



Wayne-Dalton Model 926 – Medium Duty Rolling Steel Service Door

Wayne-Dalton Corporation's new Model 926 Medium Duty Rolling Steel Service Door provides an economical yet durable solution for Rolling Door needs, from self-storage to industrial applications. The Model 926 Rolling Steel Service door provides essential features and benefits at a lower price point.



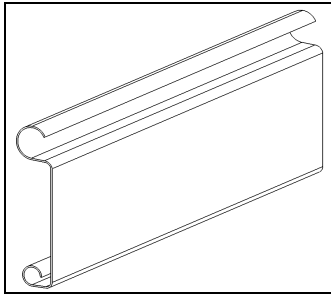
FEATURES & BENEFITS

- 26 Gauge #17 slats are 2" flat style profile, constructed of hot-dipped galvanized steel with polyester primer and baked on white polyester top coat paint finish.
- 20 PSF Windload is standard.
- Cast iron, zinc plated windlocks are utilized for windload performance and to prevent lateral slat movement.
- Roll-formed 1/8" thick steel channel guides ('G' guides) and 3/16" thick steel wall angles comprise the guide assembly.
- Counterbalance barrel assembly is made from 4" steel pipe and helical torsion springs designed for 20,000 cycles with cast iron spring fittings.
- Bottom bar assembly is constructed from galvanized steel, double angle design with bottom astragal.
- Sizes up to 12' wide and 12' tall

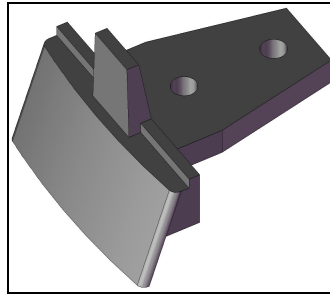
AVAILABLE OPTIONS

- Slide bolt locks
- Omit Hood
- Vinyl weatherseal for curtain, lintel brush, and rubber hood baffle
- Powder Coat Hood, Guides and Bottom Bar (to match curtain)
- Manual Chain Hoist
- Motor Operator
- Bottom Bar Sensing Edges

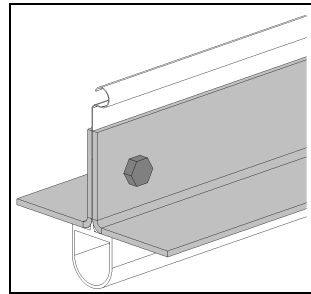
Model 926



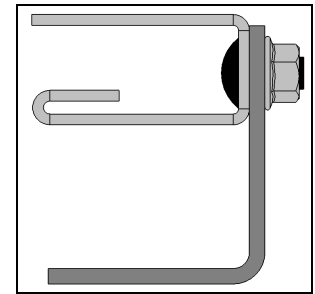
2" Flat Slat – Prepainted White



Zinc Plated Cast Iron Windlock



Steel Double Angle Bottom Bar



Steel Channel 'G' Guides

Specifications

PART I – GENERAL

1.01 Work Included

A. The opening will be equipped with Wayne-Dalton 926 Series rolling doors.

1.02 Related Work

A. Opening preparation, miscellaneous or structural metal work, access panels, finish or field painting, field electrical wiring, wire, conduit, fuses, and disconnect switches are in the Scope of Work of other divisions or trades.

1.03 Reference Standards

A. **ANSI/DASMA 203** – American National Standards Institute Specifications for non-rated fire rolling doors published by Door & Access Systems Manufacturers Association International.

B. **ASTM A123** – Zinc [hot-dipped galvanized] coatings on iron and steel products.

C. **ASTM A229** – Steel wire, oil-tempered for mechanical springs.

D. **ASTM A-653-94** – Steel sheet, zinc-coated [galvanized] by the hot-dipped process, commercial quality.

E. **ASTM E330** – Structural performance of exterior windows, curtain walls, and doors by uniform static air pressure difference.

1.04 Quality Assurance

A. Rolling doors and all accessories and components required for complete and secure installations shall be manufactured as a system from one manufacturer.

1.05 Systems Description

A. Rolling Door: Type:

Model 926

B. Mounting: [steel][wood][masonry] jambs

C. Operation: [manual push-up] [chain hoist] [motor] [motor with chain hoist]

D. Material: Galvanized steel with polyester finish paint.

1.06 Submittals

A. Shop Drawings: Clearly indicate the following:

1. Design and installation details to withstand standard windload.
2. All details required for complete operation and installation.
3. Hardware locations.
4. Type of metal and finish for door sections.
5. Finish for miscellaneous components and accessories.

B. Product Data: Indicating manufacturer's product data, and installation instructions.

1.07 Delivery, Handling, Storage

A. Deliver products in manufacturer's original containers, dry, undamaged, seals and labels intact.

B. Store and protect products in accordance with manufacturer's recommendations.

1.08 Warranty

A. Standard manufacturer's one year warranty against defects in material and workmanship.

PART II – PRODUCTS

2.01 Curtain

A. Curtain will be composed of interlocking 26 gauge galvanized steel slats, roll-formed per ASTM standards and designed to withstand a 20 PSF windload. Ends of alternate slats will be fitted with cast iron, zinc plated windlocks.

B. Bottom bar will consist of two equal steel angles, to stiffen curtain, with astragal. When required for additional security, provide slide bolts on the bottom bar.

2.02 Guides

A. Guides will be roll-formed 1/8" steel channel bolted to 3/16" wall angle.

2.03 Brackets

A. Brackets will be of 3/16" [1/4"] minimum thick steel plates, with permanently sealed ball bearings. Designed to enclose ends of coil and provide support for counterbalance pipe at each end.

2.04 Counterbalance

A. Curtain to be coiled on a pipe of sufficient size to carry door load with deflection not to exceed .033" per foot of door span and to be correctly balanced by helical springs, oil tempered torsion type. Cast iron barrel plugs will be used to anchor springs to tension shaft and pipe.

2.05 Hood

A. Hood (option to omit) will be minimum 24-gauge sheet metal, flanged at top for attachment to header and flanged at bottom to provide longitudinal stiffness. Hood will enclose curtain coil and counterbalance mechanism.

2.06 Finish

A. Shop coat of rust inhibitive primer on non-galvanized surfaces and operating mechanisms. Guides and bracket plates will be coated with a flat black prime paint. Curtain color will be white.

2.07 Operation

A. Door will be operated by means of [manual, lift-up][chain hoist with gear drive reduction] [motor operation]. Optional [electrical] [pneumatic] sensing edge to be attached to bottom bar to [stop and reverse] the door when it contacts an object during the closing cycle.

2.08 Weatherstripping

A. Standard vinyl bulb bottom seal. Optional vinyl weatherseal for guides, lintel brush seal, and rubber hood baffle.

2.09 Locking

A. [Manual lift-up doors will have interior slide-bolts suitable for padlocks by others.] [Chain-hoist door will have chain keepers suitable for padlocks by others.] [Electric-motor operation doors will lock through the operator gearing.]

Note: When specifying locks on electric-motor operated doors, electric interlocks should also be specified to prevent operation when lock bolts are engaged in the guides, thus preventing damage to the curtain and/or operator.

2.10 Windload

A. Windload – minimum 20 psf design engineered.

PART III – EXECUTION

3.01 Installation

A. General:

1. Install doors in accordance with manufacturer's instructions and standards. Installation shall be by an authorized Wayne-Dalton representative.

2. Verify that existing conditions are ready to receive rolling door work.

3. Beginning of rolling door work means acceptance of existing conditions.

B. Install door complete with necessary hardware, jamb and head mold strips, anchors, inserts, hangers, and equipment supports in accordance with final shop drawings, manufacturer's instructions, and as specified herein.

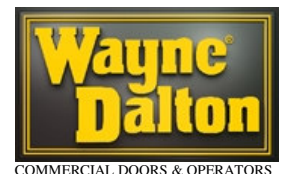
C. Fit, align and adjust rolling door assemblies level and plumb for smooth operation.

D. Upon completion of final installation, lubricate, test and adjust doors to operate easily, free from warp, twist or distortion and fitting for entire perimeter.

Note: Architect may consider providing a schedule when more than one rolling door or opening type is required.

For technical information, visit: www.wayne-dalton.com/commercial

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