SMOKE FIRE TITE DOOR

BOTTOM BAR DETAIL

GUIDE OPTIONS

HOOD SHAPES AVAILABLE FOR THIS DOOR

FASTENER DETAIL

TUBE MOUNTING FOR FIRE DOORS TO ALLOW FOR HEAT EXPANSION

EXISTING WALL CONSTRUCTION VARIES

STEEL CRUSH PLATE

FASTENER PER MFR SPEC MIN 2 REQD/ASSY

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

STEEL CRUSH PLATE

1/8"/FT OF HEIGHT FOR EXPANSION

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

OUTER STEEL TUBE

BASE PLATE

EXISTING FLOOR

EXISTING FLOOR

For FM approval, door must have flame baffle installed.

Flame Baffle mounted to underside of hood will drop down to contain flames, in the event of a fire.

FLAME BAFFLE DETAIL

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.

Operator Legend
- Manual Push Up Operation
- 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.

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.