



MODEL FDD-C DYNAMIC CURTAIN TYPE FIRE DAMPERS DYNAMIC CLOSURE MODELS — 1¹/₂ & 3 HOUR

Standard Construction:

- Frame:** Roll Formed Galvanized Steel with Safety Edge.
- Blades:** Roll Formed Galvanized Steel, Curtain-Type
- Springs:** Stainless Steel.
- Fusible Link:** U.L. Listed 165°F, and 212°F available

1-1/2 & 3 Hr. Vertical:

- Min. Size:** 5" w X 3" h
(127mm x 76mm)
- Max. Single Sect.:** 35" w X 31" h
(889mm x 787mm)
- Max. Size:** 71" w X 31" h
(1803mm x 787mm)

1-1/2 & 3 Hr. Horizontal:

- Min. Size:** 5" w X 3" h
(127mm x 76mm)
- Max. Single Sect.:** 23" w X 20" h
(584mm X 508mm)
- Max. Size:** 35" w X 32" h
(889mm x 813mm)
- Maximum Velocity:** 2000 fpm (10.2 m/s)
- Maximum Pressure:** 4" wg (1kPa)

Optional Construction:

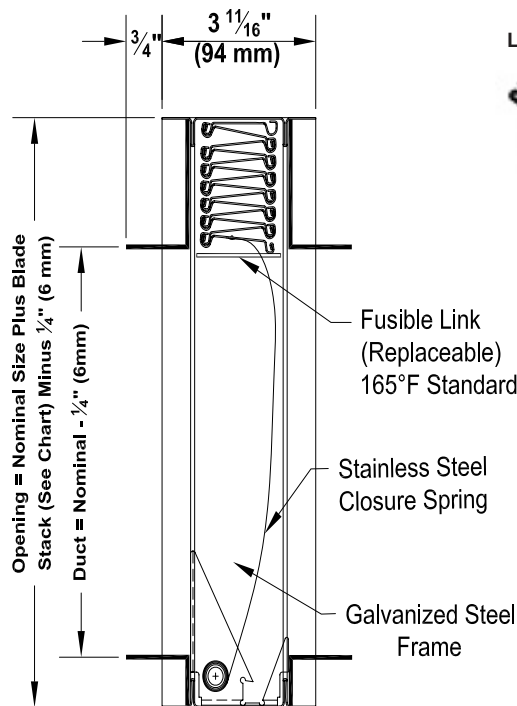
- Factory Supplied Sleeve 18 - 10 Ga Sleeve Length (Required)
- 3 Hour Rating

- | | |
|--|---|
| <input type="radio"/> FDD-(V/H)C | SQ/RECTANGLE OPENING |
| <input type="radio"/> FDD-(V/H)C-HP | SQ/RECTANGLE OPENING - HIGH PRESSURE |
| <input type="radio"/> FDD-(V/H)C-M/H | SQ/RECTANGLE OPENING - MED./HIGH PRESSURE |
| <input type="radio"/> FDD-R(V/H)C | ROUND OPENING |
| <input type="radio"/> FDD-R(V/H)C-LP | ROUND OPENING - LOW PRESSURE |
| <input type="radio"/> FDD-R(V/H)C-HP | ROUND OPENING - HIGH PRESSURE |
| <input type="radio"/> FDD-R(V/H)C-M/H | ROUND OPENING - MED./HIGH PRESSURE |
| <input type="radio"/> FDD-(V/H)C-O | OVAL OPENING |
| <input type="radio"/> FDD-(V/H)C-O-HP | OVAL OPENING - HIGH PRESSURE |
| <input type="radio"/> FDD-(V/H)C-O-M/H | OVAL OPENING - MED./HIGH PRESSURE |

Manufacturer's Recommendations

All moving parts of the damper must be inspected and cycled at intervals not greater than 6-12 months the first year and then every 4 years after, or in accordance with the latest edition of NFPA 90A, 92A, and local codes. In addition, fuse links shall be removed and inspected for corrosion. Dry lubricants are recommended.

VERTICAL DAMPER



DESIGNED AND TESTED IN ACCORDANCE WITH UL-555 AND ULC-S112. MEETS ALL NFPA-90A REQUIREMENTS FOR FIRE DAMPERS.

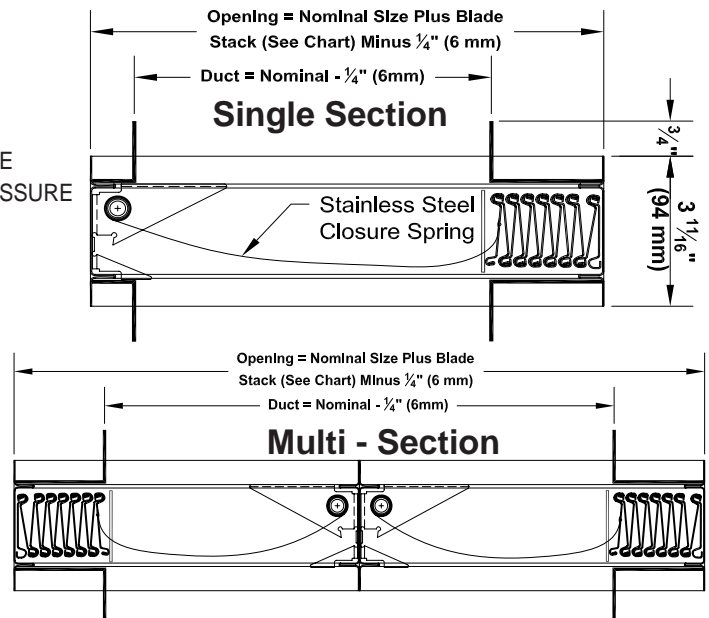
LISTED AND LABELLED BY:



Note:
Non-sleeved dampers are furnished approximately 1/4" (6.4 mm) smaller than nominal dimensions. Sleeved dampers are furnished approximately nominal dimension size, unless otherwise noted.

"These Dampers are UL/ULC Approved For Use in Dynamic and Static Systems."

HORIZONTAL DAMPER



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FDD-C - 01-07

Project:

Contractor:

Location:

Address:

Architect:

P.O. Number:

Engineer:

Date:



MODEL FDD-C
DYNAMIC CURTAIN TYPE FIRE DAMPERS
DYNAMIC CLOSURE MODELS — 1½ & 3 HOUR

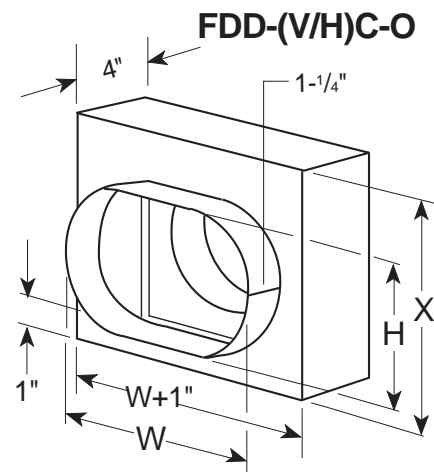
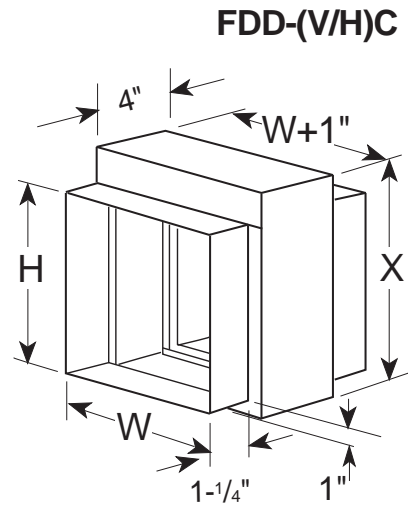
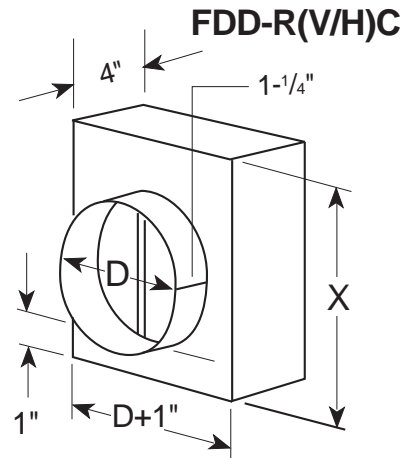
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SIZE CHART

Duct Height	Type C-R, C-S/R & C-OV Damper Height
Inches	Inches
3	6
4	7
5	8
6	9
7	10
8	11
9	12
10	13
11	14
12	15
13	16
14	17
15	18
16	19
17	20
18	21
19	22
20	23
21	25
22	26
23	27
24	28
25	29
26	30
27	31
28	32
29	33
30	34
31	35
32	36

FDD-C - 01-07

X = DAMPER HEIGHT



W = Width (Duct)
 H = Height (Duct)
 X = Variable (See Size Chart)