



## Smoke Damper Class I Model 621

**Features** – U. L. rated leakage CLASS I @ 350° F (176°)C Smoke Damper. Meets NFPA 90A & UL555S. Seismic and Fragility tested.

### STANDARD CONSTRUCTION

**FRAME**

4-5/16"(110) deep, 16 gauge (1.6) galvanized steel

**BLADES**

6"(152) wide, 16 gauge (1.6) galvanized steel  
(Bottom blade width may vary depending on damper height)

**BLADE AXLES & BEARINGS**

AXLES – 7/16"(11) Plated hex  
BEARINGS – Bronze oil impregnated

**LINKAGE**

Opposed blade – Plated steel concealed inside the jamb  
Drive blade has a 1" (25) to 6" (152) extendable shaft to mount operator

**SEALS**

Extruded silicone blade seals and S.S. side seals

**MULTIPLE SECTIONS**

Maximum Multiple Size is 144"w x 48"h (3658 x 1219)  
One actuator on each section (Dynamic Rated)  
Available also in 144"w x 96"h (3658 x 2438) (Static Rated)

**MAXIMUM U. L. CLASSIFIED LEAKAGE CLASS I SIZES**

Single section assemblies – 36"w x 48"h (914 x 1219)

**MINIMUM SIZE**

6"w x 6"h (152 x 152)

**UNDERSIZED**

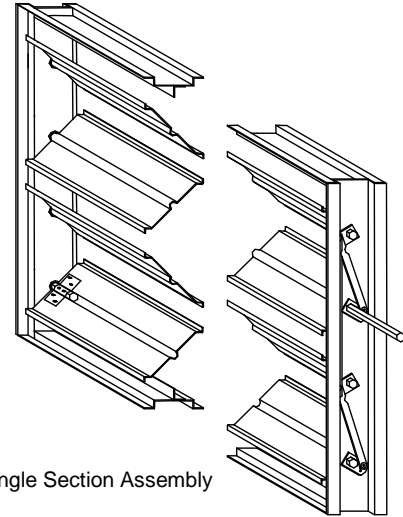
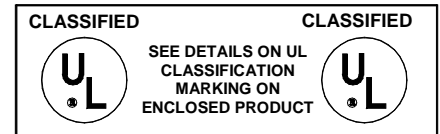
1/4"(102) under ordered size unless specified Exact or Actual

**FINISH**

Mill

**OPERATOR**

None



Typical Single Section Assembly

### OPTIONAL CONSTRUCTION

**SPECIFIED MATERIAL** – Available in stainless, Aluminum or as requested

**LINKAGE** – Mounted on face of blades in either opposed or parallel

**JAMB SEALS** – Extruded Aluminum

**SLEEVE AND DUCTWORK CONNECTION** – 10 ga.(3.5) to 20 ga.(1.0) galvanized steel to 30" (762) in length. – Transitions available in: round, oval, rectangular or custom. Factory can install access door, retaining angles, or flange connections.

**OPERATOR** – Electric or pneumatic, internally or externally mounted, please consult operator listing

\* Dampers 11" (279) high and under will be single blade, and extend from the frame proportionately.

### ACCESSORIES

- Smoke Detector
- Indicator Switches
- Monitoring Stations

### 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"

<b>Contractor</b>
<b>Project</b>
<b>Engineer</b>

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