



**STATIC CURTAIN TYPE FIRE DAMPER  
3 HR. LABEL • VERTICAL OR HORIZONTAL  
FOR USE IN STATIC SYSTEMS  
MODELS: 0530V & 0530H (TYPES CR & CO)**



**QUALIFICATIONS:**

- UL 555 & CAN/ULC-S112 CLASSIFIED FIRE DAMPER.  
3 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 0530 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 4 hours. The 0530 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 & CO oval fire dampers use transition collars to place the curtain blade pack and damper 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.

**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             |                          | Multiple Section              |                           |
|            | Vertical              | Horizontal             | Vertical                   | Horizontal               | Vertical                      | Horizontal                |
| Round CR   | 3" (76)<br>dia.       | 4" (102)<br>dia.       | 42" (1067)<br>dia.         | 31" (767)<br>dia.        | 66" (1676)<br>dia.            | 34" (864)<br>dia.         |
| Oval CO    | 4" x 3"<br>(102 x 76) | 5" x 4"<br>(127 x 102) | 46" x 42"<br>(1168 x 1067) | 34" x 31"<br>(864 x 787) | ① 106" x 66"<br>(2692 x 1676) | 70" x 31"<br>(1778 x 787) |

① Maximum individual sections not to exceed 36" x 36" (914 x 914).

**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:**

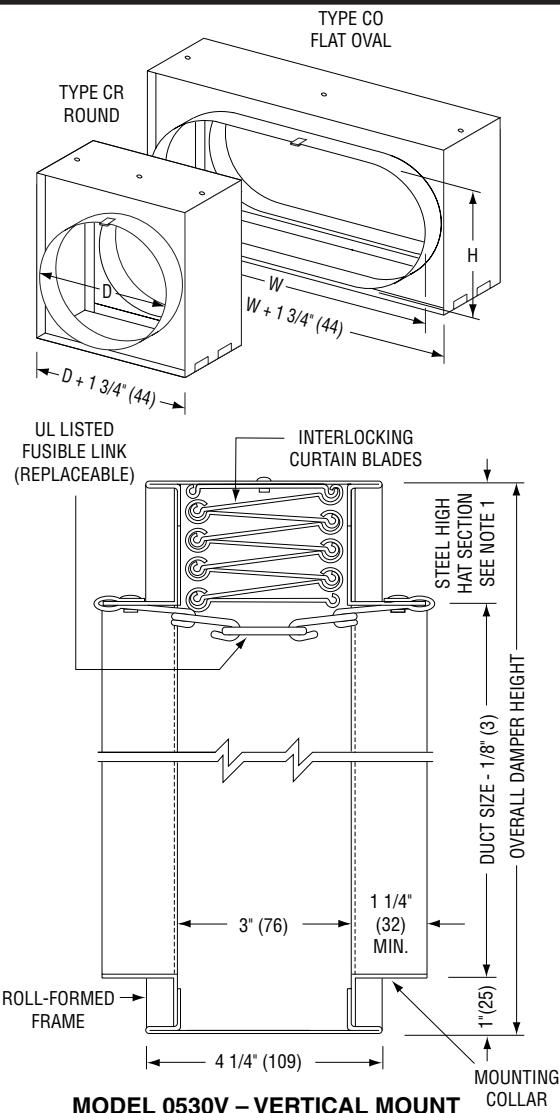
1. See sizing chart for relationship of duct size and damper size.  
Refer to drawings SC1 and SC2.

**SCHEDULE TYPE:**

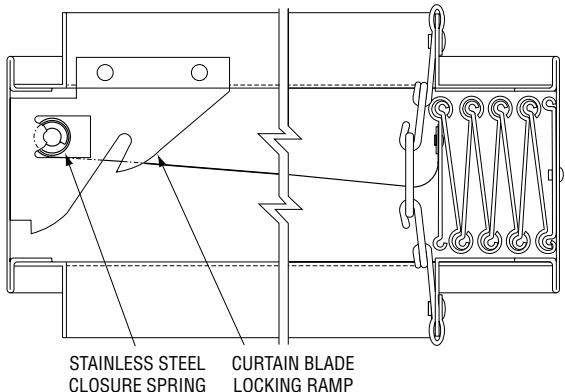
**PROJECT:**

**ENGINEER:**

**CONTRACTOR:**



**MODEL 0530V – VERTICAL MOUNT**



**MODEL 0530H – HORIZONTAL MOUNT**

For installation instructions, see IOM-FDINST.  
Dimensions are in inches (mm).

| DATE       | B SERIES | SUPERSEDES  | DRAWING NO. |
|------------|----------|-------------|-------------|
| 1 - 8 - 26 | FD       | 4 - 28 - 14 | 0500-3      |