



MODEL FD-B
STATIC CURTAIN TYPE FIRE DAMPERS
HORIZONTAL AND VERTICAL — 1 1/2 & 3 HOUR

Standard Construction:

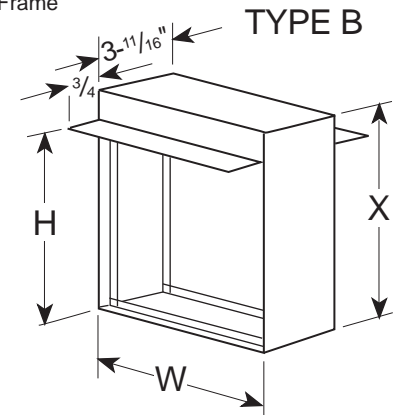
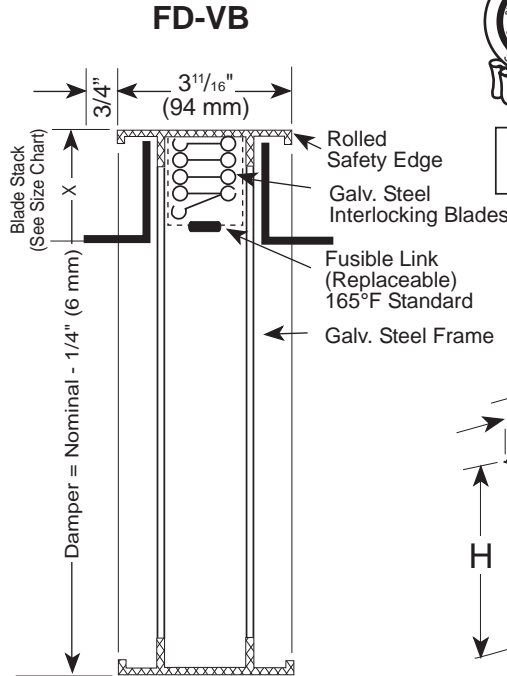
- Frame:** Roll Formed Galvanized Steel with Safety Edge.
- Blades:** Roll Formed Galvanized Steel, Curtain-Type
- Springs:** Stainless Steel.
- Fusible Link:** U.L. Listed 165°F.
- 1-1/2 Hr. Vertical**
 - Min. Size:** 4" w X 3" h (102 mm x 76 mm)
 - Max. Size:** 120" w X 115" h (3048 mm x 2919 mm)
 - Single Section Max:** 60" w X 55" h (1524 mm x 1307 mm)
- 1-1/2 Hr. Horizontal**
 - Min. Size:** 4" w X 3" h (102 mm x 76 mm)
 - Max. Size:** 120" w X 36" h (3048 mm x 914 mm)
 - Single Section Size:** 40" w X 36" h (1016 mm x 914 mm)
- 3 Hr. Vertical**
 - Min. Size:** 4" w X 3" h (102 mm x 76 mm)
 - Max. Size:** 80" w X 36" h (2032 mm x 914 mm)
 - Single Section Size:** 40" w X 36" h (1016 mm x 914 mm)
- 3 Hr. Horizontal**
 - Min. Size:** 4" w X 3" h (102 mm x 76 mm)
 - Max. Size:** 80" w X 36" h (2032 mm x 914 mm)
 - Single Section Size:** 40" w X 36" h (1016 mm x 914 mm)



LISTED AND LABELLED BY:



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

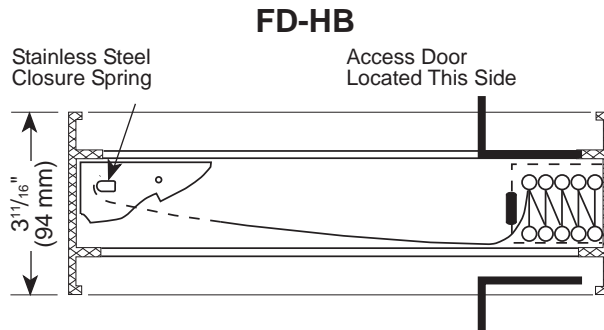


W = Width (Duct) H = Height (Duct)
 X = Variable (See Size Chart)

Optional Construction:

- Factory Supplied Sleeve 18 - 16 - 14 - 10 Gauge Sleeve Length (Required)
- 3 Hour Rating
- Fuse Link 212°F

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



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.

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. © 2003 NCA Manufacturing

FD-B - 02-05

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

Project: _____ Contractor: _____
 Location: _____ Address: _____
 Architect: _____ P.O. Number: _____
 Engineer: _____ Date: _____

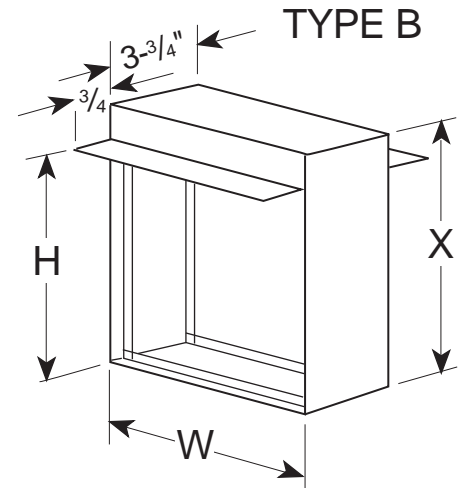


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 STATIC CURTAIN TYPE FIRE DAMPERS
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 FIRE DAMPER SIZE CHART*

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Duct Height	Type "B" Damper Height
Inches	Inches
3	5
4	6
5	7
6	8
7	9
8	10
9	11
10	12
11	13
12	14
13	15
14	16
15	17
16	18
17	19
18	20
19	21
20	22
21	24
22	25
23	26
24	27
25	28
26	29
27	30
28	31
29	32
30	33
31	34
32	35
33	37
34	38
35	39
36	40
37	41
38	42
39	43
40	44
41	45
42	46
43	48
44	49
45	50
46	51
47	52
48	53
49	54
50	55
51	56
52	57
53	58
54	59
55	60
56	59
57	60
58	61
59	62
60	63
61	64

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



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

X = DAMPER HEIGHT