



Fire/Smoke Damper Class I Model 771 & 771-3

Features – U.L. rated for dynamic closure & leakage CLASS I @ 350° F, for use in a 2 hour wall or partition.
771 is 1½-hour fire rated, 771-3 is 3-hour rated. Meets NFPA 90A & UL555 & UL555S. Seismic and Fragility tested.

STANDARD CONSTRUCTION

FRAME

4-5/16" deep, 16 gauge galvanized steel

BLADES

6" wide, 16 gauge galvanized steel
(Bottom blade width may vary depending on damper height)

BLADE AXLES & BEARINGS

AXLES – 7/16" Plated hex mechanically fastened to blade
BEARINGS – Bronze oil impregnated

LINKAGE

Plated steel in opposed blade configuration, concealed inside the jamb.
Operator shaft is 1/2" steel rod extending 4-1/2" from damper side

SEALS

Extruded Silicone blade seals and stainless steel jamb seals

MAXIMUM UL CLASSIFIED LEAKAGE CLASS I SIZES

Single section assemblies:

771 (36" x 48")

771-3 (36" x 48")

MULTIPLE SECTIONS

Multiple section assemblies: (made of sections no larger than above sizes)

771 (144" x 48") vertical or horizontal mount

771-3 (36" x 48" max.) single section assembly only

Available also in 144"w x 96"h (Static Rated)

MINIMUM UL CLASSIFIED LEAKAGE CLASS I SIZE

8"W x 6"H

SLEEVE

18 ga. x 16" deep galvanized steel

UNDERSIZED

1/4" under ordered size unless specified Exact or Actual

FINISH

Galvanized

HEAT SENSOR

120 VAC, 165° to 350°

OPERATOR

None

OPTIONAL CONSTRUCTION

SPECIFIED MATERIAL – Available in stainless steel

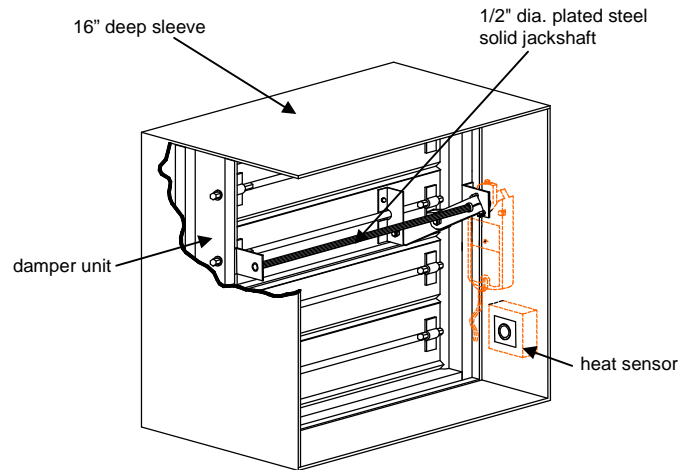
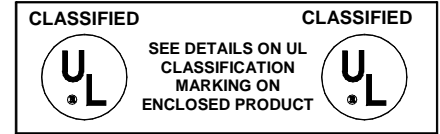
SLEEVE AND DUCTWORK CONNECTION – 10 ga. to 20 ga. galvanized steel to 30" in length. – Transitions available in: round, oval, rectangular or custom. Factory can install access door, retaining angles, flange connections, or security bars

OPERATOR – Electric or pneumatic, internally or externally mounted, please see installation instructions for operator listing. (Operator type and location will affect the temperature rating of the damper)

* Dampers 11" high and under will be single blade, and extend from the frame proportionately

ACCESSORIES

- Smoke Detector
- Indicator Switches
- Monitoring Station
- Dual Sensors



APPROVED ACTUATORS

	Honeywell	Siemens	Belimo
24 Vac -	ML 8115	GND121.1U	FSNF24 US*
	MS 4309	GGD121.1U	
	MS 8120		
120 Vac -	ML 4115	GND221.1U	FSNF120 US*
	MS 4209	GGD221.1U	
	MS 4120		
230 Vac -		GND321.1U	
		GGD321.1U	
Pneumatic -		331-2961	
		331-3060	

* Only for dampers up to 24" x 24"

Contractor
Project
Engineer

IMPERIAL DAMPER & LOUVER LLC
 4228-38 Park Avenue
 Bronx, New York 10457
 Phone: 718-731-3800 Fax: 718-731-4920
 Email: Sales@ImperialDamper.com
 Web: www.ImperialDamper.com