

HIGH PERFORMANCE LINE

EXTREME® MICROCOIL® GRILLE

Models EPG324C & EPG324CB



COMPACT GRILLE WITH PATENTED INTELLIGENT OPERATION

MAXIMIZE SPACE

The Extreme® High Performance MicroCoil® Grille - 500K Cycles features a compact coil that maximizes your opening. This smaller coil means that you need less headroom – almost 50% less than other high-cycle grilles on the market. .

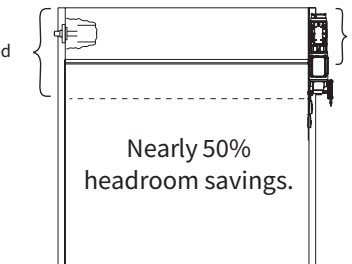
SMOOTH HIGH-SPEED OPERATION

A variable frequency drive results in a soft start and stop, reducing wear and tear on the grille and operator. The Extreme MicroCoil Grille quietly operates at speeds of up to 24 inches per second. Plus, the operator's direct drive design eliminates the sprocket and chain, reducing maintenance. With flexibility in mind, the 300 series grille is compatible with a 120V service (requires a transformer, provided with an upgrade).

ENGINEERED FOR LONGEVITY

Thanks to a maintenance-free springless design, the Extreme MicroCoil Grille delivers maximum uptime and requires no replacement parts for up to 500K cycles. It integrates with all activation systems and is backed by a 2-year operator warranty and a 2-year/500,000 cycle component warranty.

Standard rolling grille = 24" required headroom.



MicroCoil = 13" required headroom.

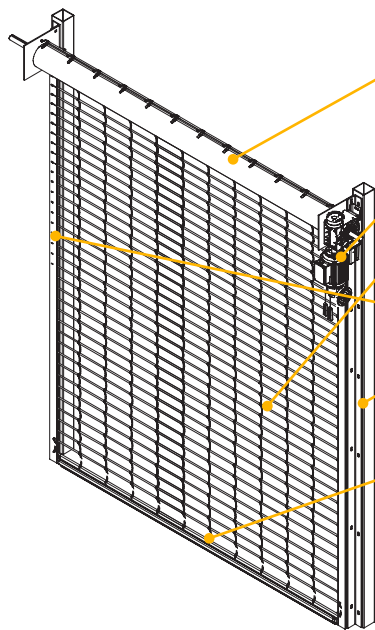
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CORNELL
Innovative door solutions.™

EXTREME SERIES

STANDARD COMPONENT MATERIALS AND FINISHES



SPRINGLESS SHAFT - Steel pipe. Design reduces maintenance requirements and facilitate cycle capacity.

MOTOR - Compact, direct-drive operator with no roller chains or sprockets.

CURTAIN - Self-stacking/nesting links in mill finish aluminum, $\frac{5}{16}$ " aluminum rods in mill finish spaced 2.8"-3.9". Aluminum tube spacers on every rod. Links are always made of 304 stainless steel and can be replaced individually or in sections if the grille gets damaged. Grilles are available for opening sizes up to 26' wide x 14' high in aluminum.

GUIDES - Extruded aluminum in Mill finish with self-lubricating anti-wear strips to greatly reduce friction and curtain wear. Includes a fully replaceable UHMW bellmouth.

BOTTOM BAR - Compact extruded aluminum.

UNIQUE FEATURES

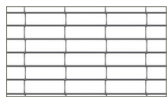
INTELLIGENT COMMUNICATION - The Apex Pro SmartController™ (NEMA 4X) features plug-and-play connections to operator and standard sensors to reduce installation time. Its LCD screen provides step-by-step instructions for door commissioning, electronic limit setting, and status/error messaging in a compact control panel. It is also set up to easily accept virtually all activation and safety issues.

MONITORED PROTECTION, EVEN AT HIGH SPEEDS - UL 325-2010 (NEMA 4X) compliant photo eye sensors allow for momentary contact operation - useful in parking garages and other high-use openings. Interruption of the photo eye beam before the door fully closes causes the door to immediately halt downward travel and reverse direction to return to the fully open position.

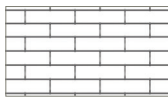
SAFETYGARD LIGHT CURTAIN TECHNOLOGY - The 6' tall light curtain is installed within the guide and blends into the guide construction with trim. If the grille is cycling and an object passes through the curtain beams, the door will immediately halt downward travel and reverse direction to return to the open position.

A CHOICE OF CURTAIN PATTERNS

Two different curtain designs provide both visibility and ventilation.



Straight



Brick

OPERATION AND STRUCTURAL REQUIREMENTS

Motor operation is required.

This product is supported by a guide assembly attached to the jamb construction or structural tubes attached to either wall or overhead construction. No additional header support is required unless hood supports are mandated.

Windload Options

- ▶ Static - up to 40 psf
- ▶ Operational - up to 20 psf

OPTIONAL MATERIALS AND FINISHES

- ▶ Aluminum in clear anodized finish
- ▶ Stainless steel 300 series in #4 finish
- ▶ SpectraShield® powder coating in more than 180 colors (not available on curtains)
- ▶ Hoods available as an option. Galvanized steel with exclusive GalvaNex™ polyester enamel finish in Gray or SpectraShield® powder coating in more than 180 colors; aluminum in Mill, Clear, and Dark Bronze Anodized Finish and Black Anodized Finish; or 300 series stainless steel with #4 finish by a larger opening width.

CUSTOM-DESIGNED SOLUTIONS

Contact our experienced Architect Design Support Team for help in customizing our products to fit your specific application.

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