



MODEL C/FSR-1

CEILING DAMPER SQUARE TO ROUND
 U.L. 555C CLASSIFIED ASSEMBLIES AND ULC S112.2 LISTED
 Approved for Assembly ratings of 3-hours or less

Application and Design

The Model C/FSR-1 is a square/rectangular UL Classified ceiling (radiation) damper, fabric blade style, with a round transition mounted to the top side approved for both steel duct and flex duct installations in approved UL ceiling designs that incorporate/show a hinged door damper requiring fire/heat protection where HVAC components penetrate the ceiling membrane. This damper has a low profile design that allows for installation in ceiling with restricted space as well as transitioning from a square neck diffuser to a round duct. The folded blade package allows for maximum free area and lowest pressure drop. These dampers provide protection up to 24" x 24" (610mm x 610mm) openings.

Standard Construction

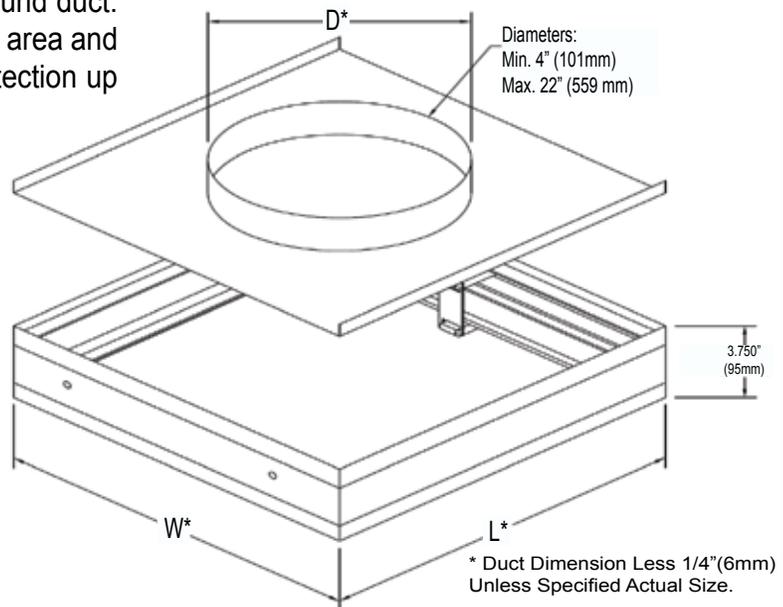
- Frame:** Roll formed. - 22 Ga. Galvanized Steel
- Blades:** 22 Ga. - Galvanized Steel
w/ U.L. Classified insulated fabric blades
- Spring:** Stainless Steel negator
- Fusible Link:** Replaceable 212°F (100°C) standard (others available)

- C/FSR-1: one round transition - (Top)
- C/FSR-2: two round transitions - (Top and Bottom)

Designed and tested in accordance to standards: UL 555C, ULC S112.2. Labeled and listed by UL/ULC under File #R41123. They meet all the NFPA-90A, IBC Code, and other major code requirements for Ceiling (Radiation) Dampers.



- Options:**
- CK-2000-1: 1/8" Thick Thermal Blanket (24 X 24)
 - CK-2000-1B: 1-1/4" Thick Batt-Mineral Wool Blanket (24 X 24)



Standard Sizes			
Min. Size		Max. Size	
L x W	D	L x W	D
6" x 6" (152mm x 152mm)	4" Diameter (101mm)	24" x 24" (610mm x 610mm)	22" Diameter (559mm)

SUGGESTED SPECIFICATION

Square to round ceiling dampers shall be Model C/FSR-1 or C/FSR-2 by CVS. Ceiling dampers shall bear the Underwriters' Laboratories label and be rated for both steel duct and flex duct installations. 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.

Job Name: _____

Location: _____

Architect: _____

Engineer: _____

Contractor: _____



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MODEL C/FSR-1 MODEL C/FSR-2

Drawn By: DND	Approved BY: SB	REV. No.: 00	Date: February 2021	Cat ID: C/FSR-1 C/FSR-2	Page: 1/1
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