



SECURITY GRILLE

APPLICATION SOLUTIONS



The Cookson Company, Inc.



SECURITY GRILLE APPLICATION SOLUTIONS

INSTITUTIONAL

Practical Design Applications:

Airports
Hospitals
Government

Arenas / Sport Complexes
Schools and Universities
Transportation Terminals



ACE® Emergency Response Grille



Classic 126 Side Folding Grille

Potential Requirements

Security – The ability to close and lock. Perforated, slotted and solid configurations offer greater security.

Visibility – The need for visual access of separated spaces. Open air, Lexan® or glass panels are available.

Ventilation – Airflow between separated spaces.

Design Aesthetics – Public areas demand a more visually pleasing product.

Low Headroom Conditions – Ability to accommodate a coil at the head of the opening.

Egress – A closed product opens to allow access to code required egress.

Curved Openings

Quiet Operation



Sentury™ Rolling Grille

Product Solutions

Open Curtain Coiling Grille – Provide visibility, ventilation and security.

Open Curtain Brick Pattern Coiling Grille – Above, plus superior durability in higher cycle applications.

Sentury™ Grille – Open curtain grille with aesthetically pleasing, injection molded components and continuous metal rods. Quiet operation. Suitable for high cycle applications.

Open Curtain Side Coiling Grille – Provide security, visibility and ventilation in low headroom or curved conditions. Available in aluminum or wood.

Classic 126 Side Folding Grille – Provide security, visibility and ventilation in low headroom or curved conditions. Straight or brick pattern available.

Guardian Side Folding Grille – The benefits of Classic 126 with heavy duty construction. Straight or brick pattern available.

Vista Side Folding Closures – Higher level security in low headroom conditions. Perforated, Slotted, Glass, Lexan or Solid Aluminum panels available.

ACE® (Access Controlled Egress) Emergency Response Grille – Self locking assemblies prevent forced opening of closed grille. Fully opens on fire alarm or power failure, allowing access to egress.

HIGH-CYCLE OPENINGS

Practical Design Applications:

Parking Garages
Sally Ports
Transportation Terminals

Product Requirements

Cycle Life – High Cycle units are expected to open/close more than 50 times a day and are defined as the required cycle quantity achievable in the lifetime of the product.

Aesthetics of Opening – High traffic areas can demand a more aesthetically pleasing product.

Visibility – The need for visual access of separated spaces.

Ventilation – Airflow between separated spaces.



Cycle-Master® Straight Pattern Grille

Product Solutions

100,000 Cycle Life Cycle-Master® Straight or Brick Pattern Grilles – Provide visibility, ventilation and security plus superior durability in high cycle applications.

100,000 Cycle Life Cycle-Master® Sentury Grille – In addition to visibility and ventilation, provides quieter operation with an aesthetically pleasing, appliance like design.

300,000 Cycle Life Cycle-Master® Straight or Brick Pattern Grilles – Maximum life cycle rating in two styles to meet aesthetic preferences.



SOLUTIONS FOR RETAIL AND COMMERCIAL APPLICATIONS



Open Curtain Coiling Grille



Sentry Grille



Vista Solid Grille

Practical Design Applications:

Mall Storefronts
Kiosk
Mixed Use Environments
Building Envelope

- Exterior
- Behind or In Front of Glass
- Entryways

Big Box Retail Outlets
Restricted Product Access
Airport Concourse Security
Interior Applications

- Full Height Openings
- Counter Openings
- Area Separation

Potential Requirements

Security – The ability to close and lock. Perforated and solid configurations offer greater security
Visibility – The need for visual access of separated spaces. Open air, Lexan or glass panels are available.

Ventilation – Airflow between separated spaces.

Design Aesthetics – Public areas demand a more visually pleasing product.

Low Headroom Conditions – Unable to accommodate a coil above the opening.

Curved Openings

Quiet Operation

Product Solutions

Open Curtain Coiling Grille – Provide visibility, ventilation and security.

Open Curtain Brick Pattern Coiling Grille – Provide above, plus superior durability in high cycle applications

Sentry™ Grille – Open curtain grille with aesthetically pleasing, injection molded components and continuous metal rods. Suitable for high cycle applications.

Open Curtain Side Coiling Grille – Provide security, visibility and ventilation in low headroom or curved conditions. Available in aluminum or wood.

Classic 126 Side Folding Grille – Provide security, visibility and ventilation in low headroom or curved conditions. Straight or brick pattern available.

Guardian Side Folding Grille – The benefits of Classic 126 with heavy duty construction. Straight or brick pattern available.

Vista Side Folding Closure – Higher level security in low headroom conditions. Perforated, Slotted, Glass, Lexan or Solid Aluminum panels available.



Guardian Grille



SECURITY GRILLE APPLICATION SOLUTIONS

GRILLE PRODUCT SELECTION CHART

	Max Width	Max Height	Steel	Material Stainless	Aluminum	Cycle Life	Low Headroom	Egress
Rolling Grilles								
Open Straight Pattern	40'	20'	•	•	Standard			Optional Release
Brick Pattern	40'	20'			Standard			Optional Release
Heavy Duty (Model 5015)	40'	24'		•	Standard			Optional Release
ACE® (Access Controlled Egress) Emergency Response Grille	24'	20'						Code Approved Access Control
Sentury™ 3 Rolling Grilles	14'	10'				High		
Sentury™ 4 Rolling Grilles	23'4"	14'				High		Optional Release
High Cycle Grilles								
100,000 Cycle-Master® Straight	26'	14'		•	Standard	High		
100,000 Cycle-Master® Brick	26'	14'		•	Standard	High		
100,000 Cycle-Master® Century™	23'4"	12'				High		
300,000 Cycle-Master® Straight	26'	14'			Standard	Max.		
300,000 Cycle-Master® Brick	26'	14'		•	Standard	Max.		
Side Folding Grilles								
Classic 126 Straight	30'/any	12'			Standard		•	
Classic 126 Brick	30'/any	12'			Standard		•	
Guardian Straight	30'/any	14'			Heavy Duty		•	Optional Door Insert
Guardian Brick	30'/any	14'			Heavy Duty		•	Optional Door Insert
Vista Air	30'/any	20'			Standard		•	Optional Door Insert
Vista Perforated	30'/any	14'			Standard		•	Optional Door Insert
Vista Glass	30'/any	12'			Standard		•	Optional Door Insert
Vista Lexan	30'/any	14'			Standard		•	Optional Door Insert
Vista Solid	30'/any	20'			Standard		•	Optional Door Insert
Sentry Pattern	30'/any	9'			Standard		•	Optional Door Insert

GRILLE PRODUCT OPERATORS AND ACCESSORIES

Operators – Tube motor operators provide a solution for strict size limits around the header or aesthetic requirements that can be met with its smaller, compact design. Bracket mounted electric operators, hand crank and hand chain operators are available for coiling grilles. Hand cranks are normally operated from store side. Consult Cookson for recommendations.

Note: All Side Folding Grilles and Closures are manual push / pull operation only.

Motor Mounted Interlock – An overload sensing device that prevents damage if motor operation is attempted when the grille is locked. Field wired guide mounted interlocks are no longer necessary.

AutoLocks – Concealed self-locking assembly that prevents the forced opening of a closed grille without the need for cylinder locks. AutoLocks remain disengaged during normal operation but automatically engage upon forced opening attempt. Standard on ACE Grilles, optional for open curtain coiling grilles with motor operation.

Manual Release System – For use with motorized grilles to provide manual emergency opening. Wall mounted pull handle disengages the motor allowing grille to partially open for egress.

Power Out Entry Terminal (PET) Box – Offer a manual release pull handle system and a key switch station within a weather resistant, key cylinder secured lock box. Use the key switch for normal open / close operation. During power outage, use the pull handle to open the grille. For use with MG and belt drive motor operated grilles and Century 4 units only.

Side Folding Grille Accessories:

Egress Door – May be inserted into the curtain panel of side folding grilles for applications where emergency egress may be desired.

