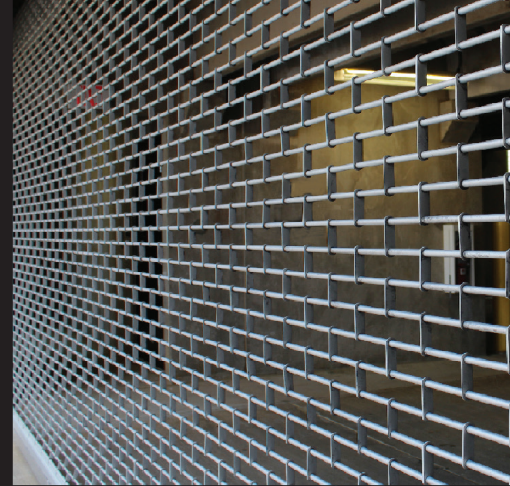


HIGH-SPEED, HIGH-CYCLE

Extreme®

324 PERFORMANCE GRILLES

MODEL EPG324 & EPG324B



Extreme 324 Performance Grilles operate up to 3X faster than standard coiling grilles and perform to an exceptional 300,000 cycles.

Opening quickly at speeds up to 24" per second and closing at 12" per second, our 324 Grille was designed to meet the challenges of high-traffic openings in applications like parking facilities and government buildings.

Backed by an industry-leading 5 year warranty, the 324 Performance Grille's continuous duty operator, advanced control system, self-lubricating guide design and self-supporting installation option will maximize your facility's productivity, promote smooth traffic flow and reduce downtime.

The open air design provides visibility and ventilation, and you can complement your building aesthetics with **straight or brick pattern curtain designs**.



To see the 324 Grille in action, visit cornelliron.com/324

BENEFITS

- + Opens up to 3 times faster than a standard grille
- + Sustainable and durable design rated for continuous duty
- + 5 year warranty on operator and 2 year/300K cycle warranty on components
- + UL 325-2010 compliance to ensure occupant safety
- + Accepts virtually all activation systems

APPLICATIONS

- + Parking Structures
- + Condominium Facilities
- + Transportation
- + Government
- + Airports

CORNELL
Innovative door solutions.™

Extreme[®] PERFORMANCE

GREATLY REDUCE MAINTENANCE & REPLACEMENT COSTS

Springless Shaft: Steel pipe not less than 6 5/8" diameter. Springless design reduces maintenance requirements and facilitates cycle capacity.
Standard Material: Steel

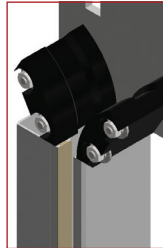
CONTINUOUS DUTY DESIGN

Motor: UL Listed, SEW Eurodrive TEFC NEMA4 variable speed motor with sprocket and chain drive horizontally bracket mounted standard. This also includes our patent pending high-performance brake which prevents the curtain from free-falling in an unlikely event of operator component failure.

Operation: Sprocket and chain driven motor operation standard. Doors operate by rotating the shaft gear end. Auxiliary hand chain included as standard.

MINIMIZE WEAR & TEAR ON CURTAIN

Guides: Extruded Aluminum with sealing, self lubricating anti-wear strips provided to greatly reduce friction and curtain wear including a fully replaceable UHMW bellmouth
Standard Material & Finish: Aluminum Mill
Optional Material & Finish: Clear Anodized Aluminum, Black Duranodic, Dark Bronze, Medium Bronze to match selected finish on curtain

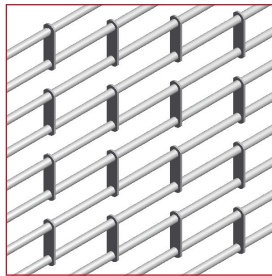


HEAVY DUTY, REINFORCED STRENGTH FOR DURABILITY

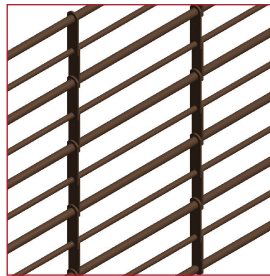
Bottom Bar: 3 1/2" tall x 2" wide Aluminum Extrusion Bottom Bar standard
Standard Material & Finish: Aluminum Mill
Optional Material & Finish: Clear Anodized Aluminum, Black Duranodic, Dark Bronze, Medium Bronze to match selected finish on curtain

HIGH-CYCLE CONSTRUCTION

Curtain: Heavy-duty thick links, 5/16" dia. rods spaced at 2" on center with aluminum tube spacers on every rod in a brick pattern or aluminum tube spacers on alternate rods in a straight pattern, 9" link spacing
Standard Material & Finish: Aluminum Mill
Optional Material & Finish: Clear Anodized, Black Duranodic, Dark Bronze, Medium Bronze



Brick Pattern, Mill



Straight Pattern, Medium Bronze

324 DRIVE & CONTROL SYSTEM

Provided complete as standard:



Control Panel:
 Wall mounted starter. PLC controller with variable frequency drive featuring soft-start and soft-stop at both ends of limit travel. NEMA4 rated for harsh weather environments.
 20" x 24" x 8"

STANDARD SAFETY FEATURES

UL 325-2010 Compliant Photo Eye Sensors (NEMA4X): Interruption of the beam before the door fully closes causes the door to immediately stop downward travel and reverse direction to the fully open position

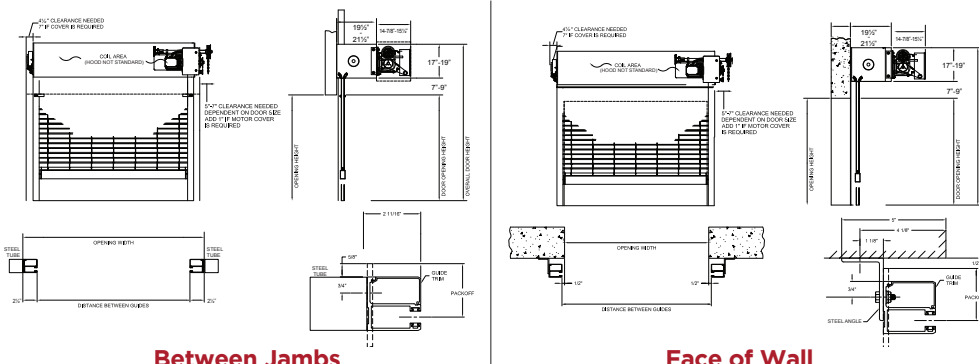
OPTIONS

- + UL 325 Wireless Sensing Edge
- + Sloped Bottom Bar
- + Activation Devices: Motion detector, push button stations, induction loop, additional photo eyes
- + Sensing Devices: Light curtains, presence sensor, additional photo eyes
- + Long Distance Wiring
- + Astragal
- + Hoods
- + Mechanism/Operator Covers
- + Fascias
- + Mounting Tubes

OPTIONAL FINISHES

Powder Coat finish on perimeter components such as aluminum bottom bar, hoods, wall angles, tubes and fascia. Not available on curtains.

MOUNTING & CLEARANCES



Between Jamb

Face of Wall

Face of Wall Mount: Maintains clearance of full opening, minimal exposed components.
 Standard construction to fit opening dimensions **Maximum 30' W** (up to 12' H) or **Maximum 16' H** (up to 28' W).

CORNELL[™]

Innovative door solutions.

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