



**STATIC MULTI-BLADE FIRE DAMPER**  
 FOR USE IN STATIC SYSTEMS  
 HIGH PERFORMANCE  
 3 HR. LABEL • AIRFOIL BLADE  
 MODEL: 1202-3 (TYPE B SLEEVE ENCLOSURE)



FOR DUCTS UNDER 8" (203) IN HEIGHT AND 8" (203) OR MORE IN WIDTH

**QUALIFICATIONS:**

- **UL 555 & CAN/ULC-S112 CLASSIFIED FIRE DAMPER**  
3 hr. Label (File # R9492).
- **Meets NFPA 80, 90A and 101 as well as IBC and NBC (Canada) Building Code requirements.**
- **California State Fire Marshal Listing No. 03225-0935:101.**
- **City of New York. MEA# 366-03-M.**

The 1200-3 Series Dampers are ideal for applications where building codes require a fire damper for the protection of ductwork penetrations in walls or floors that have a fire resistance rating of up to 4 hours.

The 1200-3 Series is classified for use only in static "fans off" systems where the HVAC system is automatically shut down in the event of a fire alarm.

The 1200-3 Series has been especially designed and tested to provide premium performance. Airfoil blade design and elimination of blade sills, top and bottom, provide a low pressure drop design.

The 1200-3 Series features the industry proven over-center knee-lock design with high torque spring/fusible link closure.

Unique, inter-locking double skin blade design provides flame and smoke seal under fire conditions.

The 1200-3 is supplied as standard with an internal locking quadrant which holds the damper in the fully open position, but may also be used for system balancing if required.

**STANDARD SPECIFICATION:**

- Frame:** 5" x 7/8" x 16 ga. (127 x 22 x 1.6) galvanized steel hat channel.
- Blades:** 14 ga. (2.0) equivalent galvanized steel formed airfoil on 5 1/2" (140) centers. Opposed action.
- Linkage:** Concealed in frame. 12 ga. (2.7) plated steel.
- Bearings:** 1/2" (13) dia. self-lubricating oilite bronze.
- Axles:** 1/2" (13) dia. plated steel double bolted to blades.
- Jackshaft:** 1/2" (13) dia. cadmium plated steel. Internal locking quadrant is factory installed.

**Fusible Link:** 165°F (74°C) standard. 212°F (100°C) available.

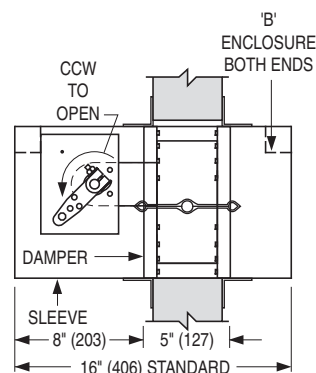
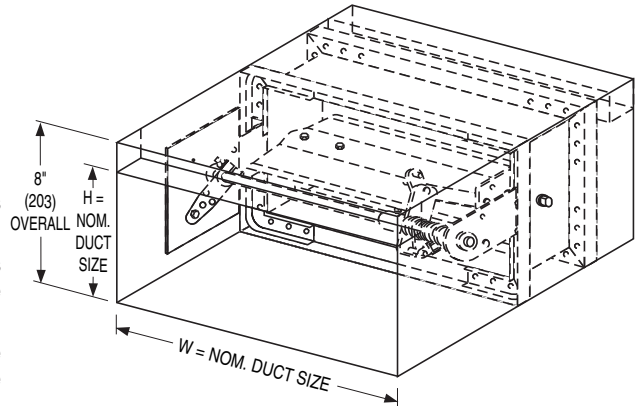
**Min. Duct Size:** 8" x 4" (203 x 102). (Overall damper height is 8" [203]).

**Max. Duct Size:** Single Section  
 Vertical mount: 36" x 7 1/2" (914 x 191).  
 Horizontal mount: 32" x 7 1/2" (813 x 191).  
 Multiple Section Assembly  
 Vertical mount only: 120" x 7 1/2" (3048 x 191)  
 (Individual section width not to exceed 30" [762]).

Units less than 8" (203) in width only, or in both width and height, require a Type 'C' enclosure (Model 1203-3).

**SLEEVE/ENCLOSURE SELECTION:**

- 1202-3** Standard factory sleeve 16" long x 20 ga. (406 x 1.0) (18 ga. [1.3] for dampers over 84" [2134] in width).
- 1202-3** Non-standard sleeve. Specify \_\_\_\_\_ length \_\_\_\_\_ ga. Available up to 36" (914) dependent upon wall thickness and 10 through 20 ga. (3.5 through 1.0).



Wall Thickness	Minimum Sleeve Length
4 (102)	16 (406)
8 (203)	20 (508)
12 (305)	24 (610)
16 (406)	28 (711)

**OPTIONS:**

- MLS-300** Position indicator switch pack
- BS** Stainless steel bearings
- JSM** Flexible metal jamb seals
- QS1** Quick-set retaining angle (one side)
- QS2** Quick-set retaining angles (two sides)
- Special features** \_\_\_\_\_

For installation instructions, see IOM-MBFDINST.

<b>SCHEDULE TYPE:</b>
<b>PROJECT:</b>
<b>ENGINEER:</b>
<b>CONTRACTOR:</b>

Dimensions are in inches (mm).

<b>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>
5 - 10 - 11	1200	NEW	1200-3-2