

Ceiling Radiation Damper Low Profile Rectangular

Application and Design

The CRD-1LP (Low Profile) is intended to be used on applications with limited blade clearance. 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 when installed with an approved thermal blanket.

Warnock Hersey


Warnock Hersey Listed

Reports:

#J98 18453

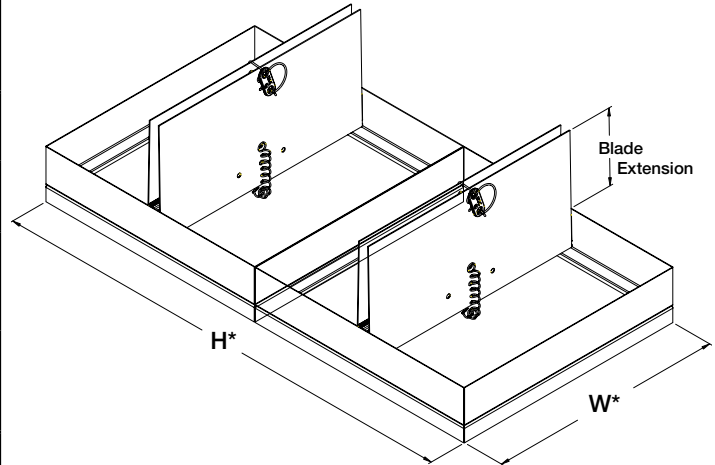
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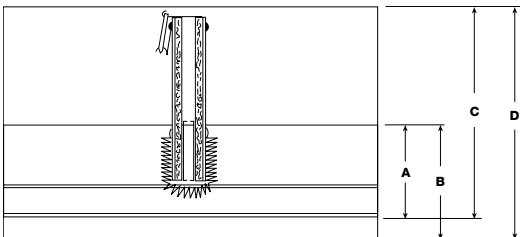
Construction		Standard	Optional
Frame		Galvanized Steel*	-
Frame Type		Standard	Top, Bottom, or Top/Bottom Extension
Blades		Galvanized Steel*	-
Fusible Link Temperature		165°F (74°C)	212°F (100°C)
Blade Insulation	Under 115.46 sq. in. (74,490 sq. mm)	Not required	-
	Over 115.46 sq. in. (74,490 sq. mm)	Non-asbestos UL classified	-

* in gauges required by UL listing R13446



*W & H dimensions furnished approximately 1/4 in. (6mm) under size.

W & H	Minimum Size	Maximum Size
Inches	4 x 12	24 x 24
mm	101 x 305	610 x 610



Blade Extension = Nominal Height/4 - 2.375

Volume Controller Option

A volume controller is used to manually set the blades at a given angle to regulate the airflow (24 in. x 24 in. [610mm x 610mm] maximum). Adjusting the cap screw will open and close the blades.

Thermal Blanket Option

Ceramic fiber or mineral wool thermal blanket available.

Frame Dimensions					
Damper Model	Height (in.)	A	B	C	D
CRD-1LP Standard Frame	12 - 24	2 5/8	-	-	-
CRD-1LP B Bottom Extension	12 - 24	-	4 3/4	-	-
CRD-1LP T Top Extension	12 - 16 1/2	-	-	4 3/4	-
	16 1/2 - 20 1/4	-	-	5 3/4	-
	20 1/4 - 24	-	-	6 3/4	-
CRD-1LP BT Bottom and Top Extension	12 - 16 1/4	-	-	-	6 7/8
	16 1/2 - 20 1/4	-	-	-	7 7/8
	20 1/4 - 24	-	-	-	8 7/8

Installation instructions available at www.greenheck.com.