

**MODEL AS2C**

**LEAKAGE CLASS II  
TEMPERATURE CLASS 250°F,  
ONE HOUR FIRE RATED DAMPER FOR TUNNEL  
CORRIDOR CEILING APPLICATIONS**

UNDERWRITERS LABORATORIES INC.®

Classified Corridor Damper

Fire Resistance Rating 1Hr.

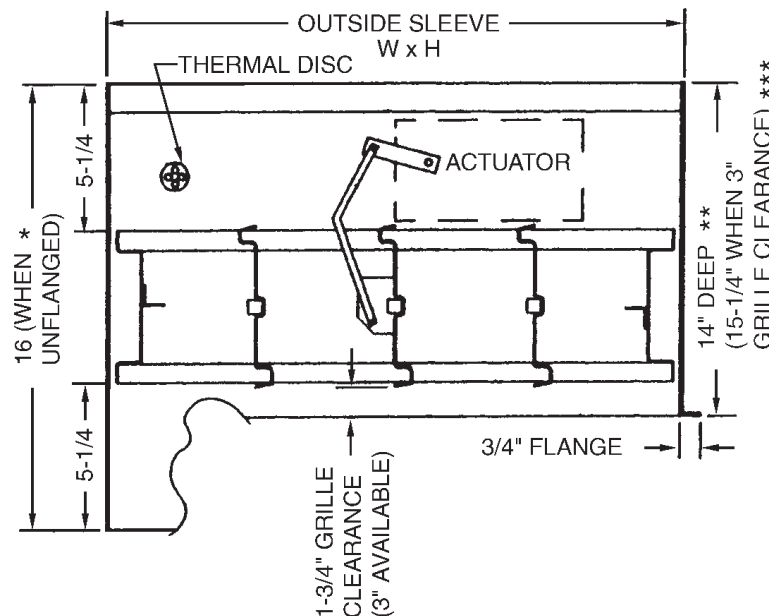
Also As To Leakage Resistance

CLASS II - 250°F

R4708

**STANDARD MATERIALS & CONSTRUCTION**

- FRAME:** 5-1/2" x 7/8" x 20-GA galvanized steel hat channel.  
**BLADES:** 20-GA galvanized steel, 6" maximum width; parallel action.  
**AXLES:** 1/2"-square, plated solid steel stub.  
**BEARINGS:** Oil Impregnated Bronze.  
**LINKAGE:** In-jamb type, located outside of the airstream; plated steel tie bar and crankplates, with stainless steel pivots.  
**STOPS:** 20-GA galvanized steel at head and sill.  
**BLADE EDGE SEALS:** Silicone (350°F).  
**COMPRESSION SIDE JAMB SEALS:** Stainless steel.  
**SLEEVE:** 16" deep by 20 GA, unflanged.  
**CAULKING:** UL approved.  
**FINISH:** Mill on galvanized steel.  
**ACTUATOR:** 120 VAC electric with 165°F thermal disc, factory installed for power-open/fail-close operation, actuator internally mounted (8" and 9" high dampers are externally mounted), damper closure time of less than 15 seconds.  
**AIRFLOW:** Rated for both up and down flow.  
**PRESSURE:** 4 in. wg maximum.



\* Sleeve Length — 18<sup>3/4</sup>" min. with smoke detector.

\*\* Grille Clearance — 15<sup>1/2</sup>" deep with smoke detector.

\*\*\* Grille Clearance — 16<sup>3/4</sup>" deep with smoke detector.

**CALIFORNIA STATE FIRE MARSHAL  
LISTING NO. 3230-1328:108**

**DIMENSIONAL DATA:****Outside Sleeve\*:**

Minimum Size: 8"W x 8"H

Maximum Size: 24"W x 24"H

**Round Duct Transition:**

Minimum Size: 6" Diameter

Maximum Size: 22" Diameter

Overall sleeve width and sleeve height will be 2" greater than ordered round duct size.

\*Outside sleeve dimensions are available on one inch increments. Outside sleeve dimensions are not undersized.

**AVAILABLE OPTIONS (Must Be Specified)**

- 212°F thermal disc.
- Round duct transitions, top side only on flanged sleeves, top and/or bottom side on unflanged sleeves.
- 1<sup>3/4</sup>" grille clearance and 3/4" flanged sleeve.
- 3" grille clearance and 3/4" flanged sleeve.
- Perimeter mounting angles, one or two sets per damper.
- 24 VAC electric actuator.
- Smoke detector.
- Externally mounted actuator.
- "Sens-O-Therm" Thermally Reopenable Temperature Sensing System. This system includes contacts for connection to open and closed position indicator lamps. It also includes a second thermal disc to re-close the damper when the rated degradation temperature is reached.

**PROJECT:****LOCATION:****ARCHITECT:****ENGINEER:****CONTRACTOR:****PO NUMBER:****DATE:**