Counter-Shutter Fire Door

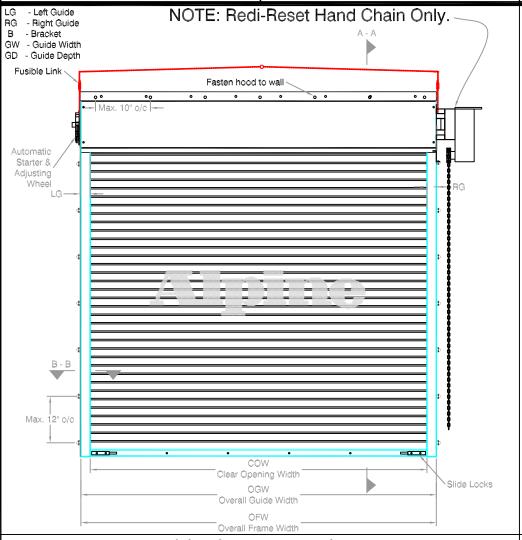


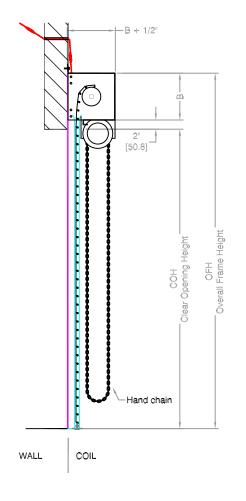




Hand Chain Operated Face of Wall Mounted

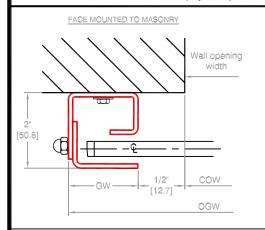
Page#: Page 1

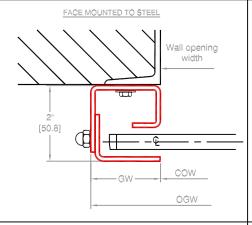


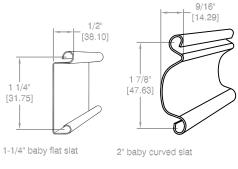


COIL SIDE ELEVATION

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 [].

SALES REP:
CUSTOMER:

JOB NAME:

NUMBER:



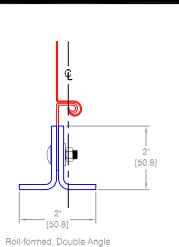
© COPYRIGHT MAY 2007

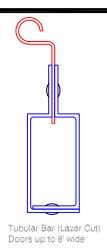
Counter-Shutter Fire Door

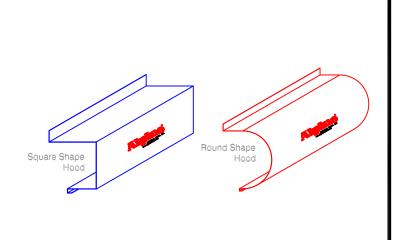


Hand Chain Operated Face of Wall Mounted

Page#: Page 2

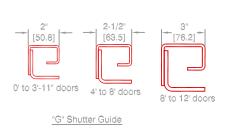






BOTTOM BAR OPTIONS

HOOD SHAPES AVAILABLE FOR THIS DOOR



GUIDE DETAIL

TUBE MOUNTING FOR FIRE DOORS TO ALLOW FOR HEAT EXPANSION STEEL EXISTING WALL SPACER PLATE STEEL CONSTRUCTION VARIES CRUSH MIN-PLATE-FASTENER PER MFR SPEC MIN 2 REQ'D/ASSY © 6"O.C.——— STEEL CRUSH PLATE TOP-OF-TUBE ASSEMBLY 1/8"/FT OF HEIGHT 1/8"/FT OF HÉIGHT INNER STEEL SLEEVE FOR EXPANSION FOR MAX 1/8" TOTAL CLEARANCE BETWEEN EXPANSION INNER SLEEVE AND OUTER STEEL TUBE FM REQUIRES INTERMEDIATE OUTER STEEL SUPPORTS, NOT TUBE MORE THAN 8'-0" APART. BASE PLATE EXISTING FLOOR 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.



1 1/4" Baby Flat Slat

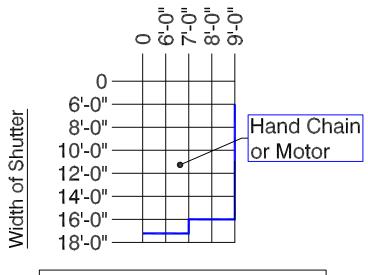
NOTE: MAXIMUM PIPE DEFLECTION ON ANY SIZE DOOR IS .034

FIRE SHUT
COUNTER-SHUTTER FIRE DOOR

Page#:	Page 3	

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

Height of Shutter



FOR LARGER SIZES CONSULT FACTORY.

Operator Legend

Hand Chain Operation

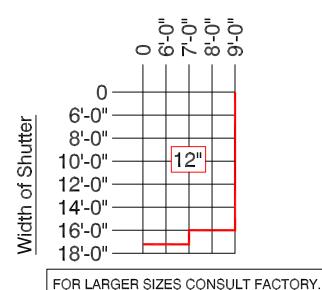
Motor Operation Only

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.

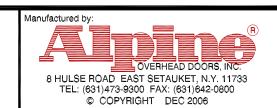
Height of Shutter



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.

Distributed By:

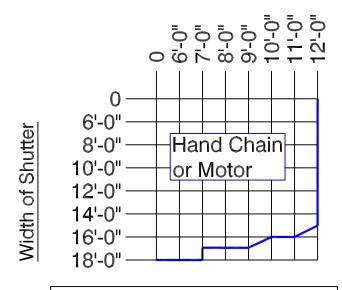


NOTE: MAXIMUM PIPE **DEFLECTION ON ANY SIZE DOOR IS .034**

Page#: Page 3

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

Height of Shutter



FOR LARGER SIZES CONSULT FACTORY.

Operator Legend

Hand Chain Operation

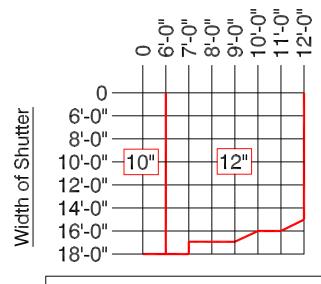
Motor Operation Only

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



FOR LARGER SIZES CONSULT FACTORY.

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.

Distributed By:

