

STANDARD CONSTRUCTION

FRAME: 5½" 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

Type 304 Stainless Steel Construction (Sleeve and in-airstream parts only) Sleeve of various depths and gauges Round or oval transitions 212°F fusible link Dual Position Indication Package (see Notes)

NOTES

- 1. Nominal deductions will be made to the opening size given.
- 2. Approved for vertical and horizontal installations.
- 3. Optional auxiliary blade position indication switches are rated at 11A, ½ HP, 125VAC. These snap action switches are intended to make or break a circuit and will not provide variable or proportional resistance.

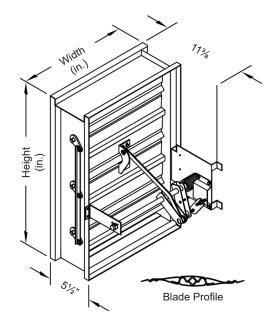
DAMPER SIZES

		2000 fpm	4000 fpm, 4 in.wg		
Orientation	Hor and Vert	Horizontal a	Hor and Vert		
Panels	Min Panel	Max Single Panel	Max Assy Panel	Max Single Panel	
Rectangular	4"W x 4"H (8"W x 8"H frame)	32"W x 48"H	64"W x 36"H 32"W x 72"H	32"W x 36"H	
Round	6" dia. (8"W x 8"H frame)	30" dia.	34" dia.	30" dia.	
Oval	6"W x 6"H (8"W x 8"H frame)	30"W x 46"H	62"W x 34"H 30"W x 70"H	30"W x 34"H	

UNDERWRITERS LABORATORIES INC.® CLASSIFIED DYNAMIC FIRE DAMPER FIRE RESISTANCE RATING 1½ HR Louvers Dampers FILE # R16591

This fire damper meets the construction and performance requirements of

- Underwriters Laboratories Inc. Standards 555
- National Fire Protection Association Standards 80, 90A, 101
- ICC's International Building Code
- 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.



Item #	Qty	Damper Size	Horizontal	Vertical	165°F	212°F			NA. 19
			Orientation		Fusible Link				<u>Union Made</u>
Arch. / Eng.:					EDR:		ECN:	Job:	
Conti	actor:								
P	roject:				Date:		DWN:	DWG:	

In the interest of product development, Louvers & Dampers reserves the right to make changes without notice.



PERFORMANCE DATA

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 that the damper itself.

