# **Counter-Shutter**

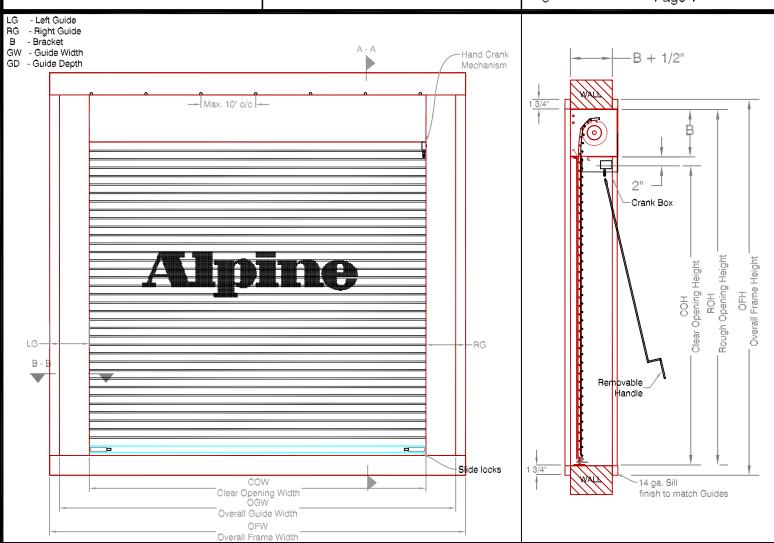






Hand Crank Operated Between Jamb Mounted

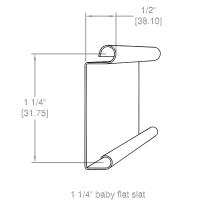
Page#: Page 1



### **COIL SIDE ELEVATION**

# COW Clear Opening Width ROW Rough Opening Width TUBE OFW (Overall Frame Width)

# VERTICAL SECTION A - A



### **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:



8 HULSE ROAD EAST SETAUKET, N.Y. 11733 TEL: (631)473-9300 FAX: (631)642-0800 © COPYRIGHT MAY 2007

# **Counter-Shutter**

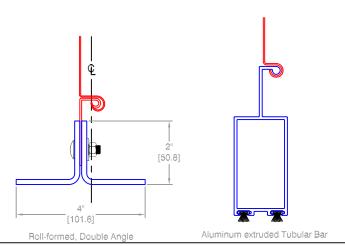
INTEGRAL FRAME

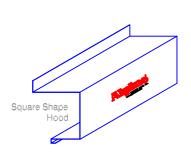
SPIT-FRAME
FRAMED ROLLING COUNTER SHUTTERS

Hand Crank Operated Between Jamb Mounted

Page#:

Page 2





**BOTTOM BAR OPTIONS** 

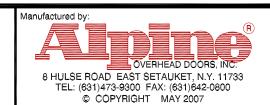
**HOOD SHAPE** 



**OBSTACLE EDGES AVAILABLE** 

Distributed By:

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



# 1 1/4" Baby Flat Slat

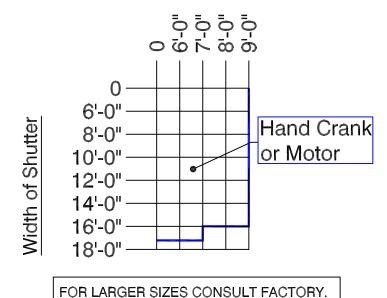
NOTE: MAXIMUM PIPE DEFLECTION ON ANY SIZE DOOR IS .034 INTEGRAL FRAME

SPIT-FRAME
FRAMED ROLLING COUNTER SHUTTERS

Page#: Page 3

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

# Height of Shutter



### Operator Legend

Hand Crank Operation

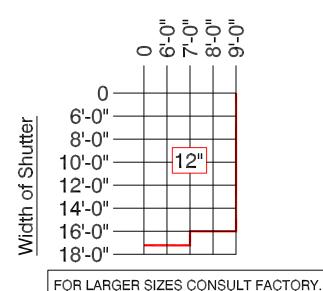
Motor Operation Only

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.

## 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.

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