



OUT OF WALL FIRE DAMPER FOR THROUGH PENETRATIONS
 (DUCTED BOTH SIDES)
 FOR USE IN DYNAMIC OR STATIC SYSTEMS
 1 1/2 HR. LABEL • AIRFOIL BLADE
MODEL: D1201-DOW



QUALIFICATIONS:

- UL 555 & CAN/ULC-S112 CLASSIFIED FIRE DAMPERS 1 1/2 hr. Label (File #9492).
- California State Fire Marshall: Fire Damper Listing No. 3225-0935:101.
- Meets NFPA 80, 90A and 101 as well as IBC and NBC (Canada) requirements.
- Maximum velocity 3000 fpm @ 4" w.g.
- For use in vertical or horizontal concrete partitions and vertical steel stud partitions only.

The Model D1201-DOW is an "out of wall" (vertical mount) or "out of floor" (horizontal mount) for through penetration applications (ductwork is connected to both sides) where the damper cannot be installed within the plane of the wall or floor.

The D1201-DOW is 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 D1201-DOW offers premium performance and a low pressure drop well suited to the majority of commercial applications. Unique, inter-locking double skin blade design eliminates combustible seals and provides flame protection under fire conditions at temperatures up to 2000°F.

The D1201-DOW 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.

Sleeve: 16" x 20 ga. (406 x 1.0) galvanized steel.

Insulation: Intumescent thermal insulation on four sides.

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.

Minimum Size: Vertical or Horizontal mount: 8" W x 8" H (203 x 203).

Maximum Size: Single Section
 Vertical mount: 36" W x 48" H (914 x 1219).
 Horizontal mount: 32" W x 48" H (813 x 1219).
 Multiple Section Assemblies are not permitted.

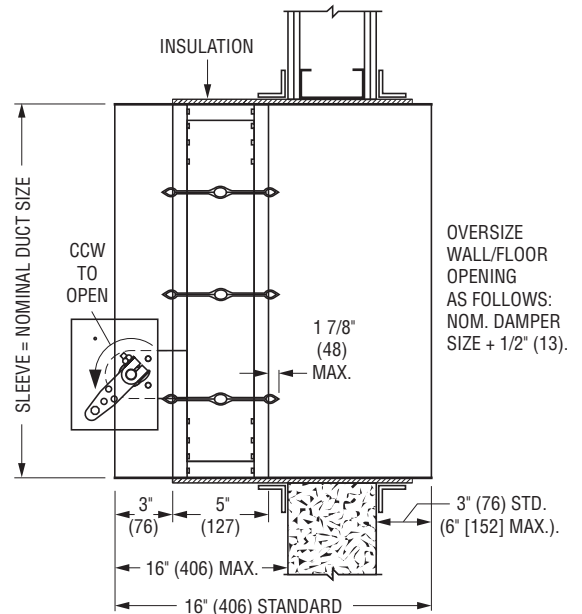
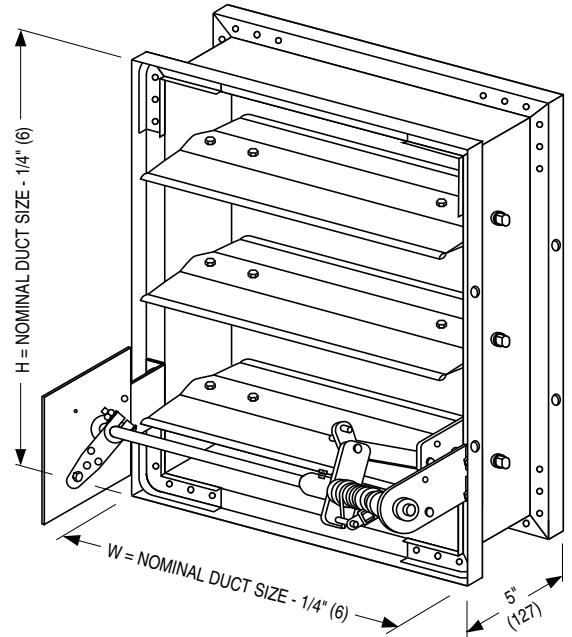
BASE MODEL SELECTION:

- D1201-DOW Standard factory sleeve. See above.
- D1201-DOW Non-standard sleeve. Specify _____ length _____ ga.

OPTIONS:

- BS Stainless steel bearings
- JSM Flexible metal jamb seals
- MLS-300 Position indicator switch pack
- QS2 Quick-set retaining angles (pair)
- TDF1 TDF Flange (one end)
- TDF2 TDF Flange (both ends)

For installation instructions, see IOM-1201DOWINST.



NOTE:

STANDARD SLEEVE/DAMPER (FOR 4" [102] WALL) PROVIDES 1" (25) OFFSET FROM WALL FACE TO EDGE OF DAMPER FRAME. FOR THICKER WALLS OR TO OFFSET DAMPER FARTHER FROM WALL FACE (MAX. 8" [203]) LENGTHEN SLEEVE ACCORDINGLY.

Dimensions are in inches (mm).

SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.
CONTRACTOR:	3 - 28 - 11	1200	NEW	D1201-DOW