MODEL FDD-SB
CURTAIN FIRE DAMPER
U.L. 555 CLASSIFIED 1-1/2 AND 3 HOURS
FOR USE IN DYNAMIC OR STATIC SYSTEMS

Application and Design
The Model FDD-SB is UL Classified for installation in walls, floors, and partitions with a fire rating of less than 3 hours. This damper may be installed vertically or horizontally in dynamic HVAC systems that continue to run in the event of fire. Also approved for static systems (See optional 3 hr rating)

Standard Construction
Frame: 12" Roll formed Frame - Galvanized Steel - Integral Sleeve
Blades: Low Profile Roll Formed - Galvanized Steel
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)

Model FDD-SB 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 and 3 Hour - File #R25410
ULC S112
NFPA - 90A, 80

Options:

- Retaining Angles
  - One Side
  - Both Sides

- 3 Hour Rating

- Mounting:
  - Horizontal
  - Vertical

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

Standard Sizes (duct) 1-1/2 Hour & 3 Hour

<table>
<thead>
<tr>
<th>Min. V or H</th>
<th>*Max. Vertical Size</th>
<th>*Max. Horizontal Size</th>
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<tbody>
<tr>
<td>6&quot; X 4&quot;</td>
<td>72&quot;W X 32&quot;H</td>
<td>36&quot;W X 32&quot;H</td>
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<tr>
<td>152mm X 101mm</td>
<td>1829mm X 813mm</td>
<td>914mm X 813mm</td>
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* May consist of multi-sections

- See Chart for overall sizes

Options:

- Retaining Angles
  - One Side
  - Both Sides

- 3 Hour Rating

- Mounting:
  - Horizontal
  - Vertical

Job Name: 
Location: 
Architect: 
Engineer: 
Contractor: 

DRAWN BY: MAB 
DATE: 10-23-07 
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DWG. NO.: A-5