

All Actuators
 UL File No.
 R25410

250°F / 121°C Rated Actuators 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-8209, 4209, 4709, 4309, 4809, 8309

Maximum Damper Size and Static Pressure						
OPERATORS		Mounting	Power Supply	F/S-3V and S-3V	F/S-AF and S-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	#3, 331-4826	Internal / External	25 PSI	36" w or 48" h, 6 sq. ft.	36" w or 48" h, 6 sq. ft.	24"
Siemens	#4, 331-2961	Internal / External	25 PSI	36" w or 48" h, 12 sq. ft.	36" w or 48" h, 12 sq. ft.	24"

24 VAC - ELECTRIC

WIDTH or HEIGHT, SQ FT LIMITATIONS PER ACTUATOR

Belimo	FSLF-24	Internal / External	24 VAC	36" w or 48" h, 4 sq. ft.	36" w or 48" h, 4 sq. ft.	18"
Siemens	GND-121	Internal / External	24VAC	36" w or 48" h, 4 sq. ft.	36" w or 48" h, 4 sq. ft.	18"
Honeywell	ML-8115	Internal / External	24 VAC	36" w or 48" h, 6 sq. ft.	36" w or 48" h, 6 sq. ft.	24"
Belimo	FSNF-24	Internal / External	24 VAC	36" w or 48" h, 12 sq. ft.	36" w or 48" h, 12 sq. ft.	24"
Siemens	GGD-121	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	72" w or 48" h, 18 sq. ft.	36" w or 48" h, 12 sq. ft.	24"

120 VAC - ELECTRIC

WIDTH or HEIGHT, SQ FT LIMITATIONS PER ACTUATOR

Belimo	FSLF-120	Internal / External	120 VAC	36" w or 48" h, 4sq. ft.	36" w or 48" h, 4 sq. ft.	18"
Siemens	GND-221	Internal / External	120VAC	36" w or 48" h, 4 sq. ft.	36" w or 48" h, 4 sq. ft.	18"
Honeywell	ML-4115	Internal / External	120 VAC	36" w or 48" h, 6 sq. ft.	36" w or 48" h, 6 sq. ft.	24"
Belimo	FSNF-120	Internal / External	120 VAC	36" w or 48" h, 12 sq. ft.	36" w or 48" h, 12 sq. ft.	24"
Siemens	GGD-221	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	72" w or 48" h, 18 sq. ft.	36" w or 48" h, 12 sq. ft.	24"

230 VAC - ELECTRIC

WIDTH or HEIGHT, SQ FT LIMITATIONS PER ACTUATOR

Belimo	FSLF-230	Internal / External	230 VAC	36" w or 48" h, 4sq. ft.	36" w or 48" h, 4 sq. ft.	18"
Siemens	GND-321	Internal / External	230 VAC	36" w or 48" h, 4 sq. ft.	36" w or 48" h, 4 sq. ft.	18"
Honeywell	ML-4115C	Internal / External	230 VAC	36" w or 48" h, 6 sq. ft.	36" w or 48" h, 6 sq. ft.	24"
Belimo	FSNF-230	Internal / External	230 VAC	36" w or 48" h, 12 sq. ft.	36" w or 48" h, 12 sq. ft.	24"
Siemens	GGD-321	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	72" w or 48" h, 18 sq. ft.	36" w or 48" h, 12 sq. ft.	24"

Accessories

Belimo	All Models	Auxillary Switches (SPDT)
Honeywell	ML-Series	Auxillary Switches (SPDT)
Siemens GND	X26.1U	Auxillary Switches (SPDT); X=1 for 24Vac, 2 for 120Vac, or 3 for 230Vac
Siemens GND	EFL	250°F / 121°C Thermostat Switch
Siemens	147-2000	Pneumatic Positioner

*F/S-AF-I and F/S-AF-II are approved for velocities up to 4000 fpm at 6" wg sp on dampers up to 36" x 36" with Honeywell actuators MS-8120, MS-4120, or MS4620F.

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350°F/ 177°C Rated Actuators Reference Chart



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Maximum Damper Size and Static Pressure						
OPERATORS		Mounting	Power Supply	F/S-3V and S-3V	F/S-AF and S-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	#4, 331-2961	Internal / External	25 PSI	36" w or 48" h, 9 sq. ft. - Class 1	36" w or 48" h, 9 sq. ft. - Class 1	24"
				36" w or 48" h, 12 sq. ft. - Class 2	36" w or 48" h, 12 sq. ft. - Class 2	24"

24 VAC - ELECTRIC				WIDTH or HEIGHT, SQ FT LIMITATIONS PER ACTUATOR		
Belimo	FSLF-24	Internal / External	24 VAC	36" w or 48" h, 4 sq. ft.	36" w or 48" h, 4 sq. ft.	18"
Siemens	GND-121	Internal / External	24VAC	36" w or 48" h, 4 sq. ft.	36" w or 48" h, 4 sq. ft.	18"
Siemens	GGD-121	External	24VAC	36" w or 48" h, 9 sq. ft.	36" w or 48" h, 9 sq. ft.	24"
Honeywell	MS-8120F*	External	24 VAC	36" w or 48" h, 12 sq. ft..	36" w or 48" h, 12 sq. ft.	24"

120 VAC - ELECTRIC				WIDTH or HEIGHT, SQ FT LIMITATIONS PER ACTUATOR		
Belimo	FSLF-120	Internal / External	120 VAC	36" w or 48" h, 4sq. ft.	36" w or 48" h, 4 sq. ft.	18"
Siemens	GND-221	Internal / External	120VAC	36" w or 48" h, 4 sq. ft.	36" w or 48" h, 4 sq. ft.	18"
Siemens	GGD-221	External	120 VAC	36" w or 48" h, 9 sq. ft.	36" w or 48" h, 9 sq. ft.	24"
Honeywell	MS-4120F*	External	120 VAC	36" w or 48" h, 12 sq. ft.	36" w or 48" h, 12 sq. ft.	24"

230 VAC - ELECTRIC				WIDTH or HEIGHT, SQ FT LIMITATIONS PER ACTUATOR		
Belimo	FSLF-230	Internal / External	230 VAC	36" w or 48" h, 4sq. ft.	36" w or 48" h, 4 sq. ft.	18"
Siemens	GND-321	Internal / External	230 VAC	36" w or 48" h, 4 sq. ft.	36" w or 48" h, 4 sq. ft.	18"
Siemens	GGD-321	External	230 VAC	36" w or 48" h, 9 sq. ft.	36" w or 48" h, 12 sq. ft.	24"
Honeywell	MS-4620F	External	230 VAC	36" w or 48" h, 12 sq. ft.	36" w or 48" h, 12 sq. ft.	24"

Accessories		
Belimo	All Models	Auxillary Switches (SPDT)
Honeywell	ML-Series	Auxillary Switches (SPDT)
Siemens GND	X26.1U	Auxillary Switches (SPDT); X=1 for 24Vac, 2 for 120Vac, or 3 for 230Vac
Siemens GND	EFL	250°F/ 121°C Thermostat Switch
Siemens	147-2000	Pneumatic Positioner

Note: Due to continuing research,
 UE reserves the right to
 change specifications
 without notice.

*F/S-AF-I and F/S-AF-II are approved for velocities up to 4000 fpm at 6" wg sp on dampers up to 36" x 36" with Honeywell actuators MS-8120, MS-4120, or MS4620F.