



MODEL FDD-AOW

CURTAIN FIRE DAMPER

U.L. 555 CLASSIFIED 1 1/2 HOURS
FOR USE IN DYNAMIC SYSTEMS

Application and Design

The Model FDD-AOW is UL Classified for installation where the grille and damper assembly does not allow for mounting in the plane of the fire barrier with a fire rating of less than 3 hours. This damper may be installed horizontally or vertically in dynamic systems that continues to operate in the event of fire.

Standard Construction

- Frame:** Roll formed Frame - Galvanized Steel - Sleeved
- Sleeve:** 20 Ga. Galvanized - Wrapped in Thermal Blanket
- Blades:** Low Profile Roll Formed - Galvanized Steel
- Flange:** 3/4"
- Closure Springs:** Stainless Steel constant force coil
- Fusible Link - UL-33:** UL Listed 165°F (Standard), 212°F (Optional)
- Maximum Velocity:** 2000 FPM (10.2 M/S)
- Maximum Pressure:** 4" WG (1KPA)
- Insulation:** Typ. 3 sides vertical, 4 sides horizontal

Model FDD-AOW meets or complies with the following as a fire damper:

All major building codes, including IBC/ICC International Code
UL 555 Listing 1-1/2 Hour - File #R25410
ULC S112

Options:

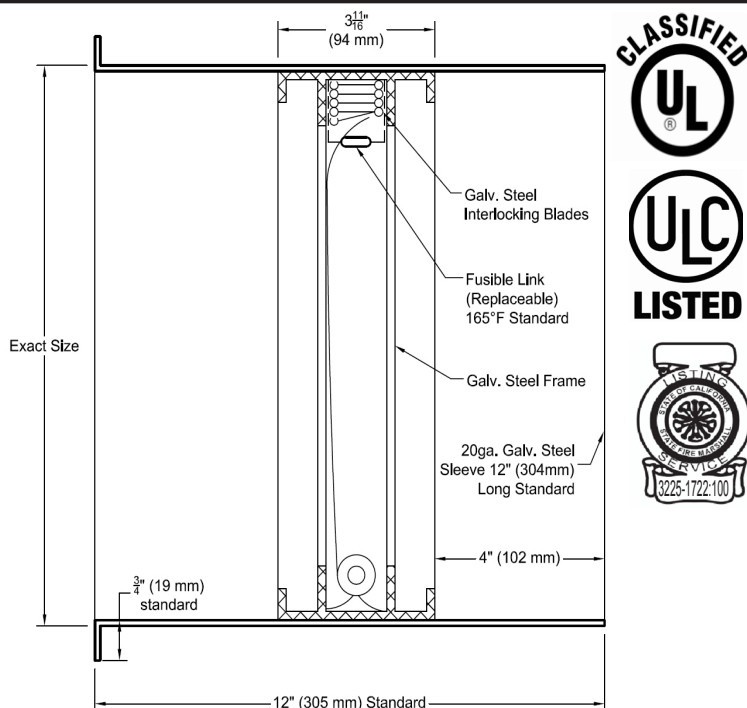
- Factory Sleeve:** _____ Ga (18 Ga min.)
- Sleeve Length:** _____ Inches
- Retaining Angles**
One Side _____
- Transitions on open (Non Grille) end**
- Mounting:**
 - Horizontal
 - Vertical

* May consist of multi-sections

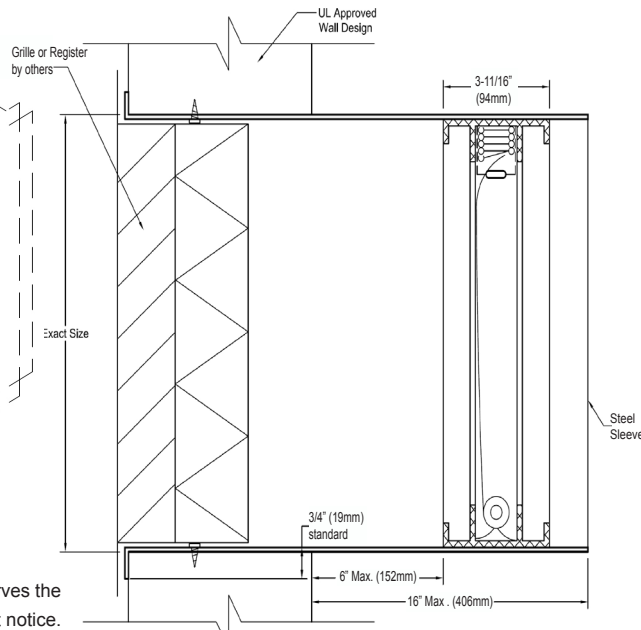
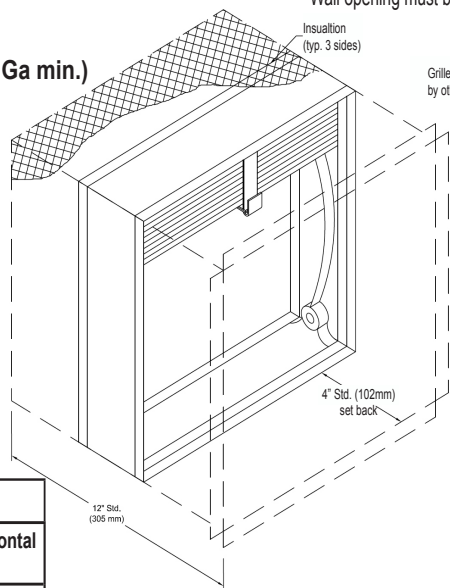
Standard Sizes (duct) 1-1/2 hr

Min. Size	Max. Vertical Size	Max. Horizontal Size
6"W X 6"H 152mm X 152mm	42"W X 36"H 1067mm X 914mm	36"W X 36"H 914mm X 914mm

Note: Due to continuing research, UE reserves the right to change specifications without notice.



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



Job Name: _____

Location: _____

Architect: _____

Engineer: _____

Contractor: _____

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DRAWN BY: MAB	DATE: 11-06-07	REV. DATE: 6-11-10
REV. NO. 4	APPROVED BY: SDC	DWG. NO.: A-25