



**MOTOR / ACTUATORS  
UL CLASSIFIED PRODUCTS  
Fire Dampers, Smoke Dampers and  
Combination Fire & Smoke Dampers**

## Reference Chart

\*Consult Factory for additional actuator and damper sizes on velocities up to 4000 FPM and 6" w.g.  
Other Actuator U.L. Approved: Honeywell MS-4109, 4209, 4309, 4609, 4709, 4809, 8109, 8209, 8309

MAXIMUM DAMPER SIZE AND STATIC PRESSURE						
OPERATORS		Mounting	Power Supply	FSD-3V and SSD-3V	FSD-AF and SSD-AF	Max. Diam.
Manufacturer	Model			Max. Velocity 2000 FPM Pressure 4.0" w.g.	Max. Velocity 2000 FPM Pressure 4.0" w.g.	

**Pneumatic - 25 psi**

**WIDTH or HEIGHT, SQ FT LIMITATIONS PER ACTUATOR**

Siemens	331-4826	Internal / External	25 PSI	36" w or 48" h, 6 sq. ft.	36" w or 48" h, 6 sq. ft.	24"
Siemens	331-2961	Internal / External	25 PSI	36" w or 48" h, 12 sq. ft.	36" w or 48" h, 12 sq. ft.	

**24 VAC - ELECTRIC**

**WIDTH or HEIGHT, SQ FT LIMITATIONS PER ACTUATOR**

Belimo	FSTF-24 (-S) US	External	24 VAC	20" w or 16" h	20" w or 16" h	
Belimo	FSTF-24 (-S) US	Internal / External	24 VAC	14" w or 14" h	14" w or 14" h	
Belimo	FSLF-24 (-S) US	Internal / External	24 VAC	36" w or 48" h, 4 sq. ft.	36" w or 48" h, 4 sq. ft.	18"
Siemens	GND-126.1U	Internal / External	24VAC	36" w or 48" h, 4 sq. ft.	36" w or 48" h, 4 sq. ft.	18"
Honeywell	MS-8104F	Internal / External	24 VAC	36" w or 48" h, 4 sq. ft.	36" w or 48" h, 6 sq. ft.	18"
Honeywell	MS-8109F	Internal / External	24 VAC	36" w or 48" h, 9 sq. ft.	36" w or 48" h, 9 sq. ft.	24"
Belimo	FSNF-24(-S) US	Internal / External	24 VAC	36" w or 48" h, 12 sq. ft.	36" w or 48" h, 12 sq. ft.	24"
Siemens	GGD-126.1U	Internal / External	24VAC	36" w or 48" h, 12 sq. ft.	36" w or 48" h, 12 sq. ft.	24"
Honeywell	MS-8120F*	Internal / External	24 VAC	36" w or 48" h, 12 sq. ft.	36" w or 48" h, 12 sq. ft.	
Honeywell	MS-8120F*	External	24 VAC	72" w or 48" h, 18 sq. ft.	36" w or 48" h, 12 sq. ft.	

**120 VAC - ELECTRIC**

**WIDTH or HEIGHT, SQ FT LIMITATIONS PER ACTUATOR**

Belimo	FSTF-120 (-S) US	External	120 VAC	20" w or 16" h	20" w or 16" h	
Belimo	FSTF-120 (-S) US	Internal / External	120 VAC	14" w or 14" h	14" w or 14" h	
Belimo	FSLF-120 (-S) US	Internal / External	120 VAC	36" w or 48" h, 4 sq. ft.	36" w or 48" h, 4 sq. ft.	18"
Siemens	GND-226.1U	Internal / External	120 VAC	36" w or 48" h, 4 sq. ft.	36" w or 48" h, 4 sq. ft.	18"
Honeywell	MS-4104F	Internal / External	120 VAC	36" w or 48" h, 4 sq. ft.	36" w or 48" h, 6 sq. ft.	18"
Honeywell	MS-4109F	Internal / External	120 VAC	36" w or 48" h, 9 sq. ft.	36" w or 48" h, 9 sq. ft.	24"
Belimo	FSNF-120 (-S) US	Internal / External	120 VAC	36" w or 48" h, 12 sq. ft.	36" w or 48" h, 12 sq. ft.	24"
Siemens	GGD-226.1U	Internal / External	120 VAC	36" w or 48" h, 12 sq. ft.	36" w or 48" h, 12 sq. ft.	24"
Honeywell	MS-4120F*	Internal / External	120 VAC	36" w or 48" h, 12 sq. ft.	36" w or 48" h, 12 sq. ft.	
Honeywell	MS-4120F*	External	120 VAC	72" w or 48" h, 18 sq. ft.	36" w or 48" h, 12 sq. ft.	

**230 VAC - ELECTRIC**

**WIDTH or HEIGHT, SQ FT LIMITATIONS PER ACTUATOR**

Belimo	FSTF-230 (-S) US	External	230 VAC	20" w or 16" h	20" w or 16" h	
Belimo	FSTF-230 (-S) US	Internal / External	230 VAC	14" w or 14" h	14" w or 14" h	
Belimo	FSLF-230 (-S) US	Internal / External	230 VAC	36" w or 48" h, 4 sq. ft.	36" w or 48" h, 4 sq. ft.	18"
Siemens	GND-326.1U	Internal / External	230 VAC	36" w or 48" h, 4 sq. ft.	36" w or 48" h, 4 sq. ft.	18"
Honeywell	MS-4604F	Internal / External	230 VAC	36" w or 48" h, 4 sq. ft.	36" w or 48" h, 6 sq. ft.	18"
Honeywell	MS-4609F	Internal / External	230 VAC	36" w or 48" h, 9 sq. ft.	36" w or 48" h, 9 sq. ft.	24"
Belimo	FSNF-230 (-S) US	Internal / External	230 VAC	36" w or 48" h, 12 sq. ft.	36" w or 48" h, 12 sq. ft.	24"
Siemens	GGD-326.1U	Internal / External	230 VAC	36" w or 48" h, 12 sq. ft.	36" w or 48" h, 12 sq. ft.	24"
Honeywell	MS-4620F*	Internal / External	230 VAC	36" w or 48" h, 12 sq. ft.	36" w or 48" h, 12 sq. ft.	
Honeywell	MS-4620F*	External	230 VAC	72" w or 48" h, 18 sq. ft.	36" w or 48" h, 12 sq. ft.	

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\*FSD-AF-211, -212 and FSD-AF-231, -232 are approved for velocities up to 4000 fpm at 6" wg sp on dampers up to 36" x 36" with Honeywell actuators MS-8120F, MS-4120F, or MS4620F.