

MODEL FDD-SAHG

CURTAIN FIRE DAMPER

U.L. 555 CLASSIFIED 1-1/2 AND 3 HOURS FOR USE IN DYNAMIC OR STATIC SYSTEMS

Application and Design

Base UL Model: FDD

The Model FDD-SAHG is UL Classified for installation in floors, and partitions with a fire rating of less than 3 hours. This damper may be installed horizontally or vertically in dynamic HVAC systems that continue to operate in the event of fire. Also approved for static systems. (See optional 3 hr rating)

(See optional 5 fil rating)

Standard Construction

Frame: Roll formed Frame - Galvanized Steel - Sleeved **Sleeve:** 20 Ga. Galvanized - 12" Length standard **Blades:** Low Profile Roll Formed - Galvanized Steel

Flange: 3/4"

Closure Springs: Stainless Steel constant force coil

Fusible Link - UL-33: UL Listed 165°F (Standard), 212°F (Optional

Maximum Velocity: 2000 FPM (10.2 M/S)

Maximum Pressure: 4" WG (1KPA)

Model FDD-SAHG meets or complies with the following as a fire damper: All major building codes, including IBC/ICC International Code UL 555 Listing 1-1/2 & 3 Hour - File #R25410 ULC S112

NFPA - 90A, 80

Contractor:

Note: Dampers are furnished Approx. given duct dimensions, unless otherwise noted by breakaway connection.

Standard Sizes (duct) 1-1/2 hr & 3 hr				
Transition	Min. Horizontal Size	Max. Horizontal Size		
Rectangular	6"W X 6"H 152mm X 152mm	36"W X 36"H 914mm X 914mm		
*Round	4" Diameter 102mm	34" Diameter 834mm		

*Optional







CEILING/FLOOR GRILLE TYPICAL HORIZONTAL DAMPER

Optional

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	D = W - 2, H - 2	1½" (32 mm)
346* (94 mm)	Galv. Steel 20ga. Galv. Steel Sleeve 12" (304 mm) Long Standard Interlocking Blades Fusible Link (Replaceable) 165"F Standard Galv. Steel Frame Fusible Link (Replaceable) 165"F Standard Galv. Steel Sleeve 12" (304 mm) Long Standard 165"F Standard 165"F Standard Galv. Steel Frame 165"F Standard 165"F Standa	12" (305 mm) Standard
3* (76 mm) standard	If a constant of the plane of the floor / ceiling after installation. If grille places damper out of the plane, then a OW must be ordered.	

Options:

☐ Factory Sleeve: Ga ((18 Ga min.) hes
☐ Retaining Angles	
☐ One Side	
☐ 3 Hour Rating	
☐ Damper Setback:In	nches
☐ 212°F (100°C) Fuse Link	
☐ Mounting:	
☐Horizontal	
☐ Vertical	

Job Name:	
Location:	
Architect:	
Engineer:	

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☐ Optional Round Collar

REV. NO. 4	APPROVED BY: SDC	DWG. NO.: A-23
MAB	11-06-07	02-10-10
DRAWN BY:	DATE:	REV. DATE:
DD AMAL DV	DATE	DEV DATE