

Application

The CRD-2 is a round UL555C classified damper designed to limit the radiant heat transfer through an opening in the ceiling membrane of a fire resistance rated floor/ceiling assembly of three hours or less. This product can also be applied to steel lay-in style diffusers up to 24 in. (610 mm) diameter maximum size when installed with an approved thermal blanket.

Construction

Construction		Standard	Optional
Frame Material		Galvanized steel*	-
Frame Type		Standard	Top, Bottom, or Top/Bottom Extension
Blade Material		Galvanized steel*	-
Closure Device		Fusible link	Volume controller
Fusible Link		165°F (74°C)	212°F (100°C)
Blade Insulation	Under 115.46 sq. in. (12 in. diameter)	Not required	-
	Over 115.46 sq. in. (12 in. diameter)	Non-asbestos UL classified	-

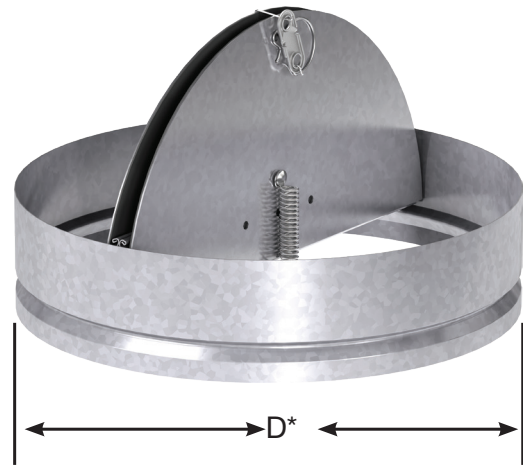
* in gauges required by UL listing R13446

Size Limitations

W & H	Minimum Size	Maximum Size
Inches	5	24
mm	127	610

Options

- [Volume Controller](#)
- [Ceramic Fiber Thermal Blanket](#)
- [Mineral Wool Thermal Blanket](#)



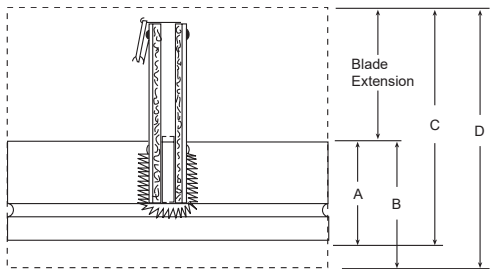
*D dimension is actual O.D. of damper. If damper is to be installed inside duct work, order damper 1/4 in. (6 mm) smaller than duct size.



See complete marking on product.
 UL 555C Classification
 R13446

Model CRD-2 meets the requirements for ceiling radiation dampers established by:

- National Fire Protection Association NFPA Standards 90A, and 101
- International Building Codes (IBC)
- CSFM California State Fire Marshal Fire Listing (#3225-0981:0101)



CRD-2 & CRD-2B: Blade Extension =
Nominal Diameter/2 - 2.5
CRD-2T & CRD-2 BT: Blade Extension = 0

Damper Model	Frame Option Dimensions				
	Diameter (in.)	A	B	C	D
CRD-2 Standard Frame	5 - 24	3 15/32	-	-	-
CRD-2B Bottom Extension	5 - 24	-	4 27/32	-	-
CRD-2T Top Extension	5 - 11¼	-	-	7 9/16	-
	11½ - 17¼	-	-	10 9/16	-
	17½ - 24	-	-	13 ½	-
CRD-2BT Bottom and Top Extension	5 - 11¼	-	-	-	9 15/16
	11½ - 17¼	-	-	-	12 15/16
	17½ - 24	-	-	-	15 7/8

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