

### APPLICATION AND USE

ISO 9001 Registered Company

Rolling Storm 9" Grilles as manufactured by Alpine Overhead Doors, Inc. These doors offer security and protection as well as the ability to visually observe what is behind the door when it is fully closed. Ideal for Storefronts, Office Windows, Loading Docks, Hurricane Protection, Malls, Display Cases and Shopping Centers. Alpine Grille Doors are also used to protect glass window openings and service window openings.

### THE ALPINE ADVANTAGE AND BENEFIT

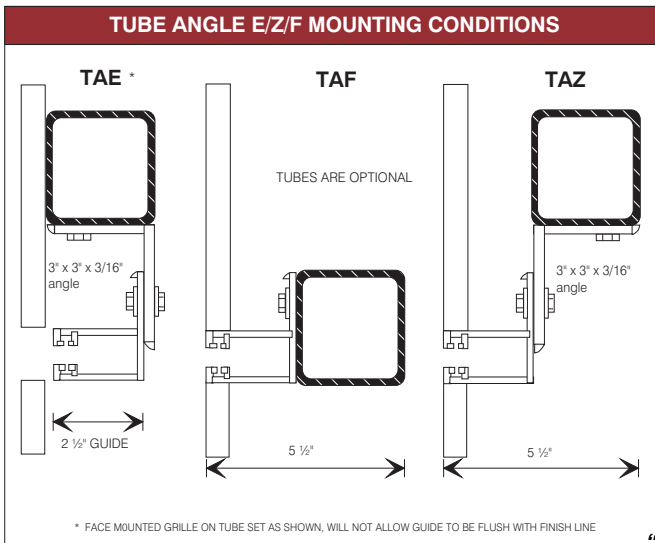
Alpine Grille Doors are very durable and require very low maintenance for many years of continued operational use. No matter how large or small the job or how unusual the application, Alpine has a service door that meets your individual specifications. Doors are available in different materials including galvanized, prime painted, stainless steel, and aluminum. Alpine's quality and workmanship are proven throughout the door industry. Our hands-on approach to every job ensures customer satisfaction.

### INSTALLATION

Opening preparation, miscellaneous or structural metal work, access doors, finish or field painting, field electrical wiring, wire, conduit, fuses and disconnect switches are in the Scope of Work of other divisions or trades.

### FUNCTIONAL BENEFITS

Alpine Security Grille Doors are designed for easy operation and are trouble free with minimal maintenance. The Alpine Grille offers security and protection as well as the ability to visually observe what is behind the door when fully closed.



### OTHER RELATED PRODUCTS





### DOOR CONSTRUCTION

#### CURTAIN

Curtain construction will consist of Alpine's Straight Lattice 9" Pattern, with all exposed material to be aluminum. The continuous horizontal rods, spaced 2" o.c., are covered with tubular spacers that are 5/16" solid. Continuous end links are designed to prevent the curtain from leaving the side of the guide rails. The bottom of the grille is provided with an extruded aluminum "T" bottom bar.

#### BRACKET

Steel plate not less than 1/4" thick with ball bearings at rotating support points. The plate supports the counterbalance assembly and forms an end enclosure.

#### GUIDES

Guides are designed using roll formed angles with a minimum thickness of 3/16", expansion slotted connections, and removable bellmount curtain stops to allow for curtain maintenance without removal of the guides. Bellmount stops shall be flush with the guide groove.

#### COUNTERBALANCE ASSEMBLY

Adjustable helical torsion springs encased in a pipe barrel or a steel tube. Life cycles available in 7.5M, 10M, 15M, 17.5M thru 400M.

#### WINDLOCKS

Ductile cast iron, hot-dipped, galvanized windlocks are riveted to each end of each slat with 1/4" rivets which prevents the curtain from leaving the guide rails.

#### OPERATION

Push-up, hand chain, hand-crank, or motor operation available. For optional features see the motor operators section in this catalog. *Please See Alpine's Motor Operator Page ([www.alpinedoors.com/motoroperators.htm](http://www.alpinedoors.com/motoroperators.htm))*

**ACCESS CONTROLS:** Optional control stations are available as Push Button Control Station or Key Control Stations. Special Control Stations are also available, please consult factory. *Please See Alpine's Access Controls Page ([www.alpinedoors.com/accesscontrols.htm](http://www.alpinedoors.com/accesscontrols.htm))*

#### HOOD GALVANIZED (OPTION: Square, Hexagon or Round)

Made from #22 ga. steel formed to fit the contour of the brackets. 3/8" thick intermediate supports are provided to prevent excessive sag. Finish Options: phosphate, baked enamel or powder coated.

#### LOCKING

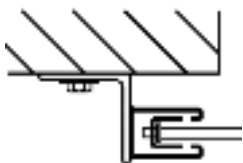
Provide padlockable slide locks for latching and locking the door on the coil side of the bottom bar. Electric Interlocks recommended with motorized doors.

#### FINISH

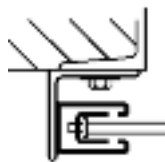
Slats are prepared with a minimum galvanizing of G-60 (interior) and G-90 (exterior). The hoods are galvanized and other exposed ferrous surfaces are prime painted. (Finish Options: phosphate, baked enamel or powder coated.)

**Exo-Shield™:** The Powder Coat Finish is available for all of Alpine's Products and are available in over 188 standard colors with the option for custom colors and environmental requirements. *Please See Alpine's Color Selection Page ([www.alpinedoors.com/colors\\_standard.htm](http://www.alpinedoors.com/colors_standard.htm))*

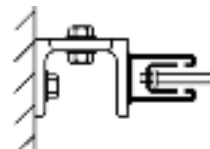
#### GUIDE INSTALLATION



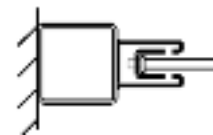
Face of Wall to Concrete



Face of Wall to Steel



Between Jamb Packout



Between Jamb Tube Mounted