



CURTAIN TYPE FIRE DAMPER
3 HR. LABEL • VERTICAL OR HORIZONTAL
FOR USE IN STATIC SYSTEMS
MODELS 0520V AND 0520H TYPE B



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 static 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. 03225-0935:100.
- City of New York Board of Standards and Appeals. Cal. No. 460-88-SA.

The 0520 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 0520 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 B fire dampers place the curtain blade pack out of the airstream for higher free area and reduced pressure drop.

STANDARD SPECIFICATION:

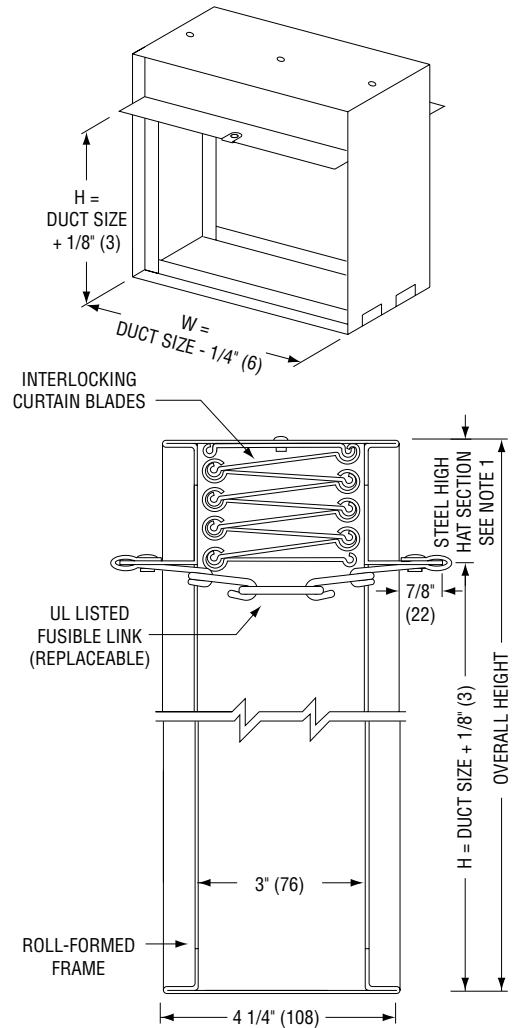
- FRAME:** 4 1/4" (108) wide, 22 ga. (0.85) roll-formed G60 galvanized steel.
- BLADES:** Curtain type interlocking blades, 22 ga. (0.85) roll-formed G60 galvanized steel.
- ENCLOSURE:** 22 ga. (0.85) galvanized steel.
- FUSIBLE LINK:** 165°F (74°C) standard. UL Listed.
212°F (100°C) available.
- BLADE CLOSURE:** Vertical mount model; gravity.
Horizontal mount models are equipped with stainless steel closure springs and galvanized steel locking ramps.
- MINIMUM SIZE:** Vertical: 4" x 3" (102 x 76).
Horizontal: 4" x 4" (102 x 102).
- MAXIMUM SIZE:** Single Section
Vertical mount: 48" x 43" (1219 x 1095).
Horizontal mount: 36" x 32" (914 x 813).
Multiple Section Assembly
Vertical mount: 108" x 68" (2743 x 1727). See note 2.
Horizontal mount: 72" x 32" (1829 x 813) or 64" x 36" (1626 x 914).

OPTIONS:

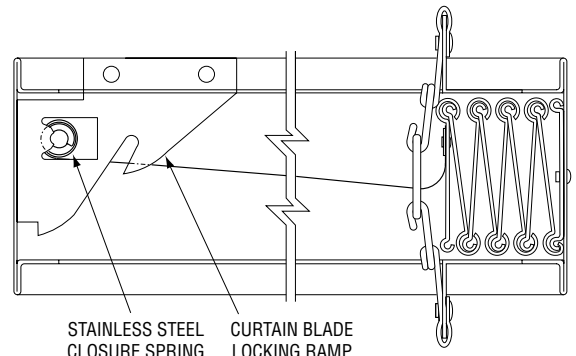
- Non-standard temperature fusible link. Specify _____.
- Factory Sleeve. Available in 10 (3.5) through 22 ga. (0.85) galvanized steel and in lengths required for application. Specify : _____ length. _____ ga.
- Pull Tab Release. Permits simple reset of horizontal damper when access door is located below damper. (See dwg. ACC-PTR for details).

NOTES:

1. See sizing chart for relationship of duct size and damper size. Refer to drawings SC1 and SC2.
2. Individual sections of multiple section assembly not to exceed 36" x 36" (914 x 914).
3. Building codes and UL Classification require damper installation in accordance with manufacturer's instructions. Refer to appropriate model installation instructions.



MODEL 0520V – VERTICAL MOUNT



MODEL 0520H – HORIZONTAL MOUNT

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

SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.
CONTRACTOR:	10 - 6 - 06	FD	3 - 1 - 05	0500-2