

Static Fire Damper, Horizontal and Vertical

Model

Static Fire Damper **FD-C**

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: 3"w x 3"h (76mm x 76mm) or 4" (102) round

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

Max. Size: 119"w x 114"h (3023mm x 2896mm)

1 1/2 Hr. Horizontal:

Min. Size: 3"w x 3"h (76mm x 76mm) or 4" (102) round

Single Section Size: 39"w x 35"h (991mm x 889mm) or 47"w x 42"h (1194mm x 1067mm)

Max. Size: 119"w x 35"h (3023mm x 889mm) or 95"w x 42"h (2413mm x 1067mm)

3 Hr. Vertical:

Min. Size: 3"w x 3"h (76mm x 76mm) or 4" (102) round

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

Max. Size: 79"w x 35"h (2007mm x 889mm)

3 Hr. Horizontal:

Min. Size: 3"w x 3"h (76mm x 76mm) or 4" (102) round

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

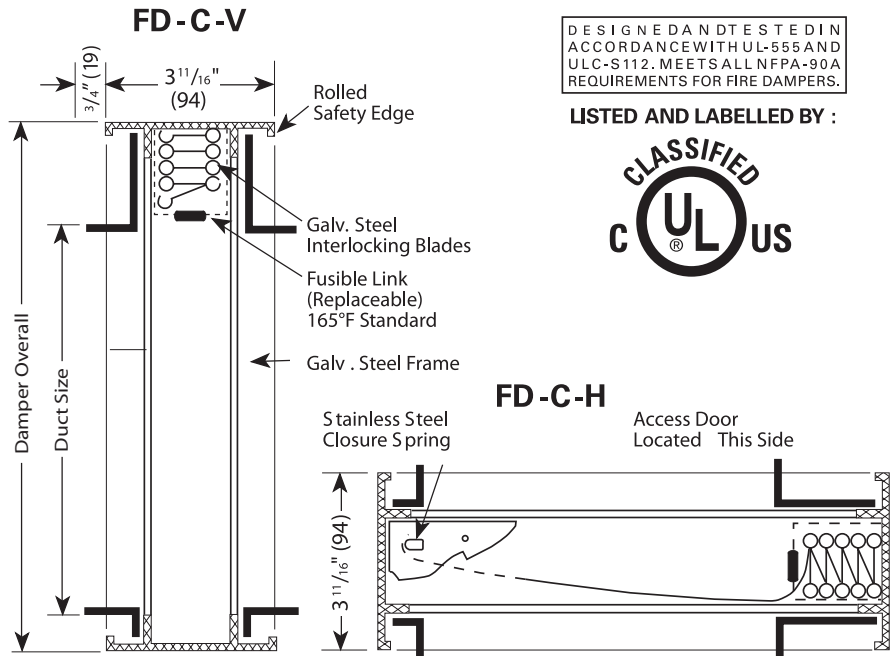
Max. Size: 79"w x 35"h (2007mm x 889mm)

Optional Construction:

- Factory Supplied Sleeve see submittal for FD-C c/w sleeve.
- 3 Hour Rating
- Fuse Link 212°F

Notes: Dampers are furnished approximately 1/4" (6mm) smaller than given duct dimensions.

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



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

LISTED AND LABELLED BY:



Models:

- FD-RC - round inlet
- FD-SRC - square/rectangular inlet
- FD-OVC - oval inlet

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.

PROJECT:			
ENGINEER:			
CUSTOMER:		Feb / 14	
SUBMITTAL DATE:	SPEC. SYMBOL:	244991	

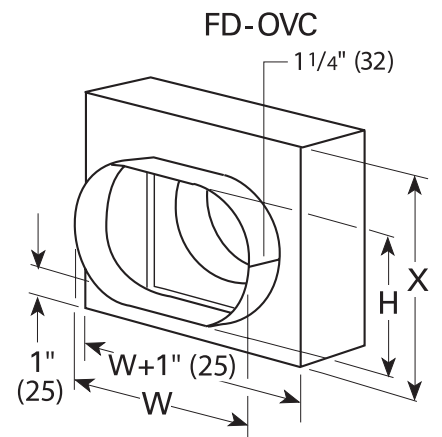
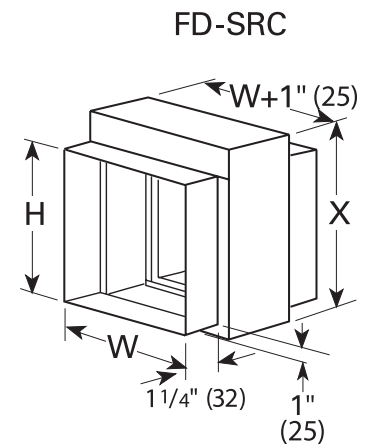
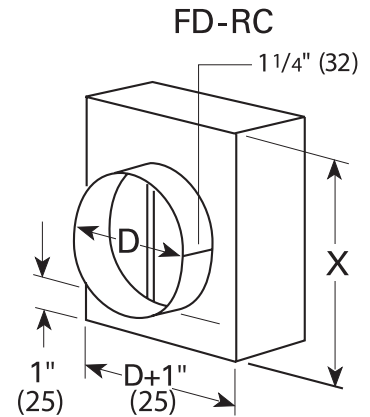
Model FD-C
 1½, 3 Hour Rated
 "C" Style



Static Fire Damper, Horizontal and Vertical

Duct Height	Type C 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 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)

X = DAMPER HEIGHT

All Metric dimensions () are soft conversion.
 Imperial dimensions are converted to metric and rounded to the nearest millimetre.

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Static Fire Damper, Horizontal and Vertical

Model

Static Fire Damper **FD-C-S c/w sleeve**

Standard Construction:

Frame: Roll Formed Galvanized Steel.

Blades: Roll Formed Galvanized Steel, Curtain-Type

Springs: Stainless Steel.

Fusible Link: U.L. Listed 165°F.

1 1/2 Hr. Vertical:

Min. Size: 3"w x 3"h (76mm x 76mm) or 4" (102) round

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

Max. Size: 119"w x 114"h (3023mm x 2896mm)

1 1/2 Hr. Horizontal:

Min. Size: 3"w x 3"h (76mm x 76mm) or 4" (102) round

Single Section Size: 39"w x 35"h (991mm x 889mm) or 47 x 42 (1174mm x 1067mm)

Max. Size: 119"w x 35"h (3023mm x 889mm) or 95 x 42 (2413mm x 1067mm)

3 Hr. Vertical:

Min. Size: 3"w x 3"h (76mm x 76mm) or 4" (102) round

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

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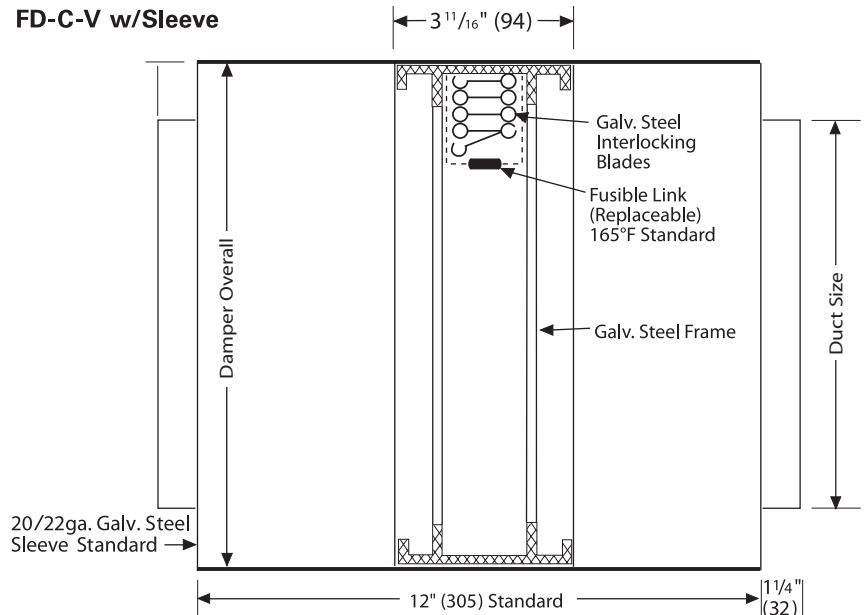
Optional Construction:

- Sleeve Gauge
 - 18 ga.
 - 16 ga.
 - 14 ga.
 - 10 ga.
 - Sleeve Length (Required) _____
- 3 Hour Rating
- Fuse Link 212°F

Models:

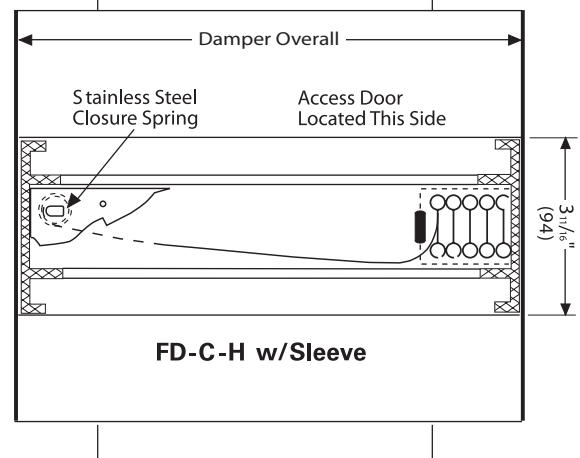
- FD-RC - round inlet
- FD-SRC - square/rectangular inlet
- FD-OVC - oval inlet

FD-C-V w/Sleeve



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LISTED AND LABELLED BY :



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PROJECT:			
ENGINEER:			
CUSTOMER:		Feb / 14	
SUBMITTAL DATE:	SPEC. SYMBOL:	244992	

Model FD-C-S c/w sleeve

1 1/2, 3 Hour Rated

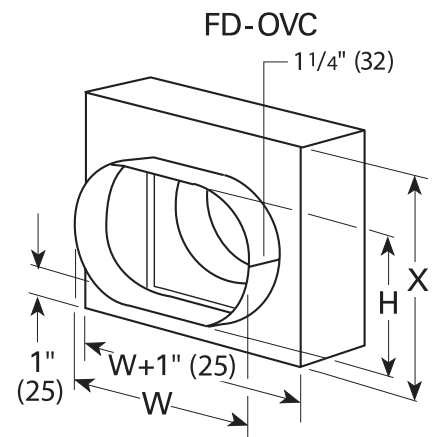
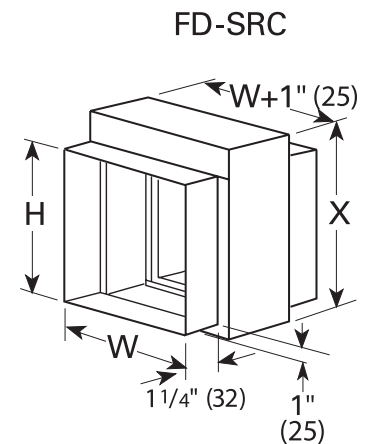
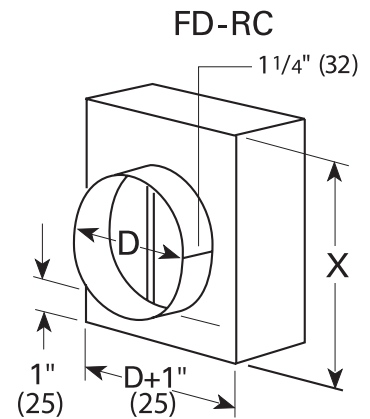
"C" Style



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54	60
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