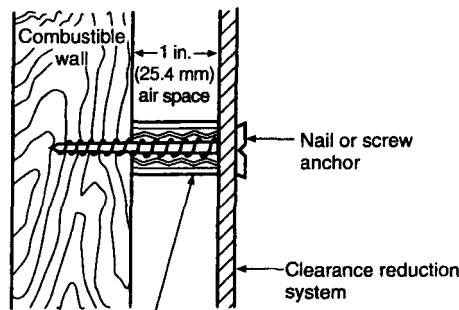
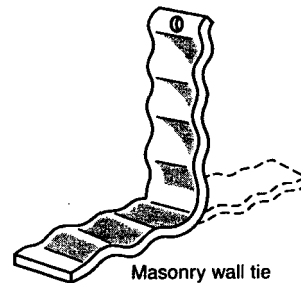


FIGURE 12.6.2.1(c) Masonry Clearance Reduction System.



1 in. (25.4 mm) noncombustible spacer such as stacked washers, small-diameter pipe, tubing, or electrical conduit

Notes:

- (1) Masonry walls can be attached to combustible walls using wall ties.
- (2) Do not use spacers directly behind appliance or connector.

FIGURE 12.6.2.1(d) Fastener Detail.

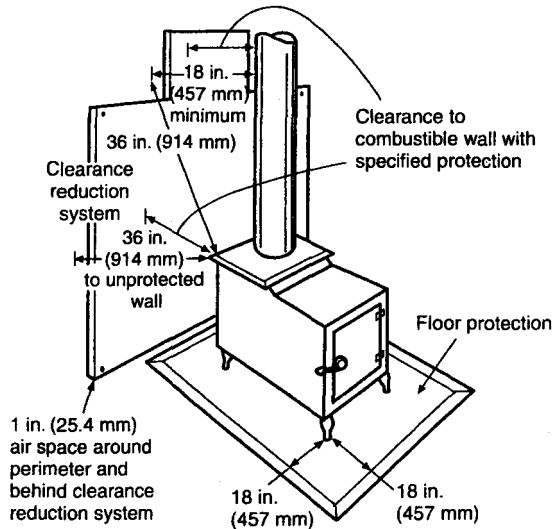


FIGURE 12.6.2.1(b) Distance to Combustible Wall/Floor.

12.6.2.1.8 There shall be at least 1 in. (25.4 mm) between the appliance and the protector. In no case shall the clearance between the appliance and the wall surface be reduced below that allowed in Table 12.6.2.1.

12.6.2.1.9 Clearances in front of the loading door, ash removal door, or both of the appliance shall not be reduced from those in Section 12.5.

12.6.2.2 Clearances from solid fuel-burning appliances to combustible material shall be permitted to be reduced, provided the

combustible material is protected by an engineered protection system acceptable to the AHJ.

12.6.2.2.1 Engineered systems installed for the protection of combustible material shall reduce the temperature of such materials to 90°F (50°C) rise above ambient.

12.6.2.2.2 System design shall be based on applicable heat transfer principles, taking into account the following:

- (1) The geometry of the system

Table 12.6.1 Standard Clearances for Solid Fuel-Burning Appliances

Type of Appliance	Above Top of Casing or Appliance; Above Top and Sides of Furnace Plenum or Bonnet		From Front		From Back <sup>a</sup>		From Sides <sup>a</sup>	
	in.	mm	in.	mm	in.	mm	in.	mm
<i>Residential Appliances</i>	6	152	48	1219	6 <sup>b</sup>	152 <sup>b</sup>	6 <sup>b</sup>	152 <sup>b</sup>
Steam boilers — 15 psi (103 kPa)								
Water boilers — 250°F (121°C) max.								
Water boilers — 200°F (93°C) max.								
All water walled or jacketed appliances								
<i>Furnaces</i>								
Gravity and forced air <sup>c</sup>	18	457	48	1219	18	457	18	457
<i>Room Heaters, Fireplace Stoves, Room Heater/Fireplace Stove Combinations, Ranges</i>	36	914	36	914	36	914	36	914
Lined fire chamber	30 <sup>d</sup>	762 <sup>d</sup>	36	914	Firing Side 24 610		Opposite Side 18 457	
Unlined fire chamber	30 <sup>d</sup>	762 <sup>d</sup>	36	914	36 914		18 457	

<sup>a</sup> Provisions for fuel storage shall be located at least 36 in. (914 mm) from any side of the appliance.

<sup>b</sup> Adequate clearance for cleaning and maintenance shall be provided.

<sup>c</sup> For clearances from air ducts, see NFPA 90B, *Standard for the Installation of Warm Air Heating and Air-Conditioning Systems*.

<sup>d</sup> Clearance to combustible material or metal cabinets. If the underside of such combustible material or metal cabinet is protected with sheet metal of not less than 24 gauge [0.024 in. (0.61 mm)], spaced out 1 in. (25.4 mm), the distance shall be permitted to be reduced to not less than 24 in. (610 mm).

Table 12.6.2.1 Reduction of Appliance Clearance with Specified Forms of Protection

Clearance Reduction Applied to and Covering All Combustible Surfaces Within the Distance Specified as Required Clearance with No Protection*	Maximum Allowable Reduction in Clearance (%)		Minimum Clearance			
	As Wall Protector	As Ceiling Protector	As Wall Protector		As Ceiling Protector	
			in.	mm	in.	mm
(a) 3½ in. (90 mm) thick masonry wall without ventilated air space	33	—	24	610	—	—
(b) ½ in. (13 mm) thick noncombustible insulation board over 1 in. (25.4 mm) glass fiber or mineral wool batts without ventilated air space	50	33	18	457	24	610
(c) 0.024 in. (0.61 mm), 24 gauge sheet metal over 1 in. (25.4 mm) glass fiber or mineral wool batts reinforced with wire or equivalent on rear face with ventilated air space	66	50	12	305	18	457
(d) 3½ in. (90 mm) thick masonry wall with ventilated air space	66	—	12	305	—	—
(e) 0.024 in. (0.61 mm), 24 gauge sheet metal with ventilated air space	66	50	12	305	18	457
(f) ½ in. (13 mm) thick noncombustible insulation board with ventilated air space	66	50	12	305	18	457
(g) 0.024 in. (0.61 mm), 24 gauge sheet metal with ventilated air space over 0.024 in. (0.61 mm), 24 gauge sheet metal with ventilated air space	66	50	12	305	18	457
(h) 1 in. (25.4 mm) glass fiber or mineral wool batts sandwiched between two sheets 0.024 in. (0.61 mm), 24 gauge sheet metal with ventilated air space	66	50	12	305	18	457

## Notes:

(1) All clearances and thicknesses are minimums; larger clearances and thicknesses are permitted.

(2) To calculate the minimum allowable clearance, the following formula can be used:  $C_p = C_{un} \times [1 - (R/100)]$ , where  $C_p$  is the minimum allowable clearance,  $C_{un}$  is the required clearance with no protection, and  $R$  is the maximum allowable reduction in clearance.

(3) Refer to Figure 12.6.2.1 (e) and Figure 12.6.2.1 (f) for other reduced clearances using materials found in this table.

\*See 12.6.1 through 12.6.1.3.