

APPLICATION

Model FD-AUSLB ultra slimline 1 ½ or 3 hour UL classified static (fans off) curtain style fire damper for use in HVAC systems that turn off during a fire. Fire dampers are used for the protection of openings in walls or partitions with fire resistance ratings of less than 3 hours for 1 ½ hour protective rating and 3 hour or more for 3 hour protective rating. The FD-AUSL vertically installed in walls and rated for airflow in either direction.

With the Ultra Slimline design the FD-AUSL is perfect for transfer opening with grilles mounted on both sides of the wall.

Standard Construction

Frame: Roll-formed galvanized steel in gauges required by UL listing R-25410.

Blades: Roll-formed galvanized steel in gauges required by UL listing R-25410.

Fuse Link: 165° F (74°C) is standard. 212° F (100°C) available option.

SIZE

Minimum: Vertical - 4" (102) wide x 4" (102) high

Maximum: Vertical - 40" (1016) wide x 40" (1016) high.

OPTIONS

Sleeves - of various lengths and gauges

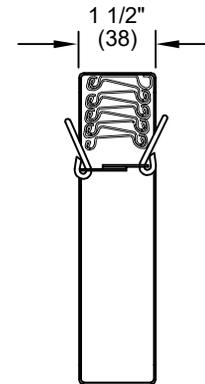
One Side Mounting Angles - 1 ½ Hour Standard

Two Sides Mounting Angles - Option 1 ½ Hour and 3 Hour Standard

Ratings - EMME R25410

UL 555 Fire Resistance Rating

Fire Rating: 1 ½ Hour (Less than 3 hours wall rating)
3 Hour (3 hours and More rating)



National Fire Protection Association
NFPA Standards 80, 90A, 92A, 101 and 5000
ICC International Building Codes
CSFM California State Fire Marshal
Listing 3225-1722:0100
Canada ULC-S112 Fire Damper

Notes:

1. Refer to the installation instructions for additional details.
2. Damper are furnished approx. ¼" (6) undersized, unless otherwise noted.
3. Dimensions shown in parentheses () indicate millimeters.

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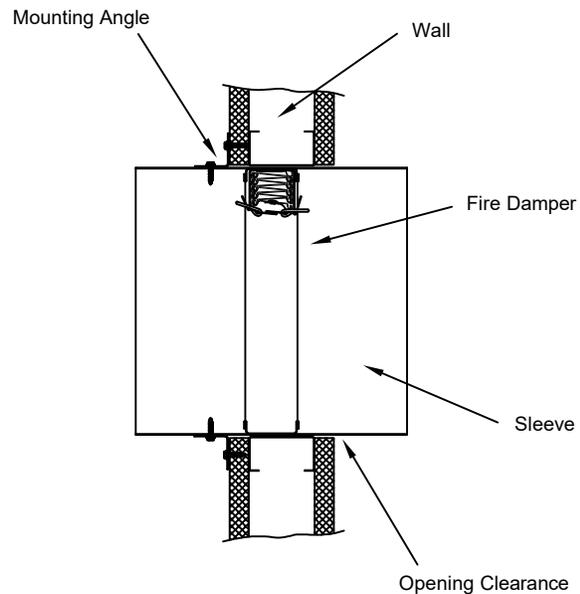
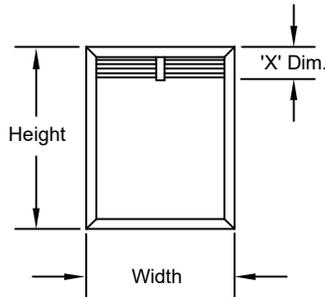
FD-AUSL Static Fire Damper with Slim Line Frame

DRAWN BY: KSM	DATE: March, 2025	REV. DATE:	REV. NO.	DWG. NO. PD-025
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FD-AUSL Dimensional Data and Typical Fire Damper Installation

Vertical Mount

Vertical Blade Stack Height Damper Height	'X' Dim.
4" (102) Thru 12" (305)	2" (51)
13" (330) Thru 18" (457)	3" (76)
19" (483) Thru 26" (660)	4" (102)
27" (686) Thru 32" (813)	5" (127)
33" (838) Thru 40" (1016)	6" (152)



Vertical Installation

See UL Listed Installation instructions for complete installation details

SUGGESTED SPECIFICATION

Furnish and install at locations shown on the plans, or as described in schedules for curtain type fire dampers suitable for vertical wall or horizontal masonry floor or ceiling. Static fire dampers tested, constructed and labeled in accordance with the latest edition of UL Standard 555. Dampers shall have a fire rating of 1 1/2 hours or 3 hours and shall meet the requirements of the latest edition of NFPA90A.

Damper Ultra Slim Line frame and blades shall be galvanized steel in gauges required by UL listing R-25410 installed in a factory mounted sleeve and shipped loose mounting angle. Damper blades shall be steel interlock to provide fire shield in gauges required by UL listing R-25410.

Each static fire damper shall include a steel sleeve and mounting angles furnished by the damper manufacturer to ensure appropriate installation. Submittal information shall include the manufacturer's UL installation instructions. The dampers shall be installed in accordance with the manufacturer's UL installation instructions. Static fire dampers shall be in all respects equivalent to United Enertech FD-AUSL.

Each damper shall include a 165°F (74°C), or 212°F (100°C) fusible link and shall be labeled for use in static systems.

Static fire dampers shall be United Enertech model FD-AUSL.

(Consult United Enertech for detailed CSI MasterFormat Specifications).