



MODEL FD-C STATIC CURTAIN TYPE FIRE DAMPERS HORIZONTAL AND VERTICAL — 1¹/₂ or 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.

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

Max. Size: 119" w X 114" h (3020mm x 2893)

Single Section Max: 59" w X 54" h (1499mm x 1372mm)

3HR Max. Size: 79" w X 35" h (2005mm x 889mm)

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

Max. Size: 119" w X 35" h (3020mm x 889mm)

Single Section Max: 39" w X 35" h (991mm x 889mm)

3HR Max. Size: 79" w X 35" h (2005mm x 889mm)

Optional Construction:

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

- 3 Hour Rating

- Fuse Link 212°F

100% Free Area:

- FD-R(V/H)C ROUND OPENING
- FD-R(V/H)C-LP ROUND OPENING - LOW PRESSURE
- FD-R(V/H)C-H/P ROUND OPENING - HIGH PRESSURE
- FD-(V/H)C-O OVAL OPENING
- FD-(V/H)C-O-HP OVAL OPENING - HIGH PRESSURE
- FD-(V/H)C SQ/RECTANGLE OPENING
- FD-(V/H)C-H/P SQ/RECTANGLE OPENING - HIGH PRESSURE
- FD-(V/H)C-M/H ROUND OPENING - MEDIUM/HIGH PRESSURE
- FD-(V/H)C-O-M/H OVAL OPENING - MEDIUM/HIGH PRESSURE
- FD-(V/H)C-M/H SQ/RECTANGLE OPENING - MEDIUM/HIGH PRESSURE

Notes: Non-sleeved Dampers are furnished approximately 1/4" (6.4mm) smaller than given duct dimensions. Sleeved Dampers are furnished approximately same size as given duct dimensions, unless otherwise noted.

Manufacturer's Recommendations

"These Dampers are UL/ULC Approved For Use in Static Systems Where The Fan Shuts Down in the Event of a Fire."

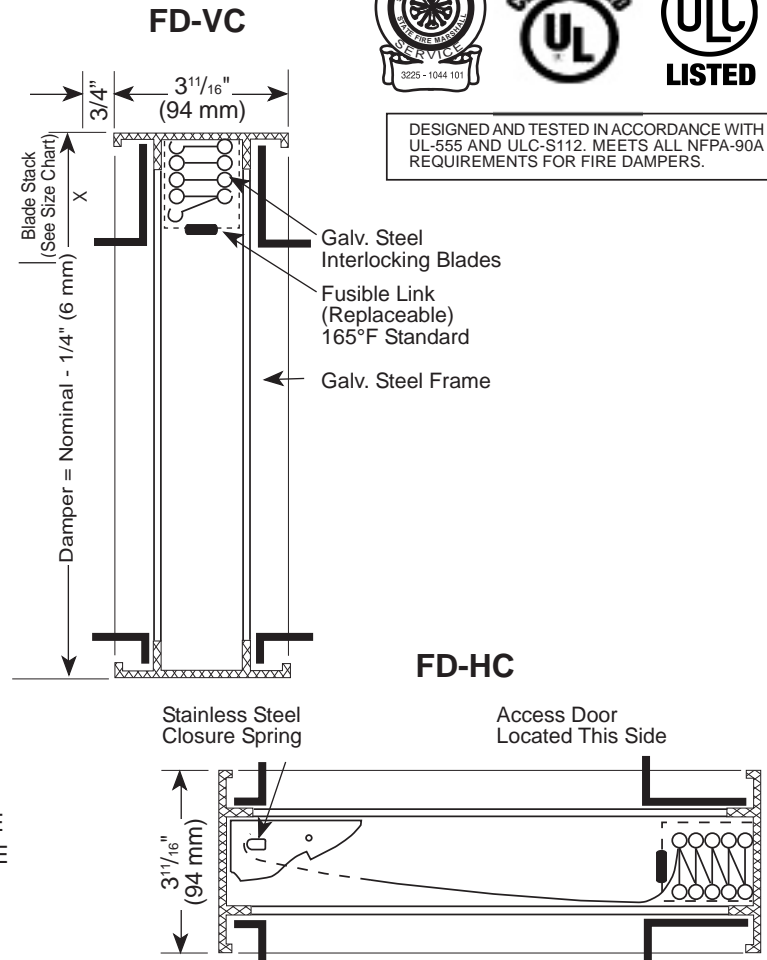
All moving parts of the damper must be inspected and cycled at intervals not greater than 6-12 months the first year and then every 4 years after, or in accordance with the latest edition of NFPA 90A, 92A, local codes and the actuator manufacturer. In addition, fuse links shall be removed and inspected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

Specifications are correct at time of printing. However, as part of our 'continuous improvement program,' we reserve the right to make further improvements without notice. © 2007 NCA Manufacturing

LISTED AND LABELLED BY:



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



FD-C - 09-05

Project:

Contractor:

Location:

Address:

Architect:

P.O. Number:

Engineer:

Date:

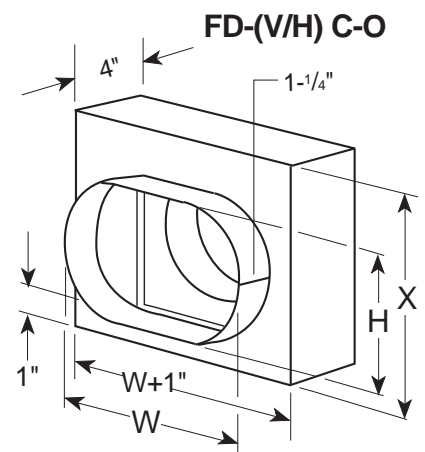
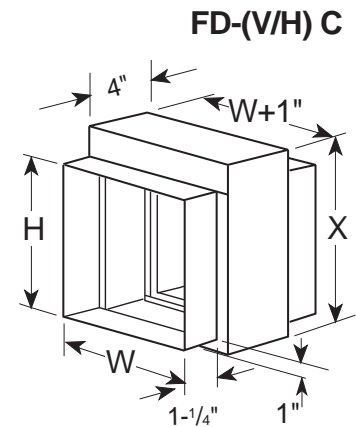
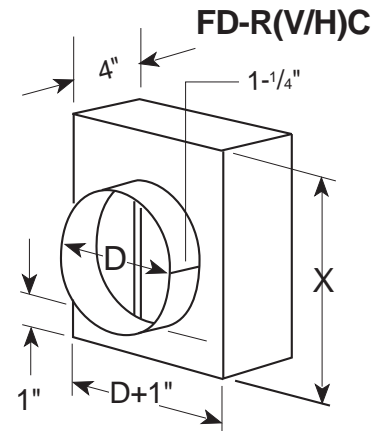


MODEL FD-C STATIC CURTAIN TYPE FIRE DAMPERS HORIZONTAL AND VERTICAL — 1¹/₂ or 3 HOUR FIRE DAMPER SIZE CHART

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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	37
33	38
34	39
35	40
36	41
37	42
38	43
39	44
40	45
41	46
42	47
43	49
44	50
45	51
46	52
47	53
48	54
49	55
50	56
51	57
52	58
53	59
54	60
55	59
56	60
57	61
58	62
59	63
60	64
61	65

Duct Height	Type C-R, C-S/R & C-OV Damper Height
Inches	Inches
62	66
63	67
64	68
65	70
66	71
67	72
68	73
69	74
70	75
71	76
72	77
73	78
74	79
75	80
76	81
77	82
78	83
79	84
80	85
81	86
82	87
83	88
84	89
85	91
86	92
87	93
88	94
89	95
90	96
91	97
92	98
93	99
94	100
95	101
96	102
97	103
98	104
99	105
100	106
101	107
102	108
103	109
104	110
105	111
106	112
107	113
108	114
109	115
110	116
111	117
112	118
113	119
114	120



W = Width (Duct)

H = Height (Duct)

X = Variable (See Size Chart)

FD-C - 02-05

X = DAMPER HEIGHT