

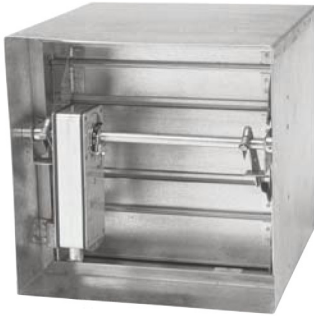
Smoke Dampers

Class I/II/III Leakage

For Use in Static or Dynamic Systems

Series 5150

Application



Series 5150 is a UL555S approved Smoke damper available for Class I, II, or III. Series 5150 can utilize a variety of internally or externally mounted actuators. The damper may be installed vertically or horizontally in ducts penetrating barriers requiring leakage protection, within 24" of the barrier being protected. This damper has been evaluated with bi-directional airflow, and is rated to 2000 FPM and 4" static pressure in compliance UL555S 4th edition.

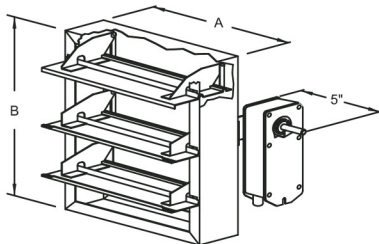
Series 5150 meets or complies with the following as a smoke damper:

- **CA State Fire Marshall Leakage listing #3230-1518:106**
- **NFPA 90A & B, 92A & B**
- **All major building codes, including BOCA, ICBO/UBC, SBCCI & the ICC International Code**

Available Models	
Model	
5150-1 / Class I	
5150-2 / Class II	
5150-3 / Class III	

UL Listings – File #R6189

- **UL555S Class I/II/III @ 250°F or 350°F**



A dim. is always width of blades

Series 5150 Standard Sizes

See actuator section, pg. 8 for internal mount minimums and pressure drop information

Leakage Rating	Min. Vertical or Horizontal	Max. Vertical or Horizontal
Class I/II/III @ 250°F	6" x 6"	144" x 96" or 288" x 48"
Class I/II/III @ 350°F	6" x 6"	144" x 96" or 288" x 48"

*Dampers will be fabricated 1/4" under ordered dimensions unless otherwise specified.

Standard Construction

- **Frame**
4" Wrap around full channel frame – 16 GA Galvanized Steel
- **Blades**
22 GA Galvanized Steel, Modified Triple-V Design
- **Bearings**
Integral Curl in Frame Design
- **Linkage**
14 GA Galvanized, on Blade Type (in airstream)
- **Seals**
Compression type silicone seals (Class I/II ONLY)
- **Sealant**
UL Certified silicone caulk (sleeved units only)

Options & Accessories

- Dual Blade Position Indicator Switches (Switch#1)
- Factory Supplied Sleeves – 18 or 14 Gauge, 18" or 24" deep (For other gauges and depths, contact your local rep. Dampers with external mounted actuators are available with a 18 gauge side plate, if no factory sleeve is desired)
- Factory supplied 'EZ Mount' mounting angles
- Single or Dual Blade stiffeners - for strength & stability of wider units in high pressure systems

5150