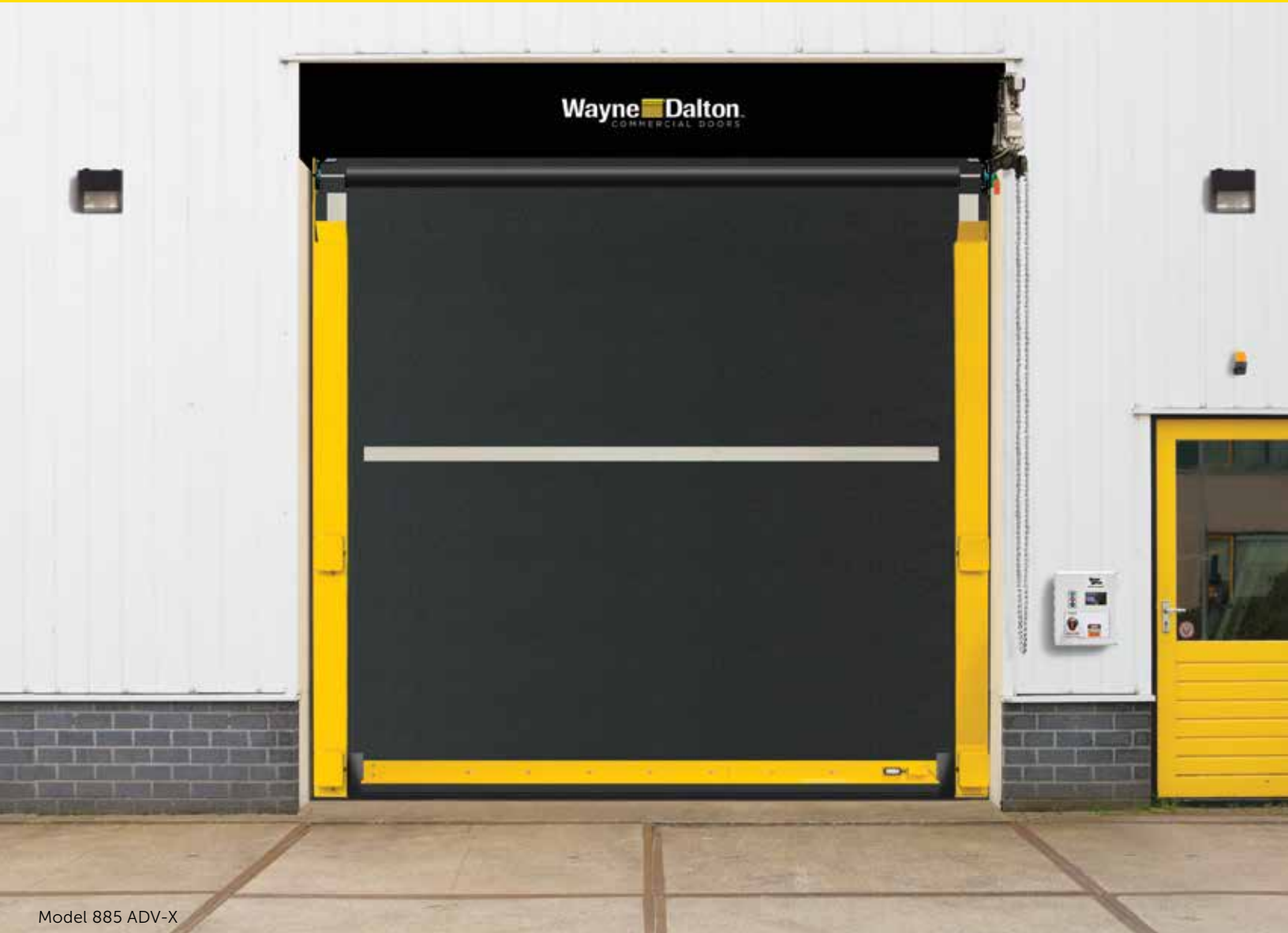


# ADV-X HIGH SPEED DOORS



Model 885 ADV-X

- » MODEL 880 ADV-X FLEXIBLE BOTTOM INTERIOR HIGH SPEED FABRIC DOOR
- » MODEL 881 ADV-X INTERIOR HIGH SPEED FABRIC DOOR
- » MODEL 882 ADV-X STRUTTED INTERIOR HIGH SPEED FABRIC DOOR
- » MODEL 883 ADV-X STRUTTED EXTERIOR HIGH SPEED FABRIC DOOR
- » MODEL 884 ADV-X STRUTTED EXTERIOR HEAVY-DUTY HIGH SPEED FABRIC DOOR
- » MODEL 885 ADV-X EXTREME EXTERIOR HIGH SPEED RUBBER DOOR

# ADV-X

## ADV-X HIGH SPEED ROLLING DOORS

### Patent-Pending Designs

- Curtain lock construction on Models 880 and 881 makes doors field repairable unlike zipper doors
- Articulating roller windlock on Model 884 allows door to operate under heavy wind conditions
- Break away system design on Model 880 provides low maintenance

### Fast-Acting

- Full open position in four seconds or less\*
- Adjustable timer to close delay

### High Cycle Design

- Springless design requires minimal interruption for maintenance
- Direct-mounted eliminates chain and sprocket maintenance
- Variable frequency drive eliminates sudden jolts and reduces door wear and tear

\* Depending on door model and size

## SAFETY FEATURES

- Limit lock technology prevents door from losing limit during a power outage
- In-plane primary and secondary infrared sensors
- Wireless reversing edge
- Break away design with self repair
- Built-in service reminder
- Padlockable disconnect at controller
- Advanced gearbox design features door stop safety device

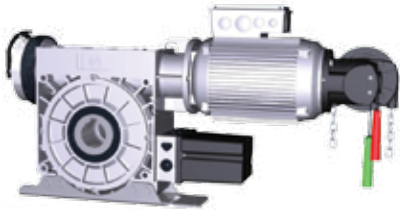


5-Year Limited Warranty\*

\*Model 880:  
5-Year Limited on drive motor and gearbox.  
1-Year Limited on all other components.



## SPECIAL FEATURES



### Direct Drive Motor

Advanced gearbox design features door stop safety device and gear teeth designed to spread the drive and shock loads over a larger tooth contact area for reduced maintenance costs and increased durability



### 3-Phase NEMA 4X Control Panel

- On-board self diagnostic capabilities
- Built-in service reminder
- Ten programmable inputs and five programmable outputs
- Padlockable fused disconnect



### 1-Phase NEMA 4X Control Panel

- On-board self diagnostic capabilities
- Works with 120V AC and 230V AC 1-Phase power source
- Eight programmable inputs and two programmable outputs

### Actuation Options

Push button, key switch, pull switch, loop detector, motion detector, treadle switch, radio control. Wireless options: pull switches, 1 or 3-button push button, palm button.

### Signaling Device Options

Red/green LED warning light, horn/strobe combination, rotating warning light.



### Patent-Pending Curtain Lock

(Models 880 and 881 only)  
Our patent-pending curtain lock design enables doors to be repaired quickly and in the field, unlike zippered doors.



### Articulating Roller Wind Strut

(Model 884 only)  
Our patent-pending articulating roller wind strut enables doors to have operational wind load rating.



### Reversing Edge

All Wayne Dalton high speed doors feature a wireless soft bottom edge designed to retract minimum contact load.



### Obstruction Detection

Each door features two in-plane infrared sensors, placed at the bottom and partway up the door, minimizing contact with objects in the doorway.



### Flexible bottom bar with detachable bottom seal

for easy replacement and troubleshooting.  
(Model 880 only)

## MODELS

Flexible Bottom  
High Speed Fabric Door  
**Model 880 ADV-X**



High Speed  
Fabric Door  
**Model 881 ADV-X**

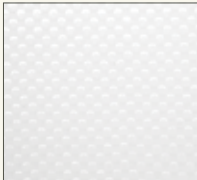






Strutted High Speed  
Fabric Door  
**Model 882 ADV-X**



## ATTRIBUTES

## GENERAL SPECIFICATIONS

<b>Application</b>	Manufacturing; Distribution; Food/Beverage; Pharmaceutical	Manufacturing; Distribution; Food/Beverage; Cold Storage; Pharmaceutical	Manufacturing; Distribution; Food/Beverage; Cold Storage		
<b>Maximum width</b>	12'	14'	16'		
<b>Maximum height</b>	12'	14'	15'		
<b>Opening speed</b>	Up to 70"/sec	Up to 70"/sec	Up to 65"/sec		
<b>Closing speed</b>	Up to 40"/sec	Up to 40"/sec	Up to 40"/sec		
<b>Certified air tightness*</b>	Not available	< 0.236 cfm/sq ft	Not available		
<b>Curtain lock</b>	Yes	Yes	Not available		
<b>Break away self reset</b>	Yes	Yes	Yes		
<b>Pressure/wind resistance**</b>	Up to $\pm$ 3.0 PSF or 58 MPH	Up to $\pm$ 7.5 PSF or 90 MPH	Up to $\pm$ 4.0 PSF or 76 MPH		
<b>Operational pressure***</b>	Up to $\pm$ 1.0 PSF or 33 MPH	Up to $\pm$ 2.5 PSF or 53 MPH	Up to $\pm$ 2.5 PSF or 53 MPH		
<b>Wind strut</b>	Not available	Not available	1" strut standard		
<b>Door panel</b>	2 layers of lightweight PVC-coated polyester with 1 layer of polyester weave	2 layers of PVC-coated polyester with 1 layer of polyester weave	2 layers of PVC-coated polyester with 1 layer of polyester weave		
<b>Vision</b>	20" high windows spaced evenly across width of door	20" high windows spaced evenly across width of door	20" high windows spaced evenly across width of door		
<b>Operation</b>	Direct drive motor and gearbox system with a door stop device	Direct drive motor and gearbox system with a door stop device	Direct drive motor and gearbox system with a door stop device		
<b>Control</b>	Variable frequency drive NEMA 4X cULus listed Onboard self diagnostic and service reminder Built-in padlockable field disconnect	Variable frequency drive NEMA 4X cULus listed Onboard self diagnostic and service reminder Built-in padlockable field disconnect	Variable frequency drive NEMA 4XcULus listed Onboard self diagnostic and service reminder Built-in padlockable field disconnect		
<b>Obstruction detection</b>	Infrared sensors mounted in-plane to the door curtain at 18" and 50" - 54" from floor	Infrared sensors mounted in-plane to the door curtain at 18" and 50" - 54" from floor	Infrared sensors mounted in-plane to the door curtain at 18" and 50" - 54" from floor		
<b>Reversing safety edge</b>	Wireless reversing edge; flexible bottom bar with detachable bottom seal	Wireless reversing edge	Wireless reversing edge		
<b>Hinged guides</b>	Yes	Yes	Yes		
<b>Electrical availability</b>	120V AC 1PH, 230V AC 1PH, 230V AC 3PH, 460V AC 3PH, 575V AC 3PH	120V AC 1PH, 230V AC 1PH, 230V AC 3PH, 460V AC 3PH, 575V AC 3PH	120V AC 1PH, 230V AC 1PH, 230V AC 3PH, 460V AC 3PH, 575V AC 3PH		
<b>Warranty</b>	5-Year Limited on gearbox and motor 1-Year Limited on all other components	5-Year Limited	5-Year Limited		
<b>Color options</b>	    				
Actual colors may vary from brochure due to fluctuations in the printing process. Always request a color sample from your Dealer for accurate color matching.	White (Model 880 only)	Red	Blue	Gray	Black (Models 881 and 882 only)
<b>Comments</b>	** Pressure/wind resistance value is the ultimate pressure tested at door width of 12'. The mph is determined in accordance to ASCE 7-10 EXP B. ***Operational pressure value is the pressure tested up to 20,000 cycles at door width of 12'.	* Air tightness is independently tested to ASTM E283 test standard. ** Pressure/wind resistance value is the ultimate pressure tested at door width of 10'. The mph is determined in accordance to ASCE 7-10 EXP B. ***Operational pressure value is the pressure tested up to 100,000 cycles at door width of 10'.	** Pressure/wind resistance value is the ultimate pressure tested at door width of 16'. The mph is determined in accordance to ASCE 7-10 EXP B. ***Operational pressure value is the pressure tested up to 100,000 cycles at door width of 16'.		



Model 881 ADV-X

## MODELS

Strutted High Speed Fabric Door  
Model 883 ADV-X



Strutted Heavy-Duty High Speed Fabric Door  
Model 884 ADV-X

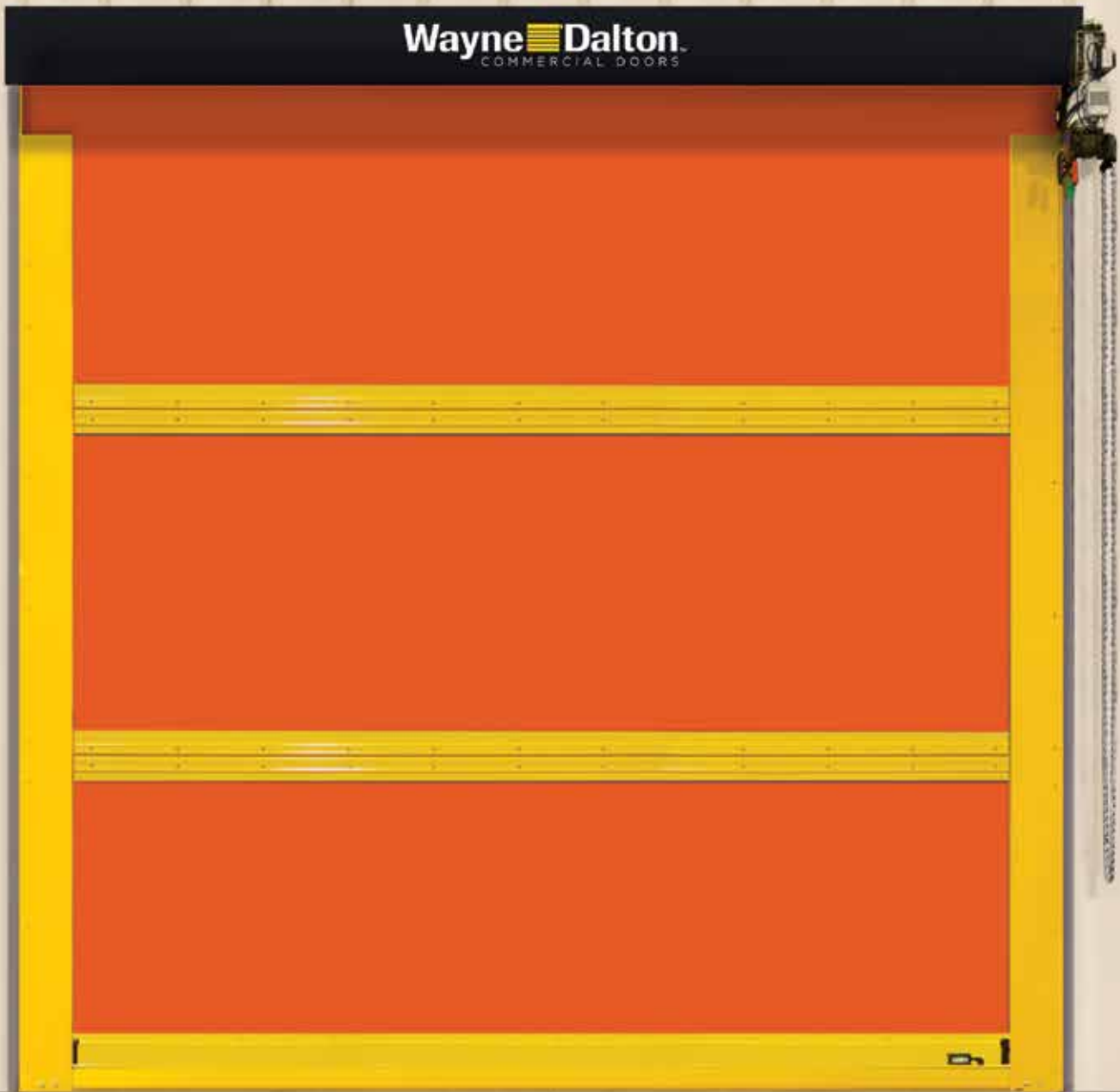


Extreme High Speed Rubber Door  
Model 885 ADV-X



## ATTRIBUTES

ATTRIBUTES	GENERAL SPECIFICATIONS		
<b>Application</b>	Manufacturing; Distribution; Auto/Transit; Parking; Food/Beverage	Manufacturing; Distribution; Mining; Auto/Transit; Parking	Manufacturing; Distribution; Mining; Auto/Transit; Parking
<b>Maximum width</b>	16'	24'	30'
<b>Maximum height</b>	15'	18' at 24' wide or 20' at 23' wide	30'
<b>Opening speed</b>	Up to 65"/sec	Up to 55"/sec	Up to 50"/sec
<b>Closing speed</b>	Up to 40"/sec	Up to 40"/sec	Up to 40"/sec
<b>Certified air tightness*</b>	Not available	Not available	Not available
<b>Curtain lock</b>	Not available	Not available	Yes
<b>Break away self reset</b>	Yes	Yes	Yes
<b>Pressure/wind resistance**</b>	Up to $\pm$ 4.0 PSF or 76 MPH	Up to $\pm$ 22.0 PSF or 158 MPH	Up to $\pm$ 27.0 PSF or 180 MPH
<b>Operational pressure***</b>	Up to $\pm$ 2.5 PSF or 53 MPH	Up to $\pm$ 5.0 PSF or 75 MPH	Up to $\pm$ 5.0 PSF or 75 MPH
<b>Wind strut</b>	1" strut standard	4" articulating roller wind strut	Not available
<b>Door panel</b>	3 layers of PVC-coated polyester with 2 layers of polyester weave	3 layers of PVC-coated polyester with 2 layers of polyester weave	5 layers of NBR Rubber with 4 layers of polyester weave
<b>Vision</b>	20" high windows spaced evenly across width of door	20" high windows spaced evenly across width of door	10" x 20" windows (maximum quantity depending on door size)
<b>Operation</b>	Direct drive motor and gearbox system with a door stop device	Direct drive motor and gearbox system with a door stop device	Direct drive motor and gearbox system with a door stop device
<b>Control</b>	Variable frequency drive NEMA 4X cULus listed Onboard self diagnostic and service reminder Built-in padlockable field disconnect	Variable frequency drive NEMA 4X cULus listed Onboard self diagnostic and service reminder Built-in padlockable field disconnect	Variable frequency drive NEMA 4X cULus listed Onboard self diagnostic and service reminder Built-in padlockable field disconnect
<b>Obstruction detection</b>	Infrared sensors mounted in-plane to the door curtain at 18" and 50" - 54" from floor	Infrared sensors mounted in-plane to the door curtain at 18" and 50" - 54" from floor	Infrared sensors mounted in-plane to the door curtain at 6" and 50" - 54" from floor
<b>Reversing safety edge</b>	Wireless reversing edge	Wireless reversing edge	Wireless reversing edge
<b>Hinged guides</b>	Yes	Yes	Not available
<b>Electrical availability</b>	120V AC 1PH, 230V AC 1PH, 230V AC 3PH, 460V AC 3PH, 575V AC 3PH	230V AC 3PH, 460V AC 3PH, 575V AC 3PH	230V AC 3PH, 460V AC 3PH, 575V AC 3PH
<b>Warranty</b>	5-Year Limited	5-Year Limited	5-Year Limited
<b>Color options</b>	<p>Red      Blue      Orange      Gray      Black (Model 885 only)</p>		
<b>Comments</b>	<p>** Pressure/wind resistance value is the ultimate pressure tested at door width of 16'. The mph is determined in accordance to ASCE 7-10 EXP B.</p> <p>*** Operational pressure value is the pressure tested up to 100,000 cycles at door width of 16'.</p>	<p>** Pressure/wind resistance value is the ultimate pressure tested at door width of 20'. The mph is determined in accordance to ASCE 7-10 EXP B.</p> <p>*** Operational pressure value is the pressure tested up to 100,000 cycles at door width of 24'.</p>	<p>** Pressure/wind resistance value is the ultimate pressure tested at door width of 19'. The mph is determined in accordance to ASCE 7-10 EXP B.</p> <p>*** Operational pressure value is the pressure tested up to 100,000 cycles at door width of 19'.</p>



Wayne Dalton  
COMMERCIAL DOORS

Model 883 ADV-X



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