



**CEILING RADIATION DAMPER
WITH ADJUSTABLE VOLUME
CONTROL • RECT. OR SQUARE
MODEL 0716A**



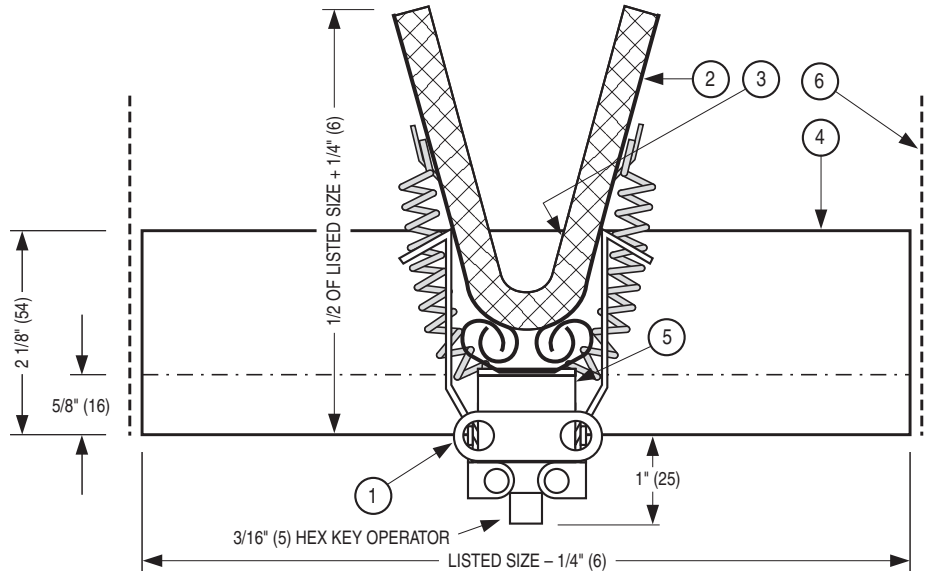
**FOR USE IN AIR HANDLING
OPENINGS IN CEILINGS
FOR PROTECTION AGAINST
FIRE AND HEAT RADIATION**

QUALIFICATIONS:

- UL 555C Classified Ceiling Damper. (File # R9660).
- CAN4-S112.2 Ceiling Firestop Flap Assemblies.
- California State Fire Marshal: Fire Damper Listing No. 3225-0935:102.
- City of New York Board of Standards and Appeals. Cal. No. 460-88-SA.
- Meets the requirements for NFPA 90A, IBC, BOCA, SBCCI, UBC, NBC (Canada) and associated local building codes.

U.S. Patent No.
4,936,287

Canadian Patent No.
2,014,587-1



DESCRIPTION:

Ceiling dampers (known as Fire Stop Flaps in Canada) are designed to function as a fire and heat barrier in air handling openings penetrating fire resistive membrane ceilings. The 0700 Series is for use in lieu of hinged door type dampers in any UL/ULC floor/ceiling or roof/ceiling assembly where air handling openings are permitted with up to a 3 hour fire resistance rating. The Model 0716A incorporates a mechanism to adjust the opening of the blades for balancing airflow through the ceiling diffusers.

CONSTRUCTION:

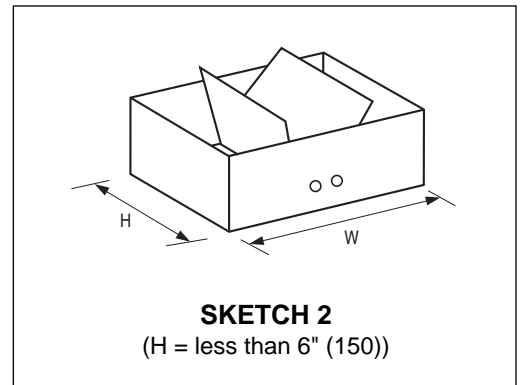
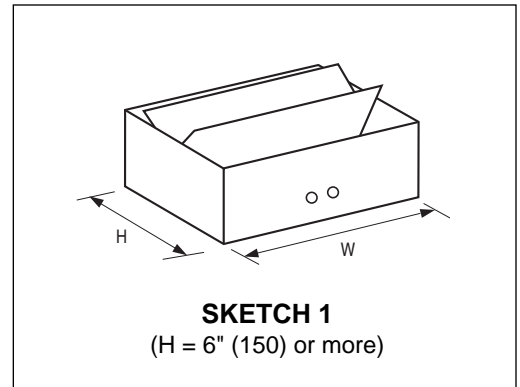
1. U.L. Listed fusible link, 212°F (100°C), standard.
2. Blades: 22 ga. (0.85) G60 galvanized steel.
3. Insulation: Non-asbestos UL Classified on units over 80 sq. in. (516 sq. cm) finished size, standard. Not required on smaller units.
4. Frame: Roll-formed 22 ga. (0.85) G60 galvanized steel.
5. Adjustable fusible link assembly permits volume control.
6. Duct drop (by others).

NOTES:

1. Maximum size is 16" W x 16" H (406 x 406). Minimum size is 6" W x 3" H (150 x 75).
2. Units manufactured with blade length on long dimension (W) except where short dimension (H) is less than 6" (150). (See sketch 1).
3. If short dimension (H) is less than 6" (150), units are manufactured with blade length on short dimension. (See sketch 2).
4. For alternate unit with four blades, see dwg. 0700-5, Model 0716-4A.
5. Installation Instructions: Refer to documents IOM-CRDSINST and CRDTBINST.

OPTIONS:

1. Non-standard temperature U.L. Listed fusible link.
 165°F (74°C)



Dimensions are in inches (mm).

SCHEDULE TYPE:
PROJECT:
ENGINEER:
CONTRACTOR:

DATE	B SERIES	SUPERSEDES	DRAWING NO.
11 - 1 - 04R	0700	31 - 3 - 00R	0700-3