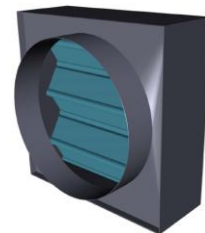


• UL 555 & CAN/ULC-S112 Classified Static Fire Damper, 1½ Hr. Label (File # R25565).

• NFPA 80, 90A & 101 compliant.

• NBC and IBC building codes compliant.



STANDARD CONSTRUCTION

DEPTH: 4 ¼" (108).

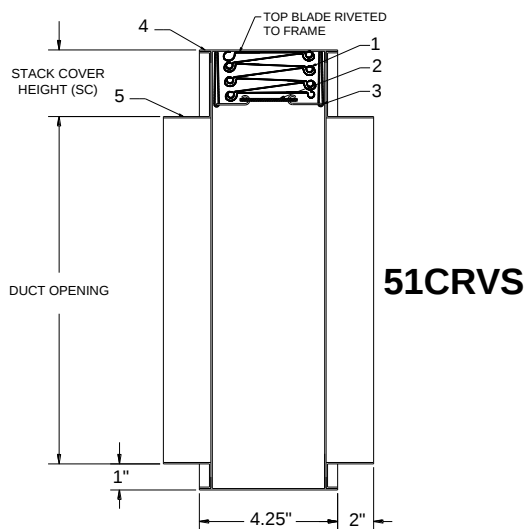
FRAME: Roll formed 20 Ga. galvanized steel with hemmed edge.

BLADE: Roll formed 22 Ga. galvanized steel.
Interlocking curtain type blade.

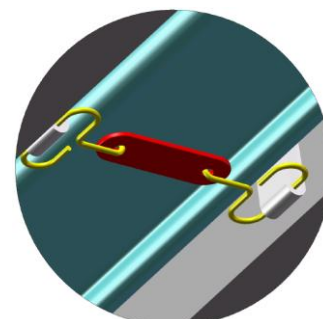
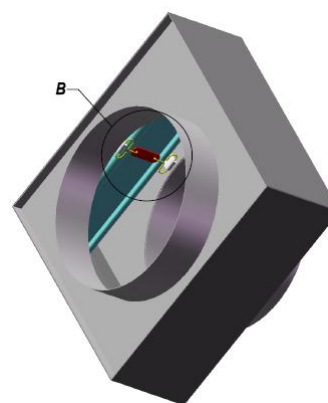
FUSIBLE LINK: 165°F (74 C).

OPTIONAL CONSTRUCTION

- ☐ Factory supplied Sleeve (**Required for all multiple section sizes;** collars will be fastened to sleeve ends).
- ☐ Access Door factory mounted in a common sleeve.
- ☐ 212°F (100 C) Fusible Link.
- ☐ 1 ½" x 1 ½" Retaining Angles.
- ☐ Sealed for medium/high pressure (up to 6"w.g./1.5 kPa).

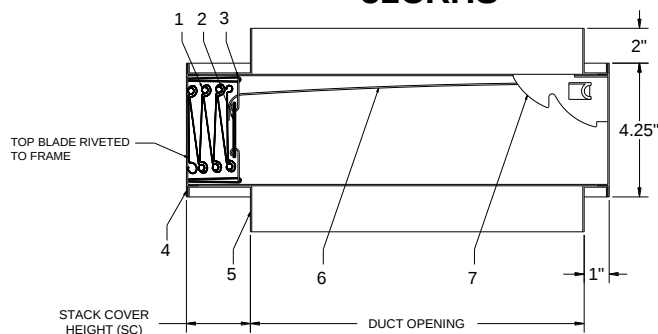


51CRVS



DETAIL B

51CRHS



FIRE DAMPER COMPONENTS

- | | |
|--------------------------|--------------------------|
| 1. Blade | 5. Round Collar |
| 2. Fusible Link Assembly | 6. Lock Ramp |
| 3. Link Strap | 7. Constant Force Spring |
| 4. Frame | |

MAINTENANCE RECOMMENDATIONS:

NFPA 80 advises that fire dampers be inspected and tested 1 year after installation, then every 4 years minimum. More frequent inspections may be required due to system use and air conditions, or applicable local codes.

NOTES:

These static dampers are UL/ULC approved for use in HVAC systems where the fans automatically shut down in the event of a fire alarm. 1½ hr. labeled fire dampers are suitable for use in fire separations with a fire resistance rating of 2 hours or less.

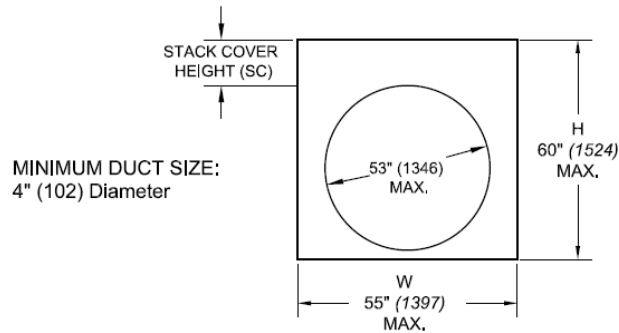
Fire dampers must be installed in accordance with manufacturer's instructions. Refer to Alumavent installation instructions for details.

Dimensions are shown in inches (mm).

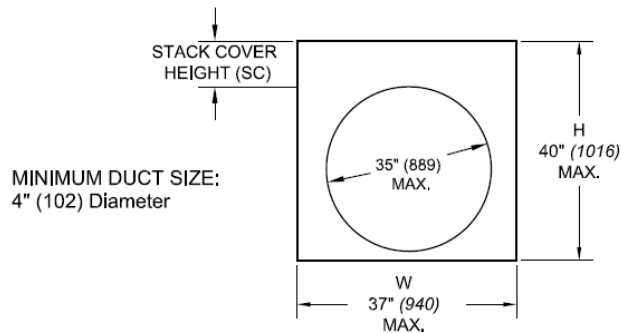
DUCT Ø	W x H
4 (102)	6 x 6 (152 X152)
5 (127)	7 x 7 (178 X 178)
6 (152)	8 x 8 (203 X 203)
7 (178)	9 x 9 (229 X 229)
8 (203)	10 x 11 (254 X 279)
9 (229)	11 x 12 (279 x 305)
10 (254)	12 x 13 (305 x 330)
11 (279)	13 x 14 (330 x 356)
12 (305)	14 x 15 (356 x 381)
13 (330)	15 x 16 (381 x 406)
14 (356)	16 x 17 (406 x 432)
15 (381)	17 x 18 (432 x 457)
16 (406)	18 x 20 (457 x 508)
17 (432)	19 x 21 (483 x 533)
18 (457)	20 x 22 (508 x 559)
19 (483)	21 x 23 (533 x 584)
20 (508)	22 x 24 (559 x 610)
21 (533)	23 x 25 (584 x 635)
22 (559)	24 x 26 (610 x 660)
23 (584)	25 x 27 (635 x 686)
24 (610)	26 x 28 (660 x 711)
25 (635)	27 x 29 (686 x 737)
26 (660)	28 x 30 (711 x 762)
27 (686)	29 x 32 (737 x 813)
28 (711)	30 x 33 (762 x 838)
29 (737)	31 x 34 (787 x 864)
30 (762)	32 x 35 (813 x 889)
31 (787)	33 x 36 (838 x 914)
32 (813)	34 x 37 (864 x 940)
33 (838)	35 x 38 (889 x 965)
34 (864)	36 x 39 (914 x 991)
35 (889)	37 x 40 (940 x 1016)
36 (914)	38 x 42 (965 x 1067)
37 (940)	39 x 43 (991 x 1092)
38 (965)	40 x 44 (1016 x 1118)
39 (991)	41 x 45 (1041 x 1143)
40 (1016)	42 x 46 (1067 x 1168)
41 (1041)	43 x 47 (1092 x 1194)
42 (1067)	44 x 48 (1118 x 1219)
43 (1092)	45 x 49 (1143 x 1245)
44 (1118)	46 x 50 (1168 x 1270)
45 (1143)	47 x 52 (1194 x 1321)
46 (1168)	48 x 53 (1219 x 1346)
47 (1194)	49 x 54 (1245 x 1372)
48 (1219)	50 x 55 (1270 x 1397)
49 (1245)	51 x 56 (1295 x 1422)
50 (1270)	52 x 57 (1321 x 1448)
51 (1295)	53 x 58 (1346 X 1473)
52 (1321)	54 x 59 (1372 X 1499)
53 (1346)	55 x 60 (1397 X 1524)

UNITS: INCHES (MM)

VERTICAL



HORIZONTAL



NOTE: All multiple section sizes require a factory sleeve. Collars will be fastened to sleeve ends.

REF. #	QTY.	DUCT DIAMETER (Ø)	MOUNT (V/H)	ACCESSORIES

DAMPER WILL BE MANUFACTURED APPROXIMATELY ¼" (6) SMALLER THAN GIVEN DIMENSIONS.

PROJECT NAME:		ENGINEER:	
CONTRACTOR:		SUBMITTAL DATE:	