



**STAINLESS STEEL DYNAMIC CURTAIN TYPE
FIRE DAMPER**
3 HR. LABEL • VERTICAL
FOR USE IN DYNAMIC OR STATIC SYSTEMS
MODEL: D0520SS (TYPE B)



QUALIFICATIONS:

- **UL 555 & CAN/ULC-S112 CLASSIFIED DYNAMIC FIRE DAMPER.** 3 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: 2000 fpm @ 4" w.g. (10 m/s @ 1 kPa).**

Model D0520SS stainless steel dynamic curtain fire damper is UL approved for use where local building codes require the protection of HVAC ductwork penetrations in walls or partitions that have a fire resistance rating of up to 4 hours. The D0520SS 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 B fire dampers place the curtain blade pack out of the airstream for higher free area and reduced pressure drop.

STANDARD CONSTRUCTION:

- Frame:** 4 7/8" (124) wide, 22 ga. (0.79) roll-formed Type 304 stainless steel.
- Blades:** Curtain type interlocking blades, 22 ga. (0.79) roll-formed Type 304 stainless steel.
- Enclosure:** 22 ga. (0.79) stainless steel.
- Fusible Link:** 165°F (74°C) standard. UL Listed. 212°F (100°C) available.
- Blade Closure:** Stainless steel closure springs and stainless steel locking ramps.

Sizes (Duct W x H):

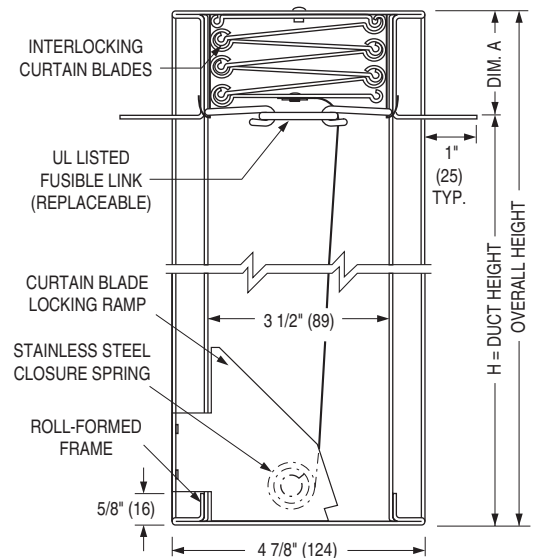
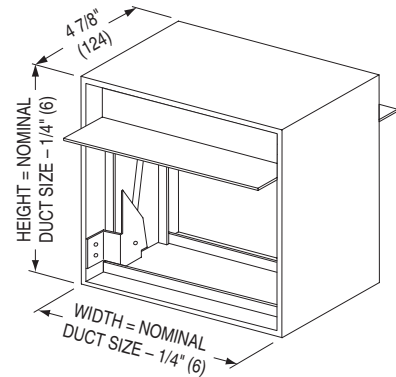
Velocity/ Pressure Rating	Single Section	
	Minimum	Maximum
	Vertical	Vertical
24	4" x 4" (102 x 102)	24" x 21" (610 x 533)

OPTIONS:

- 316 Type 316 stainless steel frame and blades.
- Non-standard temperature fusible link. Specify _____.
- Factory Sleeve. Available in 10 (3.5) through 18 ga. (1.27) stainless steel and in lengths required for application. Specify: _____ length. _____ ga.

DYNAMIC VELOCITY/PRESSURE RATING:

- 24** 2000 fpm @ 4" w.g. (Standard)



MODEL D0520SS – VERTICAL MOUNT

Duct Height H	Dim. A
4" thru 15" (102 thru 381)	2" (51)
16" thru 21" (406 thru 533)	3" (76)

SCHEDULE TYPE:

PROJECT:

ENGINEER:

CONTRACTOR:

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

DATE	B SERIES	SUPERSEDES	DRAWING NO.
12 - 4 - 20	FD	11 - 14 - 18	D0500SS-2