

Multi-Blade Fire Damper

38MA

Non-Motorized • Airfoil Blade • 3 Hour • Dynamically Rated • UL Classified Fire Damper

STANDARD CONSTRUCTION

- FRAME:** 5 1/2" x 7/8" x 16-GA galvanized steel hat channel
- BLADES:** 20-GA double skinned galvanized steel (equal to 14-GA), parallel action
- AXLES:** Square, plated solid steel stub
- BEARINGS:** Oil impregnated bronze
- LINKAGE:** Plated steel angle and crank plates with stainless steel pivots, in-jamb type
- STOPS:** 18-GA galvanized steel at head and sill
- JAMB SEALS:** Stainless steel
- ACTUATOR:** Non-motorized spring closure mechanism with 165°F fusible link
- FINISH:** Mill

OPTIONS

- Sleeve of various depths and gauges
- Round or oval transitions
- 212°F fusible link



NOTES

1. "A" width and "B" height are opening dimensions. Dampers are provided approximately 1/4" undersize.
2. Approved for vertical and horizontal installations.
3. Optional auxiliary blade position indication switches are rated at 11A, 1/3HP, 125VAC. These snap action switches are intended to make or break a circuit and will not provide variable or proportional resistance.
4. Dampers rated at 4000 fpm and multiple panel dampers rated at 2000 fpm require blade tip Tog-L-Locs on 3" maximum c/c.

DAMPER SIZE

Orientation	Horizontal and Vertical			
	Minimum Panel	Maximum Panel (@2000 fpm 4.0 in.wg pressure)	Maximum Panel (@4000 fpm 4.0 in.wg pressure)	Max Assy Panel (@2000 fpm 4.0 in.wg pressure)
Rectangular	4"W x 4"H (8"W x 8"H frame)	32"W x 48"H	32"W x 36"H	60"W x 36"H
Round	6" dia. (8"W x 8"H frame)	30" dia.	30" dia.	34" dia.
Oval	6"W x 6"H (8"W x 8"H frame)	30"W x 46"H	30"W x 34"H	58"W x 34"H

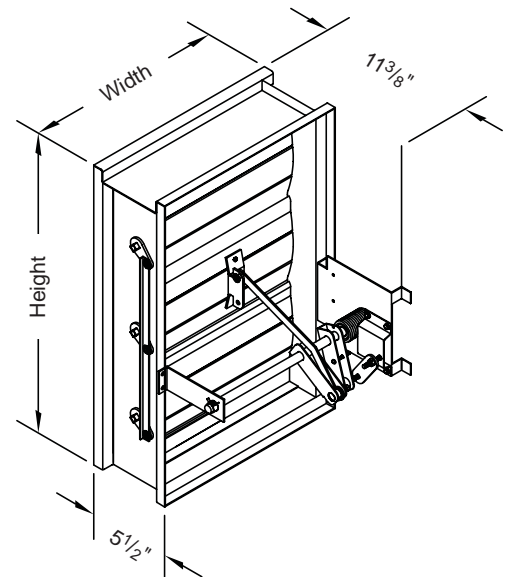
UNDERWRITERS LABORATORIES INC.®
CLASSIFIED FIRE DAMPER
FIRE RESISTANCE RATING 3 HR
 IN ACCORDANCE WITH UL-555
 SEE U.L. FIRE RESISTANCE DIRECTORY

FILE #R4708

This fire damper meets the construction and performance requirements of

- Underwriters Laboratories Inc. Standards 555
- National Fire Protection Association Standards 90A, 92A, and 92B
- ICC's International Building Code
- ICBO's Uniform Building Code
- SBCCI's Standard Building Code
- BOCA's National Building Code
- Underwriters Laboratories Inc. Approved for dual direction airflow and dynamic conditions.
- Underwriters Laboratories Inc. Classified for use in fire resistive ratings of 3 hours and longer.

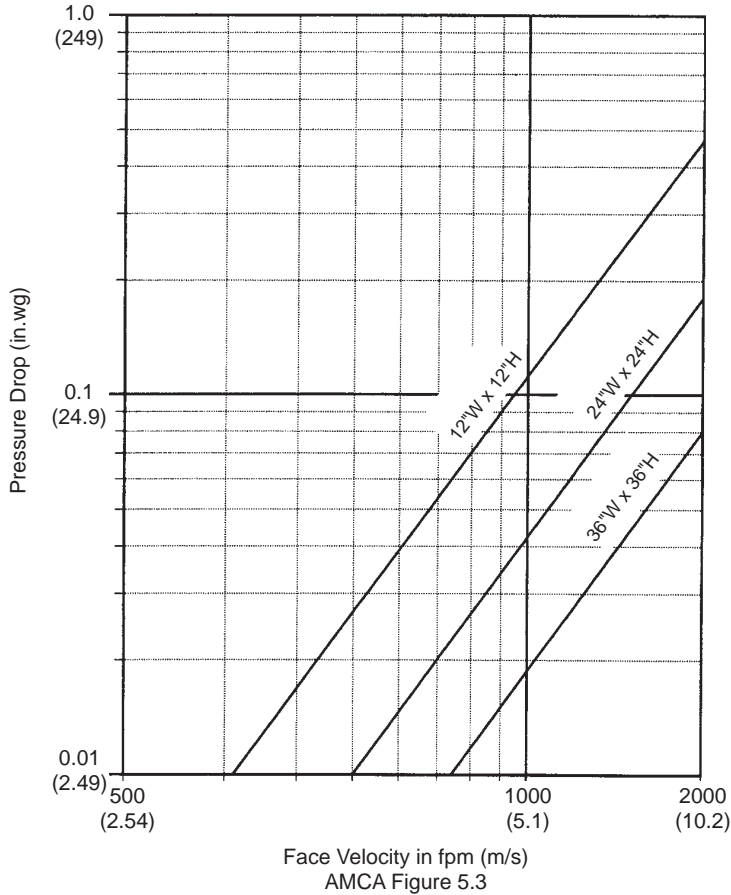


Operations Rating:

Maximum Differential Pressure: 4 in.wg
 Maximum Velocity: 2000 fpm (4000 fpm through 30"W x 36"H)

Pressure Drop Rating:

The pressure drop data shown below is based on laboratory conditions. The test setup does not take into account elbows or other duct fittings that are part of every actual duct system. The configuration of the actual duct system immediately upstream and downstream of the damper often contributes more pressure loss than the damper itself.



This product was tested in accordance with AMCA Standard 555.