

Actuators for Model CCD - Commercial Control Dampers

Power Supply	Actuator Model	Size Limitation Per Actuator			
		3V or AF Blades (no Blade Seals)	3V or AF Blades (w/ Blade Seals)	Aluminum Blades	True Round Damper
Pneumatic (25PSI) spring return	Siemens #3, 331-4826	9 sq.ft.	9 sq.ft.	9 sq.ft.	24" dia.
	Siemens #4, 331-2961	25 sq.ft.	25 sq.ft.	20 sq.ft.	24" dia.
Electric (120VAC) spring return	Belimo TF120 (-S)	4.5 sq.ft.	2.5 sq.ft.	1.8 sq.ft.	12" dia.
	Belimo LF120 (-S)	8 sq.ft.	5 sq.ft.	3.5 sq.ft.	18" dia.
	Belimo NFBUP (-S)	22.5 sq.ft.	12.75 sq.ft.	9 sq.ft.	24" dia.
	Belimo AF120 (-S)	33 sq.ft.	19 sq.ft.	13.3 sq.ft.	24" dia.
	Honeywell MS4104	9 sq.ft.	6 sq.ft.	6 sq.ft.	24" dia.
	Honeywell MS4109	20 sq.ft.	11.5 sq.ft.	8 sq.ft.	24" dia.
	Honeywell MS4120	25 sq.ft.	25 sq.ft.	17.5 sq.ft.	24" dia.
	Siemens GND226.1	8 sq.ft.	5 sq.ft.	3.5 sq.ft.	18" dia.
Electric (24VAC/DC) spring return	Siemens GGD221.1	25 sq.ft.	20 sq.ft.	14.1 sq.ft.	24" dia.
	Belimo TF24 (-S)	4.5 sq.ft.	2.5 sq.ft.	1.8 sq.ft.	12" dia.
	Belimo LF24 (-S)	8 sq.ft.	5 sq.ft.	3.5 sq.ft.	18" dia.
	Belimo NFB24 (-S)	22.5 sq.ft.	12.75 sq.ft.	9 sq.ft.	24" dia.
	Belimo AF24 (-S)	33 sq.ft.	19 sq.ft.	13.3 sq.ft.	24" dia.
	Honeywell MS8104	9 sq.ft.	6 sq.ft.	6 sq.ft.	24" dia.
	Honeywell MS8109	20 sq.ft.	11.5 sq.ft.	8 sq.ft.	24" dia.
	Siemens GND126.1	8 sq.ft.	5 sq.ft.	3.5 sq.ft.	18" dia.
Electric (24VAC) spring return	Honeywell MS8120	25 sq.ft.	25 sq.ft.	17.5 sq.ft.	24" dia.
	Siemens GGD121.1	25 sq.ft.	20 sq.ft.	14.1 sq.ft.	24" dia.
Electric (24VAC/DC) spring return, modulating	Belimo LF24-SR (-S)	8 sq.ft.	5 sq.ft.	3.5 sq.ft.	18" dia.
	Belimo NFB24-SR (-S)	22.5 sq.ft.	12.75 sq.ft.	9 sq.ft.	24" dia.
	Belimo AF24-SR (-S)	33 sq.ft.	19 sq.ft.	13.3 sq.ft.	24" dia.
	Belimo AFB24-MFT (-S)	33 sq.ft.	19 sq.ft.	13.3 sq.ft.	24" dia.
	Belimo AFB24-MFT95	33 sq.ft.	19 sq.ft.	13.3 sq.ft.	24" dia.

NOTE:

- BELIMO AF SERIES AND HONEYWELL MS-4120/8120 ARE SUITABLE FOR OPERATING UP TO TWO DAMPER SECTIONS. ALL OTHER ACTUATORS MAY OPERATE ONE DAMPER SECTION ONLY.
- USE ALUMINUM BLADE SQUARE FOOTAGE FOR STEEL FRAME DAMPERS WITH INSULATED BLADES.
- 230VAC ACTUATORS ARE AVAILABLE ON SPECIAL REQUEST. CONTACT FACTORY FOR AVAILABILITY.
- SIEMENS GGD AND GND SERIES ACTUATORS ARE AVAILABLE ON SPECIAL REQUEST, CONTACT FACTORY FOR LEAD TIME AND PRICING.

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		
ENGINEER:		
CUSTOMER:		<i>MJ</i> 256129
SUBMITTAL DATE:	SPEC. SYMBOL:	2013/10/01

CCD
CONTROL DAMPER
ACTUATOR SELECTION
CHART