

MODEL FDD-C
CURTAIN FIRE DAMPER
U.L. 555 CLASSIFIED 1-1/2 AND 3 HOURS
FOR USE IN DYNAMIC OR STATIC SYSTEMS

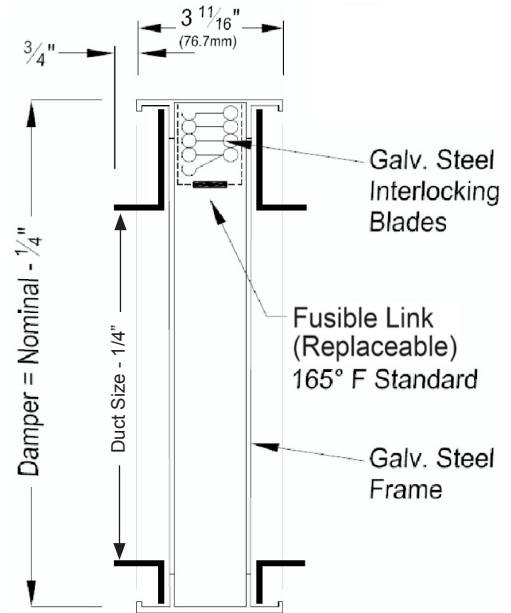
Application and Design

The Model FDD-C is UL Classified for installation in walls, floors, and partitions with a fire rating of less than 3 hours. This damper may be installed vertically or horizontally in dynamic HVAC systems that continue to run in the event of fire. Also approved for static systems. (See optional 3 hr rating)

Standard Construction

- Frame:** Roll formed Frame - Galvanized Steel
- Blades:** Low Profile Roll Formed - Galvanized Steel
- Closure Springs:** Stainless Steel constant force coil
- Fusible Link - UL-33:** UL Listed 165°F (Standard), 212°F (Optional)
- Maximum Velocity:** 2000 FPM (10.2 M/S)
- Maximum Pressure:** 4" WG (1KPA)

Model FDD-C meets or complies with the following as a fire damper:
All major building codes, including IBC/ICC International Code
UL 555 Listing 1-1/2 and 3 Hour - File #R25410
ULC S112
NFPA - 90A, 80



Options:

- Factory Sleeve:** _____ Ga, (20 Ga min.)
Sleeve Length: _____ inches
- Retaining Angles**
 - One Side _____
 - Both Sides _____
- 3 Hour Rating**
- Taped & Sealed Transition for Medium Pressure System**
- Caulked & Sealed Damper Frame/Sleeve**
- Mounting:**
 - Horizontal
 - Vertical

Note: Dampers are furnished Approx. 1/4" undersized as given duct dimensions, unless otherwise noted.

Standard Sizes (duct) 1-1/2 HR. & 3 HR.		
Min. V or H	Max. Vertical Size	*Max. Horizontal Size
5" X 3" 127mm X 76mm	*71"W X 32"H 1803mm X 813mm	*35"W X 32"H 889mm X 813mm

* May consist of multi-sections

Job Name: _____
Location: _____
Architect: _____
Engineer: _____
Contractor: _____

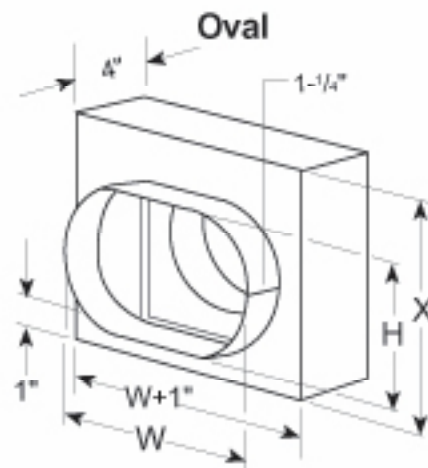
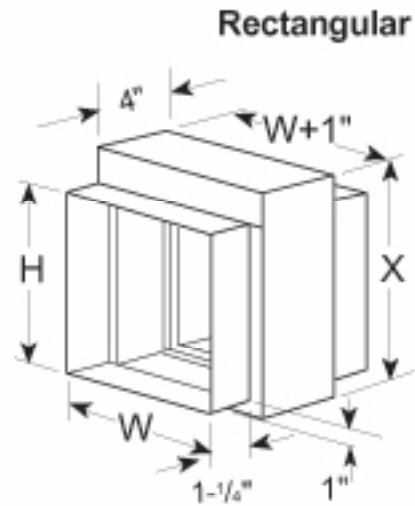
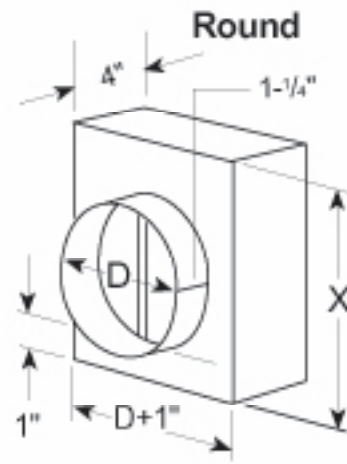
MODEL FDD-C Rectangular
 Round
 Oval

DRAWN BY: MAB	DATE: 10-24-07	REV. DATE: 1-7-14
REV. NO. 5	APPROVED BY: SDC	DWG. NO.: A-12

SIZE CHART

Duct Height	Height "X" Dimension
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)