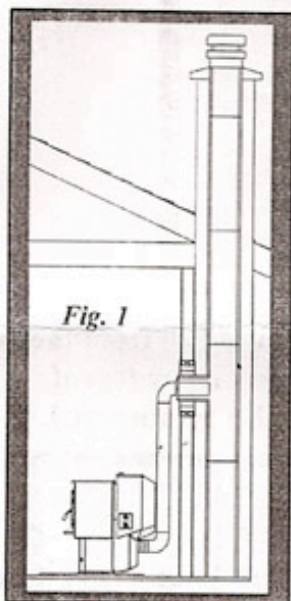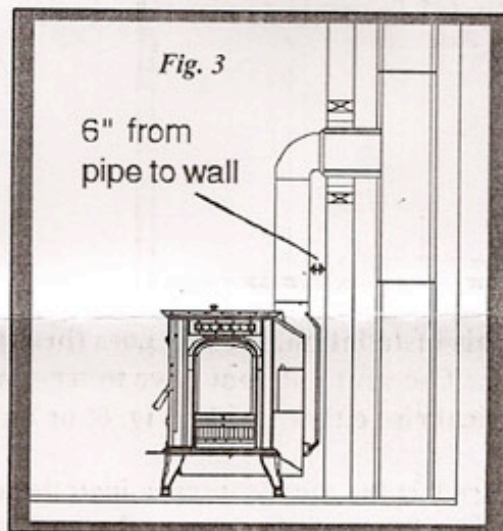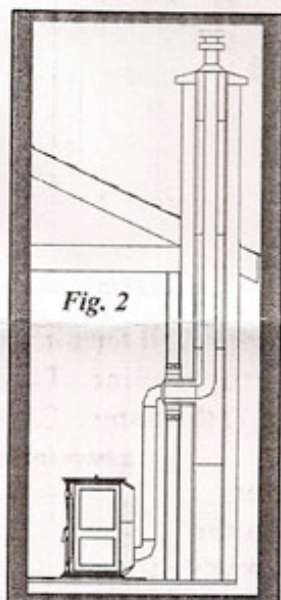# Common Pellet Stove Venting Configurations

NOTE: This Common Pellet Stove Venting Configurations handout does not include all the requirements that may be necessary for a particular venting application. Refer to your local building codes or the Harman Stove Installation & Operating Manual that is included with each stove for specific requirements. Contact your Authorized Harman dealer for more information about venting and local codes requirements.

Fig. 1

Fig. 2

Fig. 3

6" from pipe to wall

Venting into a masonry chimney: Fig. 1 terminates the pellet vent in the thimble / Fig. 2 uses a full liner to the top

Harman's XXV's Top Vent Kit in Figure 3 showing 6" stovepipe venting into a masonry chimney
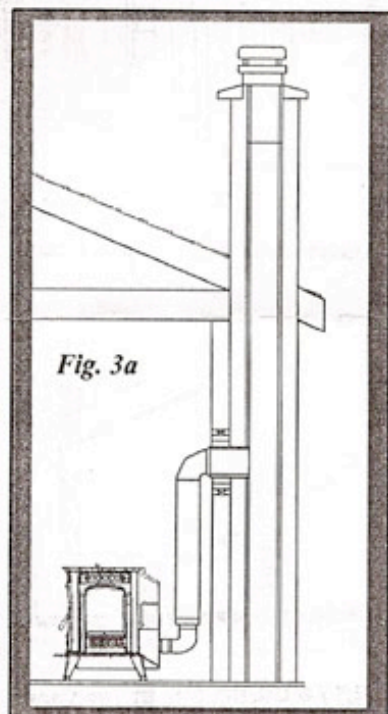

Fig. 3a

Fig. 4

Fig. 5

Figure 3a: 6" or 8" single or double wall stovepipe (welded seam or hammerlock seam only) in combination with 3" or 4" pellet vent is used to connect to a Class A or masonry chimney – XXV model only.
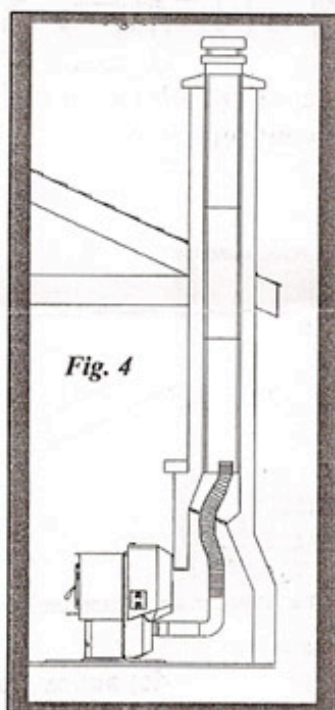
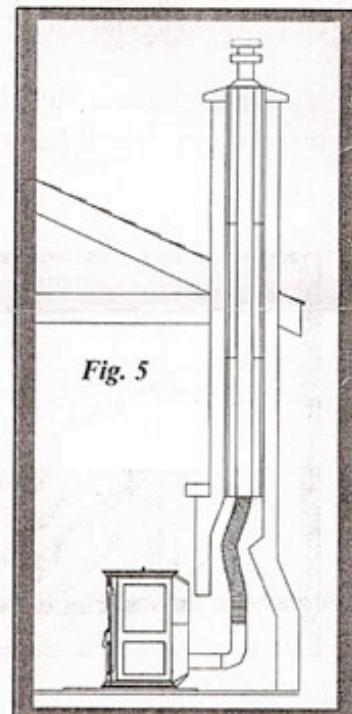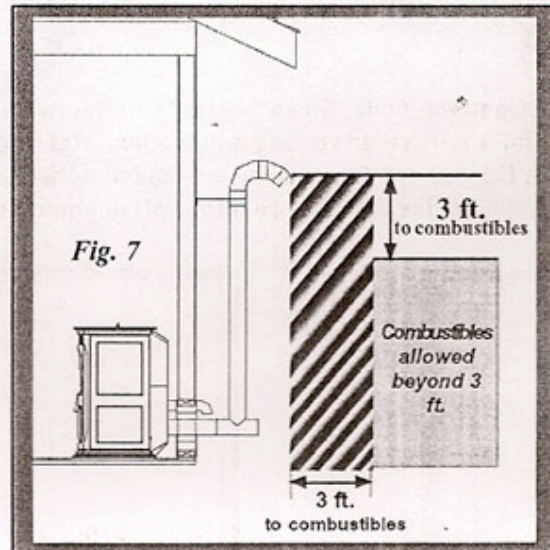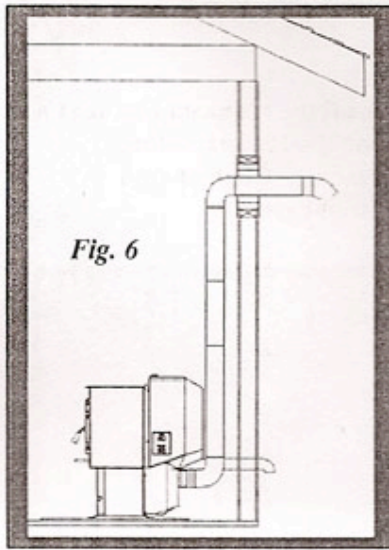Figure 4: Venting in a masonry fireplace terminating into the first tile liner

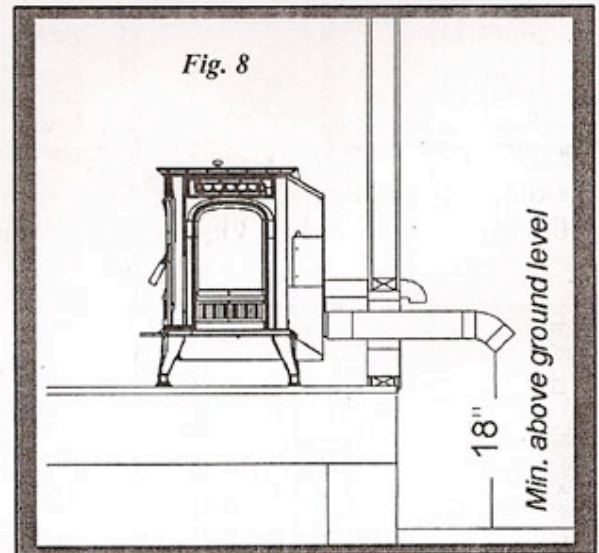Figure 5: Venting in a masonry fireplace using a full liner to the top

Common Pellet Stove Venting Configurations

Fig. 6

Fig. 7

3 ft.
to combustibles

Combustibles
allowed
beyond 3
ft.

3 ft.
to combustibles

In this installation, venting goes through an exterior wall terminating a minimum of 12" from the wall. The vent does not have to terminate above the roofline. This installation uses a few feet of vertical rise either inside (Fig. 6) or outside (Fig. 7) the home. Clearances must also be observed.

Figure 8 is the most common installation for pellet stoves. The vent pipe passes through a thimble in the outside wall and terminates a minimum of 12" away from the wall. Outside air is recommended with this venting configuration to reduce smoke and creosote smell in the event of a power failure. *With an outside kit, clearances from the vent termination to windows or doors can be reduced from 4 feet to 18 inches.*

You must have a 36" clearance to combustibles such as mulch, grass, and leaves from the vent termination.

Fig. 8

18" Min. above ground level

Fig. 9

12" min. wall to outlet

36" min clearance to any combustible material

Shaded area represents the minimum clearance to combustible materials such as shrubery, mulch or tall grasses.
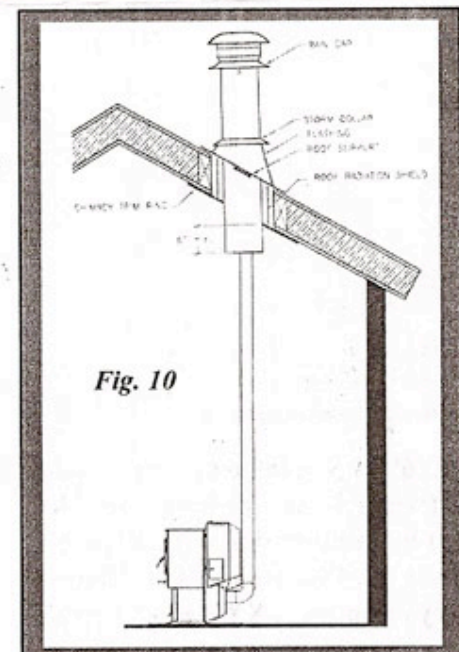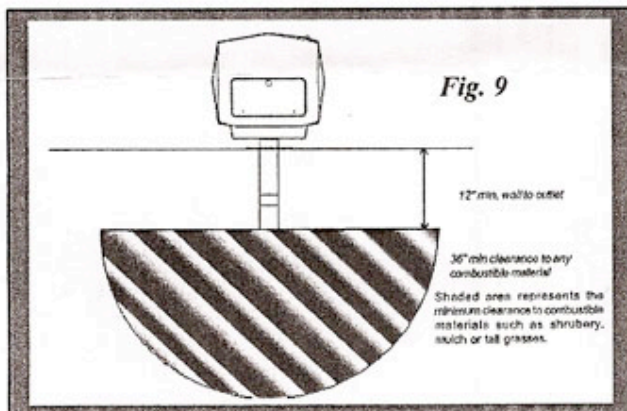

Fig. 10

Figure 10: In this installation the venting is vertical using pellet vent and transitions to the 6" or 8" Class A chimney. If venting exceeds fifteen feet (15'), 4" pellet vent should be used.