Counter-Shutter Fire Door

NOTE: Redi-Reset Hand Chain Only.

COIL SIDE ELEVATION

VERTICAL SECTION A - A

SLAT OPTIONS

GUIDE SECTION B - B

CURTAIN DETAIL

Notes:
1. See page 2 for more options,
2. All metric conversions of dimensions are shown in brackets [ ].
Counter-Shutter Fire Door

AUTO FIRE SHUT®
COUNTER-SHUTTER FIRE DOOR

Hand Chain Operated
Between Jamb Mounted

Page#: Page 2

BOTTOM BAR OPTIONS

HOOD SHAPES AVAILABLE FOR THIS DOOR

GUIDE DETAIL

TUBE MOUNTING FOR FIRE DOORS TO ALLOW FOR HEAT EXPANSION

EXISTING CEILING

1/8" PT OF HEIGHT FOR EXPANSION

INNER STEEL SLEEVE MAX 1/8" TOTAL CLEARANCE BETWEEN INNER SLEEVE AND OUTER STEEL TUBE

FM REQUIRES INTERMEDIATE SUPPORTS, NOT MORE THAN 8'-0" APART.

OUTER STEEL TUBE

BASE PLATE

EXISTING FLOOR

Distributed By:
Call your Alpine representative for additional options and safety products to help find the best Alpine door to suit your needs.

Manufactured by:
Alpine®
OVERHEAD DOORS, INC.
8 HULSE ROAD EAST SETAUKET, N.Y. 11733
TEL: (631)473-9300 FAX: (631)642-0800
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Finding the minimum required operation for the size door you need.

**Height of Shutter**

<table>
<thead>
<tr>
<th>0</th>
<th>6'-0''</th>
<th>12'-0''</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>6'</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>12</td>
<td>12</td>
<td>18</td>
</tr>
</tbody>
</table>

**Operator Legend**

- **Hand Chain Operation**
- **Motor Operation Only**

To use Chart: Find where your door width and height meet to find the minimum operation that may be used for that door size. For example: The blue line indicates a Hand Chain Operation. Any size door on that line or above that line may use a Hand Chain, including the door sizes that fall into the Manual push up door. But, The Manual push up door may not be used for any door size below the line representing Push up operation. For any door size larger than what is represented here please consult your Alpine Overhead Doors, Inc. Factory. This Graph is for reference only, subject to change without notice.

Finding the minimum required bracket size for the door you need.

**Height of Shutter**

<table>
<thead>
<tr>
<th>0</th>
<th>6'-0''</th>
<th>10'-0''</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>6'</td>
<td>6</td>
<td>10</td>
</tr>
</tbody>
</table>

**NOTE:** Bracket sizes may vary based on gauge of curtain. Bracket size is directly related to the pipe low moment arm deflection (not more than .03 inches per foot).

To use Chart: Find where your door width and height meet to find the minimum bracket size for your door. For any door size larger than what is represented here please consult your Alpine Overhead Doors, Inc. Factory. This Graph is for reference only, subject to change without notice.
Finding the minimum required operation for the size door you need.

**Operator Legend**

- Hand Chain Operation
- Motor Operation Only

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