Dynamic Fire Damper • 11/2 Hr. Rated • Airfoil Blade • Horizontal and Vertical Mount • Non-Motorized • Galvanized Steel

Standard Construction and Materials

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, $\frac{1}{3}$ HP, 125VAC. These snap action switches are intended to make or break a circuit and will not provide variable or proportional resistance.

UNDERWRITERS LABORATORIES INC.®

CLASSIFIED DYNAMIC FIRE DAMPER FIRE RESISTANCE RATING 1½ HR



FILE # R6462



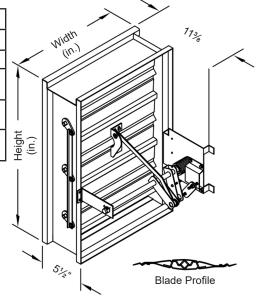
Page 1

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.

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	



L										
L]		
	Item # C	C +	Damper Size	Horizontal	Vertical	165°F	212°F			
		Qty		Orientation		Fusible Link				<u>Union Made</u>
	Arch.	/ Eng.:				EDR:		ECN:	Job:	
	Contractor:									
	Р	roject:				Date:		DWN:	DWG:	

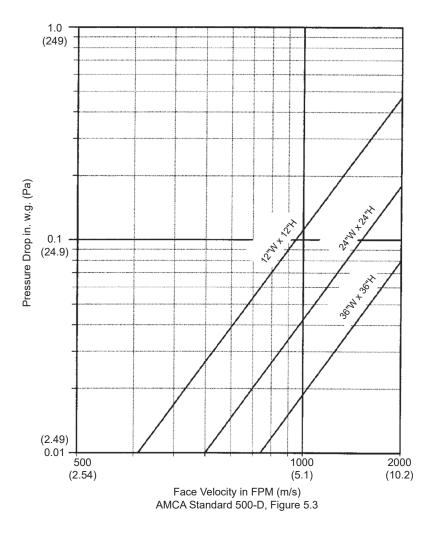
In the interest of product development, Cesco Products reserves the right to make changes without notice.



450 Riverside Dr • Wyalusing PA, 18853 Phone: 570-746-1888 • Fax: 570-746-9286 www.cescoproducts.com

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.



Page 2