



MODEL 800

ROLLING STEEL DOORS



WAYNE DALTON COMMERCIAL DOORS

Rolling service doors to meet your most demanding and rigorous applications

The Wayne Dalton Model 800 rolling service door is designed to meet the tough requirements of virtually any commercial or industrial application. The Model 800 offers flexibility in substrate materials with choices of galvanized or prime steel, stainless steel, or aluminum.

Color options range from our standard five factory finish colors to a full range of 197 RAL powder coat choices.

- ▶ SIZES UP TO 40' WIDE AND 40' HIGH
- ▶ MAX STEEL GAUGE = 16
- ▶ FLAT AND CURVED 3" SLATS AVAILABLE
- ▶ WIND LOAD UP TO 55 PSF



Standard Features Overview

CONSTRUCTION

| | |
|-----------------------|--|
| Max Width | 42' (12802 mm) |
| Max Height | 40' (12192 mm) |
| Mounting | Face mount; between jambs. |
| Operation: | Manual push-up, unless size requires chain hoist. |
| Curtain | 3" galvanized steel curved slats (#4 profile), primed gray, white, beige or brown; 22-gauge steel with alternating endlocks. |
| Locking | Chain holder, suitable for padlocking, on chain operated doors. |
| Bottom Bar | Galvanized steel double angle with weatherstrip. |
| Guides | Galvanized roll-formed steel channel; factory painted black. |
| Brackets | 1/4" steel plates with permanently sealed ball bearing, factory painted black. |
| Counterbalance | Steel pipe, factory painted black, of adequate size to restrict a maximum deflection of .033" per linear foot. Oil tempered, 20,000 cycle helical springs. |
| Hood | 24-gauge galvanized steel round hood; primed gray, white, beige or brown. |
| Wind Load | +/- 20 psf standard |
| WARRANTY | Twenty-four (24) month |

Options

- **Operation:** Crank (awning, wall), chain hoist, motor, through wall
- **Slat options:** 3" flat slat, perforated flat slat, 6" curved slat
- **Curtain options:** Steel, stainless steel, aluminum
- **Curtain finish:** G-90 galvanized bare or painted beige, gray, white or brown, stainless steel #4, aluminum anodized finishes, powdercoat (RAL and custom)
- **Locking:** Slide bolts, cylinder, Best lock, thumb turns
- **Bottom bar:** Stainless steel double angle, structural steel angle construction (galvanized steel only), extruded aluminum, sloped
- **Bottom edge:** Astragal, pneumatic or electric sensing edge
- **Hood:** 22-gauge hood option, square hood option
- **Spring:** Up to 200,000 cycle, options available dependent on door size and weight
- **Guides:** Structural three angle: galvanized steel, stainless; hot dipped galvanized (structural steel angle only)
- **Brackets finish:** Galvanized (hot dipped), stainless steel #4, powdercoat (RAL and custom)
- **Perimeter seals:** Angled guide brush seal, clip-on vinyl guide seal, exterior lintel weather seal, interior weather baffle
- **Wind load:** Minimum of +/- 20 PSF up to +/- 55 PSF; options available to meet up to Dade County – Florida Building Commission High Velocity Hurricane Zone (FBC HVHZ)
- **Other options:** Wind locks alternating or continuous with windbar, end covers, fascia, drop stop device, open fenestrations, vision lites, pass door

Popular in both interior and exterior applications, the Wayne Dalton Model 800 rolling service door features a galvanized, pre-painted curtain of minimum 22-gauge steel.

The Model 800 door has a standard wind load rating of 20 PSF. Optional wind load ratings of up to 55 PSF are available to cover FBC and Dade County wind load requirements.

Materials and Construction

Wayne Dalton’s Model 800 rolling doors are composed of curved or flat-faced slats that provide a natural water-shed, helping to reduce corrosion.

The slats are designed with free-acting interlocking joints that permit easy articulation when the door coils.

Model 800 features a strong double-angle bottom bar that reinforces the lower edge of the curtain against wind pressure and permits varied lock, astragal, and safety edge options. This bottom bar is designed for easy installation and does not require fasteners protruding into the guide openings, so the bottom bar does not interfere with door operation. Bottom bar finishes are available in primed black finish, stainless steel #4, powdercoat (RAL and custom); hot dipped galvanized (double angle only), mill, clear or bronze anodized aluminum.

Color Options



White



Gray



Beige



Brown

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

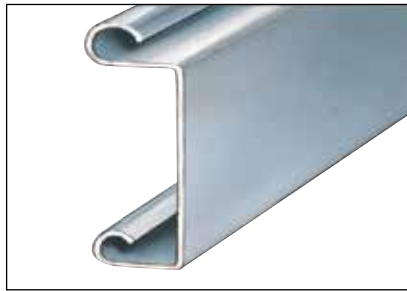
MODEL 800



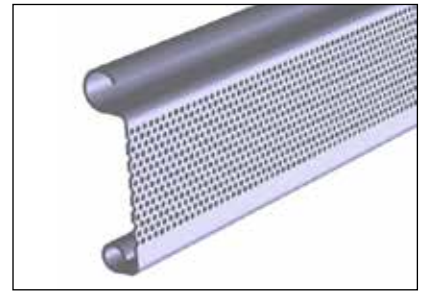
Slat Profiles



No. 4 — Curved-faced single crown slat available in up to 16-gauge steel, up to 18-gauge stainless steel, or up to 14-gauge B&S aluminum. Depth of crown: 7/8", 25/8" on centers.



No. 14 — Flat-faced slat available in up to 16-gauge steel, up to 18-gauge stainless steel, or up to 14-gauge B&S aluminum. Depth of crown: 3/4", 27/16" on centers.



Secur-Vent® — Perforated slat provides optimal security and ventilation. Slat consists of 1/16" diameter holes offering 20-25% open area over length of each slat. Available in No. 14 flat slat up to 22' wide x 20' high (available in 20-gauge steel only).



No. 4 slat



No. 14 slat, shown with a Pass Door



Secur-Vent®

Model 800 (Face Mounted)

| Width A | HEIGHT B (OPENING HEIGHT) | | | | | | | | | | | |
|---------------------------------------|---------------------------|-----------|----|--------------|-----------|----|--------------|-----------|----|--------------|-----------|----|
| | 9'0" | | | TO 14'0" | | | TO 18'0" | | | TO 18'0" | | |
| | BRACKET SIZE | SIDE ROOM | | BRACKET SIZE | SIDE ROOM | | BRACKET SIZE | SIDE ROOM | | BRACKET SIZE | SIDE ROOM | |
| | X & Y | R | L | X & Y | R | L | X & Y | R | L | X & Y | R | L |
| CHAIN HOIST OPERATED | | | | | | | | | | | | |
| TO 20'0" | 18-1/2" | 8" | 6" | 22" | 8" | 6" | 24" | 8" | 6" | 26" | 8" | 6" |
| 20'0" TO 25'0" | 18-1/2" | 8" | 6" | 22" | 8" | 6" | 24" | 8" | 6" | 26" | 8" | 6" |
| 25'0" TO 28'0" | 18-1/2" | 8" | 6" | 22" | 8" | 6" | 24" | 8" | 6" | 26" | 8" | 6" |
| MOTOR OPERATED | | | | | | | | | | | | |
| TO 20'0" | 20" | 8" | 6" | 22" | 8" | 6" | 24" | 8" | 6" | 26" | 8" | 6" |
| 20'0" TO 25'0" | 20" | 8" | 6" | 22" | 8" | 6" | 24" | 8" | 6" | 26" | 8" | 6" |
| 25'0" TO 28'0" | 20" | 8" | 6" | 22" | 8" | 6" | 24" | 8" | 6" | 26" | 8" | 6" |
| CRANK OPERATED-CONSULT FACTORY | | | | | | | | | | | | |

Model 800 (Between Jambs, Under Lintel)

| Width A | HEIGHT B (OPENING HEIGHT) | | | | | | | | | | | |
|---------------------------------------|---------------------------|-----------|---------|--------------|-----------|---------|--------------|-----------|---------|--------------|-----------|---------|
| | 9'0" | | | TO 14'0" | | | TO 18'0" | | | TO 18'0" | | |
| | BRACKET SIZE | SIDE ROOM | | BRACKET SIZE | SIDE ROOM | | BRACKET SIZE | SIDE ROOM | | BRACKET SIZE | SIDE ROOM | |
| | X & Y | R | L | X & Y | R | L | X & Y | R | L | X & Y | R | L |
| CHAIN HOIST OPERATED | | | | | | | | | | | | |
| TO 20'0" | 18-1/2" | 9-1/16" | 7-1/16" | 22" | 9-1/16" | 7-1/16" | 24" | 9-1/16" | 7-1/16" | 26" | 9-1/16" | 7-1/16" |
| 20'0" TO 25'0" | 18-1/2" | 9-1/16" | 7-1/16" | 22" | 9-1/16" | 7-1/16" | 24" | 9-1/16" | 7-1/16" | 26" | 9-1/16" | 7-1/16" |
| 25'0" TO 28'0" | 18-1/2" | 9-1/16" | 7-1/16" | 22" | 9-1/16" | 7-1/16" | 24" | 9-1/16" | 7-1/16" | 26" | 9-1/16" | 7-1/16" |
| MOTOR OPERATED | | | | | | | | | | | | |
| TO 20'0" | 20" | 9-1/16" | 7-1/16" | 22" | 9-1/16" | 7-1/16" | 24" | 9-1/16" | 7-1/16" | 26" | 9-1/16" | 7-1/16" |
| 20'0" TO 25'0" | 20" | 9-1/16" | 7-1/16" | 22" | 9-1/16" | 7-1/16" | 24" | 9-1/16" | 7-1/16" | 26" | 9-1/16" | 7-1/16" |
| 25'0" TO 28'0" | 20" | 9-1/16" | 7-1/16" | 22" | 9-1/16" | 7-1/16" | 24" | 9-1/16" | 7-1/16" | 26" | 9-1/16" | 7-1/16" |
| CRANK OPERATED-CONSULT FACTORY | | | | | | | | | | | | |

NOTE: Dimensions are for general reference only and not for construction purposes.

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