



**DYNAMIC CURTAIN TYPE FIRE DAMPER**  
**3 HR. LABEL • VERTICAL OR HORIZONTAL**  
**FOR USE IN DYNAMIC OR STATIC SYSTEMS**  
**MODEL D0530 TYPES CR & CO**



**QUALIFICATIONS:**

- UL 555 Classified Fire Damper. 3 hr. label. (File # 9492).
- CAN/ULC-S112 Fire Damper Assemblies.
- Meets all the requirements of UL and NFPA 90A for fire dampers in dynamic HVAC systems.
- Meets the requirements for BOCA, SBCCI, UBC, IBC and associated local building codes.
- Meets all the requirements of NBC.
- California State Fire Marshal Listing No. 03225-0935:113.
- City of New York Board of Standards and Appeals. Cal. No. 460-88-SA.
- Maximum velocity 2000 fpm @ 4" w.g.

The D0530 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 D0530 is classified for use in dynamic (fans on) systems, where the HVAC system remains operative in the event of a fire. Damper closure under airflow is assured.

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.

**STANDARD SPECIFICATION:**

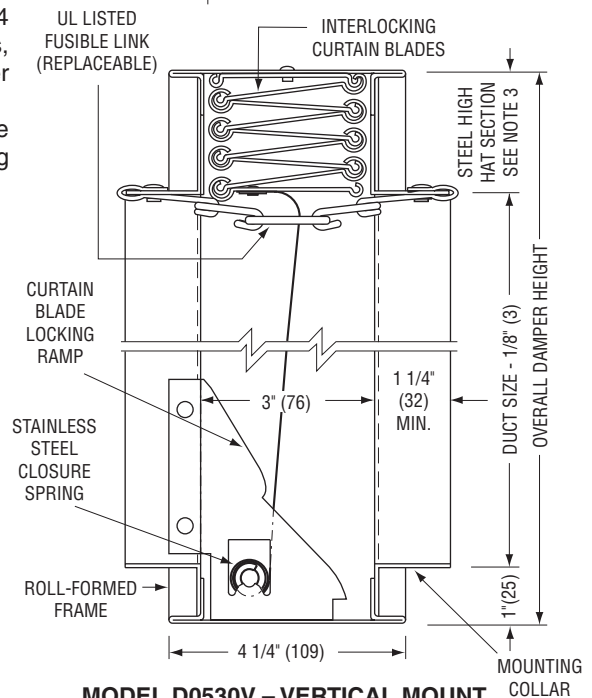
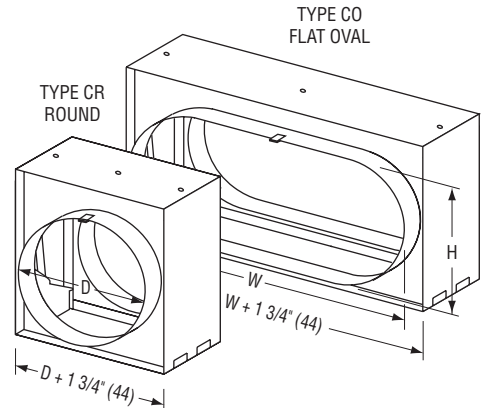
- FRAME:** 4 1/4" (108) wide, 22 ga. (0.85) roll-formed G60 galvanized steel.
- BLADES:** Curtain type interlocking blades, 22 ga. (0.85) roll-formed G60 galvanized steel.
- ENCLOSURE:** 22 ga. (0.85) galvanized steel.
- FUSIBLE LINK:** 165°F (74°C) standard. UL Listed. 212°F (100°C) available.
- BLADE CLOSURE:** Stainless steel closure springs and galvanized steel locking ramps.
- MINIMUM SIZE:** 4" (102) dia., 5" x 4" (127 x 102) oval.
- MAXIMUM SIZE:** Single Section  
 Vertical or Horizontal mount: 20" (508) dia.;  
 22" x 20" (559 x 508) flat oval.  
 Multiple Section Assembly  
 Vertical mount: 34" (864) dia.; 70" x 20" (1778 x 508) oval. See note 2.  
 Horizontal mount: Contact factory.

**OPTIONS:**

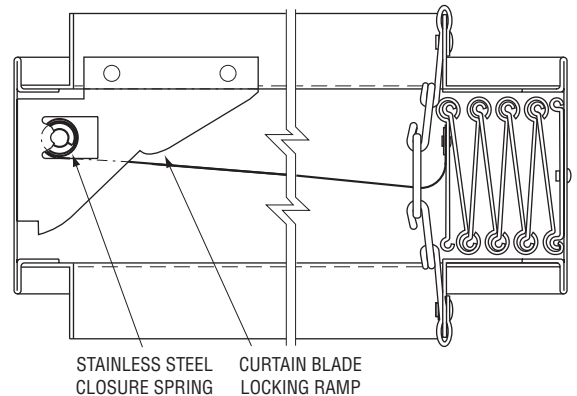
- Non-standard temperature fusible link. Specify \_\_\_\_\_.
- LP Unsealed. Suitable for low pressure systems.
- HP Suitable for medium/high pressure systems. Externally caulked. (Up to 6" w.g./1.5 kPa).
- Factory Sleeve. Available in 10 (3.5) through 22 ga. (0.85) galvanized steel and in lengths required for application. Specify : \_\_\_\_\_ length. \_\_\_\_\_ ga.

**NOTES:**

1. Building codes and UL Classification require damper installation in accordance with manufacturer's instructions. Refer to document IOM-FDINST.
2. Individual sections of multiple section assembly not to exceed 18" x 24" (457 x 610).
3. See sizing chart for relationship of duct size and damper size. Refer to dwgs. SC1 and SC2.



**MODEL D0530V - VERTICAL MOUNT**



**MODEL D0530H - HORIZONTAL MOUNT**

Manufactured by members of S.M.W.I.A.  
 Dimensions are in inches (mm).

<b>SCHEDULE TYPE:</b>				
<b>PROJECT:</b>				
<b>ENGINEER:</b>	<b>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>
<b>CONTRACTOR:</b>	10 - 6 - 06	FD	3 - 1 - 05	D0500-3