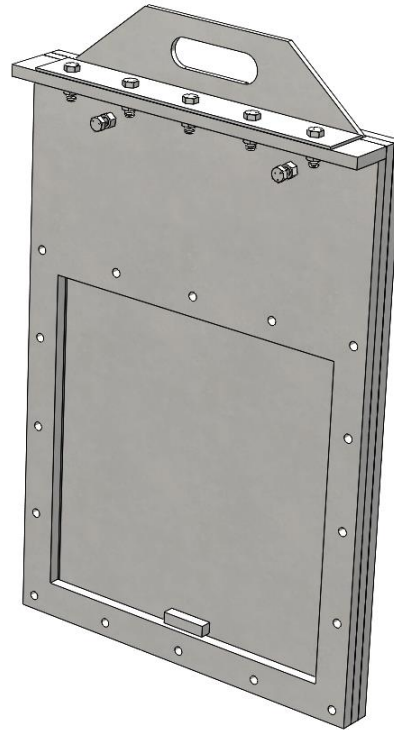


Standard Industrial Rectangular Slide Gate Damper

VentilationComponents.com's rectangular slide gate dampers are durable and cost effective.



Application

- Use for tight shut off or balancing of an airstream, or for flow control in material handling systems
- Various sizes available, built to suit rectangular ducts and equipment
- Differential pressure ratings ranging from 15inWC to 50inWC available, with higher pressure ratings up to 100inWC available upon request

Features

- Flanged inlet and outlet connections
- Tight sealing, positive stop, and polished blade
- Seal blade and locking bolts
- Can be fitted with jack screw, manual lever, or pneumatic actuator
- Available in a variety of materials

Benefits

- Short flange to flange connection
- Duct can be disconnect on one side to leave branch isolated
- Simple, reliable, and easy to maintain
- Heavy duty construction

Options

Size

Sizes ranging from 8.00in x 8.00in to 48.00in x 48.00in inside flange are available. Larger sizes are available upon request.

Pressure rating

Three different pressure ratings are offered: up to 15inWC, up to 30inWC, and up to 50inWC. Custom pressure ratings up to 100inWC are available upon request.

Flange bolt pattern

The flange bolt patterns follow our standard. Different patterns are available upon request.

Handle Type

The blade handle can instead be built to suit a specified actuator upon request.

Actuator supply

If applicable, and with specifications provided by the customer, an actuator, accessories, and actuator mounting considerations can be supplied upon request.

Materials

A variety of materials are offered to suit different applications.

Primary material

- 304 stainless steel
- 316 stainless steel
- Corten steel
- Carbon steel painted, moderate exposure

Seal blade material

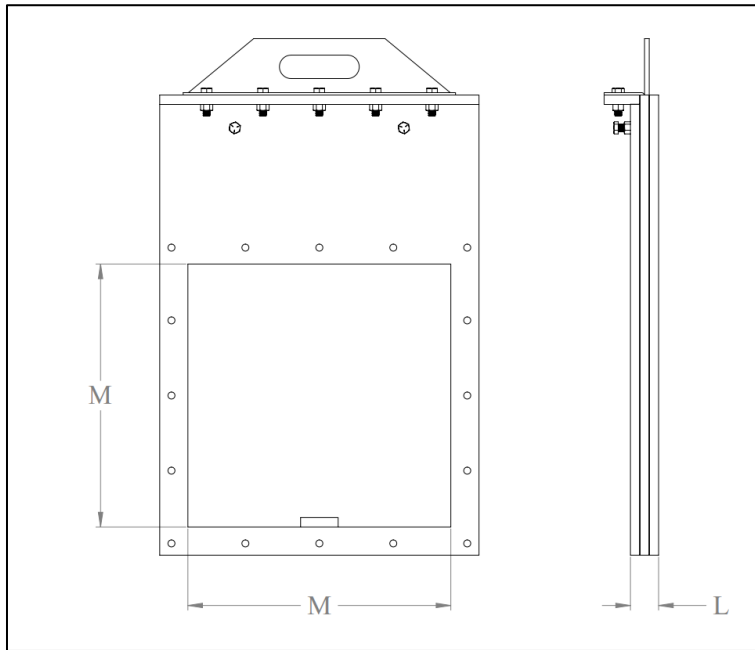
- UMHW plastic

Hardware material

- 304 stainless steel
- 316 stainless steel
- Type 18-8 stainless steel
- Zinc chromate grade 5
- Carbon steel grade 5

Other materials not listed are available upon request.

Data and dimensions

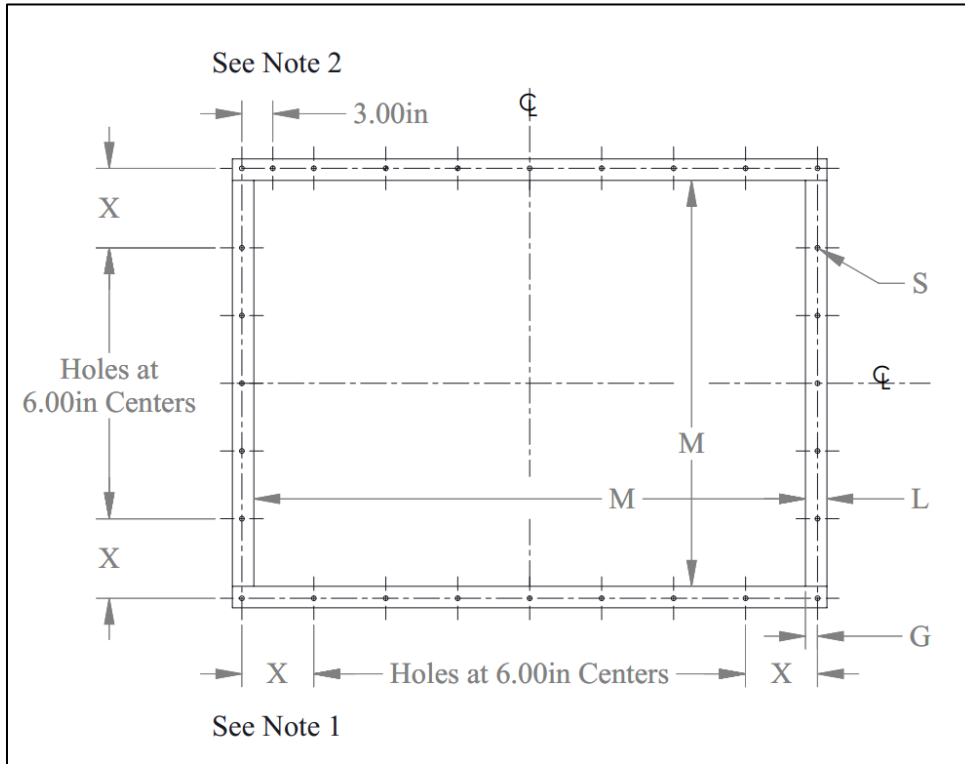


Item Number	"M" Largest Dimension Width or Height		Nominal Pressure Rating	"L" Length
	M _{LOWER}	M _{UPPER}		
	inches	inches	inWC	inches
DA-08-[8.00 to 16.00]-15	8.00	16.00	15	1.13
DA-08-[8.00 to 16.00]-30	8.00	16.00	30	1.50
DA-08-[8.00 to 16.00]-50	8.00	16.00	50	1.50
DA-08-[16.01 to 24.00]-15	16.01	24.00	15	1.50
DA-08-[16.01 to 24.00]-30	16.01	24.00	30	1.88
DA-08-[16.01 to 24.00]-50	16.01	24.00	50	1.88
DA-08-[24.01 to 31.00]-15	24.01	31.00	15	1.88
DA-08-[24.01 to 31.00]-30	24.01	31.00	30	2.25
DA-08-[24.01 to 31.00]-50	24.01	31.00	50	2.25
DA-08-[31.01 to 39.00]-15	31.01	39.00	15	2.25
DA-08-[31.01 to 39.00]-30	31.01	39.00	30	2.25
DA-08-[31.01 to 39.00]-50	31.01	39.00	50	2.25
DA-08-[39.01 to 46.00]-15	39.01	46.00	15	2.25
DA-08-[39.01 to 46.00]-30	39.01	46.00	30	3.00
DA-08-[39.01 to 46.00]-50	39.01	46.00	50	3.00
DA-08-[46.01 to 48.00]-15	46.01	48.00	15	3.00
DA-08-[46.01 to 48.00]-30	46.01	48.00	30	3.00
DA-08-[46.01 to 48.00]-50	46.01	48.00	50	3.00

Notes

1. Nominal Size to be specified by customer.
2. 3D model files and general arrangement drawings with installation details available upon order.

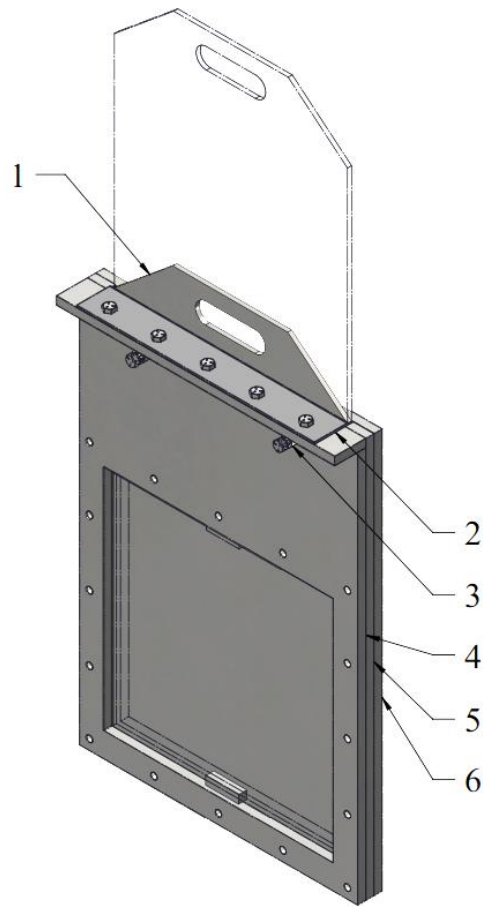
Standard rectangular flange details



"M" Largest Dimension Width or Height		"L" Flange Leg	"G" Gauge	"S" Hole Diameter	Bolt Size
M _{LOWER}	M _{UPPER}				
inches	inches	inches	inches	inches	inches
0	31.00	1.50	0.875	0.500	3/8
31.01	39.00	2.00	1.125	0.500	3/8
39.01	78.00	2.50	1.375	0.625	1/2
78.01	101.00	3.00	1.750	0.625	1/2
101.01	120.00	4.00	2.250	0.625	1/2

Notes

1. "X" is minimum 2.50in and maximum 8.50in.
2. If "X" is greater than 6.00in, add an extra hole 3.00in from corner hole.
3. Holes always land on centerlines and corners.



Parts list

Number	Quantity	Description
1	1	Blade weldment with stop
2	1	Seal blade
3	Varies	Locking bolt
4	1	Main piece 1 weldment
5	1	Main piece 2
6	1	Main piece 3

Notes

1. All hardware provided, unit is assembled when delivered.

How to order

To fully specify the DA-08 Rectangular Slide Gate Damper, make a selection from the code boxes below.

Example: DA-08-C-2-R-3-30-S-S-N, shown below, is a rectangular slide gate damper with 316 stainless steel as the primary material, a UMHW plastic seal blade, type 18-8 stainless steel hardware, a 30inWC pressure rating, our standard bolt pattern, and our standard handle. The customer has specified that the damper be 44.00in height and 20.00in width.

1	2	3	4	5	6	7	8	9	10
DA	08	C	2	R	3	30	S	S	N
Specifications									
Please provide a drawing for our approval of a 44.00in height and 20.00in width rectangular slide gate damper, as specified.									

1	Equipment type								
DA	Damper								
2	Equipment sub-type								
08	Rectangular Slide Gate Damper								
3	Nominal size								
C	Customer Specified Size								
4	Primary material								
1	304 Stainless Steel				4	Painted Carbon Steel, Moderate Exposure			
2	316 Stainless Steel				C	Customer Specified Material			
3	Corten Steel								
5	Seal blade material								
R	UMHW Plastic				C	Customer Specified Material			
6	Hardware material								
1	304 Stainless Steel				4	Zinc Chromate Grade 5			
2	316 Stainless Steel				5	Carbon Steel Grade 5			
3	Type 18-8 Stainless Steel				C	Customer Specified Material			
7	Pressure rating								
15	15inWC, Up to 4500fpm				50	50inWC, Up to 6000fpm			
30	30inWC, Up to 5000fpm				C	Customer Specified Pressure Rating			
8	Flange bolt pattern								
S	Standard				C	Customer Specified Flange Bolt Pattern			
9	Handle type								
S	Standard Handle				V	VentilationComponents.com Supplied Actuator Details			
C	Customer Supplied Actuator Details								
10	Actuator and accessories supply								
C	Customer				V	VentilationComponents.com			
N	Not Applicable								

Many types of customizations are available upon request.

Note: There are various factors which should be considered when selecting a damper for a specific application. Some of these factors are outside of the scope of this data sheet. If you have any questions regarding the application, compatibility, or use of this damper, contact VentilationComponents.com for more information.

Contact@VentilationComponents.com