

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
- » MODEL 888 ADV-X HIGH SPEED METAL DOOR
- » MODEL 889 ADV-X HIGH SPEED FULL-VIEW METAL DOOR

ADV-X



Model 880 ADV-X

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
- Curtain monitoring device on Models 888 and 889 ensures an additional system to monitor the position of the door
- Head plate construction gives strength for smooth operation and provides foundation for fully-assembled header truss

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
- Primary and secondary infrared sensors or in-plane infrared light curtain (Models 888 and 889 only)
- Wireless reversing edge
- Break away design with self repair on fabric doors
- 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.

PRODUCT 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

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



Articulating roller wind strut

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



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. (Optional on Models 888 and 889)



Flexible bottom bar with detachable bottom seal

for easy replacement and troubleshooting. (Model 880 only)



Patent-pending helical-design head plate prevents metal curtain contact and provides smooth operation. (Models 888 and 889 only)

MODELS

Flexible Bottom
High Speed Fabric Door
Model 880 ADV-X



High Speed
Fabric Door
Model 881 ADV-X

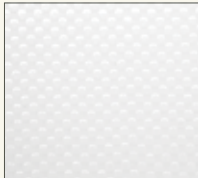


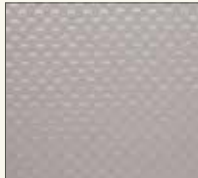



Strutted High Speed
Fabric Door
Model 882 ADV-X



ATTRIBUTES

GENERAL SPECIFICATIONS

Application	Manufacturing, Distribution, Food/Beverage, Pharmaceutical	Manufacturing, Distribution, Food/Beverage, Cold Storage, Pharmaceutical	Manufacturing, Distribution, Food/Beverage, Cold Storage		
Maximum width	12'	14'	16'		
Maximum height	12'	14'	15'		
Opening speed	Up to 70"/sec	Up to 70"/sec	Up to 65"/sec		
Closing speed	Up to 40"/sec	Up to 40"/sec	Up to 40"/sec		
Certified air tightness*	N/A	< 0.236 cfm/sq ft	N/A		
Curtain lock	Yes	Yes	N/A		
Break away self reset	Yes	Yes	Yes		
Pressure/wind resistance**	Up to +3.0/-3.0 psf or 58 MPH	Up to +7.5/-7.5 psf or 90 MPH	Up to +4.0/-4.0 psf or 76 MPH		
Operational pressure***	Up to +1.0/-1.0 psf or 33 MPH	Up to +1.0/-1.0 psf or 53 MPH	Up to +2.5/-2.5 psf or 53 MPH		
Wind strut	N/A	N/A	1" strut standard		
Door material	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		
Vision	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		
Operation	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		
Control	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		
Obstruction detection	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		
Reversing safety edge	Wireless reversing edge; flexible bottom bar with detachable bottom seal	Wireless reversing edge	Wireless reversing edge		
Hinged guides	Yes	Yes	Yes		
Electrical availability	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		
Warranty	5-Year Limited on gearbox and motor 1-Year Limited on all other components	5-Year Limited	5-Year Limited		
Color options	    				
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)
Comments	**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'.		

INTERIOR HIGH SPEED DOORS



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




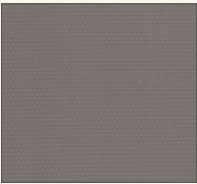



Extreme High Speed Rubber Door
Model 885 ADV-X



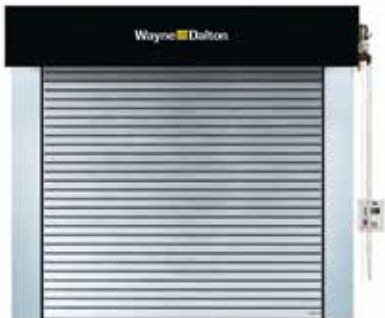
ATTRIBUTES

GENERAL SPECIFICATIONS

Application	Manufacturing, Distribution, Auto/Transit, Parking, Food/Beverage	Manufacturing, Distribution, Mining, Auto/Transit, Parking	Manufacturing, Distribution, Mining, Auto/Transit, Parking		
Maximum height	15'	18' at 24' wide or 20' at 23' wide	30'		
Maximum width	16'	24'	30'		
Opening speed	Up to 65" per second	Up to 55" per second	Up to 50" per second		
Closing speed	Up to 40" per second	Up to 40" per second	Up to 40" per second		
Certified air tightness*	N/A	N/A	N/A		
Curtain lock	N/A	N/A	Yes		
Break away self reset	Yes	Yes	Yes		
Pressure/wind resistance**	Up to +4.0/-4.0 psf or 76 MPH	Up to +22.0/-22.0 psf or 158 MPH	Up to +27.0/-27.0 psf or 180 MPH		
Operational pressure***	Up to +2.5/-2.5 psf or 53 MPH	Up to +5.0/-5.0 psf or 75 MPH	Up to +5.0/-5.0 psf or 75 MPH		
Wind strut	1" strut standard	4" articulating roller wind strut	Not available		
Door material	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		
Vision	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)		
Operation	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		
Control	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		
Obstruction detection	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 8" and 50"- 54" from floor		
Reversing safety edge	Wireless reversing edge	Wireless reversing edge	Wireless reversing edge		
Hinged guides	Yes	Yes	N/A		
Electrical availability	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		
Warranty	5-Year Limited	5-Year Limited	5-Year Limited		
Color options 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.	 Red	 Blue	 Orange	 Gray	 Black (Model 885 only)
Comments	**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'.	**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. ***Operational pressure value is the pressure tested up to 100,000 cycles at door width of 24'.	**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. ***Operational pressure value is the pressure tested up to 100,000 cycles at door width of 19'.		

EXTERIOR HIGH SPEED DOORS

High Speed Metal Door Model 888 ADV-X



High Speed Full-View Metal Door Model 889 ADV-X



Parking garages, Manufacturing,
Auto dealerships

21'

26'

Up to 80" per second

Up to 20" per second

N/A

N/A

N/A

Up to +100/-100† psf

Up to +5/-5 psf

N/A

Dual-walled aluminum

Optional scratch-resistant
polycarbonate panels

Direct drive motor and
gearbox system

Variable frequency drive
NEMA 4X cULus listed

Integrated light curtain

Wireless reversing edge

Yes

230V AC 3PH, 460V AC 3PH, 575V AC 3PH

5-Year Limited

Auto dealerships, Retail,
Manufacturing

21'

20'

Up to 80" per second

Up to 20" per second

N/A

N/A

N/A

Up to +100/-100† psf

Up to +5/-5 psf

N/A

Aluminum and scratch-resistant
polycarbonate

Scratch-resistant
polycarbonate panels

Direct drive motor and
gearbox system

Variable frequency drive
NEMA 4X cULus listed

Integrated light curtain

Wireless reversing edge

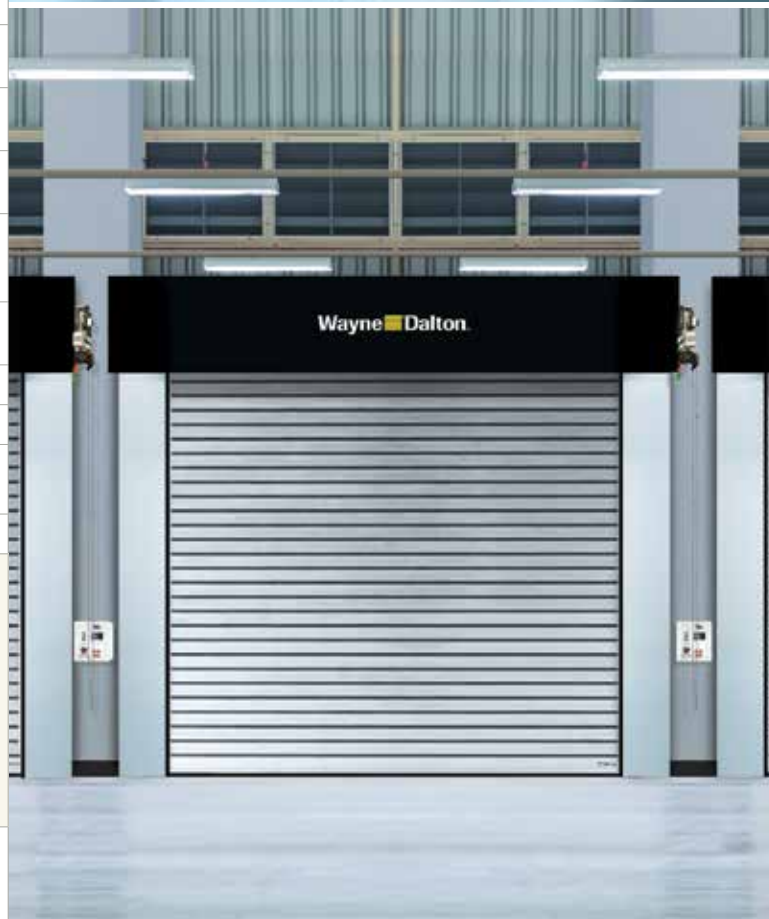
Yes

230V AC 3PH, 460V AC 3PH, 575V AC 3PH

5-Year Limited



Model 889 ADV-X



Model 888 ADV-X



Silver powder coat*
(Models 888 and 889 only)



Approximately 200 RAL powder
coat color options available
(Models 888 and 889 only)

*Pressure/wind resistance value is the ultimate pressure tested at door width of 15'-width of 26'.
**Operational pressure value is the pressure tested up to 100,000 cycles at door width of 26'.
†Up to +50/-50 psf with optional vision panels.
*Silver powder coat made to mimic anodized aluminum.

*Pressure/wind resistance value is the ultimate pressure tested at door width of 15'-width of 20'.
**Operational pressure value is the pressure tested up to 100,000 cycles at door width of 20'.

Wayne  Dalton.

Model 883 ADV-X



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COMMERCIAL DOORS

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