

(ENGINEERS)

SUBMITTAL DATA**MODEL CFS-2F****SLIMLINE CEILING DAMPER SQUARE AND RECTANGULAR**

U.L.555C CLASSIFIED ASSEMBLIES AND ULC S112.2 LISTED

Approved for 1-4 Hour Rated

Application and Design

The Model C/FS-2F is a slimline (low profile) square/rectangular UL Classified ceiling (radiation) damper, fabric blade style, approved for both steel duct or ductless installations in an approved UL ceiling design that incorporate/show a hinged door damper requiring fire/heat protection where HVAC components penetrate the ceiling membrane. This damper has a lower profile design that allows for maximum free area and lowest pressure drop. These dampers provide protection up to 24" x 24" (610mm x 610mm) openings. When approved by AHJ, this damper is perfect for use below ceiling exhaust fans.

**MODELS**

C/FS-2F: Square or rectangular, non-asbestos

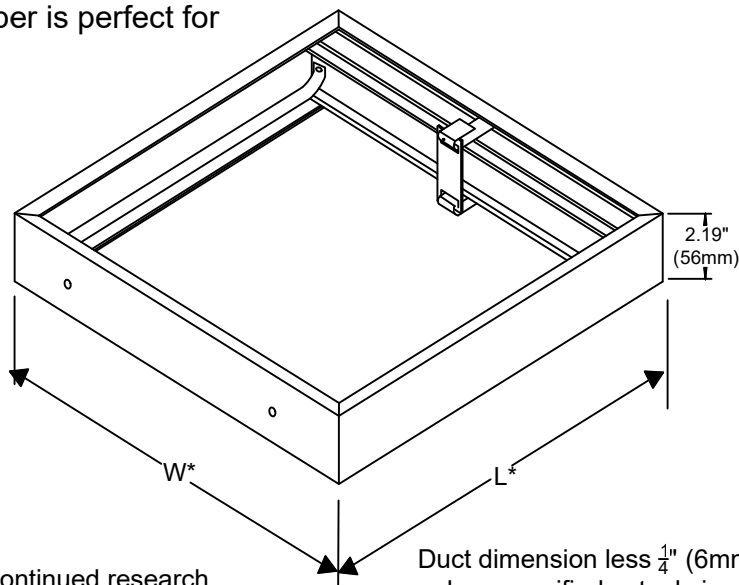
C/FSX-2F: Damper with thermal blanket skirt for

Standard Construction**Frame:** Roll formed. - 22 Ga. Galvanized Steel**Blades:** 22 Ga. - Galvanized Steel

w/ U.L. Classified insulated fabric blades

Spring: Stainless Steel negator**Fusible Link:** Replaceable 212°F (100°C) standard (others available)

Designed and tested in accordance to standards: UL 555C, ULC S112.2. Labeled and listed by UL/ULC under File #R25411. They meet all the NFPA-90A, IBC Code, and other major code requirements for Ceiling (Radiation) Dampers.

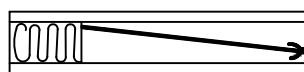
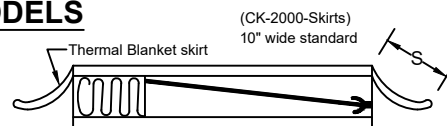


Note: Due to continued research, S&P reserves the right to change specifications without notice.

Duct dimension less $\frac{1}{4}$ " (6mm) unless specified actual size.

Standard Sizes

Min. Size	Max. Size
4" x 4" 102mm x 102mm	24" x 24" 610mm x 610mm

MODELS**C/FS-2F****C/FSX-2F****SUGGESTED SPECIFICATIONS**

Square and rectangular butterfly ceiling dampers shall be Model C/FS-2F or C/FSX-2F by S&P Manufacturing. Ceiling dampers shall bear the Underwriters' Laboratories label and be rated for both ducted or non-ducted air systems. Ceiling dampers shall be of the non-asbestos, curtain type for maximum free area. .

MANUFACTURER'S RECOMMENDATIONS

All moving parts of the damper must be inspected and cycled once the first year and at intervals not greater than every 4 years or in accordance with the latest edition of NFPA 90A, 92A, local codes and the manufacturer. In addition, fuse links shall be removed and inspected for corrosion. Dry lubricants are recommended

Job Name:

Location:

Architect:

Engineer:

Contractor:

☐ **MODEL C/FS-2F**☐ **MODEL C/FSX-2F**

DRAWN BY:

MAB

DATE:

11-7-07

REV. DATE:

4-7-26

REV. NO.

4

APPROVED BY:

DWG. NO.:

D-7