

Static Fire Damper • 1½ Hr. Rated • Vertical & Horizontal Mount • Non-Motorized • Out-of-Barrier • Galvanized Steel

### Standard Construction and Materials

**FRAME:** 5½" x 7⁄8" x 16 GA. galvanized steel hat channel.

**BLADES:** 16 GA. galvanized steel, 6" nominal width, 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.

**SLEEVE:** 20 GA galvanized by 15" long (1.5" grille) or 17" long (3.5" grille) with 13/16" front flange, or 18" long (standard) for continuous duct applications.

**INSULATION:** Factory installed 0.2" thick intumescent insulation on top and both sides (vertical mount) or all four sides (horizontal mount).

**FINISH:** Mill.

**ACTUATOR:** Non-motorized spring closure mechanism with 165°F fusible link, internally mounted.

### UNDERWRITERS LABORATORIES INC.®

CLASSIFIED STATIC FIRE DAMPER

FIRE RESISTANCE RATING 1½ HR



FILE # R6462



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 static air conditions.
- Underwriters Laboratories Inc. Classified for use in fire resistive ratings of less than 3 hours.

### Options

Sleeve of various depths and gauges

Round or oval transitions

212°F fusible link

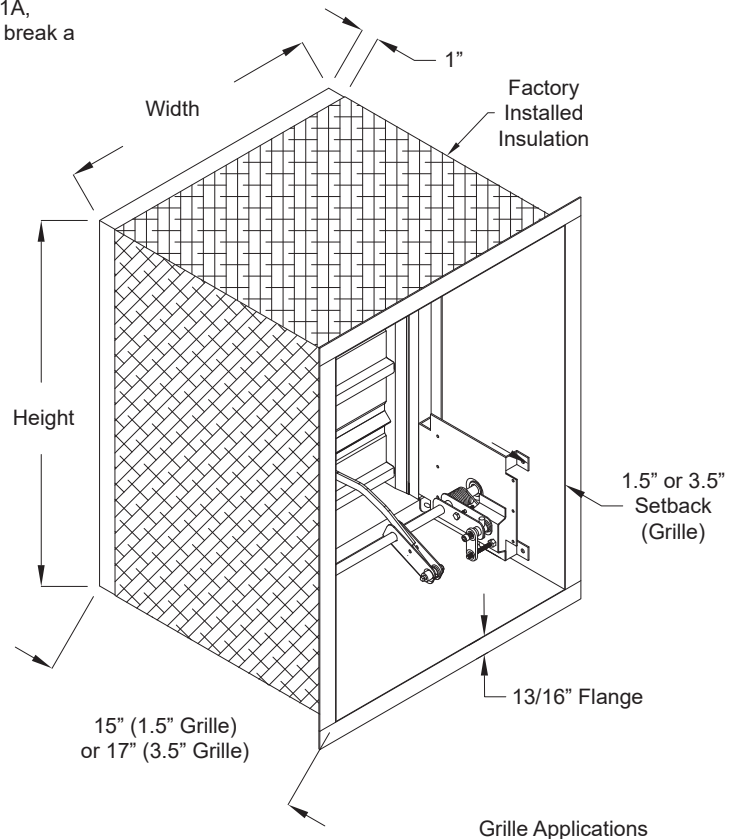
Dual Position Indication Package (see Notes)

### Notes

1. ¼" nominal deduction will be made to the opening size given.
2. Optional auxiliary blade position indication switches are rated at 11A, ½HP, 125VAC. These snap action switches are intended to make or break a circuit and will not provide variable or proportional resistance.

### Damper Sizes

Panels	Min Panel (Horz & Vert)	Max Single Panel (Horz & Vert)
Rectangular	4"W x 4"H (8"W x 8"H frame)	36"W x 42"H
Round	6" dia. (8"W x 8"H frame)	34" dia.
Oval	6"W x 6"H (8"W x 8"H frame)	34"W x 40"H



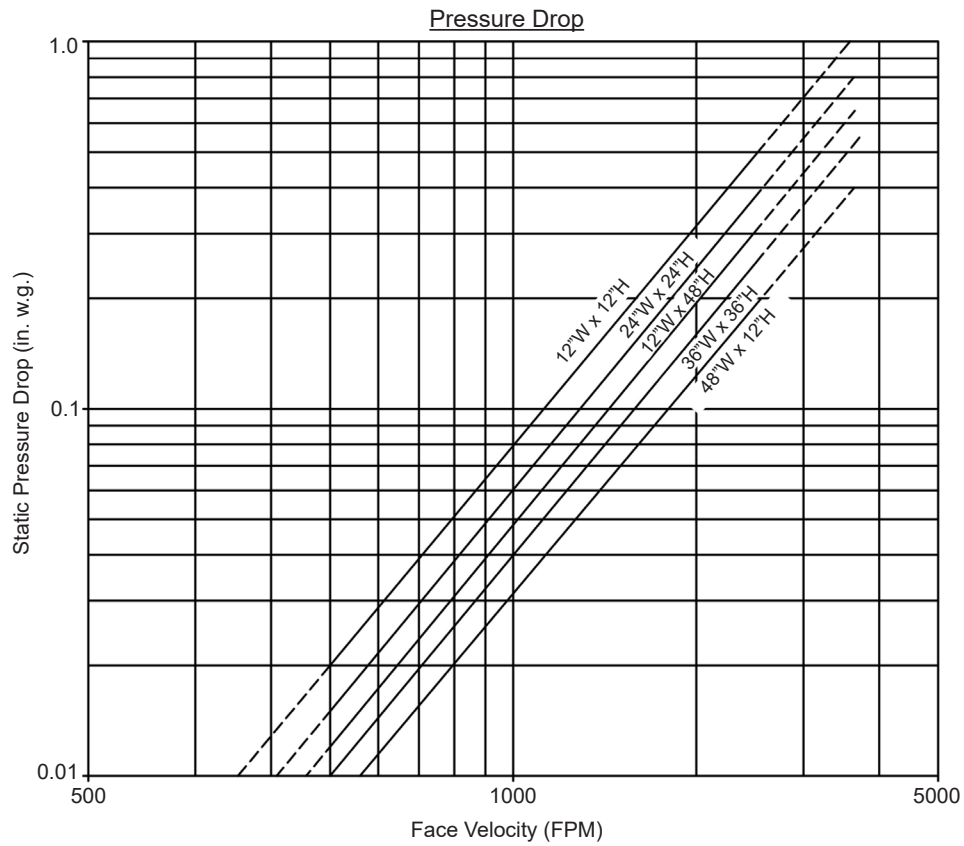
In the interest of product development, CESCO Products reserves the right to make changes without notice.



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■ Performance Data



Item #	Qty	Damper Size	165°F	212°F					
			Fusible Link						Union Made
Arch. / Eng.:			EDR:		ECN:		Job:		
Contractor:									
Project:			Date:		DWN:		DWG:		

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## ■ Installation Configurations

15MS    1    G    2  
I        II        III        IV

### I. Base Model

CA = Airfoil Blade Fire-Smoke Damper  
CG = Single-Thickness Blade Fire-Smoke Damper  
15MA = Airfoil Blade Fire Damper  
15MD = Single-Thickness Blade Dynamic Fire Damper  
15MS = Single-Thickness Blade Static Fire Damper

### II. Leakage Class (Fire-Smoke Dampers Only)

1 = UL Class-I Leakage  
2 = UL Class-II Leakage  
Blank = Leakage Class Not Applicable (Fire Dampers)

### III. Installation Configuration

D = Out-of-barrier Horizontal Grille Application, 3½" Grille Clearance  
E = Out-of-barrier Horizontal Grille Application, 1½" Grille Clearance  
F = Out-of-barrier Vertical Grille Application, 3½" Grille Clearance  
G = Out-of-barrier Vertical Grille Application, 1½" Grille Clearance  
J = Out-of-barrier Horizontal, Continuous Duct  
K = Out-of-barrier Vertical, Continuous Duct

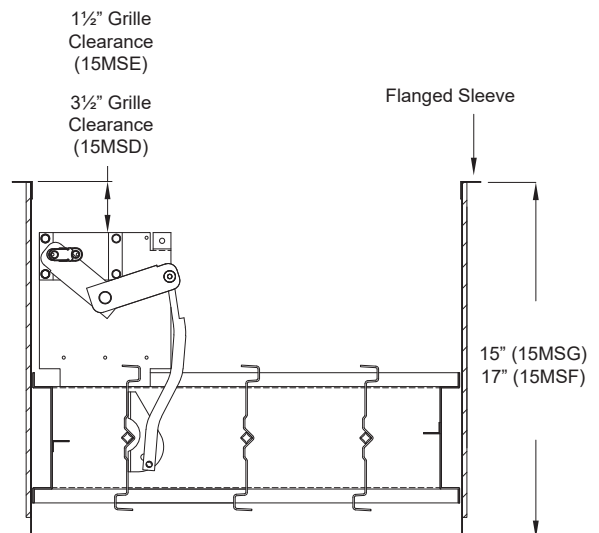
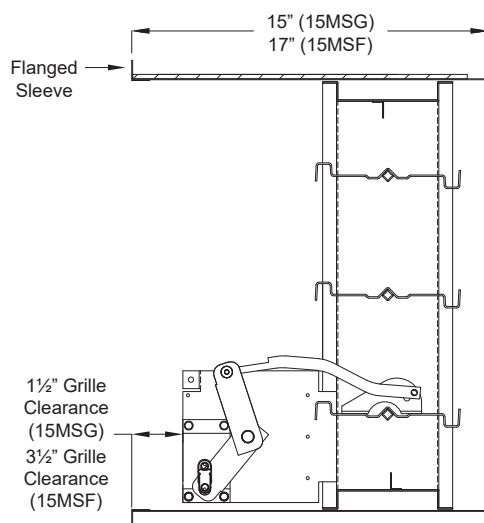
### IV. Temperature Rating (Fire-Smoke Dampers Only)

2 = 250°F  
3 = 350°F  
Blank = Temperature Rating Not Applicable (Fire Dampers)

### NOTE

- All Installations must be in accordance with SI-FAGM and SI-FACD
- Horizontal installations are only approved for masonry/concrete.

## ■ Grille Access Applications



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■ Continuous Duct Applications

