



**Figure 1:** Factory sleeve extends all the way through the rated barrier.

**Figure 2:** Factory sleeve ends in the plane of the rated barrier.

**APPLICATION:**

Factory installed sleeves may sometimes need to be extended in the field when there is insufficient length of ductwork connection relative to the depth of the fire rated wall/barrier/partition. This supplement installation instruction provides details for attachment of the sleeve extension. Consult Authority Having Jurisdiction (AHJ) for approval.

**Figure 1:** When the factory sleeve extends all the way through the rated fire barrier.

**Figure 2:** When the factory sleeve ends in the plane of the rated fire barrier.

**NOTES:**

1. Sleeve extension must be same material and gauge as factory sleeve.
2. The inside dimensions of the sleeve extension must be the same dimensions as the outside dimensions 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 corners. A minimum of 2 attachments per side (8 per damper) are required. Attach the sleeve extension using 1/2" (13) long tack or spot welds, #10 sheet metal screws, 1/4" (6.35) dia. bolts and nuts or 3/16" (5) steel pop rivets.

5. Products with a smoke leakage rating require that the joint between the two sleeves be sealed with a continuous 1/8" (3) bead of Dow Corning 732, G.E. RTV108, Boss 310 or 315RTV silicone sealant.
6. Sleeve extensions can be made to either end of the factory sleeve. However, the sleeve cannot extend beyond the fire partition more than 6" (152) on either side or 16" (406) on one side if equipped with an actuator or integral access door.
7. The joint created by the factory sleeve and sleeve extension cannot be in the plane of the fire rated barrier.

**Refer to the Following Installation Instructions:**

Curtain Type Fire Dampers (D)0100, 0300 & (D)0500	FDINST
Curtain Type Fire Dampers 0200 & 0500 Thinline	FDTINST
Multi-Blade Fire Dampers (D)1200 & D1250	MBFDINST
Combination Fire/Smoke Dampers 1220	1220INST
Combination Fire/Smoke Dampers 1270	1270INST



Dimensions are in inches (mm).



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