

Application

Factory installed sleeves may need to be extended in the field. This supplement installation instruction provides details for attachment of the sleeve extension. Figure 1 shows a factory installed sleeve that extends through the fire rated barrier. Figure 2 depicts a factory installed sleeve that is not long enough to extend through the fire rated barrier.

NOTES

1. Sleeve Extension must be same material as the factory sleeve and a minimum of the same thickness.
2. The inside dimension of the sleeve extension must be the same dimension as the outside dimension of the factory sleeve.
3. Sleeve extension must overlap the factory sleeve a minimum of 1" (25).
4. All four sides of the sleeve extension must be attached to the factory sleeve. Attachments must be spaced a maximum of 6" (152) on center and a maximum of 2" (51) from corner. A minimum of 2 attachments per side (8 per damper) are required. Attach the sleeve extension using tack or spot welds, No. 10 sheet metal screws, $\frac{1}{4}$ " (6) bolts and nuts, or $\frac{3}{16}$ " (5) steel pop rivets.
5. Products with Smoke rating require that the joint between the two sleeves be sealed with a continuous bead of Dow Corning 732 or DOWSIL 732 or General Electric 1200 silicone construction adhesive.
6. Sleeve extensions can be made to either end of the factory sleeve. However, the extended factory sleeve must not extend more than 16" (406) beyond the wall on the actuator side and not more than 6" (152) on the non-actuator side.
7. The joint at which both sleeves are combined shall be outside of the fire rated barrier.

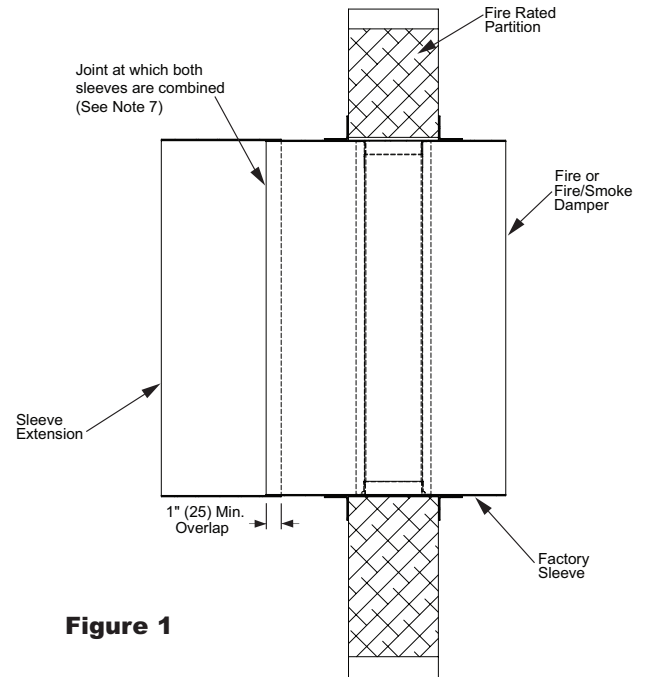


Figure 1

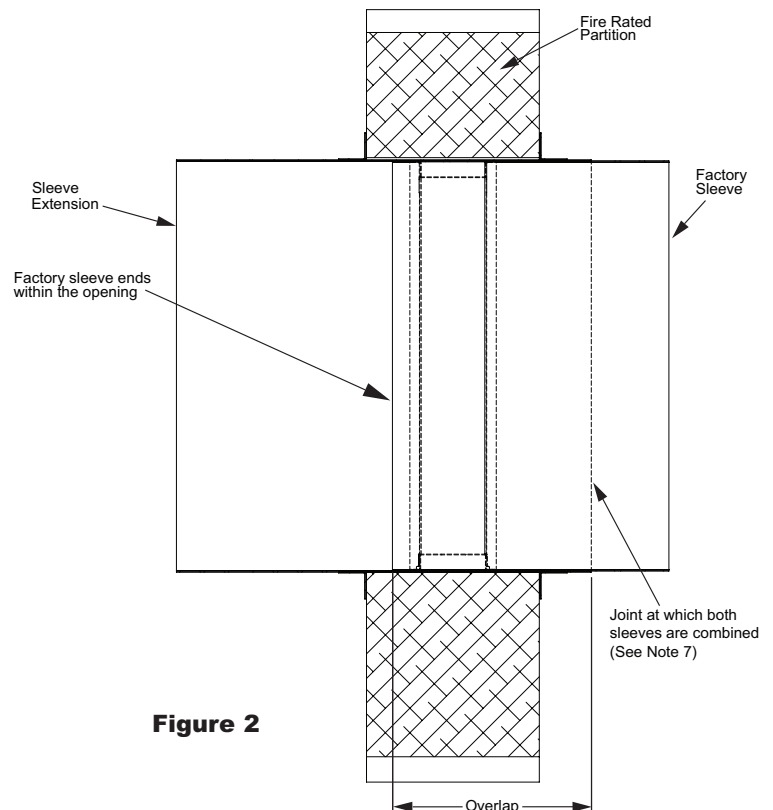


Figure 2

