

# DIBD2SSGA

## "Out Of Wall" Grille Access Fire Dampers

1 1/2 Hour UL555 Rated | For Dynamic & Static Systems



### APPLICATION

DIBD2SSGA are 304 or 316 stainless steel dynamic fire dampers designed for "out of wall" applications. The damper and sleeve assembly can be installed completely from one side of the wall and does not require mounting angles on the backside. DIBD2SSGA fire dampers are ideal for any grille application in which the damper cannot be installed in the wall. DIBD2SSGA fire dampers can be configured for installation up to 8" (203) out of the wall and can be built with any transition; round, oval, rectangular, on the sleeve side opposite grille, for connection to ductwork.

### STANDARD CONSTRUCTION

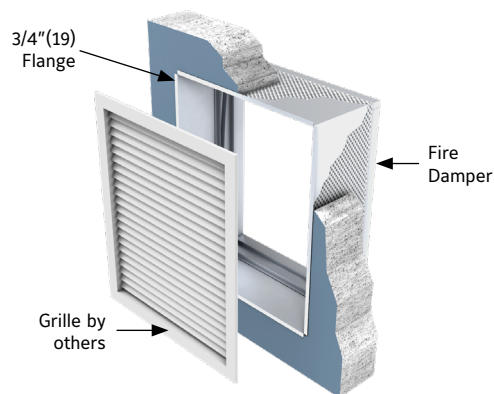
Frame	304 or 316 stainless steel (in gauges required by UL listing R-5531).
Blades	304 or 316 stainless steel (in gauges required by UL listing R-5531).
Sleeve (Required)	Minimum 6" (152) 20 gauge (1.0) stainless steel with 3/4" (19) Flange one end. Factory installed thermal blanket insulation around perimeter of sleeve.
Fusible Link	165°F (74°C) is standard. 212°F (100°C) is available as an option.
Mounting	Vertical.

### DAMPER SIZES

Minimum Size	Vertical Installation: Style A – 4"w x 4"h (102 x 102)
Maximum Size	Vertical Installation: Style A – 36"w x 36"h (914 x 914)

### OPTIONS

SP200 Switch Package to remotely indicate damper blade position
Greater Grille Depth – Consult Ruskin
Sleeves of various lengths and gauges to insure field compliance with UL installation requirements
Galvanized Steel See DIBD2SSGA



DIBD2SSGA fire dampers meet the requirements for fire dampers established by:

- ▶ National Fire Protection Association  
NFPA Standards 80, 90A, 92A, 92B and 101
- ▶ ICC International Building Codes
- ▶ CSFM California State Fire Marshal  
Listing (#3225-245:005)



SEE COMPLETE  
MARKING ON PRODUCT

**UL CLASSIFIED**  
UL555 Listing R5531  
ULCS112

Note:

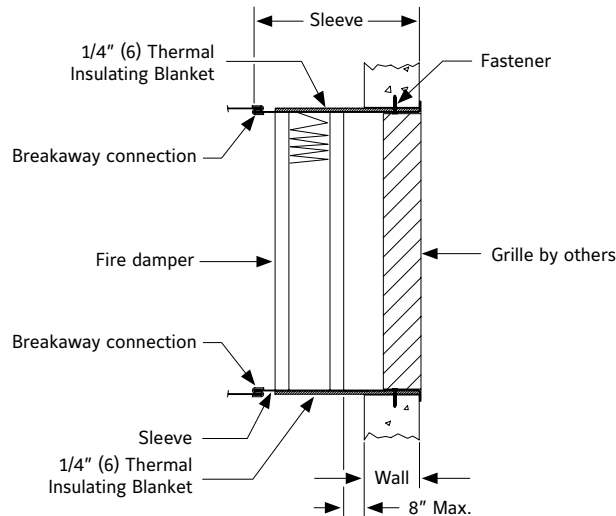
- Damper furnished actual size to inside of sleeve.
- Dimensions shown in parentheses ( ) indicate millimeters.

## TYPICAL INSTALLATION

### Wall opening

The opening in the wall shall be sized to accommodate the overall size of the damper, sleeve and insulation assembly. No expansion gap is required. For proper installation frame and finish the opening so it is 1/2" (13) larger in width and 1/2" (13) larger in height than the duct size.

For example a 24"w x 20"h (610 x 508) damper requires a wall opening of 24 1/2"w x 20 1/2"h (622 x 521). The damper/sleeve to duct connection remains 24"w x 20"h (610 x 508) and is the dimension used for grille considerations.



Minimum Sleeve Length		
Grille Depth	Minimum Sleeve Length Without Duct Connection	Minimum Sleeve Length With 2" Duct Connection
1" (25.4)	6" (152.4)	8" (203.2)
2" (50.8)	7" (177.8)	9" (228.6)
3" (76.2)	8" (203.2)	10" (254)
4" (101.6)	9" (228.6)	11" (279.4)
5" (127)	10" (254)	12" (304.8)
6" (152.4)	11" (279.4)	13" (330.2)
7" (177.8)	12" (304.8)	14" (355.6)
8" (203.2)	13" (330.2)	15" (381)

### LINKS TO IMPORTANT DOCUMENTS

#### Document Title

Limited Warranty Document



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