

CORNELL

EZ-Lift Grille

The EZ-Lift Design Increases the Manual Push-Up Size Range

- Until now, push-up operation on an aluminum VisionAire™ grille was limited to 16'-4" wide by 10'-4" high.
- Now, with the EZ-Lift design, you can get push-up operation on a 22'-4" wide by 10'-4" high grille.

Practical Design Applications

- Mall Storefronts - provide security, visibility and airflow on large storefront openings.
- Behind Storefront Glass - add security to your store when closed.
- Schools & Public Buildings - control traffic flow by closing off corridors and unused spaces.
- Service Window Openings - allow merchandise to remain visible, yet protected.
- Public Transportation Facilities - use for many traffic control applications and to close off unused space.

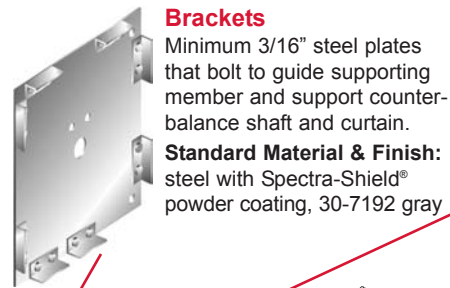
Benefits

- Big savings in initial cost and long term maintenance
- Less expensive than a motor or crank operated unit
- Eliminates the need and cost of field wiring
- Lower freight costs with elimination of the motor operator
- Quicker installation, reduced service calls and less maintenance



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EZ-Lift Grille Components



Brackets

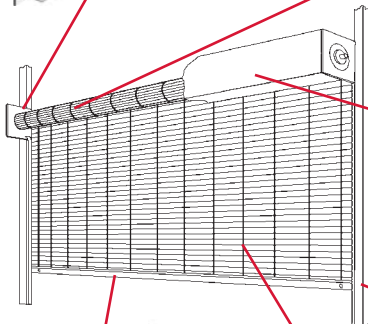
Minimum 3/16" steel plates that bolt to guide supporting member and support counterbalance shaft and curtain.

Standard Material & Finish: steel with Spectra-Shield® powder coating, 30-7192 gray

Counterbalance Shaft

4-1/2" diameter outer shaft and 1-1/4" inner shaft. This assembly supports the curtain and contains counterbalance torsion springs for assisting operation.

Standard Material: steel



Optional Hood & Fascia

(not normally provided when unit is concealed above a ceiling)
Protective sheet metal enclosure for the curtain.

Standard Material & Finishes: steel with exclusive GalvaNex finish in light gray, aluminum in mill, clear and colored anodized or 300 series stainless steel with a #4 finish

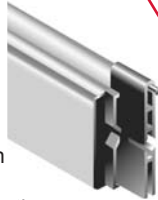


Bottom Bar

2" x 3 1/2" heavy duty extruded aluminum tubular section that houses optional lock options.

Standard Material & Finish: mill finish aluminum

Optional Material: stainless steel angles



Curtain

A series of horizontal rods and vertical chains OR rods with glazed polycarbonate panels between molded nylon links.

Standard Material & Finish: mill finish aluminum

Optional Materials: stainless or galvanized steel

Guides

Extruded aluminum sections equipped with polypropylene pile runners and mounting member. Supports the entire weight of the grille.

Standard Material & Finish: mill finish aluminum

Optional Finishes: clear and color anodized



Operation

Manual push-up operation for oversized grilles. Grilles operate by rotating the shaft gear end. The opposite end of the shaft applies spring tension and is equipped with a spring adjusting wheel.

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 structure above, thereby becoming self-supporting.

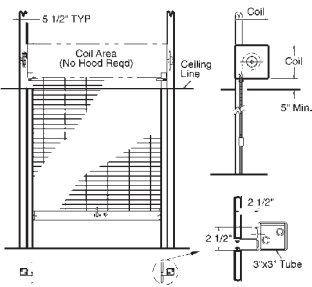
Available Options

- VisionAire® curtain with 9", 6" or 3" vertical chain link spacing
- VisionAire® curtain with 2" or 1 1/2" horizontal rod spacing
- VistaGard™ glazed panel curtain
- Coil hood and fascia enclosures
- Slide bolt locking
- Cylinder locking
- Cylinder lock with interior thumb turn for emergency egress (includes curtain protection panel)

Mounting & Clearances

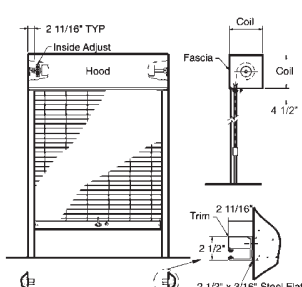
Opening Height	Coil Size*
thru 3'-3"	17"
over 3'-3" thru 5'-8"	18"
over 5'-8" thru 8'-2"	19"
over 8'-2" thru 10'-4"	20"

*Applies to EZ-Lift Grilles ONLY



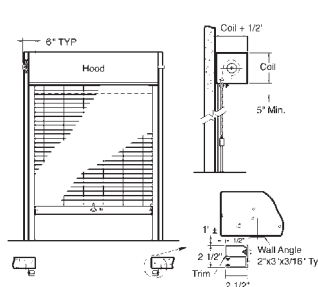
Between Jambs Self-Supporting

Mounts to structural tubes that are attached to the floor slab and braced to the structure above.



Between Jambs Conventional

Mounts within the opening, fascia (front hood closure piece) required.



Face of Wall

Maintains clearance of full opening, minimal exposed components.

Optional Finishes

- Aluminum with clear or color anodized finishes on individual or all components
- Stainless steel curtain and hood, 300 series #4 finish
- Hot-dip galvanized steel curtain rods
- Powder coat finish is available on perimeter components in selected color (not available on curtains)

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