

ProStar™ Rolling Sheet Door Systems



| | | | |
|--------------|----------------------|--------|-------|
| Product Line | COMMERCIAL WIND LOAD | SERIES | 790CW |
| | COMMERCIAL DOOR | | 780CD |
| | SELF-STORAGE | | 770SS |



INDUSTRY LEADING
COMMERCIAL & INDUSTRIAL SOLUTIONS

When your project requires an attractive and solidly constructed rolling sheet door that is also easy on your budget, Overhead Door Corporation's rolling sheet doors are a perfect solution. These door systems incorporate innovative design elements that enable fast installation and ensure smooth operation for enhanced door life. Key features include quick-connect components that simplify installation without sacrificing strength. A single, through-hole universal guide can be installed quickly and easily in concrete, masonry, steel or wood — and it requires minimal sideroom. Stepped curtain rings further minimize headroom by ensuring a tight curtain wrap, and standard roller bearings eliminate steel-on-steel contact for quieter, easier operation and extended life. Available in a variety of colors and sizes to fit openings from 3' wide by 7' high to 20' wide by 16' high (914 mm by 2134 mm to 6096 mm by 4877 mm), these full-feature doors are an ideal choice when functionality is as important as value, quality and aesthetics.

GENERAL FEATURES & BENEFITS

Strong and Durable Construction for Improved Operation and Door Life

- High-strength galvanized steel curtain enhances strength and maximizes wind load performance
- Unique curtain profile facilitates smooth operation and minimizes curtain damage
- Stepped rings allow tight, uniform curtain wrap and minimize headroom requirements
- Abrasion resistant polypropylene rub strips along both guide edges and flexible PVC strips along both curtain edges improve door operation, minimize curtain nesting and scratching
- Bearings prevent steel-to-steel contact, improve door operation and increase door shaft life
- Extruded aluminum-reinforced bottom bar assembly enhances door strength and operation
- Bulb-type astragal ensures tight seal to floor
- Lock assemblies enhance door system security

Fast and Easy Installation

- Quick-connect headplate eliminates the need for multiple fasteners (available on 770SS only)
- Quick-connect bottom bar stops minimize fasteners and allow easy insertion of curtain into the guides
- Universal guide allows fastening in concrete, masonry, or wood jambs and fastening or welding to steel jambs
- Through-hole design reduces sideroom requirements
- Non-handed chain hoist (780CD and 790CW) with quick-connect features simplifies and speeds installation on site

Special Design Features for Wind load Applications (790CW Series)

- Heavy-duty guide allows rolling sheet door system to meet stringent wind load specifications
- Curtain wind locks reinforce curtain and enhance wind loading performance and smooth operation

Broad Size Ranges and Color Options

- Commercial door sizes to 20' wide by 16' high (6096 mm by 4877 mm)
- Self-storage door sizes from 3' wide by 7' high (914 mm by 2134 mm) up to 10' wide by 10' high (3048 mm by 3048 mm)
- Spectrum of curtain colors:

| | | | |
|---|----------------|---|---------------|
|  | White |  | Glossy white |
|  | Royal blue |  | Polar blue |
|  | Forest green |  | Desert tan |
|  | Dark teal |  | Teal |
|  | Walnut brown |  | Bronze |
|  | Harvest orange |  | Autumn orange |
|  | Garnet red | | |

- Special colors available upon request. See distributor for pricing and full details.



Standard Features At a Glance

| | |
|--------------------------------|---|
| Max. standard width | 20' (6096 mm) |
| Max. standard height | 16' (4877 mm) |
| Curtain | 26-gauge, roll-formed galvanized steel sections interlocked and seamed to form full door height with curtain wind locks |
| Curtain material | High strength steel |
| Curtain rub strips | PVC on both front edges |
| Counterbalance assembly | 12" (305 mm), steel stepped rings to minimize headroom and enhance door operation |
| Wind loading | Integrated curtain wind locks and guide to withstand wind loading to minimum design pressures of 22/-22 psf (107/-107 kgf/sq m) |
| Universal guides | 14-gauge, roll-formed galvanized steel with pre-punched through-hole design for mounting to concrete, masonry, steel or wood jambs |
| Headplate | 11-gauge steel |
| Bottom bar | Extruded aluminum reinforced with steel, roll-formed angles |
| Quick-connect bottom bar stops | 12-gauge galvanized steel |
| Bottom seal | Bulb-type, astragal seal |
| Guide rub strips | Polypropylene on both edges |
| Standard springs | 3 3/8" (86 mm) torsion springs |
| Operation | Manual or non-handed reduced drive chain hoist (depending on door size) with quick-connect components |
| Lock | Dual slide-bolt locks on bottom bar |
| Exterior/Interior Finish | Paint finish in choice of 14 standard colors*: white, glossy white, garnet red, royal blue, polar blue, forest green, desert tan, dark teal, teal, walnut brown, bronze, autumn orange and harvest orange |

*Ask your Overhead Door Distributor for a color sample chart.

Options

- Electric operator (Model RMX®)
- Chain hoist with reduced drive, non-handed quick-connect components (standard on some 790CW doors, depending upon size)
- Curtain lock; two-bolt, double shackle lock or cylinder lock
- Jamb extension brackets for steel/wood jambs
- Header draft seal

When your project requires a door that can handle high wind load conditions, yet is attractive, versatile, and economical, the 790CW fits the job. This rolling sheet door withstands minimum wind loads to 22/-22 psf (107/-107 kgf/sq m), fits openings up to 20' by 16' (6096 mm by 4877 mm), and is available in 14 standard colors. Fabricated of high strength steel 26-gauge galvanized curtain sections with 14-gauge universal guides, and steel bottom bar angle, the 790CW is a strong and durable door. With quick-connect components, universal through-hole guide design, and unique curtain profile and stepped counterbalance rings that minimize nesting, the 790CW is designed for fast installation, smooth operation and low maintenance, too.



Commercial Rolling Sheet Door

SERIES 780CD

Standard Features At a Glance

| | |
|--------------------------------|---|
| Max. standard width | 16' (4877 mm) |
| Max. standard height | 16' (4877 mm) |
| Curtain | 26-gauge, roll-formed galvanized steel sections interlocked and seamed to form full door height |
| Curtain material | High strength steel |
| Curtain rub strips | PVC on both front edges |
| Counterbalance assembly | 12" (305 mm), steel stepped rings to minimize headroom and enhance door operation |
| Universal guides | 18-gauge, roll-formed galvanized steel with pre-punched through-hole design for mounting to concrete, masonry, steel or wood jambs |
| Headplate | 11-gauge steel |
| Bottom bar | Extruded aluminum reinforced with steel, roll-formed angles |
| Quick-connect bottom bar stops | 12-gauge galvanized steel |
| Bottom seal | Bulb-type, astragal seal |
| Guide rub strips | Polypropylene on both edges |
| Standard springs | 3 3/8" (86 mm) torsion springs |
| Operation | Manual or non-handed reduced drive chain hoist (depending on door size) with quick-connect components |
| Lock | Dual slide-bolt locks on bottom bar |
| Exterior/Interior Finish | Paint finish in choice of 14 standard colors*: white, glossy white, garnet red, royal blue, polar blue, forest green, desert tan, dark teal, teal, walnut brown, bronze, autumn orange and harvest orange |

**Ask your Overhead Door Distributor for a color sample chart.*

Options

- Electric operator (Model RMX®)
- Chain hoist with reduced drive, non-handed quick-connect components (standard on some 780CD doors, depending upon size)
- Curtain lock; two-bolt, double shackle lock or cylinder lock
- Jamb extension brackets for steel/wood jambs
- Header draft seal

The 780CD rolling sheet door is designed to fit openings up to 16' by 16' (4877 mm by 4877 mm) with ease, versatility, and good looks. The 780CD is designed for medium-duty usage environments where a high wind load-rated door is not required. Like the 790CW, this heavy-duty door is fabricated of 26-gauge galvanized curtain sections with high strength steel for superior strength.

It also features Overhead Door Corporation's innovative quick-connect components that allow quick and easy assembly without sacrificing stability or durability. Stepped counterbalance rings and a unique curtain profile minimize nesting. The universal guide design further simplifies installation by allowing mounting directly to concrete, masonry, steel or wood jambs. Additional standard features — such as dual rub strips on both edges of guide and a PVC strip on both front edges of the curtain to minimize nesting — ensure that the 780CD will provide long-lasting, lower-cost performance for years to come.





Standard Features At a Glance

| | |
|--------------------------------|---|
| Max. standard width | 10' (3048 mm) |
| Max. standard height | 10' (3048 mm) |
| Curtain | 26-gauge, roll-formed galvanized steel sections interlocked and seamed to form full door height |
| Curtain material | High strength steel |
| Curtain rub strips | PVC on both front edges |
| Counterbalance assembly | 9" (229 mm), steel stepped rings to minimize headroom and enhance door operation |
| Universal guides | 18-gauge, roll-formed galvanized steel with pre-punched through-hole design for mounting to concrete, masonry, steel or wood jambs |
| Quick-connect Headplate | 14-gauge steel, quick-connect design with roller bearings |
| Bottom bar | Extruded aluminum reinforced with steel, roll-formed angles |
| Quick-connect bottom bar stops | 14-gauge galvanized steel |
| Bottom seal | Bulb-type, astragal seal |
| Guide rub strips | Polypropylene on both edges |
| Standard springs | 3 3/8" (86 mm) torsion springs |
| Operation | Manual push up center handle with side step plate, and center rope attached to bottom bar |
| Lock | Right-side, two-bolt, yellow Di-Chromate Super Seal curtain lock |
| Exterior/Interior Finish | Paint finish in choice of 14 standard colors*: white, glossy white, garnet red, royal blue, polar blue, forest green, desert tan, dark teal, teal, walnut brown, bronze, autumn orange and harvest orange |

*Ask your Overhead Door Distributor for a color sample chart.


Options

- Left-side lock and step plate
- Header draft seal
- Wind loading: Integrated curtain wind locks and guide to withstand wind loading to minimum design pressures of 36/-36 psf (175/-175 kgf/sq m)


The 770SS Series is ideal for lighter-duty self-storage facilities that require a quality door that installs quickly, operates dependably, and requires minimal maintenance. This rolling sheet door withstands minimum wind loads to 36/-36 psf (175/-175 kgf/sq m). Like the other doors of our rolling sheet door line, this 26-gauge door features quick-connect components that simplify and speed installation while ensuring door sturdiness. Stepped counterbalance rings and a unique curtain profile ensure a tight curtain wrap resulting in a smooth operating door and minimal nesting. A host of other standard features — including roller bearings and dual rub strips on both guide edges and both front edges of the curtain further promote smooth operation and longer life. Available in 14 standard colors, the 770SS represents a good choice and a good value.



Rolling Counter Doors Selection Chart

| <div>Rolling Sheet Doors</div> <div>  <div>SERIES</div> </div> | | GENERAL | | | | | | | | |
|---|--------------|------------------------|-------------------------|------------------|---------------------------------------|--------------------------------|---|-----------------|---|--|
| | | Maximum Standard Width | Maximum Standard Height | 26-Guage Curtain | Curtain Rub Strips (Both Front Edges) | High Strength Curtain Material | 22/-22 psf Minimum Wind Load Design/pressure rating | Universal Guide | Polypropylene Guide Rub Strips (Both Edges) | |
| Commercial Wind Load Door | 790CW | 20' (6096 mm) | 16' (4877 mm) | S | S | S | S | 14-Gauge | S | |
| Commercial Door | 780CD | 16' (4877 mm) | 16' (4877 mm) | S | S | S | N/A | 18-Gauge | S | |
| Self-Storage Door | 770SS | 10' (3048 mm) | 10' (3048 mm) | S | S | S | O | 18-Gauge | S | |

O = Optional S = Standard N/A = Not Applicable * = Standard on larger doors as shown on price grids. Contact your Overhead Door distributor for more details.

| <div>Rolling Sheet Doors</div> <div>  <div>SERIES</div> </div> | | HEADROOM AND SIDEROOM REQUIREMENTS | |
|--|--------------|--|-------------------------------|
| | | Headroom Requirements | Sideroom Requirements |
| | | | Manual Push-up Chain Hoist |
| Commercial Wind Load Door | 790CW | Minimum 17" (432 mm) Maximum 23" (584 mm) | 6" (152 mm) 10" (254 mm) |
| Commercial Door | 780CD | Minimum 17" (432 mm) Maximum 22" (559 mm) | 6" (152 mm) 10" (254 mm) |
| Self-Storage Door | 770SS | 13" (330 mm) | 3 1/2" (89 mm) N/A |

WIND LOAD RATINGS

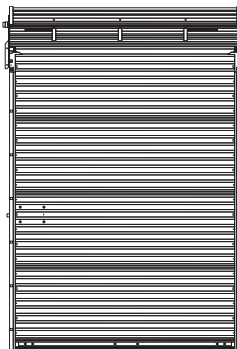
770SS Optional Design Pressure Rating (psf)

| Opening Width (ft) | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Pressure | 36/-36 | 36/-36 | 36/-36 | 36/-36 | 36/-36 | 36/-36 | 36/-36 | 36/-36 | |

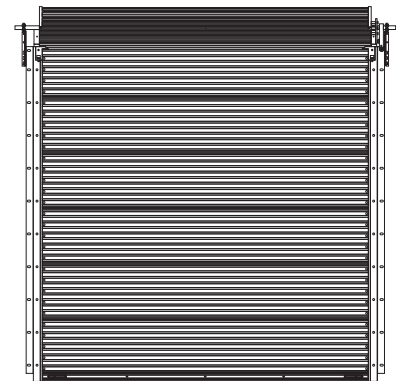
790CW Standard Design Pressure Rating (psf)

| Opening Width (ft) | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pressure (Design/Test) | 41/-41 | 41/-41 | 41/-41 | 41/-41 | 41/-41 | 36/-36 | 36/-36 | 31/-31 | 31/-31 | 26/-26 | 26/-26 | 22/-22 | 22/-22 |

Note: Opening widths shown are up to and including the dimension shown.



770SS



780CD

Information subject to change. Please contact your local Overhead Door distributor for special applications or if your application is not listed.



STANDARD SPECIFICATIONS


| Mounting Options | | | | | | | | | Operation | |
|------------------|---------|------|-------|------------------------------|---|---|--------------------|--------------------|-----------|-------------|
| Concrete | Masonry | Wood | Steel | Extruded Aluminum Bottom Bar | 12-Gauge Quick-Connect Bottom Bar Stops | 14-Gauge Quick-Connect Bottom Bar Stops | 11-Gauge Headplate | 14-Gauge Headplate | Manual | Chain Hoist |
| S | S | S | S | S | S | N/A | S | N/A | S | O* |
| S | S | S | S | S | S | N/A | S | N/A | S | O* |
| S | S | S | S | S | N/A | S | N/A | S | S | N/A |

Rolling Sheet Doors



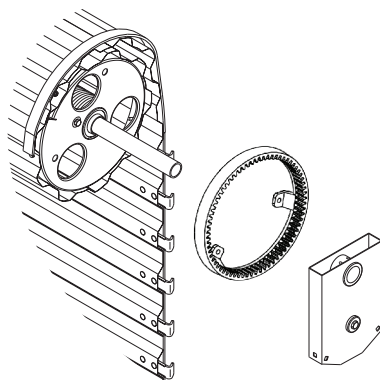
SERIES

OPTIONS

| <div></div> <div>SERIES</div> | | Electric Operator (Model RMX®) | Curtain Locking Mechanism | | | Roller Bearing | Header Panel | Header Draft Seal | Jamb Extension Brackets |
|---|-------|-----------------------------------|----------------------------|---------------------------|---------------------------|----------------|--------------|-------------------|----------------------------|
| | | | Right-Sided 2-Bolt Lock | Left-Sided 2-Bolt Lock | Bottom Bar Slide Locks | | | | |
| Commercial Wind Load Door | 790CW | O | O | O | S | S | N/A | O | O |
| Commercial Door | 780CD | O | O | O | S | S | N/A | O | O |
| Self-Storage Door | 770SS | N/A | S | O | O | S | O | O | N/A |

O = Optional S = Standard N/A = Not Applicable * = Standard on larger doors as shown on price grids. Contact your Overhead Door distributor for more details.

780CD/790CW



Headplate



Bottom Bar Lock



Stepped Ring with Roller Bearing

770SS



Quick-Connect Headplate



Curtain Lock



Headplate with Roller Bearing



Stepped Ring



Bottom Bar Stops

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 red Overhead Door Ribbon is a mark of quality that also reflects the pride we take in the people who support our products. Our family of over 450 Ribbon Distributors across the country not only share our name and logo, but also our commitment to excellence. Your Ribbon 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 Ribbon is your guarantee of genuine quality and turnkey service excellence.

Together with our Ribbon 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
- Sweet's Catalog for selection information about our products, and Sweet's CD and CD-CAD for convenient electronic product information, technical specifications, and details with CAD "cut-and-paste" capability
- 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 Ribbon 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.

To talk with the Overhead Door distributor nearest you, call 1-800-929-DOOR.

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INDUSTRY LEADING
COMMERCIAL & INDUSTRIAL SOLUTIONS

The Overhead Door Corporation family of quality commercial and industrial products includes:



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