

1 1/2 Hour Fire Resistance Rating
Vertical or Horizontal mount

APPLICATION

Model OFD-150 is approved for use in walls, partitions, and floors with fire resistance ratings less than 3 hours. This model has been approved for use out of the wall/floor and carries a 1 1/2 hour UL fire damper label. Removal of grille allows access to damper and fusible link. UL 555 classifies static rated fire dampers for use in HVAC systems that are automatically shut down in the event of fire.

Ratings

UL555 Fire Resistance Rating
Fire Rating: 1 1/2 hours

Construction	Standard	Optional
Frame Material	Galvanized Steel*	-
Frame Depth	3 11/16 in. (94mm)	-
Blade Material	Galvanized steel*	-
Closure Spring	Stainless Steel	-
Fusible Link	165°F (74°C)	212°F or 286°F (100°C) or (141°C)
Mounting	Vertical	Horizontal

* in gauges required by UL listing R-13317

OPTIONAL FEATURES:

- POC retaining angles
- Sealed transition and sleeves
- B2 transitions

INSTALLATION

All fire damper installations require the use of sleeves, angles and methods described in Greenheck Fire Damper Installation Instructions #461337, included with every damper shipment. Sleeves are factory furnished as a complete damper/sleeve assembly.

Model OFD-150 meets the requirements for fire dampers established by:

National Fire Protection Association
(NFPA Standards 80, 90A & 101)

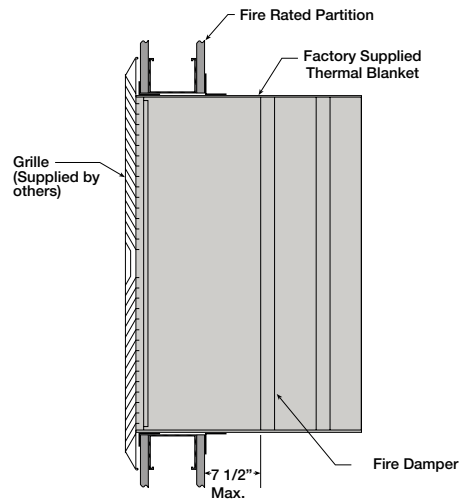
Underwriters Laboratories Standard 555 (Listing #R-13317)

IBC International Building Codes

CSFM California State Fire Marshal

Fire Damper Listing (#3225-0981:102)

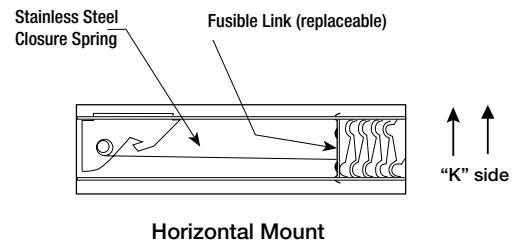
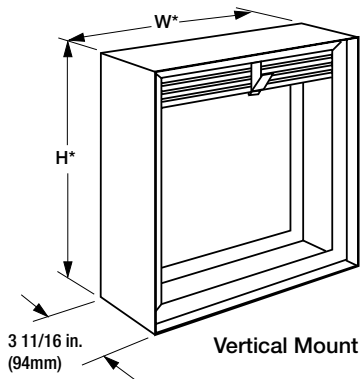
New York City (MEA listing #260-91-M)



* W & H dimensions furnished approximately 1/4 in. (6mm) undersize. (Add blanket thickness (1/8 in. [3.2mm]) and sleeve thickness for overall sleeved damper dimension)

Oversize opening as follows:

Nominal damper size plus 3/8 in. (9.5mm)



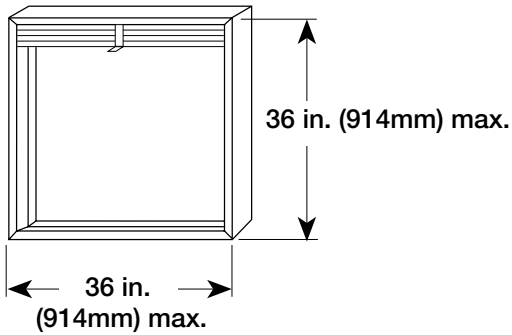
The following chart shows minimum and maximum damper sizes. Dimensions are in inches (mm in parentheses).

Size Limitations

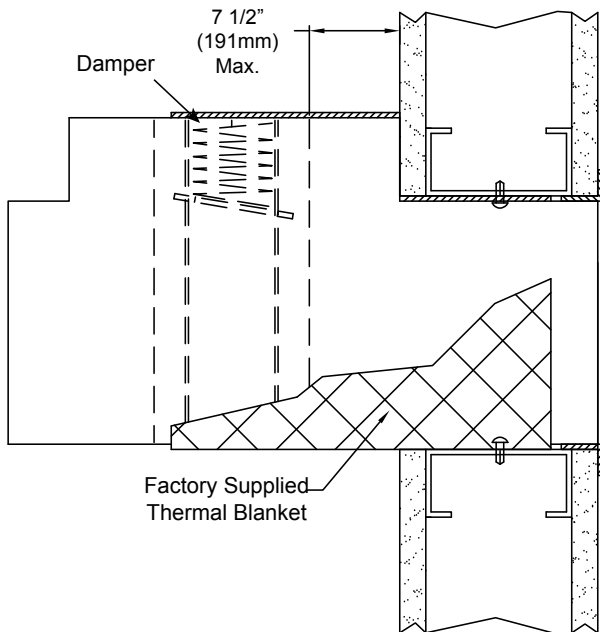
Inches (mm)	Type A		Type B2	
	Minimum	Maximum	Minimum	Maximum
Single Section	4 x 4 (102 x 102)	36 x 36 (914 x 914)	4 x 3 (102 x 76)	36 x 30 (914 x 762)

Type A

Maximum Single Section Dimensions

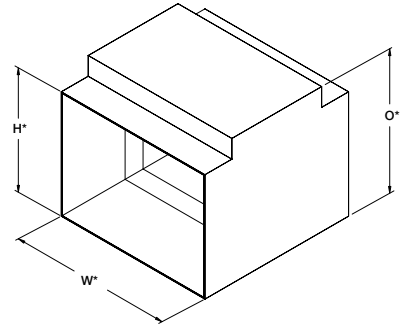


Type B2



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)

* Dimensions in inches (mm). These dimensions are furnished 1/4 in. (6mm) undersize.

