



**STATIC THINLINE CURTAIN FIRE DAMPER**  
**1 1/2 HR. LABEL • VERT. OR HORIZ.**  
**FOR USE IN STATIC SYSTEMS**  
**MODELS: 0230V AND 0230H (TYPES CR & CO)**



**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 0230 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 0230 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 CR round and CO oval fire dampers use transition collars to place the curtain blade pack and damper frame out of the airstream, providing 100% free area.

Thinline fire dampers are only 2" (51) deep and permit installation in narrow fire partitions, transfer openings, behind grilles or in any application where clearance is restricted.

**STANDARD CONSTRUCTION:**

- Frame:** 2" (51) 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):**

Model Type	Minimum	Maximum
	Single Section	Single Section
	Vertical/Horizontal	Vertical/Horizontal
Round CR	3" (76) dia.	34" (864) dia.
Oval CO	4" x 3" (102 x 76)	39" x 29" (991 x 737)

**OPTIONS:**

- ☐ Non-standard temperature fusible link. Specify \_\_\_\_\_.
- ☐ **LP** Unsealed. Suitable for low pressure systems.
- ☐ **HP** Sealed. Suitable for medium/high pressure systems. Externally caulked.
- ☐ Factory Sleeve. Available in 10 (3.5) through 22 ga. (0.85) galvanized steel and in lengths required for application.  
Specify: \_\_\_\_\_ length. \_\_\_\_\_ ga.

**NOTES:**

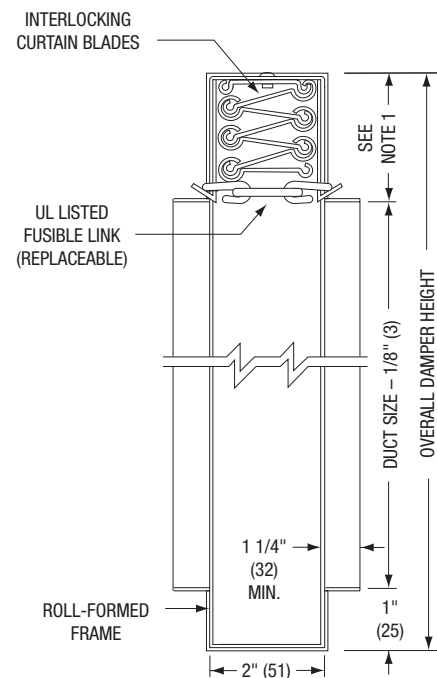
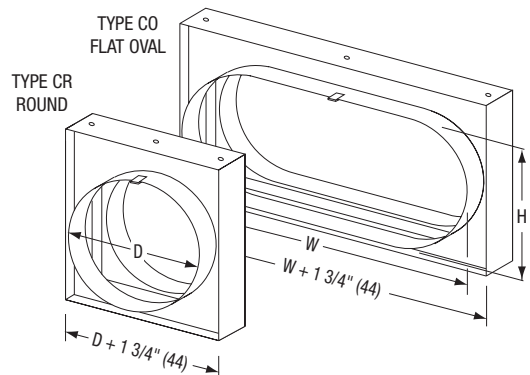
1. See sizing chart for relationship of duct size and damper size.  
Refer to drawings SC3 and SC4.

**SCHEDULE TYPE:**

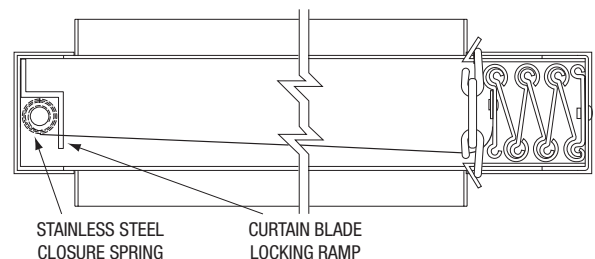
**PROJECT:**

**ENGINEER:**

**CONTRACTOR:**



**MODEL 0230V - VERTICAL MOUNT**



**MODEL 0230H - HORIZONTAL MOUNT**

For installation instructions, see IOM-FDTINST.

Dimensions are in inches (mm)

DATE	B SERIES	SUPERSEDES	DRAWING NO.
12 - 30 - 25	FD	4 - 28 - 14	0200-3