

Optional Features

Wicket Doors

offer alternative access to building for added convenience.



Electric operators

provide maximum convenience and effortless operation.

Fire retardant insulation

shields extreme temperatures and provides smooth, quiet operation.



Shaft drive hoist

offers economical alternative to manually operated doors.

General Specifications

Curtain:

Made from hot dipped galvanized steel roll formed into corrugated sheet, interlocked and seamed together to make continuous curtain for full height of door.

Polypropylene Wearstrip:

Of 1" (25.4 mm) width, stapled along both edges of the curtain, to act as a wearstrip and to prevent steel to steel contact with the curtain and guide allowing for longevity and quiet operation. The Model 551 has strips attached to exterior side of curtain only. Models 601 and 651 have strips attached to both exterior and interior sides of curtain.

Finish Coat:

Prior to roll forming, curtain is pretreated, then painted with a prime coat and a top coat of medium gloss, high temperature polyester paint. Choice of eighteen standard colors.

Bottom Bar:

Of extruded aluminum, reinforced with a steel angle and equipped with a vinyl, bulb type weatherstripping.

Counterbalance:

Springs to be factory lubricated helical wound torsion type made from oil tempered wire and factory calibrated to match site specifications.

Brackets:

Of structural steel angles and flat bar steel welded together, to form a solid triangular support bracket.

Guides:

Made of galvanized steel with polypropylene strip attached to inside edge, to act as a wearstrip and to prevent steel to steel contact between the curtain and guide allowing for longevity and quiet operation. The 551 is 18 gauge steel, 601 is 16 gauge steel, and the 651 is 14 gauge steel. (Polypropylene wearstrip not required on 651 guide.)

Operation:

Standard operation of doors as follows:

- Up to 10'0" (3048 mm) x 10'0" (3048 mm) by means of push up operation
- Over 10'0" (3048 mm) x 10'0" (3048 mm) by means of 4 to 1 reduction gear chain hoist drive.

UNIQUE FEATURES

BENEFITS

MODELS

551 601 651

UNIQUE FEATURES	BENEFITS	MODELS		
		551	601	651
Hot dipped galvanized steel	Offers a practical and low cost alternative to a slat-type door.	✓	✓	✓
Polyester prime coat, baked-on finish coat	Provides a durable and color-fast finish.	✓	✓	✓
Sealed steel bearings on all shaft assemblies	Provides maximum cycles of operation with limited maintenance and wear.	✓	✓	✓
15/16" (33.34 mm) Heavy duty shaft assembly on all sizes	Provides superior support over competitor's shaft which are of smaller diameter.	✓	✓	✓
Factory lubricated, torsion-type springs permanently attached before manufacture	Ensures proper spring stretch every time.	✓	✓	✓
Double slide locks on interior bottom bar	Makes the door suitable for pad-locking and provides additional security.	✓	✓	✓
Manual operation up to 100 square feet (9.3 m ²), chain hoist standard all other sizes	Provides ease of operation for a full range of sizes.	✓	✓	✓
Roll formed guides of hot dipped galvanized steel 18GA (551), 16GA (601), 14GA (651)	Makes the door suitable for mounting to wood, masonry, or steel jambs.	✓	✓	✓
Polypropylene wearstrip, exterior	Reduces friction and noise.	✓	✓	✓
Polypropylene wearstrip, interior	Provides maximum reduction of friction and noise.		✓	✓
10GA windlocks	Secures door against hurricane force winds.			✓



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visit our website at www.usdoor.com

Commercial & Industrial Sheet Roll-Up Doors



value



Performance

Model 551

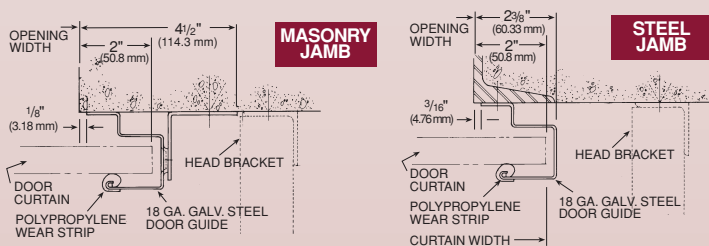
The Model 551 door is the economical choice for efficient, performance oriented roll-up doors with the same proven reliability as our other doors. The Model 551 is constructed of roll formed hot dipped galvanized steel, making it a practical, low cost alternative to slat type doors.

Available in eighteen pre-finished colors, like all our roll-up sheet doors, the Model 551 door features a polyester prime and finish coat to provide a long lasting, durable finish, eliminating the added expense of field painting. The Model 551 has an exterior polypropylene wearstrip to reduce friction and ensure smooth, quiet operation.



When cost is a major consideration, the Model 551 is the door of choice, designed economically without sacrificing performance, craftsmanship, or aesthetics. Available in sizes up to 168 square feet (16 m²), [maximum height 14' (4267 mm) and width of 12' (3658 mm)].

Guide Details



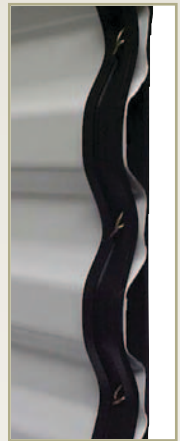
Models 551

DOOR HEIGHT	MINIMUM SIDEROOM	MINIMUM HEADROOM
Hand Operated - Pull Rope		
Up to 8'-0" High (2438.4 mm)	4.5" (114.30 mm)	16" (406.40 mm)
Up to 10'-0" High (3048.0 mm)	4.5" (114.30 mm)	17" (431.80 mm)
Chain Operated - Reduction Gear		
Up to 10'-0" High (3048.0 mm)	6.0" (152.40 mm)	17" (431.80 mm)
Up to 12'-0" High (3657.6 mm)	6.0" (152.40 mm)	18" (457.20 mm)

Model 601

The Model 601 door is the industry leader in commercial and industrial curtain doors. Engineered for frequent use and longevity, the Model 601 door features roll formed galvanized guides with a polypropylene wearstrip to reduce friction, noise, and to allow mounting to wood, masonry, or steel jambs. Interior and exterior doors get polyvinyl-chloride wearstrips which aid in reducing friction and noise, and contribute to the smooth operation of the Model 601.

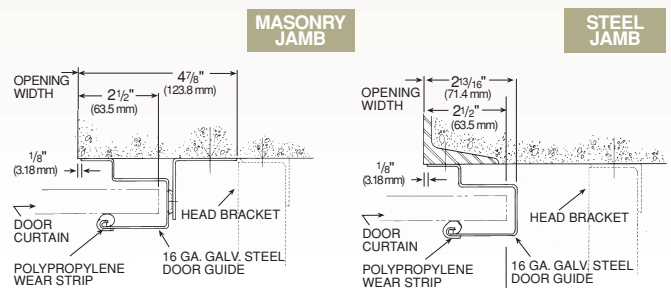
This model is designed to fit most standard openings and is available in sizes up to 16' (4877 mm) wide and 16' (4877 mm) high. The Model 601 door is a tremendous value, offering proven quality and dependability which is unsurpassed in the industry.



Model 601

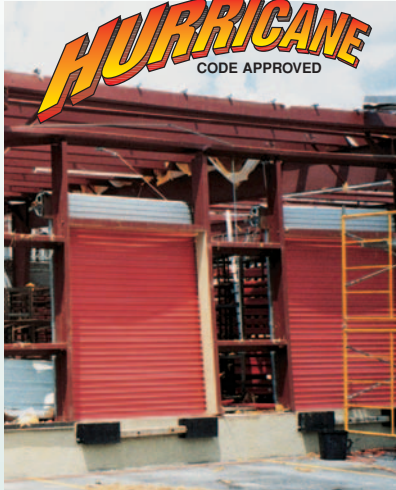
DOOR HEIGHT	MINIMUM SIDEROOM	MINIMUM HEADROOM
Hand Operated - Pull Rope		
Up to 8'-0" High (2438.4 mm)	5.25" (133.35 mm)	16" (406.40 mm)
Up to 10'-0" High (3048.0 mm)	5.25" (133.35 mm)	17" (431.80 mm)
Chain Operated - Reduction Gear		
Up to 8'-0" High (2438.4 mm)	6.5" (165.10 mm)	16" (406.40 mm)
Up to 10'-0" High (3048.0 mm)	6.5" (165.10 mm)	17" (431.80 mm)
Up to 12'-0" High (3657.6 mm)	6.5" (165.10 mm)	18" (457.20 mm)
Up to 14'-0" High (4267.2 mm)	6.5" (165.10 mm)	19" (482.60 mm)
Up to 16'-0" High (4876.8 mm)	6.5" (165.10 mm)	20" (508.0 mm)

Guide Details



Model 651

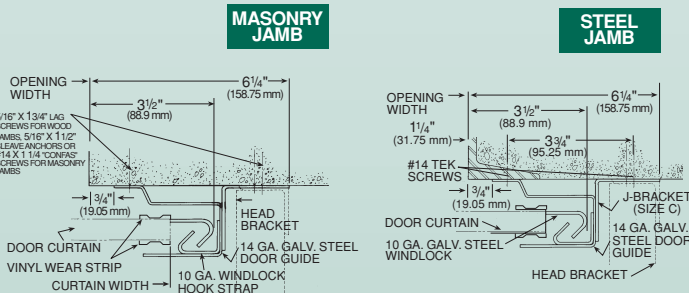
The Model 651 windlock doors are the undisputed leader for maximum security and protection from hurricane force winds. Engineered specifically to meet Metropolitan Dade County, Florida Building and Zoning Codes, Model 651 doors have been laboratory tested to withstand winds equivalent to 120 mph (193 km/hr). During Hurricane Andrew, the Model 651 doors proved to be unrivaled by winds that far exceeded even the strongest of building codes.



Featuring 10 gauge windlocks that are reinforced and fastened to the curtain, Model 651 doors offer unbeatable protection with uncompromising construction. Smooth operation, reliable performance, and nationwide distribution have made the Model 651 doors the industry choice for windload doors.



Guide Details



Models 651

DOOR HEIGHT	MINIMUM SIDEROOM	MINIMUM HEADROOM
Hand Operated - Pull Rope		
Up to 8'-0" High (2438.4 mm)	6.25" (158.75 mm)	22" (558.8 mm)
Up to 10'-0" High (3048.0 mm)	6.25" (158.75 mm)	22" (558.8 mm)
Chain Operated - Reduction Gear		
Up to 10'-0" High (3048.0 mm)	8" (203.2 mm)	22" (558.8 mm)
Up to 12'-0" High (3657.6 mm)	8" (203.2 mm)	23" (584.2 mm)
Up to 14'-0" High (4267.2 mm)	8" (203.2 mm)	24" (609.6 mm)
Up to 16'-0" High (4876.8 mm)	8" (203.2 mm)	24" (609.6 mm)

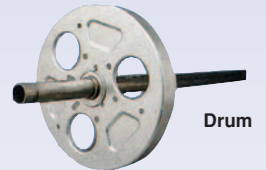
HURRICANE CODE APPROVED

Metropolitan Dade County, Florida Building & Zoning Department. Call US Door engineering for current acceptance number.

Common Features

The Models 551, 601, and 651 roll-up doors are economical alternatives to sectional doors in commercial, industrial, and institutional applications. Backed by a proven commitment to customer satisfaction, nationwide distribution, and over two decades of manufacturing experience, these doors offer long term dependability and peace of mind.

- Drum with ball bearing for ease of operation



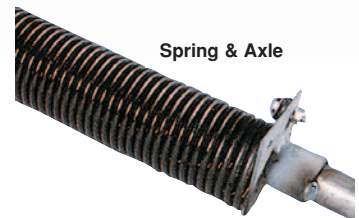
Drum

- Extended wall bracket for reduced drive chain hoist and ease of installation
- 4:1 chain hoist with positive chain movement for trouble free operation



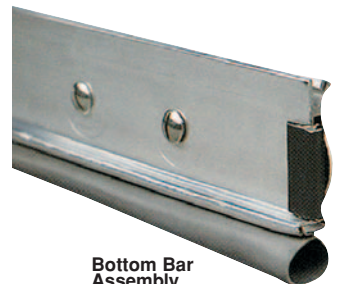
Chain Hoist

- Spring brackets welded for equal tension to eliminate jamming



Spring & Axle

- Bulb-type bottom weatherstrip for positive closure on any type of floor.
- Aluminum bottom bar reinforced with a galvanized steel angle, provides maximum strength and protection against nature's elements.



Bottom Bar Assembly