

WARNOCK HERSEY INSTALLATION INSTRUCTIONS CEILING DAMPERS MODELS CFD(R)2W, CFD(R)3W, CFD(R)3.5W, CFD4W

APPLICATION

Models CFD(R)2W, CFD(R)3W, CFD(R)3.5W and CFD4W ceiling fire dampers are designed and Warnock Hersey tested for installation in wood truss with gypsum ceiling applications.



California State Fire Marshal
Listing No. 3225-245:101

GENERAL INSTRUCTIONS

1. Maximum opening size in the ceiling membrane equals the maximum size of the ceiling fire damper.
2. The opening in the ceiling membrane may be up to one inch larger than the size of the ceiling fire damper.
3. Measure the actual spacing between the wood framing members and cut the vertical leg of the mounting angles to length plus 6 inches. Two mounting angles are required. Fold up 3 inches at 90° at both ends of the mounting angle and attach it to the wood frame with minimum of 2 each #6 penny nails or #8 screws.
4. The damper is attached to the mounting angle by sheet metal screws. A minimum of 2 screws per angle is required for rectangular dampers and a minimum of 1 screw per angle for round dampers.
5. On the sides opposite the retaining angles, a three inch long mounting clip is required. Make attachments as shown in figure 1. Make 2 attachments per mounting clip for rectangular dampers and 1 attachment per mounting clip for round dampers. The bottom leg of mounting clip rests on the ceiling material.

Notes:

1. Figures 2 and 3 (page 2) show top views of a rectangular and round damper installation, respectively.
2. Figure 4 shows the "through penetration" installation of a damper in a galvanized steel sleeve which extends three inches above and below the rated ceiling.

FIGURE 1

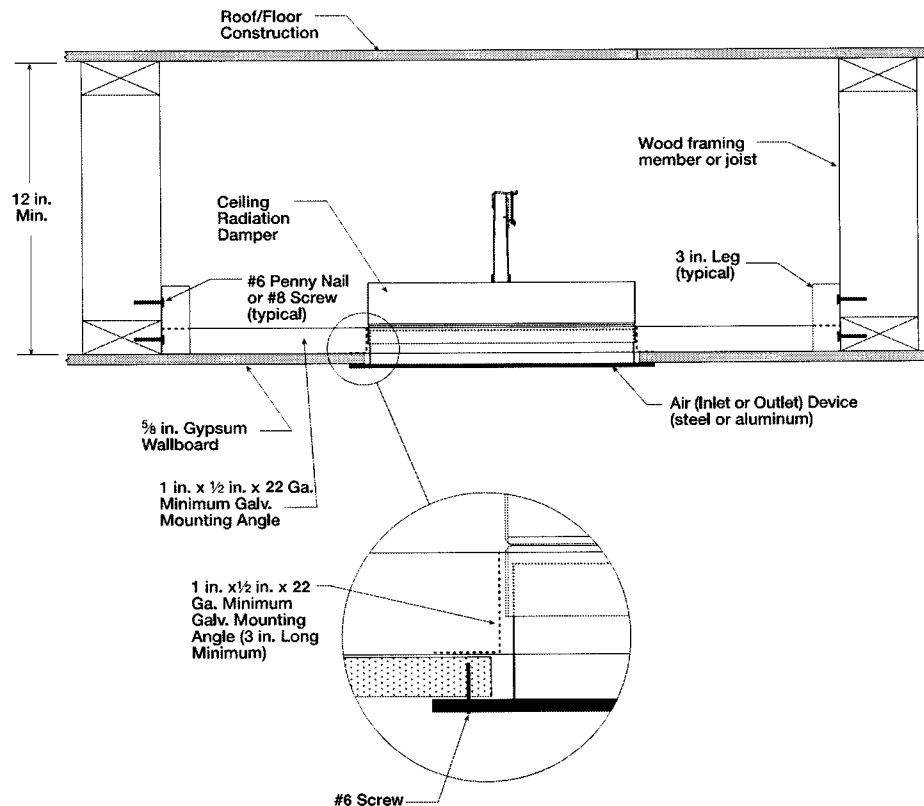


FIGURE 2

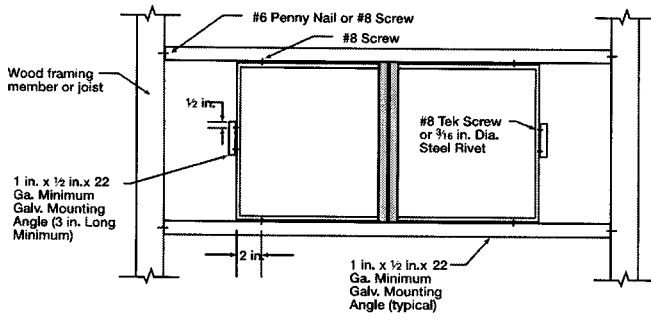


FIGURE 3

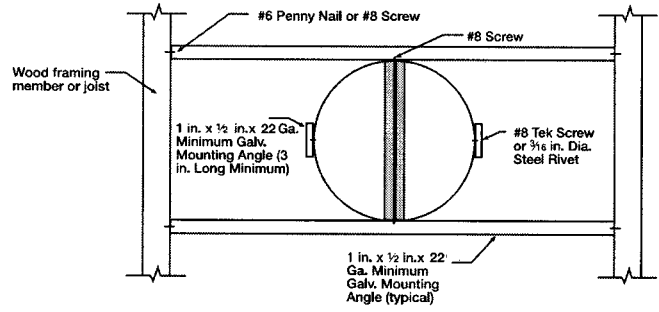


FIGURE 4

