



**Ceiling Radiation Damper**  
**2 Hour Rated**  
**For Use in Static Systems**

**Application and Design**

The Model CRD-2HS1 provides fire and heat radiation protection of HVAC penetrations in floor/ceiling and roof/ceiling assemblies with restrained or unrestrained ratings of 2 hours or less. Standard fire dampers ( 1 1/2 & 3 hr.) do not provide the required protection as a ceiling radiation damper.

Model CRD-2HS1 meets or complies with the following as a ceiling radiation damper.

- NFPA Standards
- All major building codes, including BOCA, ICBO/UBC, SBCCI & ICC International Code
- UL 555C Listing 2 Hour - File #R25411

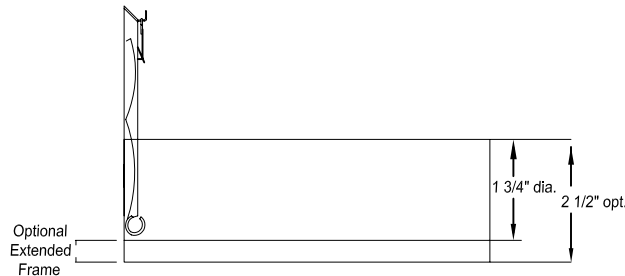
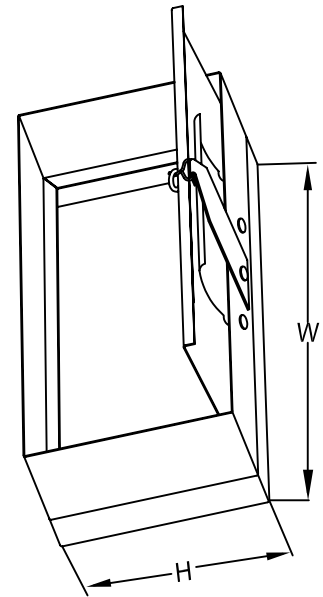
**Standard Construction**

- Frame: 21 GA Galvanized Steel
- Blades - Full Length Hinge: 21 GA Galvanized Steel
- Closure Springs: Stainless Steel
- Fusible Link - UL-33: UL Listed 212°F (standard) 165°F (optional)
- Insulation (blade): None required

Standard Sizes (duct)	
Minimum	3" x 3"
Maximum	24"W or 16"L- 108 sq. in. total max

**Notes:**

- Dampers are fabricated 3/16" under ordered dimension for clearance
- Not for use in wood construction



Job Name:	<input type="checkbox"/> <b>MODEL CRD-2HS1</b>		
Location:			
Architect:			
Engineer:	DRAWN BY: RDF	DATE: 9-8-06	REV. DATE:
Contractor:	REV. NO.	APPROVED BY: BGT	DWG. NO.: <b>D-3</b>