DYNAMIC MULTI-BLADE FIRE DAMPER

FOR USE IN DYNAMIC OR STATIC SYSTEMS • HIGH PERFORMANCE
1 1/2 HR. LABEL • AIRFOIL BLADE

MODEL: D1202 (TYPE B SLEEVE ENCLOSURE)

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

QUALIFICATIONS:

- **UL 555 CLASSIFIED DYNAMIC FIRE DAMPER • 1 1/2 hr. Label (File #R9492).**
- **CAN/ULC-S112 CLASSIFIED FIRE DAMPER (File #R19569).**
- **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.**
- **Maximum velocity 2000 fpm @ 4" w.g. (up to 3000 fpm with size limitations. Consult Nailor).**

The D1200 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 2 hours.

The D1200 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 D1200 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.

UL approved for installation with airflow in either direction and inverted mounting.

The D1200 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.

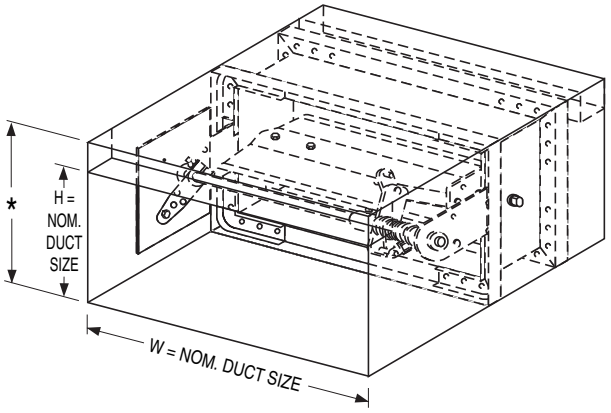
Fusible Link: 165°F (74°C) standard. 212°F (100°C) available on single and double section sizes only.

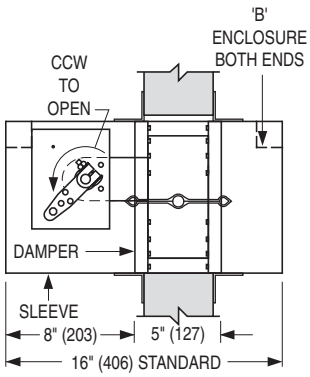
Min. Duct Size: 8" x 4" (203 x 102). (Overall damper height is 8" (203).

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: 144" x 7 1/2" (3658 x 191).
Horizontal mount: 128" x 7 1/2" (3251 x 191).

Units less than 8" (203) in width only, or in both width and height, require a Type 'C' enclosure (Model D1203).





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

SLEEVE/ENCLOSURE SELECTION:

❑ **D1202** Standard factory sleeve 16" long x 20 ga. (406 x 1.0).

❑ **D1202** 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).

OPTIONS:

❑ **BS** Stainless steel bearings

❑ **MLS-300** Position indicator switch pack

❑ **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.

SCHEDULE TYPE:	Dimensions are in inches (mm).			
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**1 - 1 - 12**	**D1200**	**12 - 2 - 09**	**D1200-2**