

**QUALIFICATIONS:**

- **UL 555 & CAN/ULC-S112 CLASSIFIED FIRE DAMPER. 1 1/2 hr. label (File # R9492).**
- **Meets all the requirements of UL and NFPA 80, 90A and 101 for fire dampers in static HVAC systems, as well as IBC and NBC (Canada) Building Code requirements.**
- **City of New York Board of Standards and Appeals. Cal. No. 460-88-SA.**
- **California State Fire Marshal: Fire Damper Listing No. 3225-0935:0100.**

Model 0140 curtain fire damper is UL approved for use where local building codes require the protection of HVAC ductwork penetrations in walls, partitions or floors that have a fire resistance rating of up to 2 hours. The 0140 is classified for use only in static "fans off" systems where the HVAC system is automatically shut down in the event of a fire alarm. Type CSR square or rectangular fire dampers use full enclosure and transition collars to place the custom blade pack and frame out of the airstream, providing 100% free area.

**STANDARD CONSTRUCTION:**

- Frame:** 4 1/4" (108) wide, 22 ga. (0.85) roll-formed G60 galvanized steel.
- Blades:** Curtain type interlocking blades, 22 ga. (0.85) roll-formed G60 galvanized steel.
- Enclosure:** 22 ga. (0.85) galvanized steel.
- Fusible Link:** 165°F (74°C) standard. UL Listed.  
212°F (100°C) available.
- Blade Closure:** Vertical mount model; gravity.  
Horizontal mount models are equipped with stainless steel closure springs and galvanized steel locking ramps.

**SIZES (DUCT W X H):**

Minimum		Maximum		
Single Section		Single Section	Multiple Section	
Vertical	Horizontal	Vertical/Horizontal	Vertical	Horizontal
3" x 3" (76 x 76)	4" x 4" (102 x 102)	58" x 53" (1473 x 1346)	118" x 112" (2997 x 2845)	① 100" x 53" (2540 x 1346)

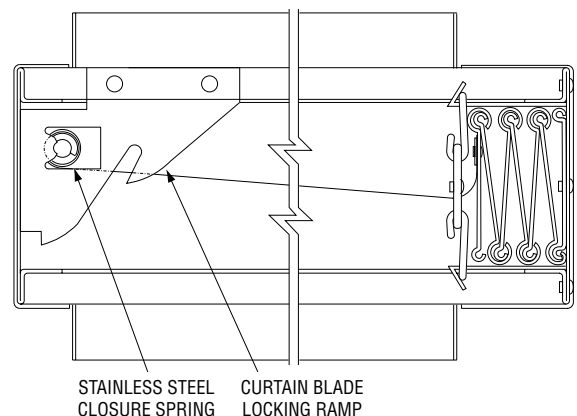
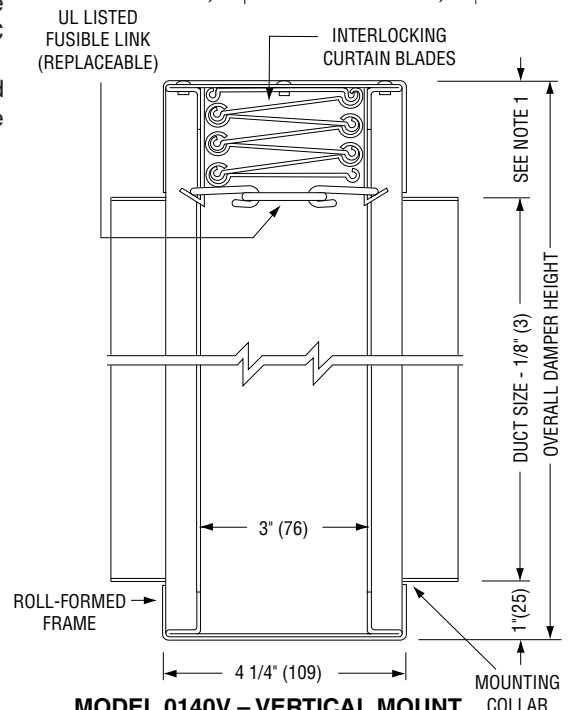
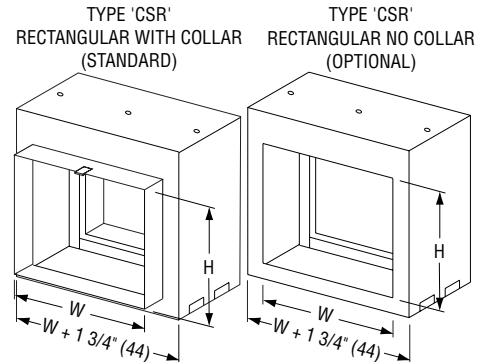
① Maximum individual sections not to exceed 34" x 60" (684 x 1524).

**OPTIONS:**

- ☐ Non-standard temperature fusible link. Specify \_\_\_\_\_.
- ☐ **LP** Unsealed. Suitable for low pressure systems.
- ☐ **HP** Sealed. Suitable for medium/high pressure systems. Externally caulked.
- ☐ **NC** No collar.
- ☐ **Factory Sleeve.** Available in 10 (3.5) through 22 ga. (0.85) galvanized steel and in lengths required for application. Specify: \_\_\_\_ length. \_\_\_\_ ga.

**NOTES:**

- See sizing chart for relationship of duct size and damper size. Refer to drawings 0100-MSSC.



**MODEL 0140H – HORIZONTAL MOUNT**

For installation instructions, see IOM-FDINST.

Dimensions are in inches (mm).

**SCHEDULE TYPE:**

**PROJECT:**

**ENGINEER:**

**CONTRACTOR:**

**DATE**

**B SERIES**

**SUPERSEDES**

**DRAWING NO.**

12 - 30 - 25

FD

4 - 28 - 14

0100-4