ADV-XTREME
HIGH SPEED, HIGH PERFORMANCE DOORS

» MODEL 880 FLEXIBLE BOTTOM INTERIOR FABRIC DOOR
» MODEL 881 INTERIOR FABRIC DOOR
» MODEL 882 INTERIOR/EXTERIOR FABRIC DOOR
» MODEL 883 EXTERIOR FABRIC DOOR
» MODEL 884 EXTERIOR FABRIC DOOR
» MODEL 885 EXTERIOR RUBBER DOOR
» MODEL 887 INTERIOR FREEZER DOOR
» MODEL 888 EXTERIOR METAL DOOR
» MODEL 889 FULL-VIEW METAL DOOR
INNOVATIVE PATENT-PENDING DESIGN

- Curtain lock (Models 880 and 881)
- Roller windlock (Models 883 and 884)
- Break away system design (880, 881, 882, 883, 884, 885)
- Curtain monitoring device
- 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 LOW MAINTENANCE DESIGN

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

SAFETY FEATURES

- Limit lock technology prevents door from losing limit during a power outage
- Primary and secondary infrared sensors (Models 880, 881, 882, 883, 884, 885)
- Light curtain (Models 888 and 889)
- 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

INSTALLER FRIENDLY

- Fully-assembled curtain arrives pre-wrapped in head plate and trusses, ready for installation
- Completely hinged guide
- Pre-wired motor connection and plug and play accessories reduces the need for a licensed electrician

*Depending on door model and size

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

5-Year Limited Warranty*
**PRODUCT FEATURES**

**Direct drive motor**
Advanced gearbox design features door stop safety device and is designed to reduce maintenance costs and increase durability.

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

**Flexible bottom bar with detachable bottom seal**
For easy replacement and troubleshooting. (Model 880 only)

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

**Patent-pending roller wind strut**
Enables doors to have operational wind load rating. (Models 883 and 884 only)

**Wireless reversing edge**
Is designed to reverse with minimum contact load.

**Obstruction safety detection**
With two in-plane infrared sensors, minimizing contact with objects in the doorway. (Optional on Models 888 and 889)

**Light curtain obstruction detection**
Detects objects that break the beams of a 6’ tall light curtain. (Models 888 and 889)

**3-phase NEMA 4X control panel**

**1-phase NEMA 4X control panel**
On-board self diagnostic capabilities. Works with 120V AC and 230V AC. Eight programmable inputs and two programmable outputs.

*Available for up to 10’x10’ for Models 880, 881.

**OPTIONS**

**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 traffic light, horn/strobe combination, rotating warning light.

**Programmable LED Lighting Package**
3’ tall light bar with red, yellow, green lights
## ADV-XTREME

### HIGH SPEED DOORS FOR THE UTMOST IN EFFICIENCY, RELIABILITY AND RETURN ON INVESTMENT

### FEATURES

<table>
<thead>
<tr>
<th>Feature</th>
<th>General Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application</strong></td>
<td>Manufacturing; Distribution; Food/Beverage; Pharmaceutical</td>
</tr>
<tr>
<td><strong>Location of opening</strong></td>
<td>Interior (mount inside)</td>
</tr>
<tr>
<td><strong>Maximum height</strong></td>
<td>12'</td>
</tr>
<tr>
<td><strong>Maximum width</strong></td>
<td>12'</td>
</tr>
<tr>
<td><strong>Maximum opening speed</strong></td>
<td>Up to 70” per second</td>
</tr>
<tr>
<td><strong>Maximum closing speed</strong></td>
<td>Up to 40” per second</td>
</tr>
<tr>
<td><strong>Certified air tightness</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Curtain lock</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Breakaway self reset</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Wind load</strong></td>
<td>Up to 3.0 psf</td>
</tr>
<tr>
<td><strong>Wind strut</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Curtain material</strong></td>
<td>2 layers of light PVC-coated polyester with 1 layer of polyester weave</td>
</tr>
<tr>
<td><strong>Vision</strong></td>
<td>Optional 20” high windows spaced evenly across width of door</td>
</tr>
<tr>
<td><strong>Operation</strong></td>
<td>Direct drive motor and gearbox system with a door stop device</td>
</tr>
<tr>
<td><strong>Control panel</strong></td>
<td>Variable frequency drive NEMA 4X cULus listed Onboard self diagnostic and service reminder Built-in padlockable fused disconnect</td>
</tr>
<tr>
<td><strong>Obstruction safety detection</strong></td>
<td>Infrared sensors mounted in-plane to the door curtain at 18” and 50” – 54” from floor</td>
</tr>
<tr>
<td><strong>Reversing safety edge</strong></td>
<td>Wireless reversing edge: flexible bottom bar with detachable bottom seal</td>
</tr>
<tr>
<td><strong>Available supply voltages</strong></td>
<td>105-125V AC 1PH; 220-240V AC 1PH; 208-245V AC 3PH/60Hz; 575V AC 3PH/60Hz (requires transformer)</td>
</tr>
<tr>
<td><strong>Hinged guides</strong></td>
<td>Provide easy access for maintenance</td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>5-Year Limited on drive motor and gearbox. 1-Year Limited on all other components</td>
</tr>
<tr>
<td><strong>Curtain color options</strong></td>
<td>White (Models 880, 881 and 882 only)</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td><strong>Wind load is the ultimate pressure tested at door width of 12’</strong>.</td>
</tr>
</tbody>
</table>
### Features

<table>
<thead>
<tr>
<th>MANUFACTURING; DISTRIBUTION; AUTO/TRANSIT; PARKING; FOOD/BEVERAGE</th>
<th>MANUFACTURING; DISTRIBUTION; MINING; AUTO/TRANSIT; PARKING</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EXTERIOR (MOUNT OUTSIDE)</strong></td>
<td><strong>EXTERIOR (MOUNT OUTSIDE)</strong></td>
</tr>
<tr>
<td>20'</td>
<td>18' AT 24' WIDE OR 20' AT 23' WIDE</td>
</tr>
<tr>
<td>20'</td>
<td>24'</td>
</tr>
<tr>
<td>UP TO 65' PER SECOND</td>
<td>UP TO 55' PER SECOND</td>
</tr>
<tr>
<td>UP TO 40' PER SECOND</td>
<td>UP TO 40' PER SECOND</td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>NOT AVAILABLE</strong></td>
<td><strong>NOT AVAILABLE</strong></td>
</tr>
<tr>
<td><strong>UP TO 19.5 PSI</strong></td>
<td><strong>UP TO 22.0 PSI</strong></td>
</tr>
<tr>
<td>1&quot; ROLLER WIND STRUT</td>
<td>4&quot; ARTICULATING ROLLER WIND STRUT</td>
</tr>
<tr>
<td>3 LAYERS OF PVC-COOLED POLYESTER WITH 2 LAYERS OF POLYESTER WOVE</td>
<td>3 LAYERS OF PVC-COOLED POLYESTER WITH 2 LAYERS OF POLYESTER WOVE</td>
</tr>
<tr>
<td><strong>OPTIONAL 20' HIGH WINDOWS SPACED EVENLY ACROSS WIDTH OF DOOR</strong></td>
<td><strong>OPTIONAL 20' HIGH WINDOWS SPACED EVENLY ACROSS WIDTH OF DOOR</strong></td>
</tr>
<tr>
<td><strong>DIRECT DRIVE MOTOR AND GEARBOX SYSTEM WITH A DOOR STOP DEVICE</strong></td>
<td><strong>DIRECT DRIVE MOTOR AND GEARBOX SYSTEM WITH A DOOR STOP DEVICE</strong></td>
</tr>
<tr>
<td><strong>VARIABLE FREQUENCY DRIVE NEMA 4X cuLus listed Onboard self diagnostic and service reminder Built-in padlockable fused disconnect</strong></td>
<td><strong>VARIABLE FREQUENCY DRIVE NEMA 4X cuLus listed Onboard self diagnostic and service reminder Built-in padlockable fused disconnect</strong></td>
</tr>
<tr>
<td><strong>INFRARED SENSORS MOUNTED IN-PLANE TO THE DOOR CURTAIN AT 18&quot; AND 50&quot; - 54&quot; FROM FLOOR</strong></td>
<td><strong>INFRARED SENSORS MOUNTED IN-PLANE TO THE DOOR CURTAIN AT 18&quot; AND 50&quot; - 54&quot; FROM FLOOR</strong></td>
</tr>
<tr>
<td><strong>WIRELESS REVERSING EDGE</strong></td>
<td><strong>WIRELESS REVERSING EDGE</strong></td>
</tr>
<tr>
<td><strong>205-245V AC 3PH/60HZ; 440-480V AC 3PH/60HZ, 575V AC 3PH/60HZ (REQUIRES TRANSFORMER)</strong></td>
<td><strong>205-245V AC 3PH/60HZ; 440-480V AC 3PH/60HZ, 575V AC 3PH/60HZ (REQUIRES TRANSFORMER)</strong></td>
</tr>
<tr>
<td><strong>PROVIDE EASY ACCESS FOR MAINTENANCE</strong></td>
<td><strong>PROVIDE EASY ACCESS FOR MAINTENANCE</strong></td>
</tr>
<tr>
<td>5-YEAR LIMITED</td>
<td>5-YEAR LIMITED</td>
</tr>
</tbody>
</table>

### Colors

- **Gray**
- **Orange**
- **Red**
- **Blue**

Above colors also available for Model 882 with optional Exterior/Interior curtain material.

**Wind load is the ultimate pressure tested at door width of 20'.**
## ADV-XTREME

### HIGH SPEED DOORS FOR THE UTMOST IN EFFICIENCY, RELIABILITY AND RETURN ON INVESTMENT

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<tr>
<th>FEATURES</th>
<th>HIGH SPEED RUBBER DOOR MODEL 885</th>
<th>HIGH SPEED FREEZER AND COOLER DOOR MODEL 887</th>
<th>HIGH SPEED METAL DOOR MODEL 888</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>Manufacturing; Distribution; Mining; Auto/Transit; Parking</td>
<td>Cold storage; Food/Beverage; Distribution</td>
<td>Parking garages; Manufacturing; Auto dealerships</td>
</tr>
<tr>
<td>Location of opening (mount)</td>
<td>Exterior (mount outside)</td>
<td>Interior (mount inside)</td>
<td>Exterior (mount inside)</td>
</tr>
<tr>
<td>Maximum height</td>
<td>30'</td>
<td>18'</td>
<td>21'</td>
</tr>
<tr>
<td>Maximum width</td>
<td>30'</td>
<td>12'</td>
<td>26'</td>
</tr>
<tr>
<td>Maximum opening speed</td>
<td>Up to 50' per second</td>
<td>Up to 80' per second</td>
<td>Up to 80' per second</td>
</tr>
<tr>
<td>Maximum closing speed</td>
<td>Up to 40' per second</td>
<td>Up to 40' per second</td>
<td>Up to 20' per second</td>
</tr>
<tr>
<td>Certified air tightness*</td>
<td>N/A</td>
<td>Not available</td>
<td>N/A</td>
</tr>
<tr>
<td>Curtain lock</td>
<td>Yes</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Breakaway self reset</td>
<td>Yes</td>
<td>Yes</td>
<td>Not available</td>
</tr>
<tr>
<td>Wind load**</td>
<td>Up to 270 psf</td>
<td>Up to 2.0 psf</td>
<td>Up to 100.0 psf†</td>
</tr>
<tr>
<td>Curtain material</td>
<td>5 layers of NBR rubber with 4 layers of polyester weave</td>
<td>2 layers of PVC-coated polyester with 1 layer of polyester weave and conductive plus radiant insulation</td>
<td>Dual-walled aluminum</td>
</tr>
<tr>
<td>Vision</td>
<td>Optional 10' x 20' windows (maximum quantity depending on door size)</td>
<td>Not available</td>
<td>Optional scratch-resistant polycarbonate panels</td>
</tr>
<tr>
<td>Operation</td>
<td>Direct drive motor and gearbox system with a door stop device</td>
<td>Direct drive motor and gearbox system with a door stop device</td>
<td>Direct drive motor and gearbox system</td>
</tr>
<tr>
<td>Control panel</td>
<td>Variable frequency drive NEMA 4X cULus listed Onboard self diagnostic and service reminder Built-in padlockable fused disconnect</td>
<td>Variable frequency drive NEMA 4X cULus listed; On-board self diagnostic and service reminder Built-in padlockable fused disconnect</td>
<td>Variable frequency drive NEMA 4X cULus listed</td>
</tr>
<tr>
<td>Obstruction safety detection</td>
<td>Infrared sensors mounted in-plane to the door curtain at 8' and 50'-54' from floor</td>
<td>Infrared sensors mounted in-plane to the door curtain at 16' and 50'-54' from floor</td>
<td>Integrated light curtain</td>
</tr>
<tr>
<td>Reversing safety edge</td>
<td>Wireless reversing edge</td>
<td>Wireless reversing edge</td>
<td>Wireless reversing edge</td>
</tr>
<tr>
<td>Available supply voltages</td>
<td>208-245V AC 3PH/60Hz; 440-480V AC 3PH/60Hz, 575V AC 3PH/60Hz (requires transformer)</td>
<td>208-245V AC 3PH/60Hz; 440-480V AC 3PH/60Hz, 575V AC 3PH/60Hz (requires transformer)</td>
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</tr>
<tr>
<td>Hinged guides</td>
<td>Not available</td>
<td>Not available</td>
<td>Provide easy access for maintenance</td>
</tr>
<tr>
<td>Warranty</td>
<td>5-Year Limited</td>
<td>5-Year Limited</td>
<td>5-Year Limited</td>
</tr>
<tr>
<td>Curtain color options</td>
<td>Black, Blue, White, Gray, Red, Blue, Silver powder coat*</td>
<td>Approximately 200 RAL powder coat color options available</td>
<td>Silver powder coat made to mimic anodized aluminum.</td>
</tr>
<tr>
<td>Comments</td>
<td><strong>Wind load is the ultimate pressure tested at door width of 19’</strong></td>
<td><strong>Wind load is the ultimate pressure tested at door width of 10’</strong></td>
<td>*Up to 50 psf with optional vision panels</td>
</tr>
</tbody>
</table>

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*Silver powder coat made to mimic anodized aluminum.

**Wind load is the ultimate pressure tested at door width of 10’.

†Applications with air curtain may require 460V or 575V.

**Wind load is the ultimate pressure tested at door width of 15’.
## HIGH SPEED DOORS

### HIGH SPEED FULL-VIEW METAL DOOR

**MODEL 889**

- **Auto dealerships; Retail; Manufacturing**
- **Exterior (mount inside)**
  - 21'
  - 20'
  - Up to 80" per second
  - Up to 20" per second
  - N/A
- Not available
- Not available
- Up to 50.0 psf
- Not available
- Aluminum and scratch-resistant polycarbonate
- Scratch-resistant polycarbonate panels
- Direct drive motor and gearbox system
- Variable frequency drive NEMA 4X cULus listed
- Onboard self diagnostic and service reminder
- Built-in padlockable fused disconnect
- Obstruction safety detection
  - Infrared sensors mounted in-plane to the door curtain at 8" and 50"-54" from floor
  - Infrared sensors mounted in-plane to the door curtain at 16" and 50"-54" from floor
  - Integrated light curtain
  - Wireless reversing edge
- Available supply voltages: 208-245V AC 3PH/60Hz; 440-480V AC 3PH/60Hz, 575V AC 3PH/60Hz (requires transformer)
- Hinged guides: Provide easy access for maintenance
- Warranty: 5-Year Limited
- Curtain color options: Actual colors may vary due to fluctuations in the printing process. Always request a color sample from your Dealer for accurate color matching.

### MODEL 887

- **Auto dealerships; Retail; Manufacturing**
- **Exterior (mount inside)**
  - 21'
  - 20'
  - Up to 80" per second
  - Up to 20" per second
  - N/A
- Not available
- Scratch-resistant polycarbonate panels
- Direct drive motor and gearbox system
- Variable frequency drive NEMA 4X cULus listed; On-board self diagnostic and service reminder
- Built-in padlockable fused disconnect
- Obstruction safety detection
  - Infrared sensors mounted in-plane to the door curtain at 8" and 50"-54" from floor
  - Infrared sensors mounted in-plane to the door curtain at 16" and 50"-54" from floor
  - Integrated light curtain
  - Wireless reversing edge
- Available supply voltages: 208-245V AC 3PH/60Hz; 440-480V AC 3PH/60Hz, 575V AC 3PH/60Hz (requires transformer)
- Hinged guides: Provide easy access for maintenance
- Warranty: 5-Year Limited
- Curtain color options: Actual colors may vary due to fluctuations in the printing process. Always request a color sample from your Dealer for accurate color matching.

### MODEL 888

- **Auto dealerships; Retail; Manufacturing**
- **Exterior (mount inside)**
  - 21'
  - 20'
  - Up to 80" per second
  - Up to 20" per second
  - N/A
- Not available
- Scratch-resistant polycarbonate panels
- Direct drive motor and gearbox system
- Variable frequency drive NEMA 4X cULus listed
- Obstruction safety detection
  - Infrared sensors mounted in-plane to the door curtain at 8" and 50"-54" from floor
  - Infrared sensors mounted in-plane to the door curtain at 16" and 50"-54" from floor
  - Integrated light curtain
  - Wireless reversing edge
- Available supply voltages: 208-245V AC 3PH/60Hz; 440-480V AC 3PH/60Hz, 575V AC 3PH/60Hz (requires transformer)
- Hinged guides: Provide easy access for maintenance
- Warranty: 5-Year Limited
- Curtain color options: Actual colors may vary due to fluctuations in the printing process. Always request a color sample from your Dealer for accurate color matching.

**Note:** Wind load is the ultimate pressure tested at door width of 15'.

**Wind load** is the ultimate pressure tested at door width of 19'.

**Applications with air curtain may require 460V or 575V.**

**Silver powder coat** made to mimic anodized aluminum.

**Contact Technical Services for details**
Model 885

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