

**QUALIFICATIONS:**

- **UL 555 & CAN/ULC-S112 CLASSIFIED DYNAMIC 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 dynamic 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. 3225-0935:0113.**
- **Maximum velocity: 4000 fpm @ 4" w.g. (20 m/s @ 1 kPa).**



The D0100 curtain fire dampers are 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 D0100s are 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.

Integral sleeve fire dampers offer convenience and labor savings. The costly requirement to field or shop fabricate custom sleeves is eliminated and dampers can therefore ship directly from the manufacturer to the job site – saving time and money.

Optional "Quick-Set" retaining angles complete the installation package. Factory fabricated, sized and shipped with damper, they install quickly, provide further labor savings and eliminate the need for any field fabrication.

**STANDARD SPECIFICATION:**

**INTEGRAL**

**SLEEVE/FRAME:** 22 ga. (0.85) roll-formed G60 galvanized steel.  
 D01 x 4 -12 Length 12" (305)  
 D01 x 4 -14 Length 14" (356)  
 D01 x 4 -16 Length 16" (406)

**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:** Stainless steel closure springs and galvanized steel locking ramps.

**OPTIONS:**

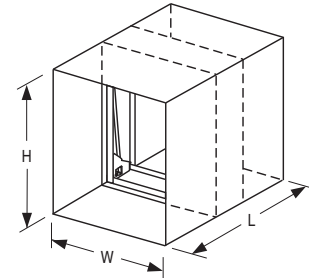
- Non-standard temperature fusible link. Specify \_\_\_\_\_ .
  - QS1** Quick-set retaining angles (single set).
  - QS2** Quick-set retaining angles (pair).
- Hemmed Sleeve for slip and drive connection (Type A and B only):
- HM2** (both ends).       **HM1** (one end).
  - PT** Pull Tab Release. Permits simple reset of spring loaded damper when access door is located below damper (opposite side of locking ramp). (See dwg. ACC-PTR for details).

**NOTES:**

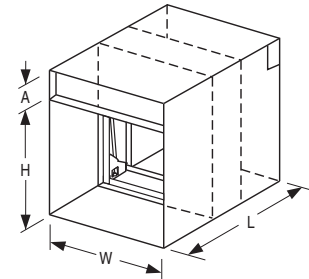
1. Building code and UL Classification require damper installation in accordance with manufacturer's instructions. Refer to document IOM-FDINST.

Manufactured by members of S.M.W.I.A.

Dimensions are in inches (mm).

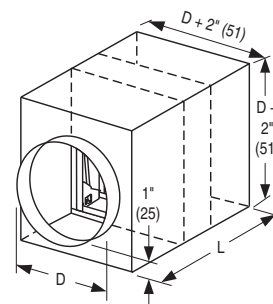


**Model: D0114-1X**  
 Type A – Blades and frame in the airstream.  
 Min. size - 6" x 6" (152 x 152)  
 Max. size - 36" x 36" (914 x 914)



**Model: D0124-1X**  
 Type B – Blades out of airstream.  
 Min. size - 6" x 4" (152 x 102)  
 Max. size - 36" x 33" (914 x 838)

Damper Height (H)	Dim. 'A'
4" – 17" (102 – 432)	2" (51)
18" – 27" (457 – 686)	3" (76)
28" – 33" (711 – 838)	4" (102)



**Model: D0134-1X**  
 Type CR – Round transition collars.  
 Blades partially in airstream  
 Min. size - 4" dia. (102)  
 Max. size - 32" dia. (813)



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