

CYCLE-MASTER®

324 PERFORMANCE GRILLES

HIGH-SPEED, HIGH-CYCLE

**3X Faster than
Standard Coiling Grilles**

**Tested to Perform for
Over 300,000 Cycles**

**Industry-Leading
5 Year Warranty**

Cycle-Master 324 Performance Grilles combine speed with exceptional 300,000 cycle life. Opening at 24" per second and closing at 12" per second, our 324 Grille is designed for high-traffic openings. This high-performance grille solution provides building security with minimal maintenance.

The open air design provides visibility and ventilation. Maximize your facility's productivity and traffic flow and reduce downtime with the 324 Performance Grille.

Increase the performance of your openings with the 324 Performance Grille's continuous duty operator, advanced control system, self-lubricating guide design and self-supporting installation option. Plus, you can complement your building aesthetics with either **straight or brick pattern curtain designs.**

Guarantee that your openings will operate at peak performance time after time with Cycle-Master 324 Performance Grilles from Cookson.

Benefits

- Opens 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



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

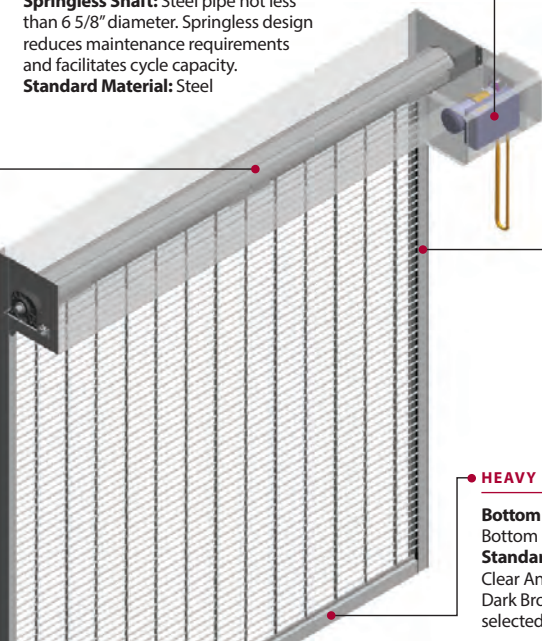
COOKSON
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GREATLY REDUCE MAINTENANCE & REPLACEMENT COSTS

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

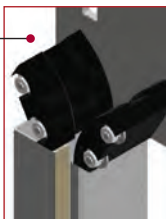


CONTINUOUS DUTY DESIGN

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



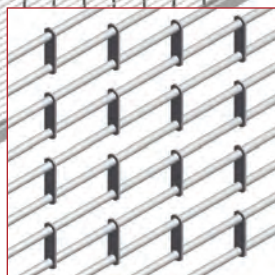
Guides: Extruded Aluminum with sealing, self lubricating anti-wear strips provided to greatly reduce friction and curtain wear including a fully replaceable UHMW bellmouth

Standard Material & Finish: Aluminum Mill, Clear Anodized Aluminum, Black Duranodic, Dark Bronze, Medium Bronze to match selected finish on curtain

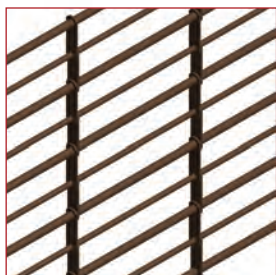
HEAVY DUTY, REINFORCED STRENGTH FOR DURABILITY

Bottom Bar: 3 1/2" tall x 2" wide Aluminum Extrusion Bottom Bar standard

Standard Material & Finish: Aluminum Mill, Clear Anodized Aluminum, Black Duranodic, Dark Bronze, Medium Bronze to match selected finish on curtain



Brick Pattern, Mill



Straight Pattern, Medium Bronze

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: Mill, Clear Anodized, Black Duranodic, Dark Bronze, 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
- Activation Devices: Motion detector, push button stations, induction loop, additional photo eyes
- Sensing Devices: Light curtains, presence sensor, additional photo eyes
- Two-Door Interlocks
- Long Distance Wiring
- Astragal
- Hoods
- Mechanism/Operator Covers
- Fascias
- Mounting Tubes

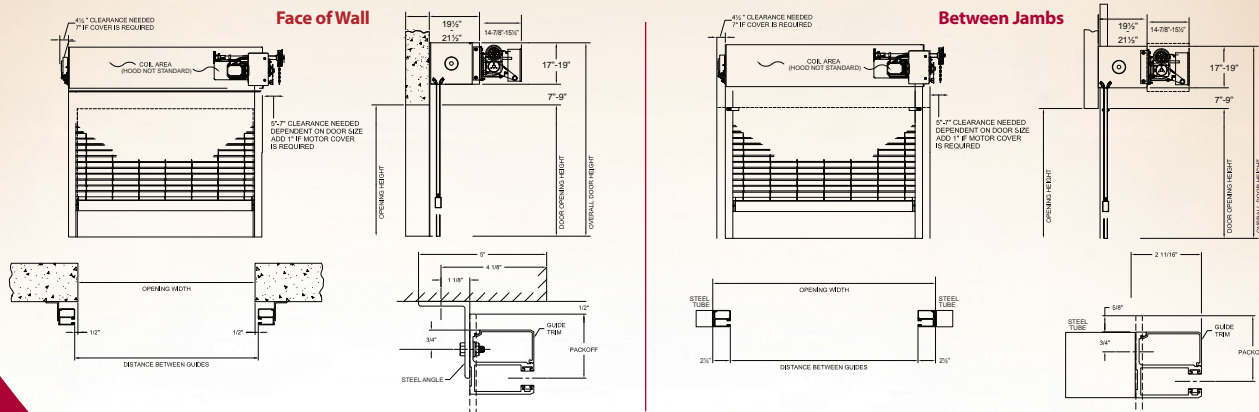
OPTIONAL FINISHES

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

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.

MOUNTING & CLEARANCES



Face of Wall Mount: Maintains clearance of full opening, minimal exposed components.

Standard construction Cycle-Master 324 Grilles are built to order to fit specific opening dimensions to 26' wide and 14' high.

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