

# ROLL-UP SHEET DOORS - DS SERIES



Model DS-100

- » DS-350 COMMERCIAL WIND LOAD ROLL-UP DOOR
- » DS-200 COMMERCIAL ROLL-UP DOOR
- » DS-100 LIGHT COMMERCIAL ROLL-UP DOOR
- » DS-75 LIGHT COMMERCIAL MINI ROLL-UP DOOR
- » DS-50 LIGHT COMMERCIAL ROLL-UP COUNTER SHUTTER

# ROLL-UP SHEET DOORS - DS SERIES

Wayne Dalton's DS Series Roll-Up Sheet Doors are designed to be versatile, durable, and easy to operate.

## KEY STANDARD FEATURES

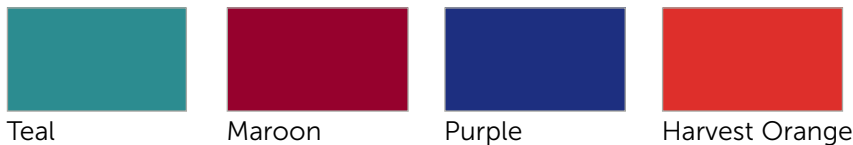
- Round or square panel profile continuous curtains constructed of 26-gauge, hot-dipped galvanized steel with a silicone polyester paint finish
- Automatic door stop prevents the curtain from rolling up past the header
- Heavy-duty steel axle supports door curtain and counterbalance system
- Oil-tempered steel springs are engineered to counterbalance the doors, providing for smooth, easy operation and cycle performance

## FINISH OPTIONS

20 year warranty against chalk and fade



10 year warranty against chalk and fade



Actual colors may vary from brochure due to fluctuations in the printing process. Always request a color sample from your dealer for accurate color matching.

\* White is also available in a Glossy White finish.

WIND LOAD RATING - 2009 AND PREVIOUS INTERNATIONAL BUILDING CODE				
Maximum Width	Panel Profile	Design Pressure	Equiv. Basic Wind Speed	
			EXP. B	EXP. C
10'0"	ROUND	± 37psf	150 mph	130 mph
16'0"		± 28psf	130 mph	110 mph
10'0"	SQUARE	± 44psf	160 mph	140 mph
12'0"		± 40psf	160 mph	130 mph
16'0"		± 34psf	150 mph	130 mph

Pressure/Speed conversions per DASMA TDS 155

WIND LOAD RATING - 2010 FLORIDA BUILDING CODE 2012 INTERNATIONAL BUILDING CODE				
Maximum Width	Panel Profile	Design Pressure	Equiv. Basic Wind Speed	
			EXP. B	EXP. C
10'0"	ROUND	± 37psf	190 mph	170 mph
16'0"		± 28psf	170 mph	140 mph
10'0"	SQUARE	± 44psf	200 mph	186 mph
12'0"		± 40psf	200 mph	175 mph
16'0"		± 34psf	190 mph	165 mph

Pressure/Speed conversions per DASMA TDS 155

# DS-350 COMMERCIAL WIND LOAD ROLL-UP DOOR



**DS-350 doors have Statewide Florida Product Approval for wind load protection up to 150 mph.**

## STANDARD FEATURES

- For Florida wind load approvals protection up to 150 mph; third-party tested for uniform static air pressure
- Cast windlocks are available as required by wind load rating
- Maximum width 16'; maximum height 16'
- Heavy-duty 13-gauge steel guides and 8-gauge steel wall angles provide maximum wind load protection
- Factory-installed polypropylene anti-wear strip and nylon strap on guide and curtain provide for quiet operation and less curtain wear
- Cam-action spring tensioning device allows easy adjustment of spring tension
- Extruded aluminum bottom bar with heavy-duty steel angle and replaceable bulb-type vinyl astragal
- Steel padlockable interior slide-bolts at each bottom corner secure the door

## OPTIONS

- Sliding curtain lock for securing the door from the exterior
- Direct-drive chain hoist for door sizes up to 12'x12'
- 4:1 reduce-drive chain hoist available for door sizes up to 12'1" x 16'0"
- Electric operator kit adapts any door to motorized operation
- Steel mounting plates provide lateral extension of jambs
- Door insulation featuring two layers of aluminum mylar film laminated to two layers of heavy-duty polyethylene air-bubble material provides R-value\* of 4. Includes flexible vinyl top and side draft stops acting as weather seals to control heat gain or loss

\*Wayne Dalton uses a calculated R-value for our insulated doors.

# DS-200 COMMERCIAL ROLL-UP DOOR



**Loading docks, outbuildings and large storage facilities are typical uses for the attractive appearance, sturdy construction, generous dimensions and long service life of DS-200 doors.**

## STANDARD FEATURES

- Maximum width 16'; maximum height 16'
- 14-gauge steel 2" wide guides
- Factory-installed polypropylene anti-wear strip and nylon strap on guide and curtain provide for quiet operation and less curtain wear
- Cam-action spring tensioning device allows easy adjustment of spring tension
- Extruded aluminum bottom bar with heavy-duty steel angle and replaceable bulb-type vinyl astragal
- Steel padlockable interior slide-bolts at each bottom corner secure the door

## OPTIONS

- Sliding curtain lock for securing the door from the exterior
- Direct-drive chain hoist for door sizes up to 12'x12'
- 4:1 reduce-drive chain hoist available for door sizes up to 12'1" x 16'0"
- Electric operator kit adapts any door to motorized operation
- Steel mounting plates provide lateral extension of jambs
- Vision lites available on uninsulated doors allowing for visibility through door
- Door insulation featuring two layers of aluminum mylar film laminated to two layers of heavy-duty polyethylene air-bubble material provides R-value\* of 4. Includes flexible vinyl top and side draft stops acting as weather seals to control heat gain or loss

\*Wayne Dalton uses a calculated R-value for our insulated doors

# DS-100 LIGHT COMMERCIAL ROLL-UP DOOR



**Mini storage buildings, loading docks and service buildings benefit from the versatility, sturdy construction, easy operation and long service life of DS-100 doors.**

## **STANDARD FEATURES**

- Maximum width 10'; maximum height 10'
- 18-gauge steel 2" wide guides
- Factory-installed polypropylene anti-wear strip on guide provides for quiet operation and less wear
- Tension-Pro adjustable spring device allows for adjustment of spring tension
- Extruded aluminum bottom bar with heavy-duty steel angle and replaceable bulb-type vinyl astragal
- Steel padlockable interior slide-bolts at each bottom corner secure the door

## **OPTIONS**

- Rust-resistant mini curtain lock allows access from outside; designed for owner and tenant security
- Door insulation featuring two layers of aluminum mylar film laminated to two layers of heavy-duty polyethylene air-bubble material provides R-value\* of 4. Includes flexible vinyl top and side draft stops acting as weather seals to control heat gain or loss
- Wind load option of up to  $\pm 34$  psf on doors 10' maximum in width

\*Wayne Dalton uses a calculated R-value for our insulated doors.

# DS-75 LIGHT COMMERCIAL MINI ROLL-UP DOOR



**Both owners and tenants of mini storage buildings benefit from the sturdy construction, easy operation and long service life built into DS-75 doors. Installation to masonry, steel or wood jambs is quick and simple—no special preparation, no overhead tracks.**

## STANDARD FEATURES

- Maximum width 10'; maximum height 10'
- 18-gauge steel 2" wide guides
- Factory-installed polypropylene anti-wear strip on guide provides for quiet operation and less wear
- Tension-Pro adjustable spring device allows for adjustment of spring tension
- Roll-formed galvanized steel bottom bar with heavy-duty steel angle and replaceable blade-type vinyl astragal
- Exterior mounted curtain locking assembly accepts padlocks or cylinder locks for owner/tenant security  
Includes lock-out feature

## OPTIONS

- Door insulation featuring two layers of aluminum mylar film laminated to two layers of heavy-duty polyethylene air-bubble material provides R-value\* of 4. Includes flexible vinyl top and side draft stops acting as weather seals to control heat gain or loss
- Wind load option of up to  $\pm 34$  psf on doors 10' maximum in width

\*Wayne Dalton uses a calculated R-value for our insulated doors.

# DS-50 LIGHT COMMERCIAL ROLL-UP COUNTER SHUTTER



**Our attractive counter shutters harmonize with virtually any building decor while protecting property from unauthorized entry.**

## **STANDARD FEATURES**

- Maximum width 12'; maximum height 6'
- Extruded aluminum, 2" wide guides
- Factory-installed polypropylene anti-wear strip on guide provides for quiet operation and less wear
- Tension-Pro adjustable spring device allows for adjustment of spring tension
- Extruded aluminum bottom bar with heavy-duty steel angle and replaceable bulb-type vinyl astragal
- Steel padlock-able interior slide-bolts at each bottom corner secure the door

## **OPTIONS**

- Rust-resistant mini curtain lock allows access from outside; designed for owner and tenant security

# ROLLING SHEET DOORS

MODEL	MAX WIDTH	MAX HEIGHT	LOCKING	STEEL GAUGE
DS-350	16'0" (4,877 mm)	16'0" (4,877 mm)	Curtain Lock, Two-Bolt Double Shackle Lock; or Cylinder Lock	26-Gauge Steel
DS-200	16'0" (4,877 mm)	16'0" (4,877 mm)	Slide Bolt or Curtain Lock	26-Gauge Steel
DS-100	10'0" (3,048 mm)	10'0" (3,048 mm)	Slide Bolt or Curtain Lock	26-Gauge Steel
DS-75	10'0" (3,048 mm)	10'0" (3,048 mm)	Curtain Lock	26-Gauge Steel
DS-50	12'0" (3,658 mm)	6'0" (1,829 mm)	Slide Bolt or Curtain Lock	26-Gauge Steel



Model DS-50



## Architect Resource Center

Visit [wayne-dalton.com/architect-resource-center](http://wayne-dalton.com/architect-resource-center) to find our Architect Resource Center. In this tool, you will quickly find all of the specifications, drawings and documents you need to complete your project.

**Wayne Dalton**  
COMMERCIAL DOORS

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