



**LLOYD INDUSTRIES INC.**

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## CEILING RADIATION DAMPER

**MODEL:**  
**50EA (Rectangular)**



### APPLICATION

The CRD-50EA is for use in any fire resistive floor or roof/ceiling assembly with a restrained or unrestrained assembly rating of 3 hours or less. This product can also be applied to steel lay-in style ceiling diffusers up to 24 in. x 24 in. (610mm x 610mm) maximum size.

**Please consult factory for use in floor/ceiling and roof/ceiling designs.**

### Standard Construction

1. UL listed link (165°F or 212°F)
2. Blades 22 (0.853mm) Ga. galvanized steel
3. Ceramic fiber with fiberglass cover\*
4. Roll-formed frame 22 (0.853mm) Ga. galvanized steel
5. Steel duct drop (by others).

UL 555C Fire Resistance Rating  
Fire resistance rated 3 Hours  
Building materials rated 3 Hours

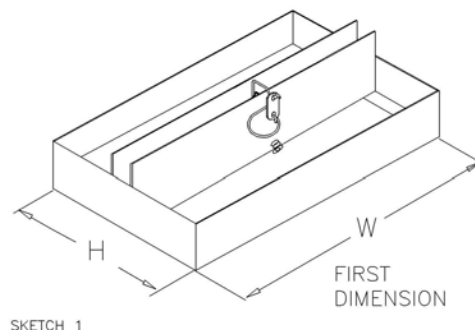
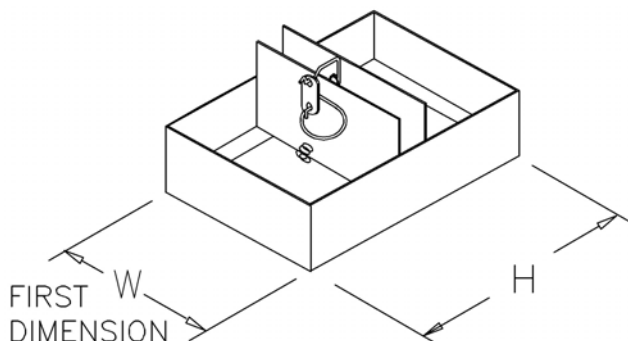
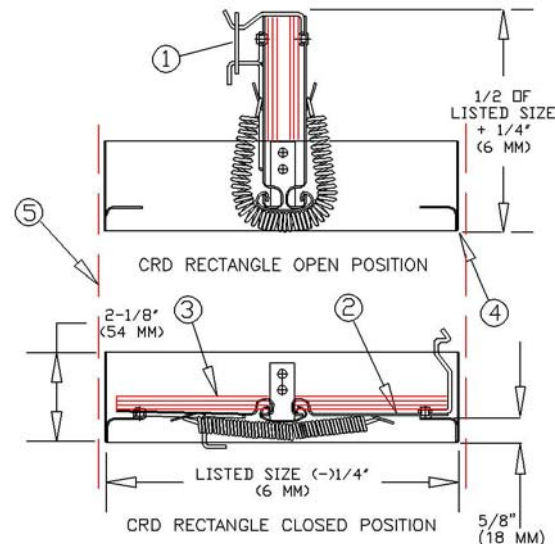
Model CRD 50EA meets the requirements for fire dampers established by:

**CSFM California State Fire Marshal**  
**Fire Damper Listing (#3225-1417:101)**



### Note:

1. Maximum size 24"x24" (600mm x 600mm)  
Minimum size 4"x6" (101mm x 152mm)
2. Manufactured with blade opening as per sketch #1: when "W" equal to or greater than 6"
3. Manufactured with blade opening as per sketch #2: when "W" is less than 6" and "H" is greater than "W".
4. \*Ceramic insulation is not UL required on dampers with areas less than 80 square inches and is optional. Dampers above 80 square inches will be provided with blade insulation.



Note:  
First dimension is always the hinge length  
Example:  
A 12x6 CRD 50-EA has a 12"(W) long hinged length

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