Mall & Storefront Security Doors

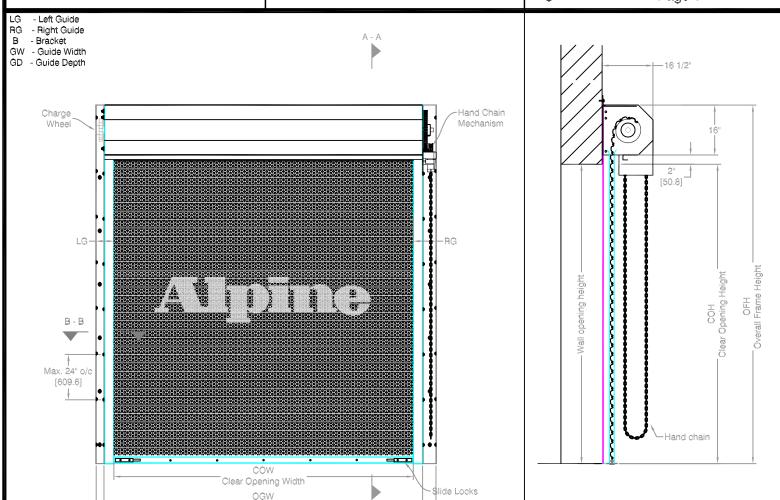






Hand Chain Operated Face of Wall Mounted

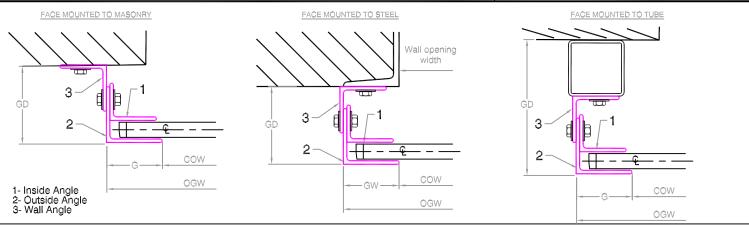
Page#: Page 1



Overall Frame Width COIL SIDE ELEVATION

Overall Guide Width
OFW

VERTICAL SECTION A - A



GUIDE SECTION B - B

Notes:

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

SALES REP:

CUSTOMER:

JOB NAME:

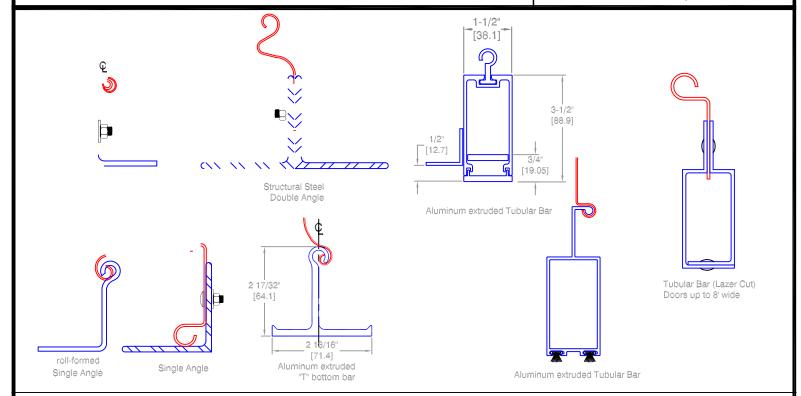
NUMBER:



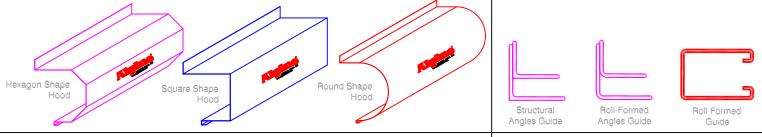


Hand Chain Operated Face of Wall Mounted

Page#: Page 2

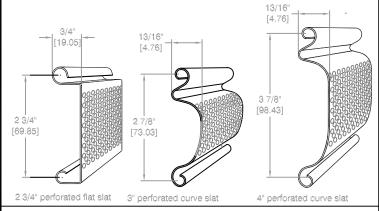


BOTTOM BAR DETAIL



HOOD SHAPES AVAILABLE FOR THIS DOOR

GUIDE OPTIONS





SLAT OPTIONS

OBSTACLE EDGES AVAILABLE

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Call your Alpine representative for additional options and safty products to help find the best. Alpine door to suit your needs.



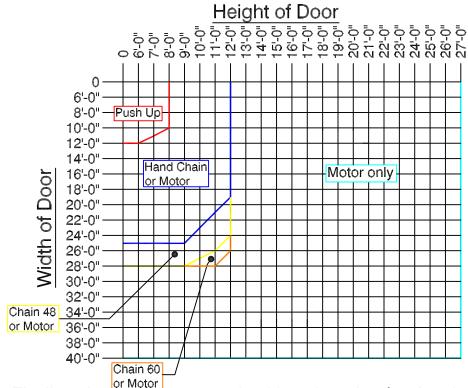
2 3/4" Perforated Flat Slat

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

Steel // Slope

Page#: Page 3

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



Operator Legend

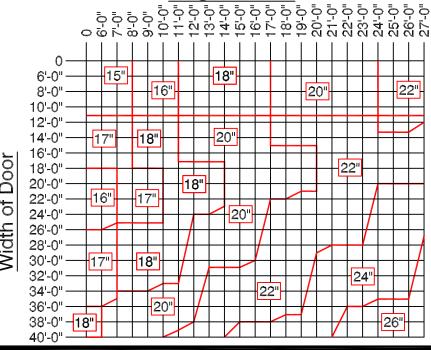
Manual Push Up Operation
Hand Chain Operation
Hand Chain w/ Gear reduced 48
Hand Chain w/ Gear reduced 60
Motor Operation Only

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.

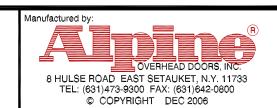
Height of Door



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.

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3" Perforated Curved Slat

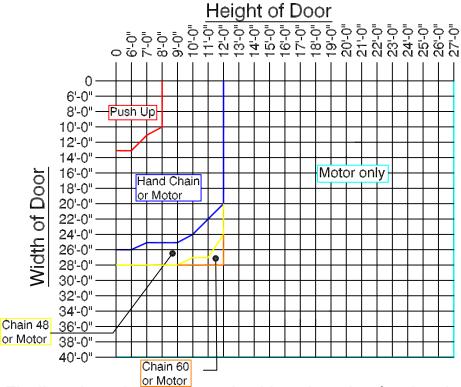
NOTE: MAXIMUM PIPE **DEFLECTION ON ANY SIZE**

DOOR IS .034



Page#: Page 3

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



Operator Legend

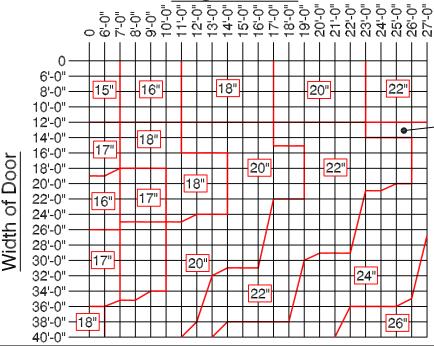
Manual Push Up Operation Hand Chain Operation Hand Chain w/ Gear reduced 48 Hand Chain w/ Gear reduced 60 Motor Operation Only

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.



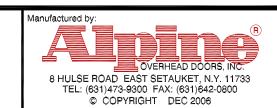


NOTE: Bracket sizes may vary based on gauge of curtain. Bracket size is directly related to the pipe low moment arm deflection (not more than .03 inches per foot).

24"

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.

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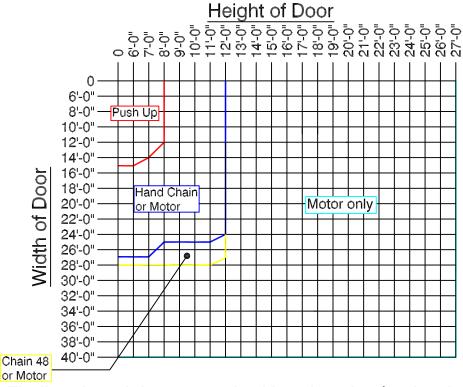


4" Perforated Curved Slat

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

Page#: Page 3

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



Operator Legend

Manual Push Up Operation Hand Chain Operation Hand Chain w/ Gear reduced 48 Hand Chain w/ Gear reduced 60

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 Door

0 6'-0" 14" 15" 8'-0" 10'-0" 12'-0" 14'-0" 17" 16" 16'-0" Door 18'-0" 18" 20" 20'-0" 22'-0" -14" 16" 17" 24'-0" 26'-0" 18" 28'-0" 30'-0" -17" 32'-0" - 16" 22" 34'-0" 20" 36'-0" 38'-0" 18" 24" 40'-0"

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.

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