



MODEL FDD-C

DYNAMIC CURTAIN TYPE FIRE DAMPERS

DYNAMIC CLOSURE MODELS — 1½ & 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.

1-1/2 & 3 Hr. Vertical:

Min. Size: 5"w X 3"h
(127mm x 76mm)

Max. Size: 35"w X 31"h
(889mm x 787mm)

1-1/2 & 3 Hr. Horizontal:

Min. Size: 5"w X 3"h
(127mm x 76mm)

Max. Single Sect.: 17"w X 15"h
(432mm X 381mm)

Max. Size: 35"w X 32"h
(889mm x 813mm)

Optional Construction:

☐ Factory Supplied Sleeve
18 - 16 - 14 - 10 Gauge
Sleeve Length (Required)

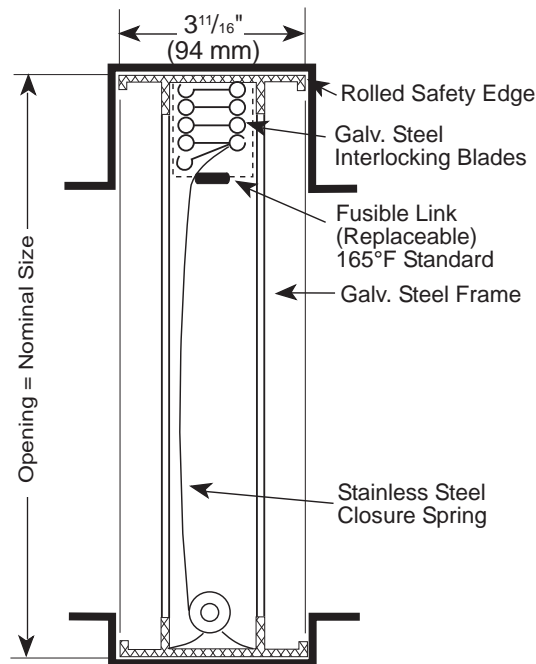
☐ 3 Hour Rating

- | | |
|--|---|
| <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 - MEDIUM/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 - MEDIUM/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 - MEDIUM/HIGH PRESSURE |

Manufacturer's Recommendations

All moving parts of the damper must be inspected and cycled at intervals not greater than every six months and in accordance with the latest edition of NFPA 90A, 92A, local codes and the actuator manufacturer. 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:

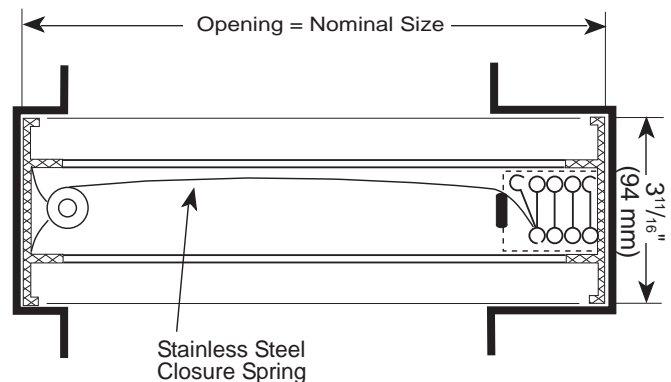


Note:

Dampers are furnished approximately 1/4" (6.4mm) smaller than given duct dimensions.

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

HORIZONTAL DAMPER



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FDD-C - 02-05

Project:

Contractor:

Location:

Address:

Architect:

P.O. Number:

Engineer:

Date:

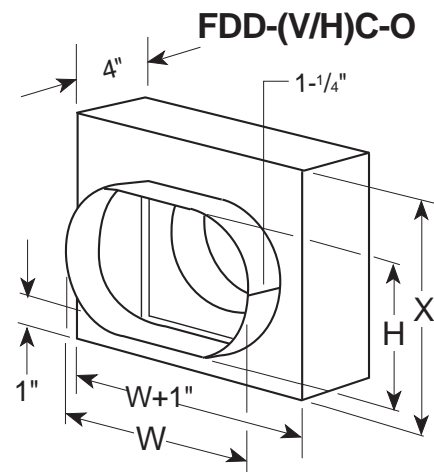
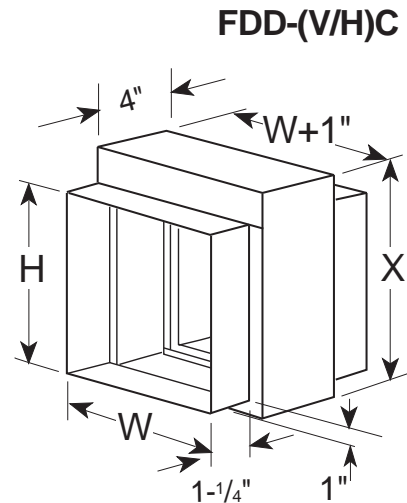
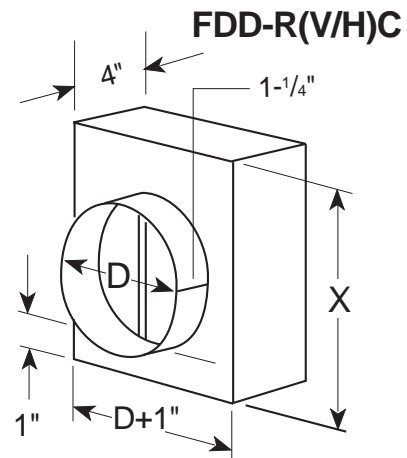


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DYNAMIC CLOSURE MODELS — 1½ & 3 HOUR

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

X = DAMPER HEIGHT



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