

ROLLING GRILLE DOOR



### APPLICATION AND USE

ISO 9001 Registered Company

Rolling Mall Dawn Grille doors are manufactured by Alpine Overhead Doors, Inc. The Mall Dawn is ideal for use in Malls where vendors can advertise their products when the store is closed while consumers can visually see their products on display. Also used for store fronts, display cases, and ventilation areas. 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.

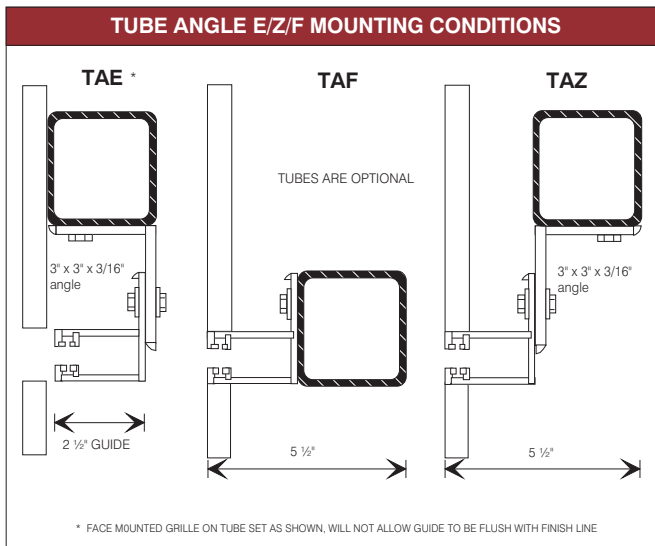
### FUNCTIONAL BENEFITS

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.

### 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.

### OTHER RELATED PRODUCTS





### DOOR CONSTRUCTION

#### CURTAIN/GRILLE ASSEMBLY

Curtain construction consists of Alpine's 9" Straight 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 PLATES

Steel plate not less than 1/4" thick. Drive end bracket plate is fitted with a sealed ball bearing. Bracket Plates support the counterbalance assembly and form an end enclosure.

#### GUIDES

Guides are made of extruded aluminum sections with wood pile runners. Provided with removable bellmouth curtain stops to allow for curtain maintenance without removal of the guides. Bellmouth stops shall be flush with the guide groove.

#### COUNTERBALANCE ASSEMBLY: TORSION SPRING

Are housed in a steel pipe of a diameter and a wall thickness that will restrict maximum deflection to 0.03" per foot of door width. Springs are a helical torsion type designed to include an overload factor of 25% for optimum ease of operation. The springs are grease packed and mounted on a cold rolled steel inner shaft. Spring tension is adjustable from the outside of the end bracket plate. Sealed ball bearings are present to minimize wear on the pipe shaft as it rotates around the inner shaft.

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

Made from #24 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)

#### OPERATION

Choice of push-up, lift handles on the bottom bar, removable awning type crank, or motor operation. *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))*

#### LOCKING

Optional cylinder locks. Also available with padlockable slide locks for latching and locking the door on the coil side of the bottom bar.

#### FINISH

Steel surfaces are powder coated. Optional aluminum, mill finish, in clear anodized, bronze or black. Also available in Stainless Steel as per ASTM-A240, mill finish #2B, or satin finish #4. **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))*