

ProStar™ Rolling Sheet Door Systems



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



INDUSTRY LEADING
COMMERCIAL & INDUSTRIAL SOLUTIONS

An Economical Solution for Easy Operation and Long Life

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
 Garnet red	



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 and bronze.

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 and brown.

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 and bronze.


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

Rolling Sheet Doors										GENERAL	
 SERIES		Maximum Standard Width	Maximum Standard Height	26-Gauge 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.

Rolling Sheet Doors		HEADROOM AND SIDEROOM REQUIREMENTS			
 SERIES		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

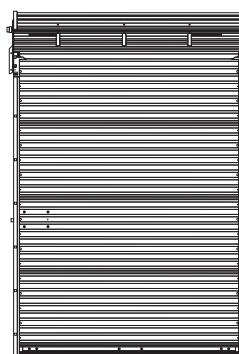
770SS Optional Design Pressure Rating (psf)

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	36/-36

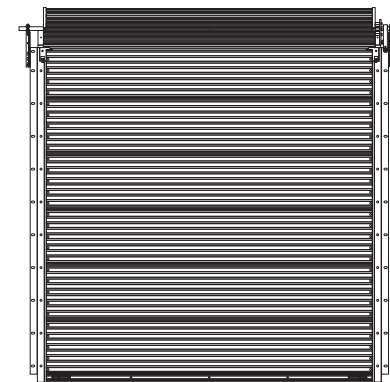
790CW Standard Design Pressure Rating (psf)

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

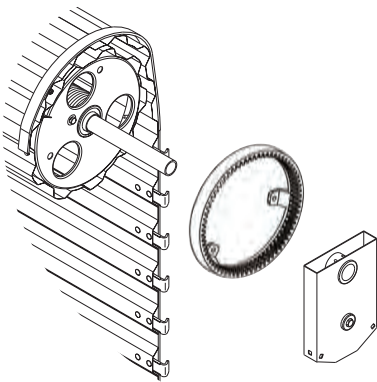
Mounting Options				Extruded Aluminum Bottom Bar	12-Gauge Quick-Connect Bottom Bar Stops	14-Gauge Quick-Connect Bottom Bar Stops	11-Gauge Headplate	14-Gauge Headplate	Operation	
Concrete	Masonry	Wood	Steel						Manual	Chain Hoist
S	S	S	S	S	S	N/A	S	N/A	S	O*
S	S	S	S	S	S	N/A	S	N/A	S	O*
S	S	S	S	S	N/A	S	N/A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

Rolling Sheet Doors		OPTIONS							
		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 Side Locks				
	SERIES								
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

770SS



Headplate



Quick-Connect Headplate



Stepped Ring



Bottom Bar Lock



Curtain Lock



Bottom Bar Stops



Stepped Ring with Roller Bearing



Headplate with Roller Bearing

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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