

SecurityUpward-Coiling Grille Systems



MODELS

670

671



INDUSTRY LEADING
COMMERCIAL & INDUSTRIAL SOLUTIONS

Security Upward-Coiling Grilles

MODELS 670/671

Standard Features At a Glance

| | |
|------------|--|
| Warranty | 1-year limited |
| Operation | Manual |
| Curtain | |
| Material | Aluminum (Model 670) Steel (Model 671) Optional: fire-retardant polycarbonate panels |
| Pattern | Straight lattice: 5/16" (8 mm) rods at 2" (51 mm) on center and links at 9" (229 mm) on center Optional: Staggered brick: 5/16" (8 mm) rods at 2" (51 mm) on center and links at 4 1/2" (114 mm) on center Optional: Curtain with polycarbonate 5/16 (8 mm) rods at 3" (76 mm) on center and links at 12" (305 mm) on center |
| Finish | Mill finish on aluminum; 2B on stainless; galvanized on steel |
| Guide type | Aluminum extruded track |
| Mounting | Face mount with wall angle Between the jambs on 3" x 3" (76 mm x 76 mm) Or 4" x 4" (102 mm x 102 mm) structural steel tubes |
| Locking | Slide bolt for manual and chain operation Chain lock for chain hoist operation |

Options

- Electric operator, chain hoist, removable awning crank or crank box
- Electric operator with automatic emergency egress
- Emergency egress operation with manual release
- Aluminum curtain with polycarbonate filler panels
- 24-gauge galvanized steel hood
- Heavy-usage package
- Anodized finishes: clear, bronze (aluminum)
- No. 4 finish (stainless)
- Powdercoat paint finish in 197 standard colors or color matched to your specification
- Controls: time clock, card reader, keypad access
- Cylinder lock

Models 670 and 671. Security That

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 and 671. These grilles provide an attractive yet functional means to secure areas where public access must be restricted, without blocking air, light or sight. A wide range of options – including the choice of material, curtain pattern and inserts, finish, type of operator, 24-gauge steel hood, and heavy-usage package – make these grilles an ideal choice for interior or exterior use in a variety of retail, industrial and commercial settings.

The Choice of Aluminum, Steel or Stainless.

Both Models 670 and 671 offers a choice of curtain materials to meet the aesthetic and functional requirements of almost any environment. 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 available options. The standard curtain pattern for both the Model 670 and 671 is a straight lattice configuration, but you can opt for a staggered brick design.

High-Performance, Low Maintenance.

Models 670 and 671 security grilles are built for long-lasting, trouble-free performance. The counter-balance assembly features heavy-duty 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 finish's durability. Optional crank or electric motor further simplifies grille operation. An optional heavy usage package provides extended life in applications requiring higher-duty cycles, such as parking garages and service access gates.



What's Both Practical and Stylish.



Installation and Service: Overhead Door Company of Huntsville

Emergency Egress Options

For public building 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 to the door system. The emergency egress allows exit in the event of an alarm or power failure. The door is unlocked and therefore allowing exit. This feature avoids entrapment as well as provides immediate access to emergency personnel. Overhead Door offers two different ways to implement the emergency egress option. Both ways meet the 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 Overhead Door emergency egress. The other option is the auto unlock and manual release which can be operated with standard Overhead Door commercial operators.

Optional Electric Operation

These security grilles are available with an electric operator to provide automatic passage for a variety of commercial and industrial uses, including schools, hospitals, libraries, public access buildings and parking garages. Our commercial operators are designed specifically for the 670 and 671 Models grilles to ensure precise, smooth and safe operation for years to come. These operators are available with a variety of safety and actuator options that make these grilles suitable for nearly any commercial or retail application. These options include:

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

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 Corporation products more often than any other brand.

The Overhead Door Red Ribbon is a mark of quality that also reflects the pride we take in the people who support our products. Our family of over 400 Overhead Door Distributors across the country not only share our name and logo, but also our commitment to excellence. Your Overhead Door Distributor will work with you in a consultative role to ensure that product selections achieve your design and application requirements — in addition to offering expert installation, professional field service and ongoing maintenance. From project design and manufacturing to installation and service, the Overhead Door Red Ribbon is your guarantee of genuine quality and turnkey service excellence.

Together with our distributors, we offer comprehensive technical information and resource materials to support your project, including:

- **Architectural Design Manual** – a comprehensive guide to selecting, specifying and detailing all commercial and industrial Overhead Door products can be found at www.OverheadDoor.com/ADM/base.html
- **Operation & Maintenance Manual** – detailed product information, customized for your project, to ensure reliable, long-life door system operation
- **Custom application and technical assistance through ordering plants' customer service and technical services respectively**
- **Visit our Architect's Corner at www.OverheadDoor.com**



Advanced Rolling Steel Door
RapidSlat®



Thermacore® Sectional Doors



Rolling & Side Folding
Security Grilles & Closures



Rolling Service Doors



Commercial Operators

Today, Overhead Door Corporation – along with our Horton Automatics division, for automated pedestrian entrances – is recognized as the leading, single-source manufacturer of integrated door and operator systems for commercial, industrial and residential applications. With multiple manufacturing locations throughout the United States, a state-of-the-art TREQ (Testing, Reliability, Engineering, and Quality) Center for design and engineering, and a national network of authorized Overhead Door Distributors, our capabilities are leading-edge and our field service and technical support second to none. Built best and backed best, Overhead Door is the industry's leading choice for quality that shows and lasts.

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