Counter-Shutter Fire Door

Motated Operated
Face of Wall mounted

LG - Left Guide
RG - Right Guide
B - Bracket
GW - Guide Width
GD - Guide Depth

Fusible Link

Adjusting Wheel & Drop Mechanism

Max. 10" o/c

Max. 12" o/c

COIL SIDE ELEVATION

VERTICAL SECTION A - A

FACE MOUNTED TO MASONRY

Wall opening width

2" [50.8]

1/2" [12.7]

GW

COW

OGW

FACE MOUNTED TO STEEL

Wall opening width

2" [50.8]

1/2" [12.7]

GW

COW

OGW

SLAT OPTIONS

CURTAIN DETAIL

Notes:
1. See page 2 for more options.
2. All metric conversions of dimensions are shown in brackets [ ].

SALES REP:

CUSTOMER:

JOB NAME:

NUMBER:

Manufactured by:

Alpine OVERHEAD DOORS, INC.
8 HULSE ROAD EAST SETAUKEI, N.Y. 11733
TEL: (631)473-9300 FAX: (631)442-0800
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### Bottom Bar Options
- Roll-formed, Double Angle
- Tubular Bar (Lazer Cut) Doors up to 8' wide

### Hood Shapes Available for This Door
- 2" (50.8)
- 0' to 3-11" doors
- 2-1/2" (63.5)
- 4' to 8 doors
- 3" (76.2)
- 8' to 12 doors

### Obstacle Edges Available

### Guide Detail

**Tube Mounting for Fire Doors to Allow for Heat Expansion**

- **Existing Wall Construction Varies**
- **Steel Crush Plate**
- **Fastener per Mfr Spec Min. 2 Req'd/Assy @ 6" O.C.**
- **Top-of-Tube Assembly**
- **Inner Steel Sleeve Max 1/8" Total Clearance Between Inner Sleeve and Outer Steel Tube**
- **1/8"/FT of Height for Expansion**
- **Steel Spacer Plate 6" Min.**
- **1/8"/FT of Height for Expansion**
- **FM Requires Intermediate Supports, Not More Than 8'-0" Apart.**
- **Outer Steel Tube**
- **Existing Floor Base Plate**
- **Existing Floor**

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Distributed By:

Call your Alpine representative for additional options and safety products to help find the best Alpine door to suit your needs.
Finding the minimum required operation for the size door you need.

Height of Shutter

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

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**
- Manual Push Up Operation
- Hand Crank 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 Crank Operation. Any size door on that line or above that line may use a Hand Crank, 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.

**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.