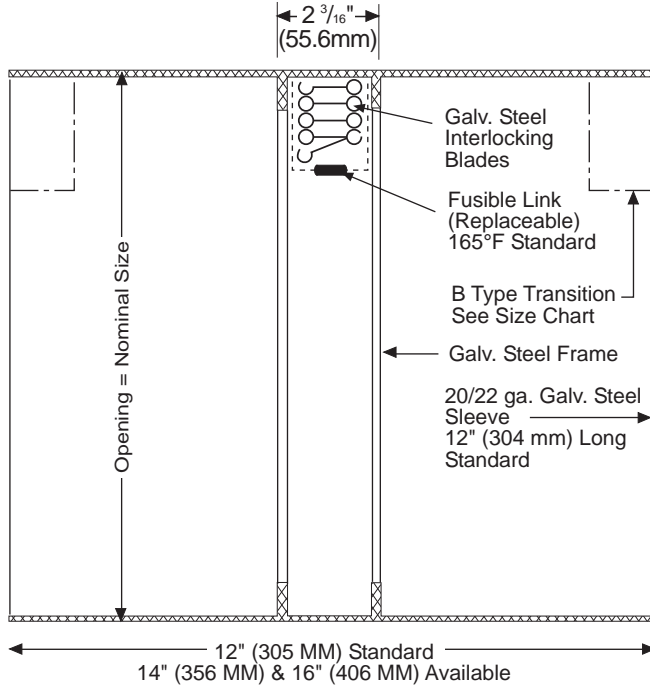


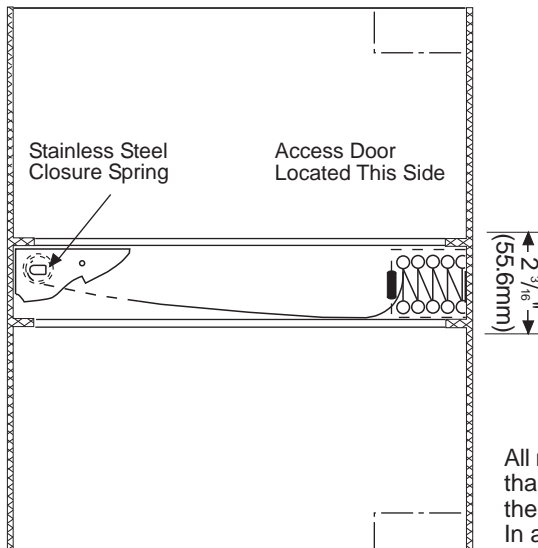


# MODEL FD-B-S STATIC CURTAIN INTEGRAL SLEEVE FIRE DAMPERS HORIZONTAL AND VERTICAL — 1<sup>1</sup>/<sub>2</sub> or 3 HOUR

**FD-VB-S12**



**FD-HB-S12**



FD-B-S - 1-08

LISTED AND LABELLED BY:



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

**Standard Construction:**

- Frame:** 12" 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:** 5" w X 3" h (127 mm x 76 mm)
- Max. Size:** 48" w X 43" h (1219 mm x 1092 mm)

**1-1/2 Hr. Horizontal:**

- Min. Size:** 5" w X 3" h (127 mm x 76 mm)
- Max. Size:** 40" w X 36" h (1016 mm x 914 mm)

**Optional Construction:**

- 14" - 16" Sleeve/Frame
- Fully Sealed Sleeves
- Fuse Link 212°F
- 3 Hour Rating

**Notes:** Sleeved Dampers are furnished approximately same size as given duct dimensions, unless otherwise noted.

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

**Manufacturer's Recommendations**

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

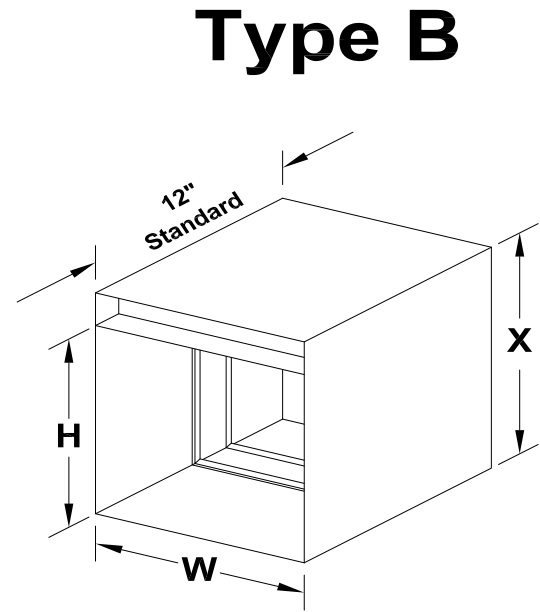
Project:	Contractor:
Location:	Address:
Architect:	P.O. Number:
Engineer:	Date:



**MODEL FD-B-S**  
**STATIC CURTAIN INTEGRAL SLEEVE FIRE DAMPERS**  
**HORIZONTAL AND VERTICAL — 1<sup>1</sup>/<sub>2</sub> or 3 HOUR**  
**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



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

FD-B-S - 07-07

**X = DAMPER HEIGHT**