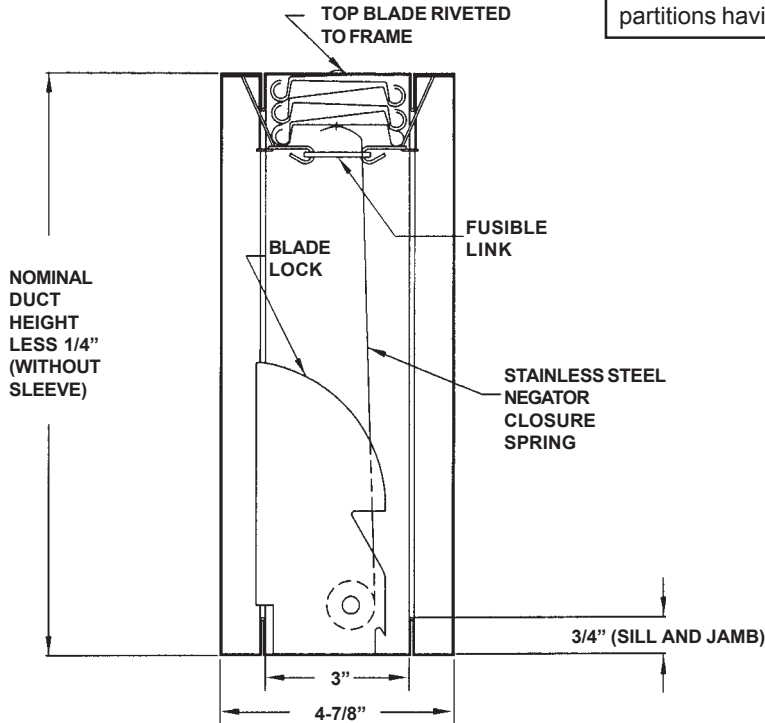


FIRE/SEAL® UL-CLASSIFIED 1 1/2-HR. DYNAMIC RATED FIRE DAMPER

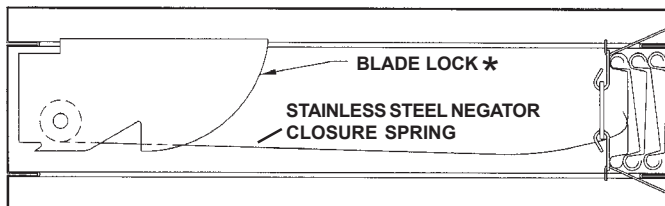
MODEL D17A
Vertical & Horizontal Mount

Classified by Underwriters Laboratories as a 1 1/2-hour fire protection rated Fire Damper, FOR USE IN DYNAMIC SYSTEMS, in accordance with Standards UL-555 and NFPA-90A, for the protection of openings in fire partitions having a fire resistance rating of less than 3 hours.

VERTICAL MOUNT



HORIZONTAL MOUNT

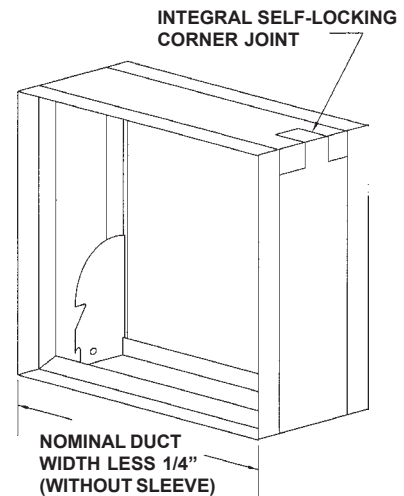


* DAMPER TO BE INSTALLED WITH BLADE LOCK POINTS FACING DOWNWARD AND WITH ACCESS FROM ABOVE

UNDERWRITERS LABORATORIES INC.
CLASSIFIED
FIRE DAMPERS
FIRE RESISTANCE RATING **1-1/2 HR.**
SEE U.L. CLASSIFIED BUILDING MATERIALS INDEX



California State Fire Marshal
Listing No. 3225-1328:100



DIMENSIONAL DATA:

MINIMUM SIZE: 6"W x 6"H

MAXIMUM SIZE - VERTICAL (Model D17AV):

Single Panel: 36"W x 36"H


HORIZONTAL (D17AH):

Single Panel: 24"W x 24"H

- PROJECT:
- LOCATION:
- ARCHITECT:
- ENGINEER:
- CONTRACTOR:
- PO NUMBER:
- DATE:

STANDARD MATERIALS & CONSTRUCTION:

FRAME: One-piece rollformed 22-GA galvanized steel.
BLADES: 22-GA galvanized steel curtain-type.
FUSIBLE LINK: UL-listed 165°F; replaceable. (Optional 212°F (**Vertical Mount Only**) available at no additional charge.)
CLOSURE SPRINGS: Heat-treated Type 301 stainless steel constant force coiled negator type.



Arrow United Industries
A Division of Mestek, Inc.
314 Riverside Drive • Wyalusing, PA 18853
Ph: (570)-746-1888 Fax: (570)-746-9286
www.arrowunited.com

MEMBER OF AMCA

*Additional information
on reverse side.*

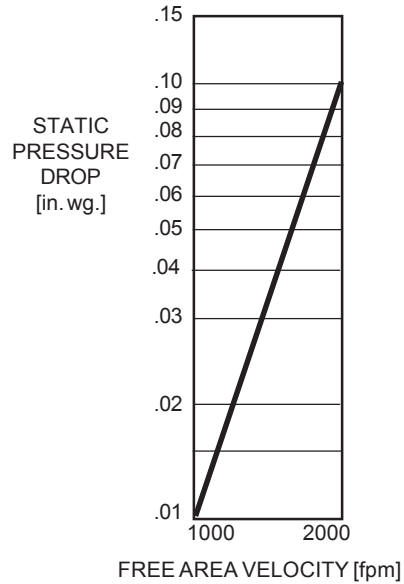
ARROW UNITED INDUSTRIES SUBMITTAL DATA

FIRE/SEAL® UL-CLASSIFIED 1½-HR. DYNAMIC RATED FIRE DAMPER

MODEL D17A

FREE AREA [sq. ft.]
Duct Width (in.)

Duct Height (in.)	Duct Width (in.)							
	8	12	16	20	24	28	32	36
8	.2	.4	.6	.7	.9	1.0	1.2	1.4
12	.4	.7	.9	1.2	1.5	1.8	2.0	2.3
16	.6	.9	1.3	1.7	2.0	2.4	2.8	3.1
20	.7	1.2	1.7	2.1	2.6	3.1	3.5	4.0
24	.9	1.4	2.0	2.6	3.2	3.7	4.3	4.9
28	1.0	1.7	2.4	3.0	3.7	4.4	5.0	5.7
32	1.2	2.0	2.7	3.5	4.3	5.1	5.8	6.6
36	1.3	2.2	3.1	4.0	4.8	5.7	6.6	7.4



$$\text{FREE AREA VELOCITY [fpm]} = \frac{\text{FLOW [cfm]}}{\text{FREE AREA [sq. ft.]}}$$

AVAILABLE OPTIONS:

1. Factory-supplied sleeves (20-GA through 10-GA).
2. Type 304 stainless steel construction.
3. 212°F fusible link (Vertical Mount Only).
4. Electro Thermal Link [ETL®].
5. SPDT "closed damper" position indicator switch.
6. "Pull-Ring" for ease of reopening closed damper.

NOTES:

1. Rated at 2000 fpm, 4 in. wg.
2. When a dynamic fire damper closes under airflow conditions, due to inertia, a momentary negative pressure spike (vacuum) can occur on the downstream side of the closed damper. This situation should be taken into consideration by the Engineer/System Designer.

IN THE INTEREST OF PRODUCT DEVELOPMENT, ARROW UNITED RESERVES THE RIGHT TO MAKE CHANGES WITHOUT NOTICE.



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