United Enertech

(ENGINEERS)

SUBMITTAL DATA

Ceiling Radiation Damper

For Wood Truss Assemblies

Application and Design

This specialized set of ceiling damper installations are specically designed for installation in floor/ceiling and roof/ceiling assemblies of wood truss and gypsum construction. Our standard UL555C listed radiation damper series CRD installed in accordance with our ARL listed instructions will maintain the hourly rating of the roof/ceiling or floor/ceiling assembly as listed in the UL Fire Resistance Directory. This product may be installed as provided or may optionally be installed utilizing a commercially available transition boot or field provided transition. See appropriate installation instructions for details.

1 Hour * ARL listed assemblies for use in UL Floor/Ceiling design numbers L-521, L-528 and L-546 and Roof/Ceiling design number P-522

Meets NFPA 90A requirements for a ceiling radiation damper

*ARL tested to comply with UL555C and UL263 (utilize U.E. CRD Series dampers - File #R25411)

Standard Construction

21 GA Galvanized steel damper frame & blades

28 Ga. (min.) galvanized steel sleeve - 1 1/2" or 3" deep

212°F UL listed Fusible Link (standard) 165°F optional

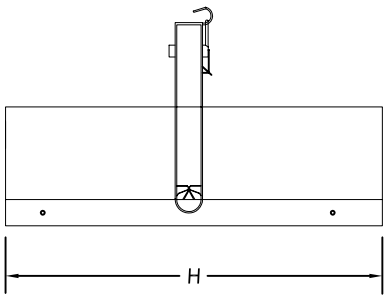
Ceramic Fiber blade insulation required on units greater than 108 sq. in. (Model CRD-3HS2).

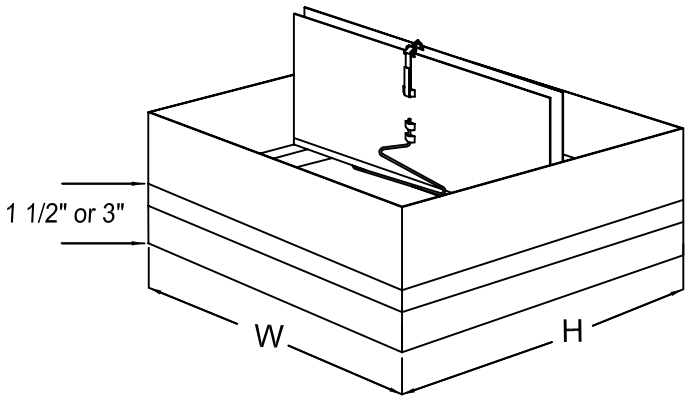
Options & Accessories

- ☐ Volume Control Device (VCD) optional
- ☐ 1" x 1 1/2" x 20 GA. Wood Truss Mounting Angle Set (2 x 28", 2 x 3")
- ☐ 3" Deep 28 GA. Galvanized steel sleeve standard, 1 1/2" deep sleeve optional

Standard Sizes	Grille Size W x H
Minimum	4" x 4"
Maximum	18" x 18" sq. or 576 sq. in. max

*Note: W or H dimension less than 5" will be single blade damper (Models - CRD-2HS1, 3HS1).





Job Name:	☐ **MODEL CRD-WTA2**		
Location:			
Architect:			
Engineer:	DRAWN BY: RDF	DATE: 9-8-06	REV. DATE:
Contractor:	REV. NO.	APPROVED BY: BGT	DWG. NO.: **D-8**