

# Installation of Auxiliary Air Chamber

**Tools Required:**

Screwdriver  
Hammer

**Hardware Included:**

Screws

**Refer to Figure 1**

1. Install 2 each No. 10 x 5/8" PPHSMS in top two holes of fume hood front frame, both sides. Leave approximately 1/8" to 3/16" from face of frame to back of screw heads.

**Refer to Figure 2**

2. Lift air chamber up and hook lower set of keyhole slots over screws installed in Step 1. Tighten screws and install two additional No. 10 x 5/8" screws in lower two mounting holes.

**Refer to Figure 3**

3. Lift auxiliary air piping for sill supply up and into elbow on side of chamber. Secure with one No. 10 x 3/8" PPHSMS. Repeat for opposite side.

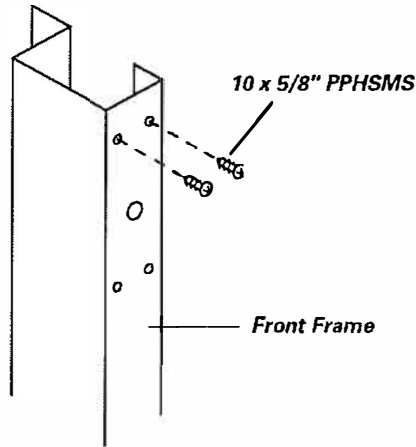


Figure 1

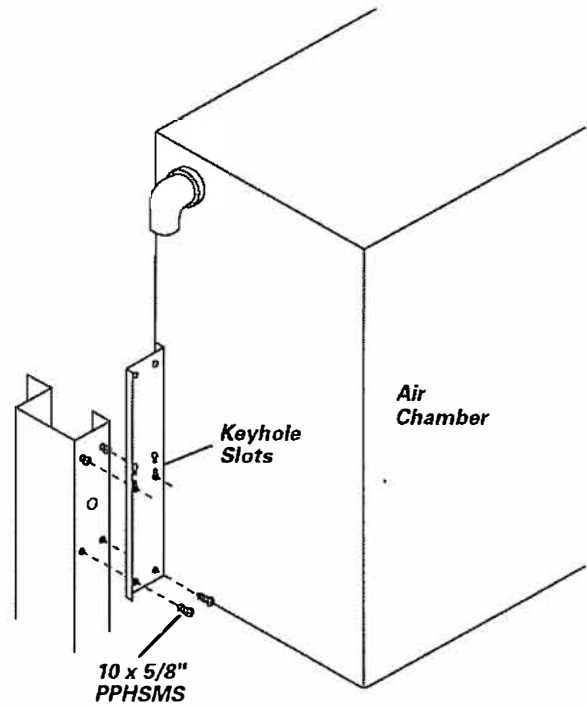


Figure 2

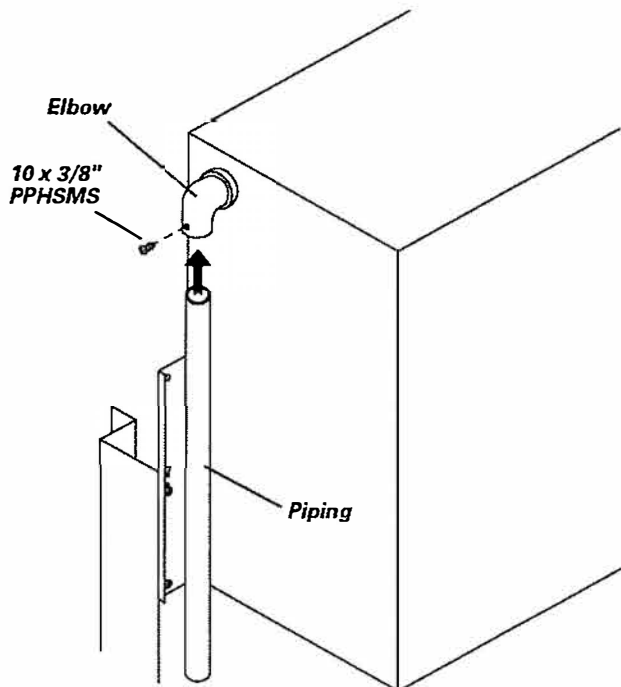


Figure 3

## Installation of Auxiliary Air Chamber (continued)

### Refer to Figure 4

4. Install right hand and left hand end fillers by sliding down between front access posts and air chamber. Fasten in place with No. 8 x 5/8" PPHSMS, two each side.

### Refer to Figure 5

5. Install sash enclosure by placing behind air chamber and engaging front top flange into offset angle on back of air chamber.

### Refer to Figure 6

6. Install louver panel by hooking holes in top flange of panel onto studs on inside of air chamber. Secure in place with No. 8 x 5/8" PPHSMS, One each side, and one at the top of the louver panel on 5 foot thru 8 foot hoods.

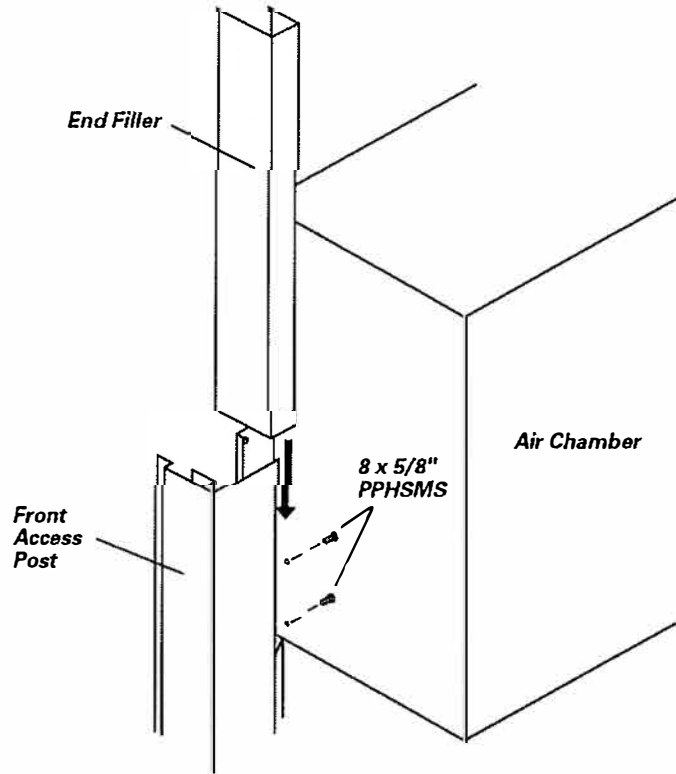


Figure 4

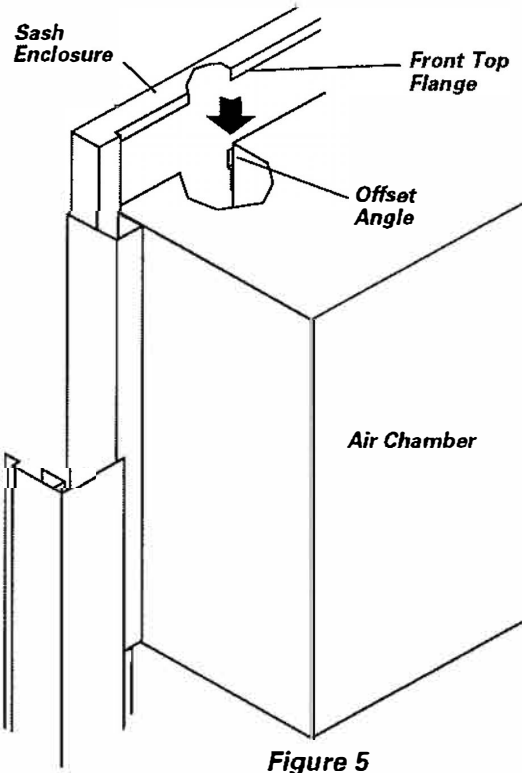


Figure 5

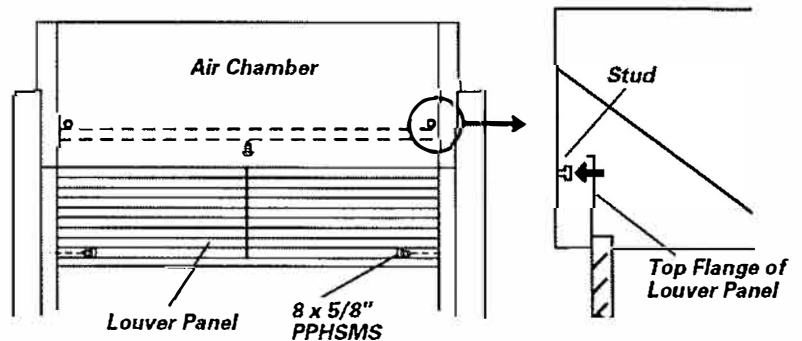


Figure 6