

**670/671/674**

# UPWARD-COILING SECURITY GRILLES



SECURITY GRILLE SYSTEMS



HIGH PERFORMANCE.  
LOW MAINTENANCE.  
ATTRACTIVE.  
SECURE.



INDUSTRY LEADING  
COMMERCIAL & INDUSTRIAL SOLUTIONS



**Standard features at a glance**

<b>Operation</b>	Manual unless size requires chain hoist
<b>Curtain</b>	
Material/Finish	670: Aluminum, mill finish 671: Galvanized steel or optional stainless steel (2B or 4) 674: Aluminum, clear anodized
Pattern	670/671: Straight lattice (standard); staggered brick; straight with polycarbonate panels 674: Perforated aluminum panels
<b>Bottom bar</b>	670: Extruded aluminum, mill finish 671: Double angle steel 674: Clear anodized aluminum
<b>Guide type</b>	Guide channels are extruded aluminum 670/671: Mill finish 674: Clear anodized; wall angles and any pack-out angles are galvanized steel
<b>Mounting</b>	Interior face of wall is standard; between jamb option available
<b>Brackets</b>	Steel with black powdercoat finish
<b>Pipe</b>	Steel, sized for maximum deflection of .03" per linear foot
<b>Springs</b>	Oil tempered, 20,000 cycle, torsion springs
<b>Locking</b>	670/671: Slide bolt for manual and crank operation; chain lock for chain hoist operation 674: Center locking bottom bar, with 1/2" diameter steel throw rods; comes standard with cylinder locks on both sides or thumb turn on secured side
<b>Warranty</b>	12 month limited

**Options**

- Operation: Electric operator, chain hoist, removable awning crank or crank box
- Electric operator with automatic emergency egress (670, 671); compliant with IBC 1008.1.4.4 & NFPA 101
- Controls: Time clock, card reader, keypad access
- Hood: Primed galvanized or stainless steel, mill finished or clear anodized aluminum
- Fascia and back hoods: Aluminum, stainless steel
- Guide finishes: Clear or bronze anodized, aluminum stainless steel
- PowderGuard® Premium powder coat paint finish in approximately 200 standard colors, or color-matched to specification available on hood, curtain, bottom bar (not on 674), guides, headplates
- PowderGuard® Zinc and PowderGuard® Textured finishes
- Heavy usage package (670/671) not available with EEG
- Locking options include cylinder locks, slide bolts (670, 671), security rods (670, 671), interlocks

**Cover image:**

*Model 670*

**Image above:**

*Model 674, perforated aluminum security grille, PowderGuard® Premium powder coat finish in white*



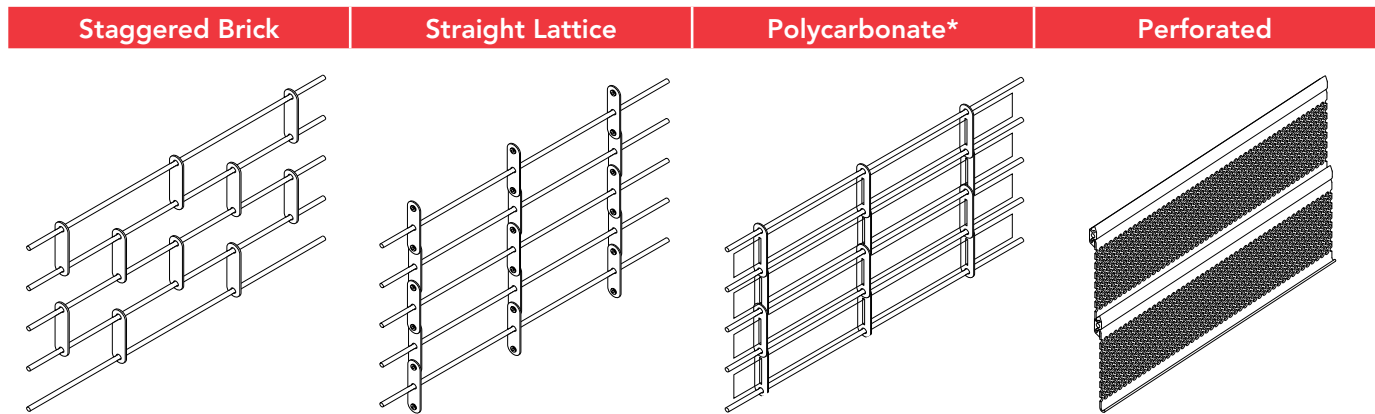
## Security that's both practical and stylish

When your project calls for an upward-coiling grille that is as versatile and attractive as it is rugged and secure, look no further than Models 670, 671 and 674. These grilles provide an attractive yet functional means to secure areas where public access is restricted, without blocking air, light or visibility. These grilles are an ideal choice for interior or exterior use in a variety of retail, industrial and commercial settings.



Model 674 perforated aluminum security grille, PowderGuard® Premium powder coat finish in white

## Grille patterns



Note: These products allow air infiltration and are not weather tight.

\*Lexan® or similar

## Benefits

**The choice of aluminum, galvanized steel or stainless steel**  
Models 670, 671 and 674 offer a choice of curtain materials to meet the aesthetic and functional requirements of almost any environment.

The standard curtain pattern for both Model 670 and 671 is a straight lattice configuration. A staggered brick design is optional. The Model 670 features an aluminum curtain with optional fire retardant polycarbonate inserts. The model 671 is fabricated of galvanized steel. Stainless steel and fire retardant polycarbonate inserts are also options. The Model 674 features a perforated aluminum curtain that provides increased security, visibility and light infiltration in an attractive design.

### High-performance, low maintenance

These security grilles are built for long-lasting, trouble-free performance. The counterbalance assembly features helical torsion springs in a steel tube or pipe barrel to provide long and reliable service. Guides feature silicon woolpile strips or PVC inserts for ease of operation and noise reduction. Surfaces are factory pre-finished to minimize field preparation and enhance the durability of the finish. Optional crank or electric motor further simplifies grille operation. An optional heavy usage package (670, 671) provides extended life in applications requiring higher-duty cycles, such as parking garages and service access gates.

### Optional electric operation

- Entrapment protection, including an electric or pneumatic sensing edge or photoelectric sensors
- Emergency egress allows for exiting without electrical power
- Push-button, key or combination stations; surface or flush-mounted for interior or exterior locations
- Vehicle detectors, key card readers, door timer controls
- Treadle or pull-switch stations
- Telephone entry and coded keyboard stations
- Radio control systems (24 VAC or 120 VAC)

### Emergency egress options

For applications where grilles are utilized to secure access to public areas, an emergency egress may be necessary to prevent entrapment in the event of emergency or power failure. Applications including hospitals, schools, office buildings and libraries are ideal for adding this safety option. In the event of an alarm condition or power failure, the emergency egress option allows for safe pedestrian exit as well as provides immediate access to emergency personnel. The emergency egress option can be implemented two ways. Both meet IBC 1008.1.4.4 requirements. One option is the auto unlock and auto release option using an egress electric operator system designed specifically to work with our emergency egress (670, 671). The other option is the auto unlock and manual release which can be operated with standard Overhead Door® commercial operators.



Model 670 with sloped bottom bar. Installation and Service: Overhead Door Company of Bellingham™.



## Architect's Corner

A resource for architects, containing comprehensive technical and resource materials to support your project, including drawings and specifications for commercial doors.

[www.overheaddoor.com](http://www.overheaddoor.com)

**The original, innovative choice for unequalled quality and service.**

Overhead Door Corporation pioneered the upward-acting door industry, inventing the first upward-acting door in 1921 and the first electric door operator in 1926. Today, we continue to be the industry leader through the strength of our product innovation, superior craftsmanship and outstanding customer support, underscoring a legacy of quality, expertise and integrity. That's why design and construction professionals specify Overhead Door™ products more often than any other brand. Our family of over 400 Overhead Door™ Distributors across the U.S. and Canada not only share our name and logo, but also our commitment to excellence.



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