

610S/620S/625S

EVERSERVE™



SPRINGLESS ROLLING SERVICE DOORS



LOW MAINTENANCE.
EASE OF SERVICEABILITY.



INDUSTRY LEADING
COMMERCIAL & INDUSTRIAL SOLUTIONS



Advantages of Springless Service Doors

The EverServe™ door platform is an industry leading performance driven solution to enhance our rolling steel product line. The EverServe™ door system provides customers with high cycle performance, improved security and durability while delivering a reliable system, minimizing downtime with ease of serviceability. The springless design builds on the proven construction of Overhead Door's rolling steel line, adding significant enhancements to provide 25 times the standard service door cycle life. Key features of the springless system include:

- Springless operation eliminating the need for a counterbalance
- Performance and functionality with minimum maintenance requirements
- 500,000 cycle life
- Universal components for ease of maintenance
- Floor-level controller for ease of access control and maintenance
- Direct drive integrated gear/motor/brake assembly; built-in braking mechanism provides additional peace-of-mind against uncontrolled curtain travel.

- A variety of insulation, weather seal, and air flow options are available to satisfy applications in a wide range of environmental conditions
- Field-installable accessories such as radio controls or motion detectors to match a wide range of application requirements
- 36 month limited warranty on door system

Powder coat upgrade available

Choose from a selection of approximately 200 RAL powder coat colors to match the aesthetic and design of your project. Choose from PowderGuard® Premium, a polyester powder coat or PowderGuard® Max which is four times harder and provides enhanced strength.



Direct drive motor

Comes standard with advanced gearbox design and features gear teeth specifically designed to spread the drive and shock loads over a larger tooth contact area to help reduce maintenance costs and increase durability. Opening and closing speed of 8" to 12" per second. Drive assembly and limit sensors are factory pre-assembled.

Hood, end cover, motor cover

Protects direct drive motor, barrel and built-in braking mechanism from dirt and debris for better performance and increased durability. Optional sloped hood available for exterior mounted applications.

Curtain

Available in a variety of slat styles (including insulated and non-insulated), gauges and materials (including stainless steel and aluminum).

Hand chain override system

Easy override system in case of power outage.

High usage guides

Three structural steel angle powder coated black; with high cycle UHMW wear strip.



Built-in safety features

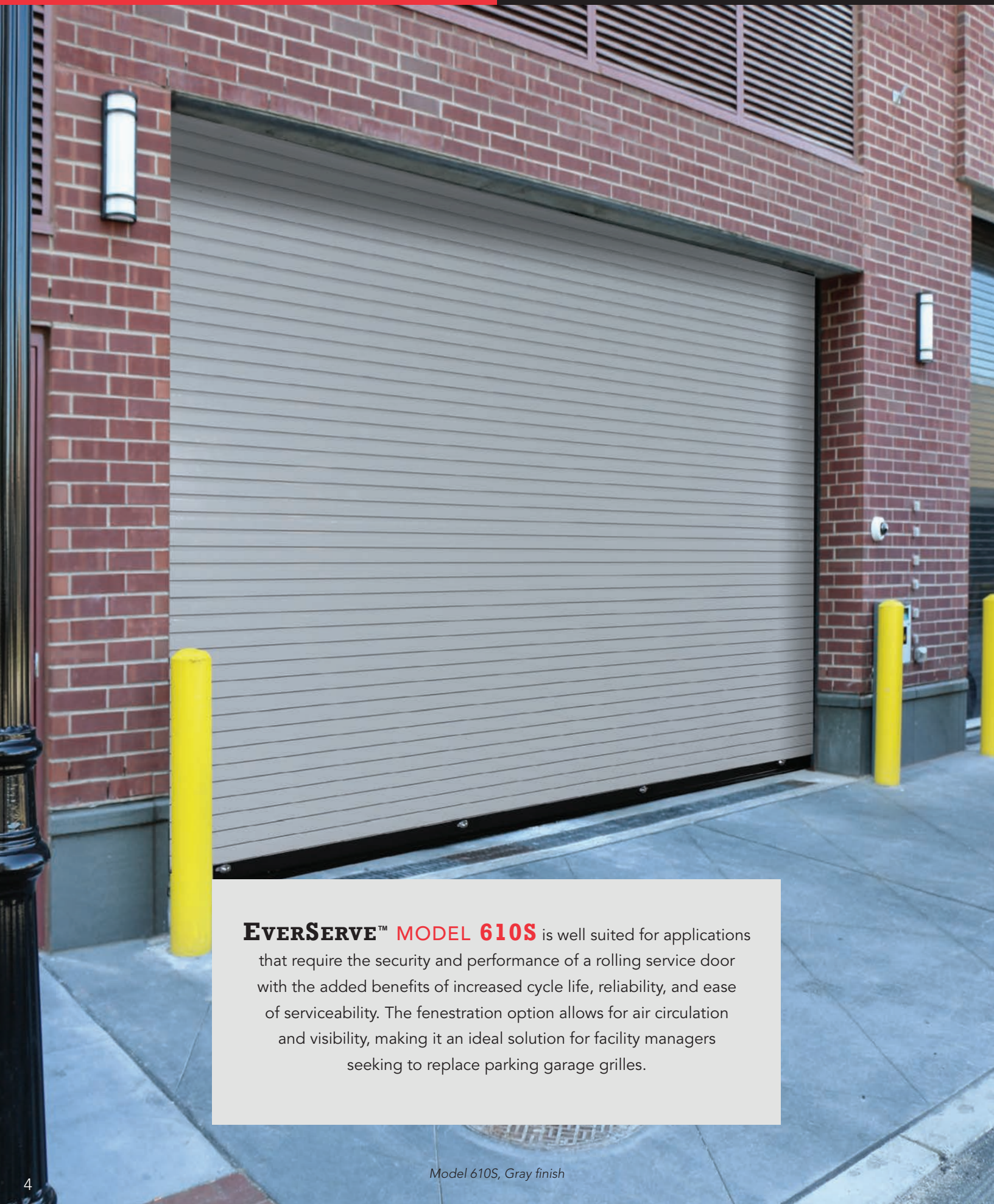
Photoelectronic sensors that cast an invisible beam across the door opening and reverse the downward motion of the door when an object enters the path of the beam.

Built-in braking mechanism provides peace-of-mind against uncontrolled curtain travel.



Control panel

Electronic controller with microprocessor self-diagnostics. Digital readout indicates door action, alarm conditions, and fault conditions. Time delay self-close timer and non-resettable cycle counter is included. One open/close/stop push button station integrated in control panel. Enclosure is IP54 rated (NEMA 3 equivalent).



EVERSERVE™ MODEL 610S is well suited for applications that require the security and performance of a rolling service door with the added benefits of increased cycle life, reliability, and ease of serviceability. The fenestration option allows for air circulation and visibility, making it an ideal solution for facility managers seeking to replace parking garage grilles.

Model 610S, Gray finish



Standard features at a glance

Maximum standard width	up to 30' (9246 mm) depending on gauge and slat type
Maximum standard height	up to 20' (6096 mm) depending on gauge and slat type
Mounting	Interior or exterior face-of-wall
Control panel	Electronic controller with microprocessor self-diagnostics. Digital readout indicates door action, alarm conditions, and fault conditions. Time delay self-close timer and non-resettable cycle counter is included. One open/close/stop push button station integrated in control panel. Enclosure is IP54 rated (NEMA 3 equivalent).
Curtain	Galvanized steel interlocking roll-formed slats, end locks attached to prevent lateral movement; Curved profile type C-187 for doors up to 15'4" wide – 22-gauge galvanized steel; Curved profile type C-275 for doors from 15'5" to 18'4" wide – 22-gauge; From 18'5" to 25'4" wide – 20-gauge; From 25'5" to 30'0" wide – 18-gauge
Curtain finish	Gray, Tan, White or Brown polyester top coat
Bottom bar	Two PowderGuard® Premium powder coated black angles (min. thickness 3/16") with weatherstrip
Brackets	Minimum 1/4" hot rolled primed PowderGuard® Premium powder coated black steel
Guides	Three structural steel angles PowderGuard® Premium powder coated black; With high cycle UHMW wear strip [†]
Door roll	Direct driven, springless roll with integrated shafts; Self-aligning greaseable sealed bearings; Door does not require counterbalance device
Hood	24-gauge galvanized steel primed; motor and end cover provided
Safety devices	Built-in braking mechanism – provides additional peace-of-mind against uncontrolled curtain travel. Photoelectric safety sensors with guards – provide obstruction monitoring during door operation to help prevent injury and damage
Operation	Direct drive integrated gear/motor/brake assembly; Drive assembly and limit sensors are factory pre-assembled; Manual hand chain for power outage. Horsepower is appropriate to door size/weight; 230V AC 3-phase motor (operating range 208-245V)
Actuator	Single open/close/stop push button station incorporated into control panel
Wind load	20 psf
Warranty	36 month limited warranty coverage on door system

Options

Motor options*: Available for supply voltages 220-240V AC 1-phase; 440-480V AC 3-phase; 575V AC 3-phase (Both 440-480V and 575V require additional transformer)

Curved profile type C-187 for doors up to 15'4" wide. Also available in: 20, 18-gauge galvanized steel; 22, 20-gauge stainless steel; 18-gauge (.044") aluminum

Curved profile type C-275 for doors up to 30' wide. Also available in: 20, 18-gauge galvanized steel; 22, 20-gauge stainless steel; 16-gauge (.050") aluminum**

Flat profile type F-265 for doors up to 30' wide. Available in: 22, 20, 18-gauge galvanized steel, 22, 20-gauge stainless steel; 16-gauge (.050") aluminum**

Fenestrated slats feature 3"x 5/8" (C-275 or F-265 slats) or 10"x 1" (F-265 slat) uniformly spaced openings. The fenestrations can be open or with acrylic vision lites

For ventilated/perforated service doors, provide slats with 1/16" (16 mm) diameter perforations 3/32" (2.4 mm) on center staggered rows (18-gauge C-275) (18-gauge F-265)

Bottom bar also available in galvanized steel, stainless steel and aluminum

Guide options include galvanized steel, powder coated steel

Hood available in powder coat, stainless steel and aluminum; sloped hood also available

Brackets also available in powder coat, galvanized steel

IP65 (NEMA 4/4X equivalent) control panel

Sensing edge for improved safety

Additional set of photoelectric sensors

Optional push buttons, loop detectors, radio control, motion detectors or any combination thereof available for door operation/control

PowderGuard® Premium powder coat and PowderGuard® Max hardened powder coat available in approximately 200 colors as well as color-matching to specification

PowderGuard® Textured Finish: Industrial textured powder coat provides a thicker, more scratch resistant coat for added product protection on guides, bottom bar and head plate

High wind load option available

* If the voltage is too low, a transformer may be needed. Larger doors may not be available with 1-phase power. Consult factory for information.

** Consult factory for specific stat profile and gauge width limits. [†] High cycle UHMW wear strips not available on doors with wind load over 20 psf.



EVERSERVE™ MODEL 620S is best suited for exterior applications that are exposed to harsh weather. The Model 620S provides security, reliability, ease of serviceability and advanced weather protection. The perimeter seals included in this design help protect against extreme weather conditions.

Model 620S, Brown finish



Standard features at a glance

Maximum standard width	Up to 30' (9246 mm) depending on gauge and slat type
Maximum standard height	Up to 20' (6096 mm) depending on gauge and slat type
Mounting	Interior or exterior face-of-wall
Control panel	Electronic controller with microprocessor self-diagnostics. Digital readout indicates door action, alarm conditions and fault conditions. Time delay self-close timer and non-resettable cycle counter is included. Enclosure is IP54 rated (NEMA 3 equivalent)
Curtain	Galvanized steel interlocking roll-formed slats, end locks attached to prevent lateral movement; Flat profile type F-265 for doors up to 18'0" wide – 22-gauge; From 18'4" to 25'4" – 20-gauge; From 25'4" to 30'0" – 18-gauge
Curtain finish	Gray, Tan, White, or Brown polyester top coat
Bottom bar	Two PowderGuard® Premium powder coated black angles (min. thickness 3/16") with weatherstrip
Brackets	Minimum 1/4" hot rolled primed PowderGuard® Premium powder coated black steel
Guides	Three structural steel angles PowderGuard® Premium powder coated black; with high cycle UHMW wear strip [†]
Door roll	Direct driven, springless roll with integrated shafts; self-aligning greaseable sealed bearings; door does not require counterbalance device
Hood	24-gauge galvanized steel primed; motor and cover provided
Stormtite™ perimeter seal system	Exterior guide seal, interior hood baffle, bottom astragal
Safety devices	Built-in braking mechanism – provides additional peace-of-mind against uncontrolled curtain travel. Photoelectric safety sensors with guards – provide obstruction monitoring during door operation to help prevent injury and damage
Operation	Direct drive integrated gear/motor/brake assembly (up to 24" per second up speed / 12" per second down speed); drive assembly and limit sensors are factory pre-assembled; Manual hand chain for power outage. Horsepower is appropriate to door size/weight; 230V AC 3-phase motor (operating range 208-245V)
Actuator	Single open/close/stop push button station incorporated into control panel
Wind load	20 psf
Warranty	36 month limited warranty coverage on door system

Options

Motor options*: Available for supply voltages 220-240V AC 1-phase; 440-480V AC 3-phase; 575V AC 3-phase (Both 440-480V and 575V require additional transformer)

Flat profile type F-265 for doors up to 30' wide. Also available in: 20, 18-gauge galvanized steel; 22, 20-gauge stainless steel; 16-gauge (.050") aluminum**

Bottom bar also available in: galvanized steel, stainless steel and aluminum

Guide options include galvanized steel, powder coated steel

Hood available in powder coat, stainless steel and aluminum; sloped hood also available

Brackets also available in powder coat, galvanized steel

IP65 (NEMA 4/4X equivalent) control panel

Sensing edge for improved safety

Additional set of photoelectric sensors

Optional push buttons, loop detectors, radio control, motion detectors or any combination thereof available for door operation/control

PowderGuard® Premium powder coat and PowderGuard® Max hardened powder coat available in approximately 200 colors as well as color-matching to specification

PowderGuard® Textured Finish: Industrial textured powder coat provides a thicker, more scratch resistant coat for added product protection on guides, bottom bar and head plate

Uniformly spaced glazed acrylic vision lites available in 3" x 5/8" or 10" x 1"

High wind load option available

* If the voltage is too low, a transformer may be needed. Larger doors may not be available with 1-phase power. Consult factory for information.

** Consult factory for specific stat profile and gauge width limits. [†] High cycle UHMW wear strips not available on doors with wind load over 20 psf.



EVERSERVE™ MODEL 625S delivers security, reliability and ease of serviceability and is best suited for applications that require protection against weather extremes. The insulated slats provide climate control as well as sound reduction, while perimeter seals provide additional protection from weather.

Model 625S, Gray finish, vision lites



Standard features at a glance

Maximum standard width	Up to 30' (9246 mm) depending on gauge and slat type
Maximum standard height	Up to 20' (6096 mm) depending on gauge and slat type
Insulation	R-value [†] of 7.71 for energy-efficiency. U-value of .13 and STC rating of 21
Mounting	Interior or exterior face-of-wall
Control panel	Electronic controller with microprocessor self-diagnostics. Digital readout indicates door action, alarm conditions, and fault conditions. Time delay self-close timer and non-resettable cycle counter is included. Enclosure is IP54 rated (NEMA 3 equivalent)
Curtain	Galvanized steel interlocking roll-formed slats, end locks attached to prevent lateral movement; insulated flat profile type F-265i for doors up to 30'0" wide -- front and back slats 24-gauge. Slat cavity shall be filled with CFC/HCFC-free, foamed-in-place, polyurethane insulation
Curtain finish	Gray, Tan, White, or Brown polyester top coat
Bottom bar	Two PowderGuard® Premium powder coated angles (min. thickness 3/16") with weatherstrip
Brackets	Minimum 1/4" hot rolled PowderGuard® Premium powder coated black steel
Guides	Three structural steel angles PowderGuard® Premium powder coated black; with high cycle UHMW wear strip ^{††}
Door roll	Direct driven, springless roll with integrated shafts; self-aligning greaseable sealed bearings; door does not require counterbalance device
Hood	24-gauge galvanized steel primed; motor and cover provided
Stormtite™ perimeter seal system	Exterior guide seal, interior hood baffle, bottom astragal
Safety devices	Built-in braking mechanism – provides additional peace-of-mind against uncontrolled curtain travel. Photoelectric safety sensors with guards – provide obstruction monitoring during door operation to help prevent injury and damage
Operation	Direct drive integrated gear/motor/brake assembly; Drive assembly and limit sensors are factory pre-assembled; Manual hand chain for power outage. Horsepower appropriate to door size/weight. 230V AC 3-phase motor (operating range 208-245V)
Actuator	Single open/close/stop push button station incorporated into control panel
Wind load	20 psf
Warranty	36 month limited warranty coverage on door system

Options

- Motor options*: Available for supply voltages 220-240V AC 1-phase; 440-480V AC 3-phase; 575V AC 3-phase (Both 440-480V and 575V require additional transformer)
- Flat profile type F-265 for doors up to 30' wide. Available in: (Front slat) 22, 20, 18-gauge galvanized steel; 22, 20-gauge stainless steel; 18-gauge aluminum** (back slat) 22-gauge steel; 24-gauge stainless steel; 22-gauge (.024) aluminum
- Bottom bar also available in galvanized steel, stainless steel and aluminum
- Guide options include galvanized steel, power-coated steel
- Hood available in powder coat, stainless steel and aluminum; sloped hood also available
- Brackets also available in powder coat, galvanized steel
- IP65 (NEMA 4/4X equivalent) control panel
- Sensing edge for improved safety
- Additional set of photoelectric sensors
- Optional push buttons, loop detectors, radio control, motion detectors or any combination thereof available for door operation/control
- PowderGuard® Premium powder coat and PowderGuard® Max hardened powder coat available in approximately 200 colors as well as color-matching to specification
- PowderGuard® Textured Finish: Industrial textured powder coat provides a thicker, more scratch resistant coat for added product protection on guides, bottom bar and head plate
- Uniformly spaced glazed acrylic vision lites available in 10" x 1"
- High wind load option available

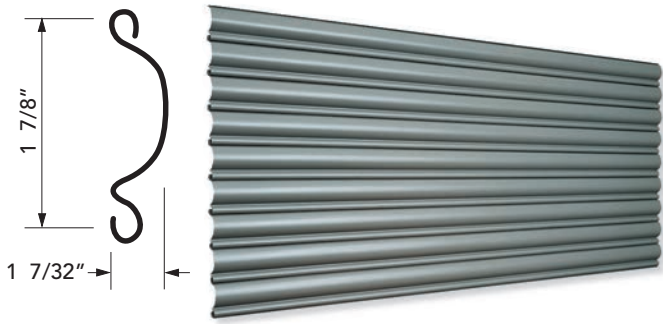
[†] R-value: R-value is a measure of thermal efficiency. The higher the R-value the greater the insulating properties of the door. Overhead Door uses a calculated door section R-value for our insulated doors.
^{*} If the voltage is too low, a transformer may be needed. Larger doors may not be available with 1-phase power. Consult factory for information.
^{**} Consult factory for specific stat profile and gauge width limits. ^{††} High cycle UHMW wear strips not available on doors with wind load over 20 psf.

Slat styles

A variety of slat styles in steel, aluminum and stainless steel are available including curved, flat, insulated flat, perforated and fenestrated. Perforation only available on F-265 slat profile. Fenestration option available on F-265 and C-275. C-187 slats cannot be used for completely fenestrated doors. Slats can be replaced quickly, minimizing downtime.

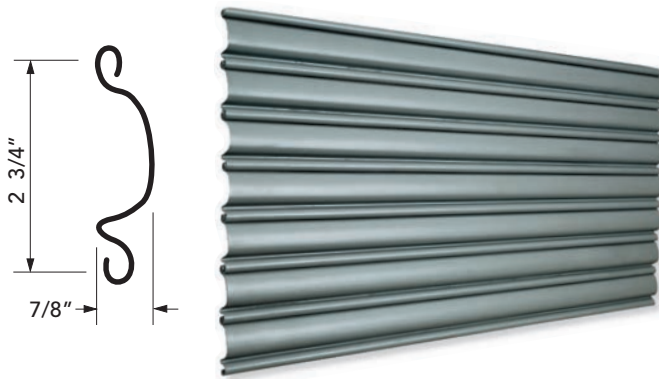
C-187 Slat

F-265 Slat



C-275 Slat

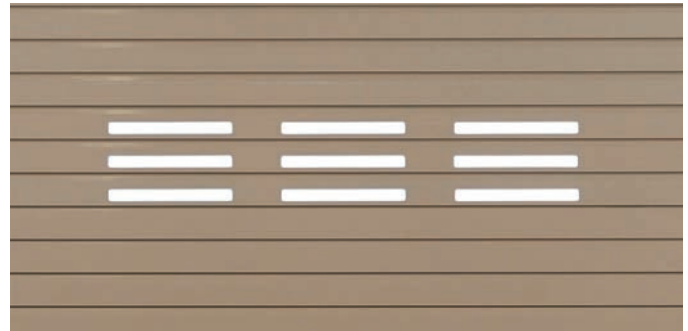
F-265i Slat



Fenestrated slat close-up view



Curved slat with 3" x 5/8" fenestration

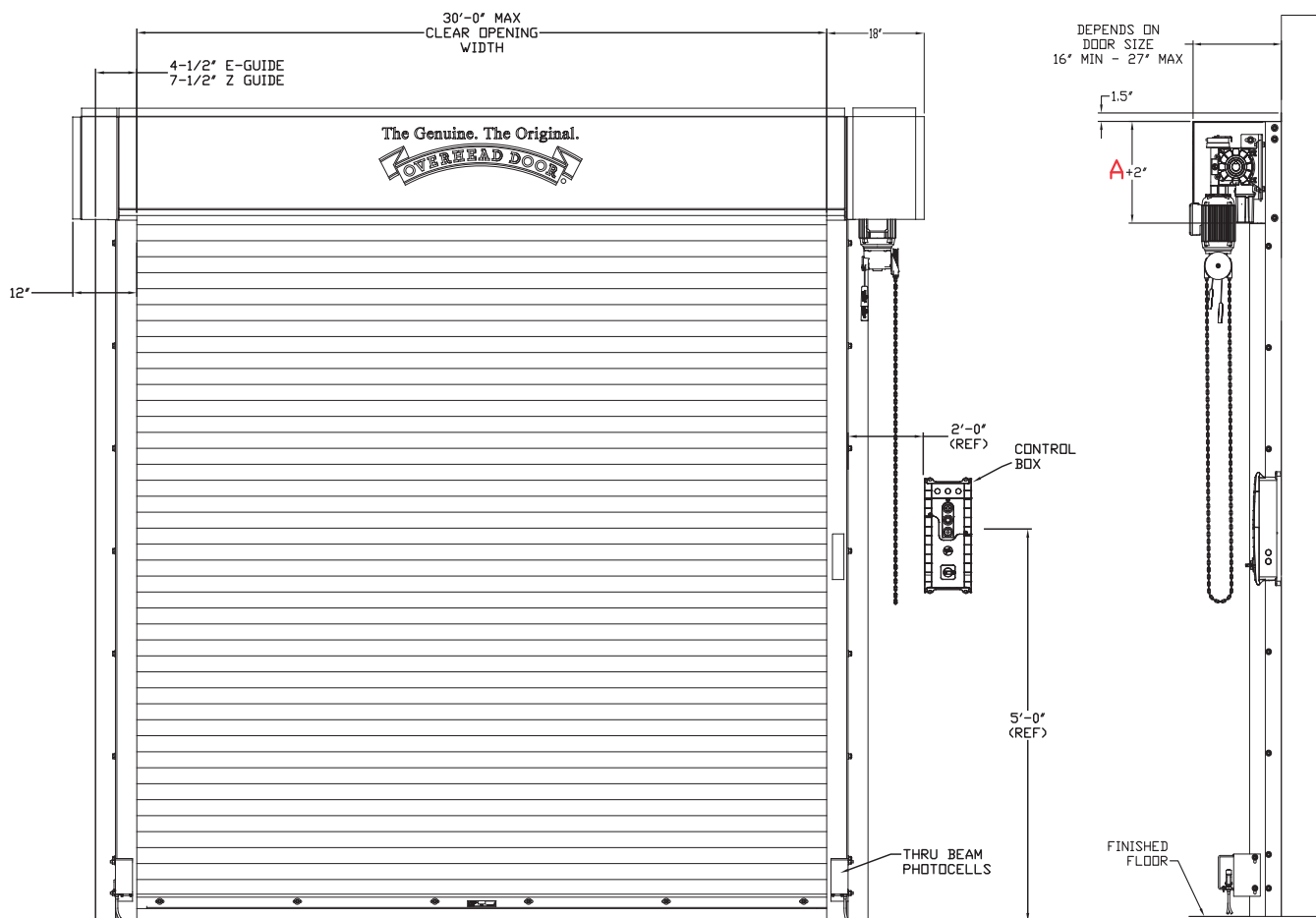


F265 with 10" x 1" fenestration



Face-of-wall mounted

EverServe™ doors mount flush against the wall instead of between the door jambs for maximum opening space and reduced door damage.



Dimension A by slat type

C-187 Slat		C-275 Slat		F-265 Slat		F-265i Slat	
Opening Height	A	Opening Height	A	Opening Height	A	Opening Height	A
Through 8'0"	14"	Through 5'0"	14"	Through 9'0"	16"	Through 7'0"	16"
Through 14'0"	16"	Through 10'0"	16"	Through 14'0"	18"	Through 11'0"	18"
Through 20'0"	18"	Through 15'0"	18"	Through 20'0"	20"	Through 16'0"	20"
		Through 20'0"	20"			Through 20'0"	22"



Model 620S, Gray finish, sensing edge option pictured



Architect's Corner

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


overheaddoor.com


The original, innovative choice for unequalled quality and service.

Overhead Door Corporation pioneered the sectional garage door industry, inventing the first sectional garage 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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