

- 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:** 4¼" (108).

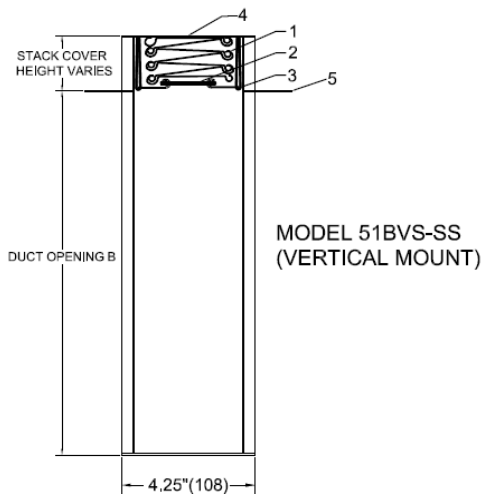
**FRAME:** Roll formed Type 304 Stainless Steel with hemmed edge.

**BLADES:** Roll formed Type 304 Stainless Steel. Interlocking curtain type.

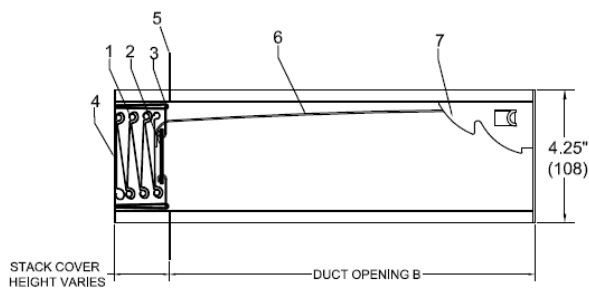
**FUSIBLE LINK:** 165°F (74 C).

### OPTIONAL CONSTRUCTION

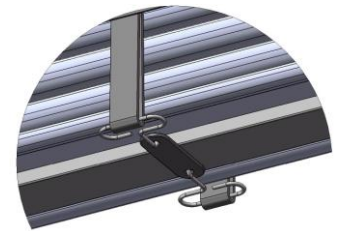
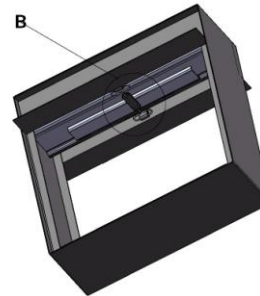
- ☐ Type 316 Stainless Steel Construction.
- ☐ Factory Supplied Sleeve – 22, 20, 18 or 16 Ga. Sleeve Length Required.
- ☐ 212°F (100 C) Fusible Link.
- ☐ 1½" x 1½" Retaining Angles.



MODEL 51BVS-SS  
(VERTICAL MOUNT)



MODEL 51BHS-SS  
(HORIZONTAL MOUNT)



DETAIL B

### 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.

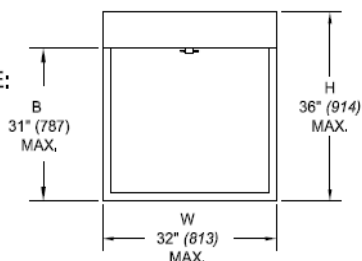
**Fire dampers must be installed in accordance with manufacturer's instructions. Refer to Alumavent installation instructions for details.**

### FIRE DAMPER COMPONENTS

- |                          |                               |
|--------------------------|-------------------------------|
| 1. S.S. Blades           | 5. S.S. Blade Stack Cover     |
| 2. Fusible Link Assembly | 6. S.S. Constant Force Spring |
| 3. S.S. Link Strap       | 7. S.S. Lock Ramp             |
| 4. S.S. Frame            |                               |

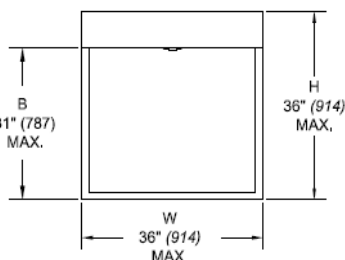
SINGLE SECTION DAMPER  
-VERTICAL MOUNT

MINIMUM DUCT SIZE:  
4"X4"(102X102)

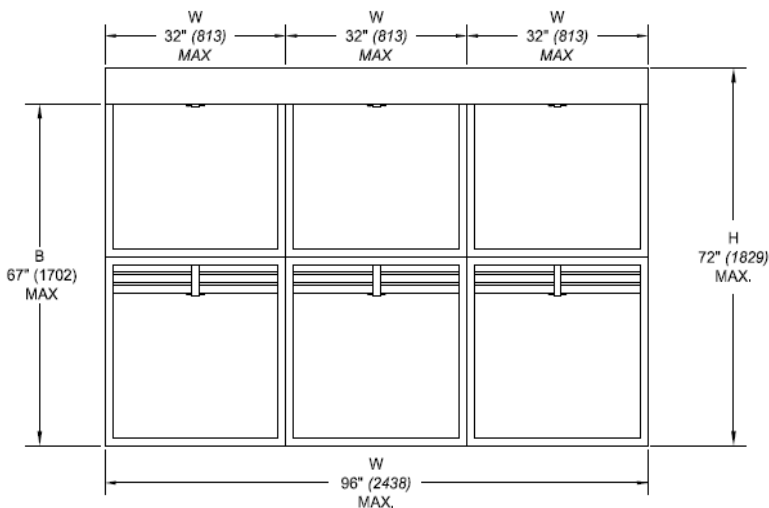


SINGLE SECTION DAMPER  
-HORIZONTAL MOUNT

MINIMUM DUCT SIZE:  
4"X4"(102X102)



MULTIPLE SECTION DAMPER  
-VERTICAL MOUNT ONLY



NOTE: SEE TYPE B STAINLESS STEEL STATIC 1½ HOUR SIZING CHART [SC51BS-SS](#) FOR OVERALL DAMPER DIMENSIONS.

REF. #	QTY.	DUCT WIDTH (W)	DUCT HEIGHT (H)	MOUNT (V/H)	ACCESSORIES

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

PROJECT NAME:

ENGINEER:

CONTRACTOR:

SUBMITTAL DATE: