

True Round Fire Damper

Dynamic Rated • Galvanized Steel • UL Classified Damper

STANDARD CONSTRUCTION

- FRAME:** 20-GA galvanized rolled frame; 16" deep
- BLADES:** 20-GA double thickness galvanized steel (equal to 14-GA)
- AXLES:** ½" diameter galvanized or plated steel, full length
- BEARING:** Oil impregnated bronze sleeve
- STOPS:** Full open and full closed angle stops
- CAULKING:** UL approved
- FINISH:** Mill
- ACTUATOR:** Non-motorized spring closure mechanism with 165°F fusible link

OPTIONS

- Integral Dual position Indication (IDPI) switches
- Rolled retaining angles
- Stainless steel bearings
- Sleeves of various depths (consult factory)
- 212°F Fusible Link
- Retaining Plates

NOTES

1. Dampers are provided approximately ⅛" undersize.
2. Dampers available in 2" increments only.
3. Dampers ≥ 20" require rings in center of damper.

DAMPER SIZE

Orientation	Horizontal & Vertical	
	Minimum Panel	Maximum Panel
R7	8" dia.	24" dia.

UNDERWRITERS LABORATORIES INC.®

CLASSIFIED FIRE DAMPER
FIRE RESISTANCE RATING 1½ HR

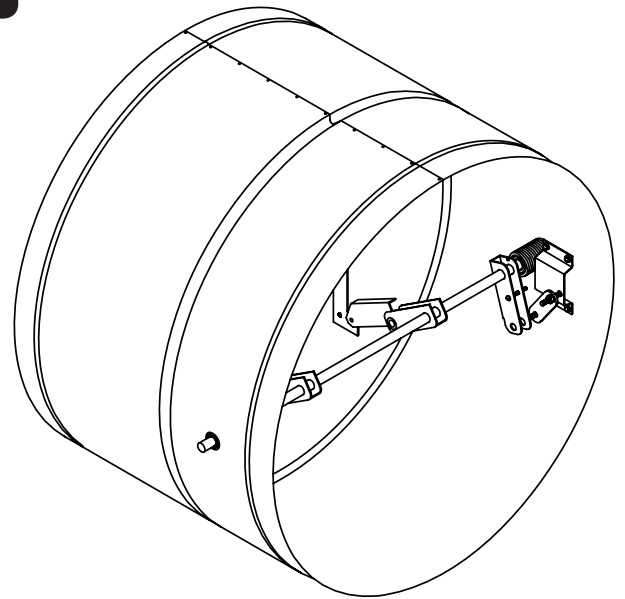


FILE #R4708



This fire damper meets the construction and performance requirements of:

- Underwriters Laboratories Inc. Standard 555
- National Fire Protection Association Standards 90A, 92A, and 92B
- California State Fire Marshal Listing 3225-1328:125
- Underwriters Laboratories Inc. Approved for dual direction airflow and dynamic conditions.
- Underwriters Laboratories Inc. Classified for use in fire resistive ratings of less than 3 hours.



Operations Ratings:

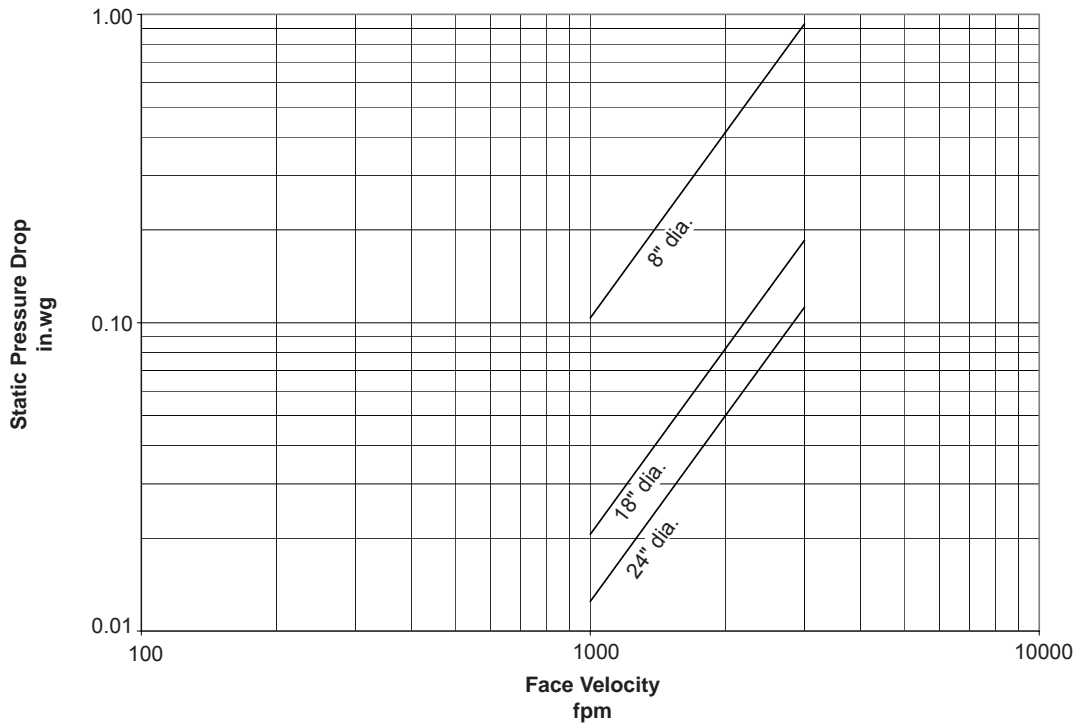
Maximum Differential Pressure: 4 in.wg
 Maximum Velocity: 3000 fpm

Sound Ratings:

None Available

Pressure Drop Ratings:

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 500D.

AMCA Figure 5.3