

**Dynamic Fire Damper • 1½ Hr. Rated • Horizontal and Vertical Mount • Non-Motorized • Stainless Steel**Standard Materials and Construction**FRAME:** 5½" x 7⁄8" x 16 GA. 304 stainless steel hat channel.**BLADE:** 16 GA. 304 stainless steel single thickness, parallel action.**AXLES:** 304 stainless steel stub.**BEARINGS:** Stainless steel.**LINKAGE:** 304 stainless steel angle and crank plates with stainless steel pivots, in-jamb type or on-blade type.**STOPS:** 18 GA. 304 stainless steel at head and sill.**JAMB SEALS:** Stainless steel.**FINISH:** Mill.**ACTUATOR:** Non-motorized spring closure mechanism with 165°F fusible link.**UNDERWRITERS LABORATORIES INC.®**

CLASSIFIED DYNAMIC FIRE DAMPER

FIRE RESISTANCE RATING 1½ HR



FILE # R19235



This fire damper meets the construction and performance requirements of

- Underwriters Laboratories Inc. Standards 555
- National Fire Protection Association Standards 80, 90A, 101
- ICC's International Building Code

- Underwriters Laboratories Inc. Approved for dual direction airflow and dynamic conditions.
- Underwriters Laboratories Inc. Classified for use in fire resistive ratings of less than 3 hours.

Options

212°F replaceable fusible link

Factory-supplied sleeves (20 GA. through 10 GA.)

Round, oval, and square/rectangular transitions

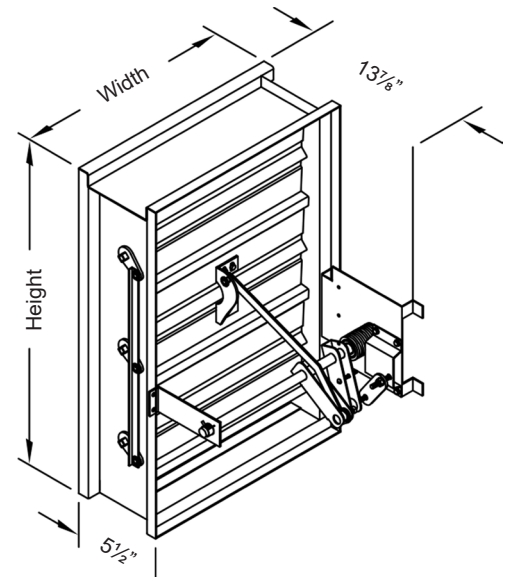
Tab-Lock retaining angles

Notes

1. Width and Height are opening dimensions. Dampers are provided ¼" undercut. Additional undercut may be required based on damper size, refer to installation instructions.

Damper Sizes

| Orientation            | Horizontal & Vertical | Horizontal    |                        | Vertical               |                        |
|------------------------|-----------------------|---------------|------------------------|------------------------|------------------------|
|                        |                       | Minimum Panel | Maximum Single Section | Maximum Single Section | Maximum Assembly Panel |
| 2000 FPM<br>4 in. w.g. | 8"W x 8"H             | 24"W x 24"H   | N/A                    | 36"W x 32"H            | 108"W x 32"H           |
| 4000 FPM<br>4 in. w.g. | 8"W x 8"H             | 24"W x 24"H   | N/A                    | 36"W x 32"H            | N/A                    |



|               |     |             |             |          |              |       |      |  |      |                       |
|---------------|-----|-------------|-------------|----------|--------------|-------|------|--|------|-----------------------|
|               |     |             |             |          |              |       |      |  |      |                       |
|               |     |             |             |          |              |       |      |  |      |                       |
|               |     |             |             |          |              |       |      |  |      |                       |
| Item #        | Qty | Damper Size | Horizontal  | Vertical | 165°F        | 212°F |      |  |      | <u>Union<br/>Made</u> |
|               |     |             | Orientation |          | Fusible Link |       |      |  |      |                       |
| Arch. / Eng.: |     |             |             |          | EDR:         |       | ECN: |  | Job: |                       |
| Contractor:   |     |             |             |          |              |       |      |  |      |                       |
| Project:      |     |             |             |          | Date:        |       | DWN: |  | DWG: |                       |



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In the interest of product development, Arrow United reserves the right to make changes without notice.  
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