

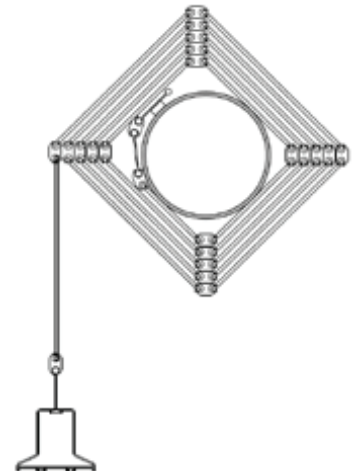


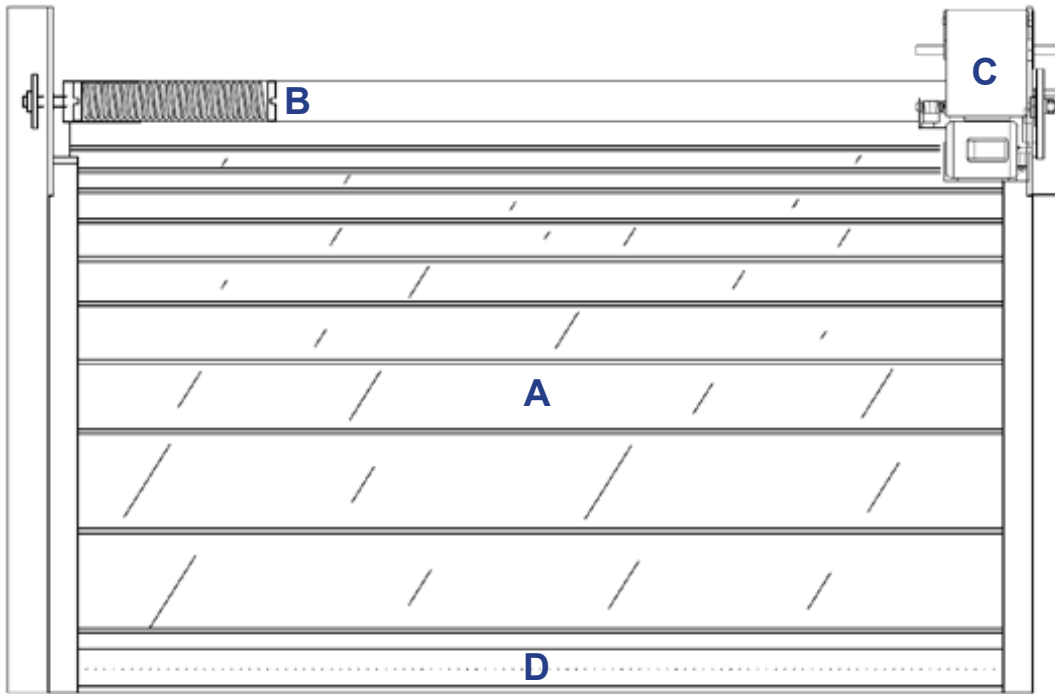
AMPLEX SERIES

The Amplex rolling closure is an exciting new architectural product that delivers enhanced security and visibility in a sophisticated, architecturally pleasing format. High quality 6063 alloy aluminum extrusions frame tough, clear 4.5 millimeter thick Polycarbonate panels of graduated heights to create this attractive roll-up system. The Amplex rolling door has been designed and tested for interior applications.

Amplex retracts into a unique block coiling that protects each Polycarbonate panel from marring and scratching from adjacent shutter components bearing on their surfaces. The block nature of the coiled curtain simplifies installation of each Amplex and the relatively lighter overall weight of Polycarbonate over conventional metal grilles and shutters eases the site handling of each unit.

Springing calculations account for the unique block wrap so that the Amplex Rolling Grille balances effectively through operation. Precision spring calculations allows the Amplex Rolling Grille to be manually operated in case of an emergency or power failure.





DIMENSIONS

Max. Width = 24'-0"	7,315 mm
Min. Width = 3'-0"	914 mm
Max. Height = 14'-0"	4,267 mm
Min. Height = 3'-0"	914 mm

BRACKET PLATES

Constructed of 3/16" (4.75 mm) thick steel plate, prime painted gray.

FINISH

AA - Clear Anodized Aluminum
CC - Customer Colour RAL or Colour Match

OPERATION CYCLES

Standard 30,000 cycles

FEATURED DETAILS

A CURTAIN

The Polycarbonate inserts are graduated in height, increasing towards the bottom of the shutter, rendering a stunning effect of enhanced height and space. Strong but narrow aluminum vertical members are less frequent than in standard shutters and are therefore less obtrusive to the viewing of interior spaces. Amplex aluminum components are supplied with a standard rich, natural anodized finish. Custom Powder Coating and Thermosetting Acrylic finishes are also available as options.

B BARREL / PIPE

Amplex are supplied coiled on 6 inch diameter steel barrels that are counterbalanced with tuned torsion springs to assist the operation of each custom closure. 6" steel pipe encloses oil tempered helical torsion springs calculated to counterbalance weight of curtain and assist with operation. Adjustments made with outside tension wheel.

C OPERATION

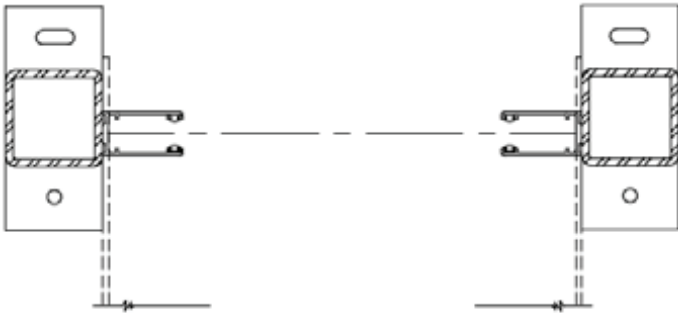
The Amplex may be motorized, operated by manual crank or configured for manual push up/pull down operation. Method of operation is based on the opening width and height.

D LOCKING

Standard Non-locking Bottom Bar. Optional Two-point mortise cylinder-controlled locking bottom bar. Cylinder required Adams Rite Cam.

INSTALLATION & MOUNTING DETAILS

Mounting and installation is the same as a rolling grille, rolling shutter, or rolling steel service door. Shop drawings are provided for each job to be reviewed and signed off on before releasing the order for production. The Amplex Rolling Grille is engineered and designed for interior applications.



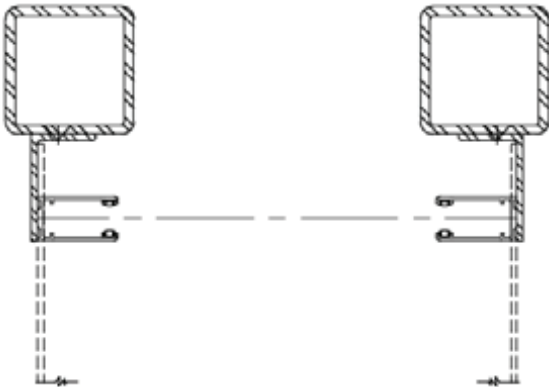
BETWEEN JAMB

Guides are mounted in between HSS tubes.



FACE OF WALL Z-style

Guides are mounted face of wall to masonry, HSS tube, drywall with wood, and drywall with heavy gauge steel stud depending on the size of the opening. Prime painted steel mounting angles come standard and aluminum mounting angles are optional. Angles come in various sizes demended on the required pack-off.



FACE OF WALL E-style

Same descripton as Face of Wall Z-style guides but, the steel mounting angles are turned inward towards the clear opening.