

MODELS 800 ADV/800C ADV

ADVANCED ROLLING DOOR SYSTEM



Model 800 ADV, Gray finish

HIGH TRAFFIC SOLUTION WITH LASTING DURABILITY

In today's marketplace, security and low maintenance are key to business survival in an increasingly competitive environment.

To assist your business in driving these key initiatives, Wayne Dalton provides an advanced performance solution as an option to create a high performance environment.

- » RATED FOR DESIGN PRESSURE OF +/- 20 PSF
- » 3X FASTER THAN A STANDARD ROLLING STEEL DOOR
- » OPENING SPEED OF 24"/SEC, CLOSING SPEED OF 12"/SEC
- » SPRINGLESS DESIGN PROVIDES SMOOTH, RELIABLE, HIGH-CYCLE OPERATION

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STANDARD FEATURES OVERVIEW CONSTRUCTION

MOUNTING	Interior/exterior face-of-wall
CURTAIN	800: 3" flat slats (#14 profile), hardened powder coat (Gray, Beige, White) 22 gauge steel with alternating endlocks. 800C: 3" insulated flat slats (#34 profile), hardened powder coat (Gray, Beige, White) 22 gauge steel front/24 gauge steel backer with alternating endlocks. R-value* of 7.7; Sound Transmission Class rating of 22
MAX WIDTH**	30' (9,144 mm)
MAX HEIGHT**	30' (9,144 mm)
SPEED	Opening speed: 24"/sec. Closing Speed: 12"/sec
BOTTOM BAR	Two equal angles, 0.12 inch min. thickness, with wireless monitored sensing edge. Factory painted black
GUIDES	Three angle guide assembly; black
DOOR ROLL	Springless roll (steel tube with integral shafts, keyed on the drive end, supported by self-aligning greaseable sealed bearings). Door shall not require any counterbalance device
HOOD	24 gauge steel galvanized (Gray, Beige, White)
OPERATION	Direct drive, motor/gearbox/brake assembly with manual hand chain for power outages. 230V AC 3-phase is standard
CONTROL PANEL	NEMA 4X rated; variable frequency drive, self-diagnostics, timer to close programming options and non-resettable cycle counter are included
SAFETY DEVICES	Built-in brake mechanism, photoelectric sensors with commercial grade guards, wireless monitored safety edge; motor cover
WIND LOAD	+/- 20 psf standard
WARRANTY	
TERMS	60 Month limited warranty on door system and control panel hardware

OPTIONS

- Actuators: loop detectors, radio control, push buttons, key switches, motion detectors, warning light, horns and strobes, second set of photoelectric sensors
- Flat insulated or non-insulated slat profile in a variety of gauges
- Vision/ventilation: 5" x 3/4" open fenestration; 5" x 3/4" acrylic vision lite
- Perimeter seals: surface guide weatherstrip, angled guide brush 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
- Custom color options
- Wireless accessories: pull cord station, palm station, 1-button push station, open-close-stop push button station
- Direct drive motor options available in 208V AC 1PH[†], 230V AC 1PH, 460V AC 3PH or 575V AC 3PH[†]. Horsepower is appropriate to size and weight of door. († requires stand-alone mounted transformer)

* Wayne Dalton uses a calculated R-value for our insulated doors.

** Maximum width and height are independent of each other and may vary based on slat profile, material and gauge. Larger sizes may be available. Consult dealer for more information.

Wayne Dalton has designed the Advanced Rolling Door System with safety and security in mind.

This system comes standard with enhanced safety devices such as the built-in braking mechanism, photo eyes and wireless sensing edge. Designed for security, the curtain material is composed of interlocking metal slats, and the weight of the door coupled with the motor/gearbox/brake assembly helps deter the door from being pried open.

MATERIALS AND CONSTRUCTION

The direct drive heavy-duty gear box motor assembly requires minimum maintenance unlike conventional chain and sprocket system. Innovative springless design creates a door without a single spring to replace. The variable frequency drive system operates on a soft start and stop to hinder wear and tear on the system.

A non-resettable cycle counter tracks and displays total cycles for warranty and service and an LCD plain text read-out on the control panel indicates door actions, alarm and fault conditions in a user friendly language. These advanced diagnostics are used for fast set up and easy trouble shooting.

This door comes standard with wear-resistant powder coat technology, as well as door and guide construction that is rated for design pressure of +/- 20 psf.

Ideal applications are high cycle or high traffic areas such as public and government buildings, parking garages, police sally ports, auto dealerships, warehouses, industrial manufacturing facilities, shipping and receiving docks, airports and hospitals.

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Wayne Dalton
COMMERCIAL DOORS