



5000 SERIES ROLLING GRILLES



Practical Design Applications

- Mall Storefronts
- Behind Storefront Glass
- School Corridors
- Service Window Openings
- Healthcare
- Airports / Transportation
- Hospitality / Public Space
- Parking Garage Vehicular Access Control

Benefits

- **Tailored to Opening** - Each rolling grille is built to exact opening size and application requirements to ensure reliable operation.
- **Compact Storage** - Curtain stores in an overhead coil that is totally supported by extensions of the side guides. Optional mounting tubes available.
- **Durable Design & Minimal Maintenance** - Little to no maintenance is required due to the commercial duty design. Job records are retained and parts are readily available if repairs are ever required.

Additional Options

- Hoods and fascias
- End, center, cyclinder or auto-locking options
- Bottom bar sensing edge for motorized units
- Protection panels
- Operator covers for exposed or exterior units
- Emergency manual release system
- Motor mounted interlock device

Straight Pattern

Open air design allows free circulation of air and full visual access of the area being protected. Curtain constructed of 5/16" diameter solid aluminum rods of alloy 5056 H32 (stainless or galvanized optional) at 2" on center supported by vertical chains formed of eyeleted aluminum (stainless optional) spaced at 9" apart. For added security, the chains may be specified to be spaced at 6" or

Brick Pattern

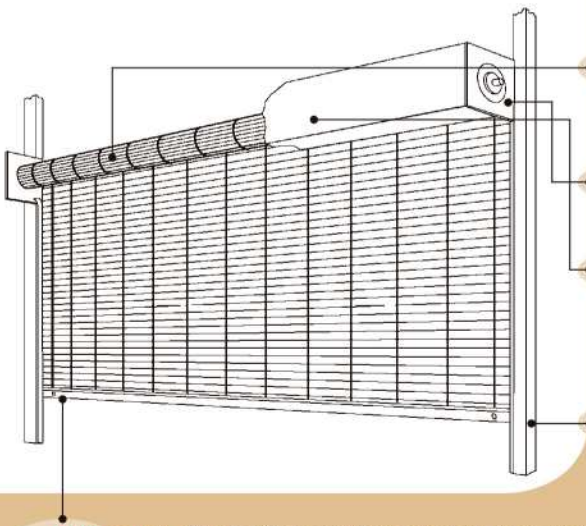
Alternative open air design in a Brick Pattern configuration that provides superior durability for high cycle applications. Curtain constructed of horizontal 5/16" diameter solid aluminum rods of alloy 5056 H32 at 2" centers. Rods supported by heavy duty aluminum links, held in a staggered position by tube spacers throughout the entire curtain assembly. Can also be used in any





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Counter-Balance Shaft - 4-1/2" minimum diameter outer shaft and 1-1/4" minimum inner shaft. This assembly supports the curtain and contains counter-balance torsion springs for assisting operation.

Brackets - Minimum 3/16" steel plates bolt to guide supporting member and support counter balance shaft and curtain.

Optional Hood & Fascia - (not normally provided when unit is concealed above a ceiling). Protective enclosure for the curtain available in steel Gray ColorCote™, aluminum mill, clear and color anodized or 300 series stainless steel #4 finish.

Guides - Extruded aluminum sections equipped with polypropylene pile runners and mounting member to support the entire weight of the unit.

Bottom Bar - 2" x 3 1/2" heavy duty extruded aluminum tubular section that houses optional locking mechanisms. For widths greater than 27'-4", the bottom bar is reinforced with 3" x 2" x 3/16" aluminum angle(s).

Self-Supporting Installation Option - Many grille installations utilize structural steel tubes for support, which allows for installation prior to the walls and ceiling being built. The tubes are factory prepared for the attachment of all grille components. Tubes are attached to the floor slab below and the joists above, thereby becoming self-supporting.

Choice of Operation

Push-up
Crank
Chain
Motor

Choice of Finishes

Mill Finish Aluminum
Clear Anodized Aluminum
Bronze or Color Anodized Aluminum
Galvanized Steel
Stainless Steel

Choice of Grille Pattern

Straight Pattern
Brick Pattern



TYPICAL DETAILS

