



ASTA Door Corporation



The Model 324 Commercial Rolling Slat Door

ASTA Door Model 324 (24 gauge) Commercial Rolling Slat Door is produced with the highest quality and durability in the industry. The Model 324 consist of 3" - 24 gauge slats with a flat or curved slat profile. The Model 324 has three finish options - White Topcoat, Prime Gray, or Galvanized. The Model 324 is available in sizes up to 16 x 16 or 20 x 12. Standard features include 8:1 reduction gear chain hoist, 12 or 13 gauge galvanized guides, and a structural steel bottom bar with weatherseal. The Model 324 is the perfect choice for commercial and industrial applications.

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Phone: 770-974-2600 • Fax: 770-974-1455 • Toll Free: 800-423-0659
website: www.astadoor.com • e-mail: info@astadoor.com



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Specifications:

Standard Features:

- Slats (1)** ... 24 gauge galvanized steel cold roll formed in continuous lengths. Galvanized according to A.S.T.M. A653-G90 and finished with baked epoxy primer and/or baked polyester topcoat.
- Endlocks (2)** ... Each end of alternate slats to be fitted with endlocks to provide a wearing surface in the guides and to maintain slat alignment. Fastened with 1/4" rivets.
- Bottom Bar (3)** ... Curtain to be reinforced with a bottom bar consisting of a 2" x 2" x 1/8" thick structural steel angle with E.P.D.M. astragal for doors up to 16' wide, otherwise 2" x 2" x 3/16" minimum thickness structural steel angle.
- Curtain Lock (4)** ... Hardened 8 gauge galvanized steel slide bolts attached to bottom angle suitable for padlocking (padlock by others).
- Drum Assembly (5)** ... Drum to be formed with 24 gauge galvanized steel sheet attached to 16 gauge galvanized steel drums to restrict deflection to .03" per foot of door width.
Springs to be tempered, grease packed helical torsion type mounted on 1 5/16" O.D. schedule 80 black steel pipe.
End Bearings to be self lubricating ball bearings.
- Guides (6)** ... To be roll formed 13 gauge galvanized steel channels up to 12' wide, otherwise 12 gauge galvanized steel channels.
- Operation (7)** ... 8:1 reduction gear chain hoist standard for all size.

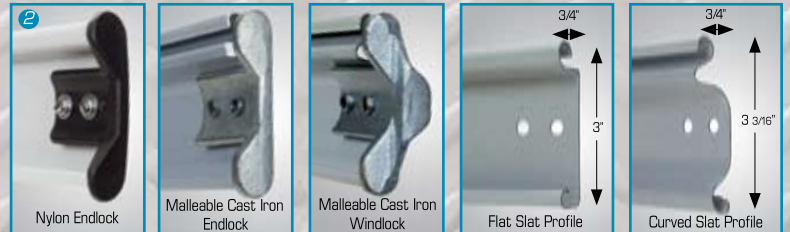
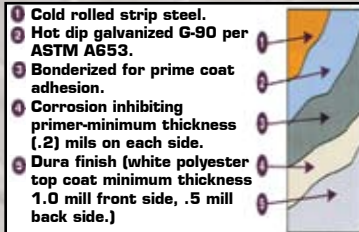


Options:

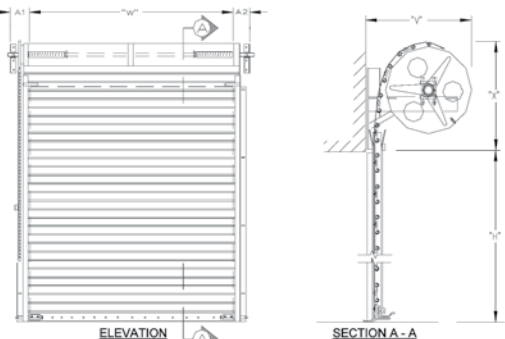
- **Steel Mounting Plates** - For lateral jamb extension to provide door support.
- **Electric Operation** - Easy, fast, motorized operation at a push of a button.
- **Top Draft Stop** - To seal tight at the header to reduce air filtration.
- **Guide Weatherseal** - One piece vinyl weather seal attached to door guide on the non-coil side (Brush seal with retainer available upon request).
- **Vision Panels** - 5" x 3/4" cutout spaced approximately 3" apart and covered with clear Lexan (Flat Slat Only).
- **Windload** - Available design to +40/-37 PSF up to 16' wide, tested to +60/55 PSF based on ASTM E-330 test method to meet Florida Building Code requirements.
+27.4/-25.3 PSF design for up to 20' wide also available.
- **Gauges** - For 22 gauge slat refer to **Model 322**.
For 20 gauge slat refer to **Model 320**.

Dura-Finish Paint Process

The ASTA process is designed to give a longer life, with less maintenance and much better protection against the elements such as weather and dust. Our method produces one of the best systems in our industry for a longer lasting and more maintenance free finish. Our system produces one of the thickest top coat finishes in our industry.



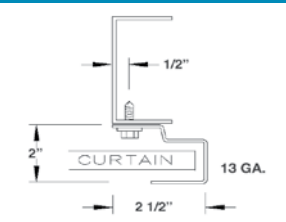
Clearance Requirements



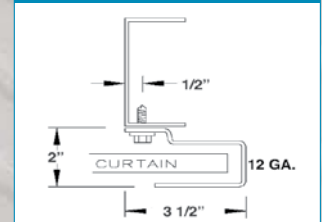
SIDEROOM REQUIREMENTS (CHOOSE TYPE OF OPERATION)			HEADROOM REQUIREMENTS (SEE ELEVATION)		
ROPE PULL	CHAIN HOIST	MOTOR OPERATION	HEIGHT	X	V
*A-1	6"	10"	UP TO 8'	20"	20"
*A-2	6"	6"	UP TO 16'	21"	21"
			OVER 16'	23"	23"

*NOTE: ALL DOORS GREATER THAN OR EQUAL TO 14' WIDE A-1 & A-2 = 7" MINIMUM
NOTE: UPGRADE TO STRUCTURAL STEEL GUIDES A-1 & A-2 = 7" MINIMUM
NOTE: ALL DIMENSIONS ON CHART BASED ON INSIDE FACING OUT

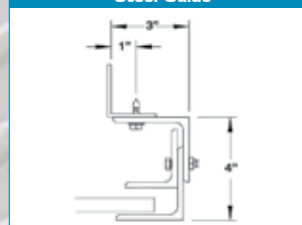
1 Piece Standard Guide



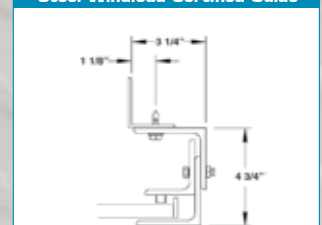
1 Piece Heavy Duty Guide



3 Piece 3/16" Structural Steel Guide



3 Piece 1/4" Structural Steel Windload Certified Guide



* ASTA Door Corporation reserves the right to change engineering specifications without prior notice. * Illustrations shown are for general reference and should be verified for construction purposes. * Consult customer service or visit our website for head room clearance requirements.