



MODEL FDD-B-OW
DYNAMIC CURTAIN TYPE B FIRE DAMPERS
OUTSIDE WALL / PARTITION APPLICATION
VERTICAL AND HORIZONTAL MOUNTING — 1 1/2 HOURS*

Standard Construction:

- Frame:** Roll Formed Galvanized Steel with Safety Edge.
Blades: Roll Formed Galvanized Steel, Curtain-Type
Sleeve: 20 Ga. Galvanized wrapped in thermal blanket.

Heat Responsive Devices:

Fusible Links, 165°F Std.

Mounting: Vertical.

Finish: Mill galvanized Standard.

Vertical Mount:

Min. Size: 6"w X 6"h
(152 mm x 152 mm)

Max. Size: 36"w X 36"h
(914 mm x 914 mm)

Horizontal Mount:

Min. Size: 6"w X 4"h
(152 mm x 152mm)

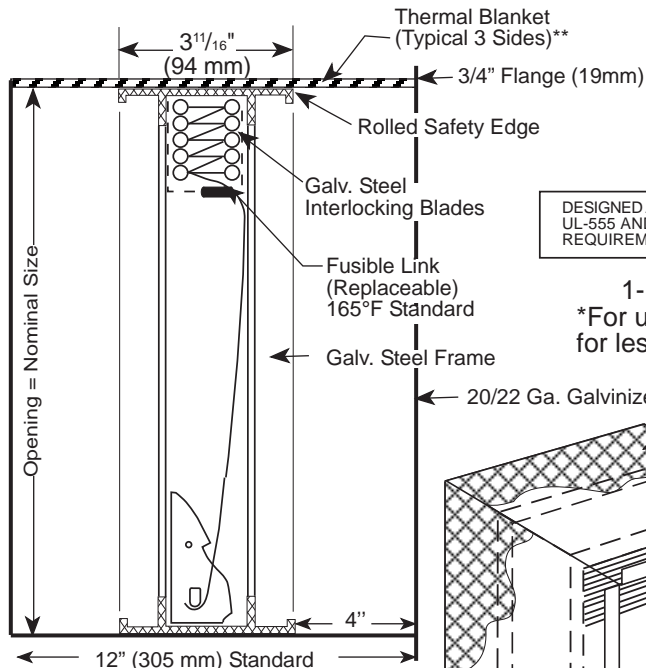
Max. Single Sect.: 18"w X 18"h
(457 mm x 457 mm)

Max. Size: 36"w X 34"h
(914 mm x 914 mm)

Notes: Dampers are furnished approximately actual size of given duct dimensions, (not including thermal blanket). Wall opening must be over-sized by 3/8" (9.5 mm) to accommodate thermal blanket thickness.

Features:

- The FDD-OW fire damper has been designed and tested to exceed all UL, ULC, and NFP requirements.
 - They are intended for use in dynamic design systems where the grille and damper assembly do not allow for the damper to be mounted in the plane of the fire barrier.
 - UL 555 and ULC S112 listed and labeled as a 1-1/2 hour vertical or horizontal fire damper.
 - The Fire damper, insulation, and sleeve must be ordered from the factory as an assembly.
 - Damper approved for up to 2000 FPM at 4.0"SP.
- **Typical 3 sides for vertical mount (shown) and typical 4 sides when mounted horizontal.



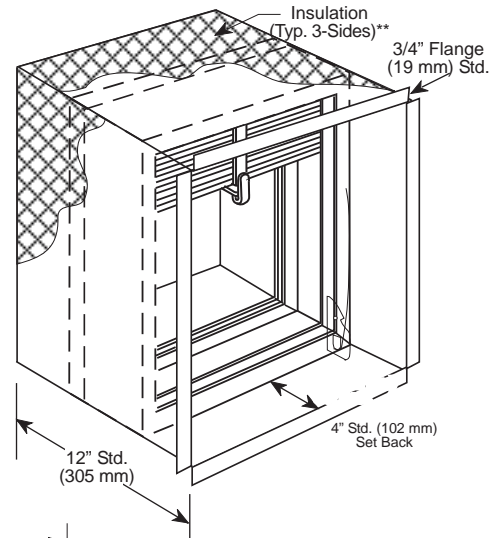
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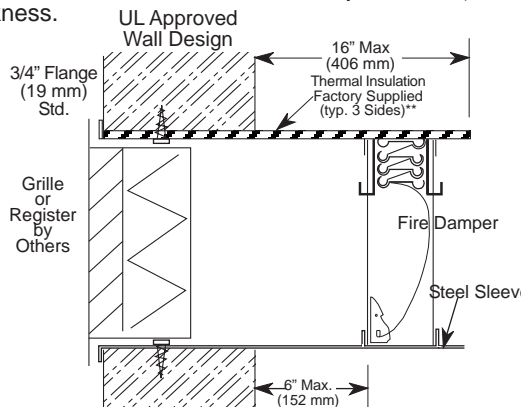
DESIGNED AND TESTED IN ACCORDANCE WITH UL-555 AND ULC-S112. MEETS ALL NFPA-90A REQUIREMENTS FOR FIRE DAMPERS.

1-1/2 HOUR RATING

*For use in fire barriers rated for less than 3 hours.



Grille Mount With "-OW" Damper



Options:

- Longer sleeve lengths.
- Heavier Sleeve Gauges.
- Transitions on open (Non Grille) end.

Manufacturer's Recommendations

All moving parts of the damper must be inspected and cycled at intervals not greater than every six months and in accordance with the latest edition of NFPA 90A, 92A, local codes and the actuator manufacturer. In addition, fuse links shall be removed and inspected for corrosion. Dry lubricants are recommended.

Specifications are correct at time of printing. However, as part of our 'continuous improvement program,' we reserve the right to make further improvements without notice.

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FDD-B-OW - 04-05

Project:

Contractor:

Location:

Address:

Architect:

P.O. Number:

Engineer:

Date: