

**ASTA AMERICA 280 SERIES SELF-STORAGE DOOR** is designed and manufactured with durability, quick installation, and ease of maintenance in mind. Features standard to this door eliminate the need for extra options or upgrades.

#### OPTIONS

##### Insulation:

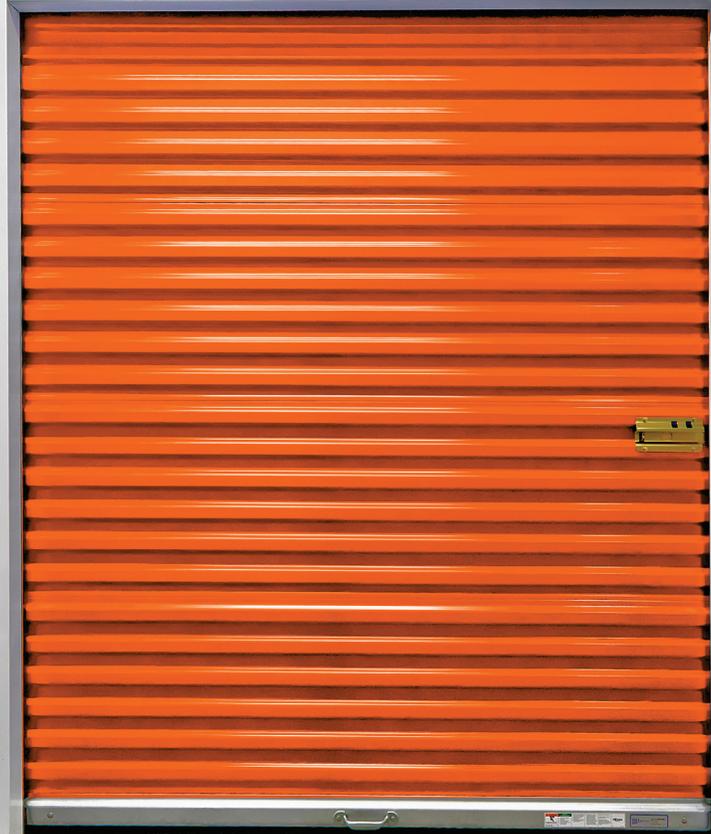
- Refer to Model 282 with mylar and polyethylene insulation laminated to backside of curtain.

##### Top & Side Draft Stop:

- To seal at the header and jambs (standard on Model 282).

##### Windlock:

- Refer to Model 283.



## FEATURES

**Pre-greased springs:** During production, both springs are pre-greased and enclosed in a helical spiral tube to protect them from the elements.

**Dead axle & torque tube assembly:** Offers durability and smoother operation as weight is distributed throughout the tube.

**Door stops:** Removable door stops prevent the curtain from over traveling the guide.

**Ratchet tensioning device with winding bar:** Allows you to simultaneously fine tune both springs due to the eight different positions on the tension wheel, which provides equal pull on the left and right sides of the door.

**Patented mini latch feature:** Made from heavy gauge yellow zinc coated steel or optional stainless steel with latch cover to protect from tampering.

# SELF-STORAGE 280 SERIES

281 (282 - INSULATED), 283 WINDLOAD CERTIFIED  
(284 INSULATED WINDLOAD CERTIFIED)

All **drums** are fitted with a grease filled, shielded radial ball bearing for a smoother operation and reduced friction and wear.

**Brackets** | Reinforced 16-gauge steel (12-gauge for doors over 9' wide or 8' tall).

**Springs** | Oil-tempered helical torsion springs are factory lubricated to minimize friction and corrosion while increasing the spring cycle life.

**Ratchet Spring Tensioner** | Assembly is factory installed on the end of the door axle and allows precise fine tuning of initial spring tension.

**Head Stops** | Prevent curtain over travel when raising the door.

**Locks** | Yellow Zinc coated hardened steel slide bolt attached to curtain exterior suitable for padlocking (padlock by others).

**Bottom Bar** | Roll formed clear acrylic coated galvanized steel reinforced with a 1-1/2" x 1-1/2" 14-gauge full width galvanized angle that extends fully into the guides. The PVC bulb astragal provides positive contact with floor.

**Felt Tape** | On back of curtain prevents nesting and reducing paint rubbing.

**Curtain** | 26-gauge galvanized and pre-painted with long lasting, Super Durable polyester paint that yields greater door strength and minimizes curtain damage.

For color options please visit our website or contact your local sales representative.

**Galvanized Guides** | Roll formed, 18-gauge galvanized guides are fitted with dual polyethylene wear strips to reduce friction and muffle door noises. All guide attachment to jamb is performed through the guides without the addition of clips welded to the back of the guide.

**Lift Handle(s) & Stop Clips** | Installed on exterior side of bottom bar and a non-rotting pull rope is attached to the inside angle.

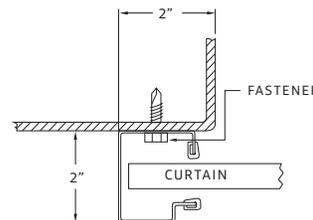
## WINDLOAD OPTION: MODEL 283

The ASTA AMERICA Model 283 certified wind load rated door is independently tested in accordance with ASTM-E330. The Series 283 meets the requirements of Standard Building Code, International Building Code and Florida Building Code. Available in sizes through 10'0" x 12'0".

Windload Approval for Florida (FL) or Texas (TDI)		
Opening Widths	Design Windload For Florida or Texas	
	Pos. PSF	Neg. PSF
Thru 3'0"	35.00	45.00
Over 3'0" thru 6'0"	19.9	24.40
Over 6'0" thru 8'8"	24.4	27.00
Over 8'8" thru 10'0"	19.4	22.70

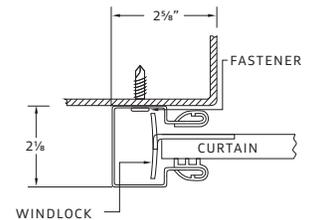
## STANDARD GUIDE DETAILS

18 Gauge Guide Mounting Detail



Model 281 - Non Windlock

16 Gauge Guide Mounting Detail



Model 283 - Windlock  
(for opening widths over 6'0" through 10'0")

ASTA AMERICA reserves the right to change engineering specs. without prior notice. Illustrations shown are for general reference and should be verified for construction purposes. Consult customer service for technical support.

2024/03