

Application

Model OFD-150 is a static rated out of wall fire damper for use in HVAC systems that are automatically shut down in the event of a fire. This fire damper is rated for use in walls or partitions with less than 3 hour fire resistance rating and can be mounted vertically or horizontally. Removal of grille allows access to the damper and fusible link.

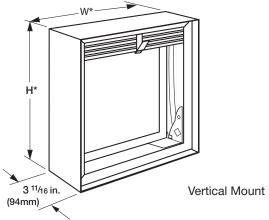
Ratings

UL 555 Fire Resistance Rating

Fire Rating: 11/2 hours

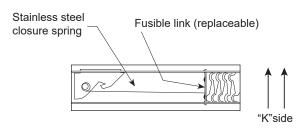
Construction

	Standard	Optional	
Frame Depth	3 ¹¹ / ₁₆ in. (94mm)		
Frame Material	Galvanized steel*	-	
Blade Material	Galvanized steel*	-	
Closure Spring	Stainless steel	-	
Fusible Link	165°F (74°C)	212°F (100°C)	
Mounting	Vertical	Horizontal	
* in gauges required by UL listing R13317			



*W & H dimensions furnished approximately $\frac{1}{4}$ in. (6mm) undersize. (Add blanket thickness [$\frac{1}{4}$ in. (32mm)] plus sleeve thickness for overall sleeved damper dimension.)

Oversize opening as follows: Nominal damper size + % in. (9.5mm).



Horizontal Mount





See complete marking on product.

UL 555 Classification R13317

Model OFD-510 meets the requirements for smoke dampers established by:

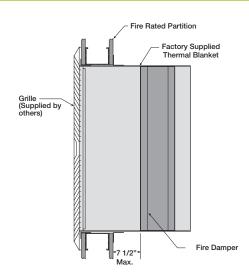
National Fire Protection Association

NFPA Standards 80, 90A, & 101

International Building Codes (IBC)

California State Fire Marshal (CSFM)

Fire Damper Listing (#3225-0981:0102)



Options

- Closed indicator switch
- Grille tabs
- Retaining Angles
- Transitions: B2

Document Links



INSTALLATION



CATALOG



SELECTION GUIDE



INSTALLATION SOLUTIONS



WARRANTY



SPECIFICATIONS

Size Limitations

Type B2

The following chart shows minimum and maximum damper sizes. Dimensions are in inches (mm in parentheses).

In also a (mana)	Single Section	
Inches (mm)	Minimum	Maximum
Type A	4 x 4 (102 x 102)	36 x 36 (914 x 914)
Tuna DO	4 x 3	36 x 31

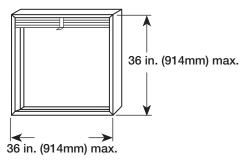
(914 x 787)

Type A

Maximum Single Section Dimensions

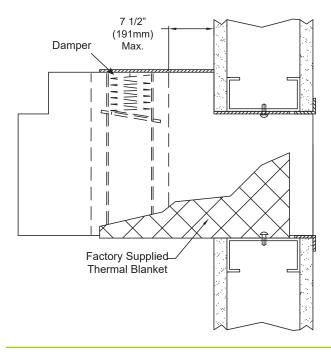
Maximum Single Section Dimensions

 (102×76)

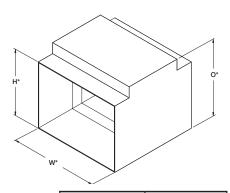


Type B2

When B2 transition is selected, a factory mounted sleeve is provided.



Type B2 Overall Damper Dimensions



H*	O*	
3 (76)	5 (127)	
4 (102)	6 (152)	
5 (127)	7 (178)	
6 (152)	8 (203)	
7 (178)	9 (229)	
8 (203)	10 (254)	
9 (229)	11 (279)	
10 (254)	12 (305)	
11 (279)	13 (330)	
12 (305)	14 (356)	
13 (330)	15 (381)	
14 (356)	16 (406)	
15 (381)	18 (457)	
16 (406)	19 (483)	
17 (432)	20 (508)	
18 (457)	21 (533)	
19 (483)	22 (559)	
20 (508)	23 (584)	
21 (533)	24 (610)	
22 (559)	26 (660)	
23 (584)	27 (686)	
24 (610)	28 (711)	
25 (635)	29 (737)	
26 (660)	30 (762)	
27 (686)	31 (787)	
28 (711)	32 (813)	
29 (737)	33 (838)	
30 (762)	34 (864)	
31 (787)	36 (914)	

 $^{^{\}star}$ Dimensions in inches (mm). These dimensions are furnished $^{1\!\!/}\!_{4}$ in. (6mm) undersize.



product changes without notice