

# Fire Dampers

**Description:** Curtain-style fire dampers are designed to restrict the spread of fire through ventilation systems by snapping shut when the link melts or receives an electric pulse (depends on link).



## Required information:

1. What are the dimensions of the damper? width" x height" \_\_\_\_\_ x \_\_\_\_\_

*Please note: If the damper is round, please only specify the pipe diameter in inches. Dampers are supplied 1/4" less than order width and height (by inches) unless the "actual size" is specified. Transition dampers type "C" - rectangular, "CO" - oval, "CR" - round. Specify dimensions as follows:*

- CR: (square or rectangular frame with round transition) \_\_\_\_\_ diameter  
 CO: (square or rectangular frame with oval transition) \_\_\_\_\_ width of oval x \_\_\_\_\_ height of oval  
 C: (square or rectangular frame with rectangular transition) \_\_\_\_\_ width of rectangle x \_\_\_\_\_ height of rectangle

*Please note: On the transition, we will determine the proper frame based on order dimensions you list.*

2. Where are the blades positioned?

- In the airstream (75-85% free area)  
 Out of the airstream (80-90% free area and less resistance to air flow)

*Please note: When ordering blades for out-of-the-airstream dampers, the "height" does not include the blade stack. (See our specs for more details.)*

3. What is the depth of the damper?

- 2"  4.25"

*Please note: A sleeve is required to increase the depth of the damper.*

4. What is the orientation (mount) of the damper?

- Horizontal (spring loaded with a blade lock)  
 Vertical (gravity operated)

5. What fire rating is required?

- 1.5 hour  3 hour

*Please note: Three-hour dampers can only be mounted vertically.*

6. What type of HVAC system is the damper for?

- Static: The HVAC system is required to shut down automatically during fire emergencies.  
 Dynamic: The HVAC system will continue to operate during the early phases of a fire emergency, providing important smoke control functions.

*Please note: Dynamic dampers can be mounted vertically or horizontally. Also, curtain dynamic dampers can only be made in single sections up to a 24" x 24" maximum size. Multi-blade dynamic dampers have multiple sections up to 72" x 72".*

7. What material is required for the construction of the damper?

- Galvanized Steel (standard if not specified)  Stainless Steel

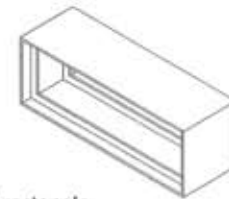
8. Specify temperature of fusible link

- 165°F  212°F  
 285°F  375°F  
 386°F

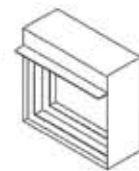
9. Do you require a sleeve to increase the depth of the damper? If so, specify dimensions:  
 length \_\_\_\_\_ gauge \_\_\_\_\_ offset of damper in sleeve \_\_\_\_\_  
 (standard sleeve is 12" long, 20 gauge with damper standard)

10. Do you require mounting angles?

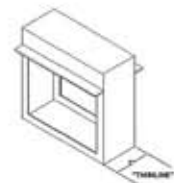
- Full set of standard angles (4 per side, 8 total)  
 Rapid mounting angle (4 total for one-sided mounting angle)



Model 75A



Model 75B



Model 75DB

	Vertical	Horizontal
<b>Static Curtain Damper (Single Section)</b>		
Min:	4" x 4"	4" x 4"
Max:	60" x 60"	60" x 60"
<b>Static Curtain Multi-Section</b>	120" x 120"	n/a
<b>Dynamic Curtain (Single Section)</b>		
Min:	4" x 4"	4" x 4"
Max:	24" x 24"	24" x 24"
<b>Multi-Blade (Single Section)</b>	36" x 36"	
<b>Multi-Blade (Multi-Section)</b>	72" x 72"	

Date: \_\_\_\_\_

**Wholesaler** **WebREPS**  
 Name: **Vero Beach, FL 32960**  
 Location: **Denny Walker**  
 Salesman: **800-810-3280**  
 Phone: **Fax 888-971-2999**

**Contractor**  
 Company: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Job Name: \_\_\_\_\_  
 Signature: \_\_\_\_\_

**Comments:**  
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