

# HIGH SPEED DOOR SYSTEMS



PRODUCT LINE

RAPIDFLEX® FABRIC DOORS
RAPIDFLEX® RUBBER DOORS
RAPIDFREEZE™ FABRIC DOORS
RAPIDSHIELD® METAL DOORS
RAPIDVIEW™ FULL-VIEW METAL DOORS

MODELS

990/991/992 993/994

995

997

998

999



INDUSTRY LEADING  
COMMERCIAL & INDUSTRIAL SOLUTIONS



**High performance doors that are as fast, reliable and versatile as your business**

The RapidFlex®, RapidFreeze™, RapidShield® and RapidView™ series of high performance doors are engineered to allow maximum productivity with fast-acting curtains, high-cycle performance and resistance to damage from accidental collisions. With robust safety features and a pressure resistant design, these high speed doors will keep your facility running securely, efficiently and environmentally controlled.

**General features and benefits**

**Springless, high cycle design**

- Minimizes down-time, ideal for high cycle applications

**Interior and exterior models**

- Interior fabric models: 990, 991, 992 and 997
- Exterior fabric, rubber and metal models: 993, 994, 995, 998 and 999

**Fast-acting**

- Fully opens in 4 seconds or less\*

**Break away bottom**

- Designed to break away from the side guides to minimize damage
- Simple reset and self repair after a break-away event
- Impact detection

**Airtight guides (Model 991)**

- Tight sealing guides resist air pressure
- Help control environments; minimize debris

**Direct gear drive system**

- Eliminates the wear and tear associated with conventional chain and sprocket systems
- Advanced gearbox design features door stop safety device

**Robust safety features**

- Dual infrared sensors
- Wireless bottom reversing edge
- Flexible bottom edge (Model 990)
- Built-in door stop device
- Safety light curtain minimizes contact with objects in the doorway (Models 998,999)

**Independently tested**

- Air infiltration (Model 991)
- Wind load / Operational wind load

**Hood standard (Models 990, 991, 992, 993, 994, 995)**

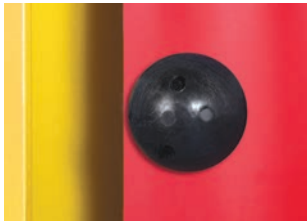
**Padlockable at controller fused disconnect**

**Plug and play wiring**

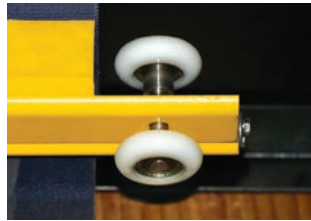
\*Depending on opening height and door models



**Special features**



**Patent-pending curtain lock**  
(Models 990 and 991 only)  
Our patent-pending curtain lock design enables doors to be repaired quickly and in the field, unlike zippered doors.



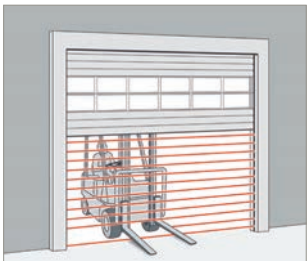
**Articulating roller wind strut**  
(Model 994 only)  
Our patent-pending roller wind strut enables doors to have operational wind load rating.



**Reversing edge**  
All Overhead Door™ High Speed Doors feature a wireless reversing edge designed to retract with 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 998, 999).



**Light curtain obstruction detection**  
(Models 998 and 999)  
The light curtain is able to detect objects that break the beams at all heights below 4' tall. Additionally, it is recessed within the guide for a clean look.



**3-phase NEMA 4X control panel**  
On-board self diagnostic capabilities. Built-in service reminder. Fifteen 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. (Available for up to 10'x10' for Models 990 and 991).



**Direct drive motor**  
Advanced gearbox 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.



**Patent-pending helical-design head plate**  
(Models 998 and 999 only)  
Prevents metal curtain contact and provides smooth operation.



**Flexible bottom bar with detachable bottom seal**  
(Model 990 only)  
Allows for easy replacement and troubleshooting.

**Signaling device options**  
Red/green LED warning light, horn/strobe combination, rotating warning light.

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

# HIGH SPEED INTERIOR FABRIC DOORS

Flexible Bottom High Speed Fabric Door  
RapidFlex® 990



High Speed Fabric Door  
RapidFlex® 991



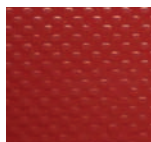
Strutted High Speed Fabric Door  
RapidFlex® 992



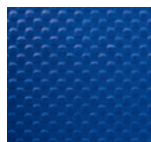
## Features

Application	Manufacturing; Distribution; Food/Beverage; Pharmaceutical	Manufacturing; Distribution; Food/Beverage; Cold Storage; Pharmaceutical	Manufacturing; Distribution; Food/Beverage; Cold Storage
Maximum height	12'	14'	15'
Maximum width	12'	14'	16'
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	Not available
Break away self reset	Yes	Yes	Yes
Static pressure**	Up to +3.0/-3.0 psf	Up to +7.5/-7.5 psf	Up to +4.0/-4.0 psf
Pressure/Wind resistance ***	Up to +1.0/-1.0 psf	Up to +2.5/-2.5 psf	Up to +2.5/-2.5 psf
Wind strut	Not available	Not available	1" strut standard
Curtain material	2 layers of light 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	Optional 20" high windows spaced evenly across width of door	Optional 20" high windows spaced evenly across width of door	Optional 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 panel	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 safety 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
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	230V AC 3PH; 460V AC 3PH; 575V AC 3PH
Hinged guides	Provides easy access for maintenance	Provides easy access for maintenance	Provides easy access for maintenance
Warranty	5-year limited on drive motor and gearbox; 1-year limited on all other components	5-year limited	5-year limited

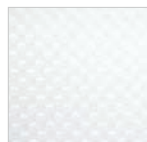
Curtain color options  
Actual colors may vary due to fluctuation in the printing process. Always request a color sample from your Overhead Door™ Distributor for accurate color matching.



Red



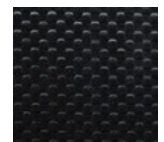
Blue



White (90 and 997 only)



Gray



Black (991 and 992 only)

## Comments

\*\* Static pressure value is the ultimate pressure tested at door width of 12'.  
\*\*\* Operational pressure value is the pressure tested at door width of 12'.

\* Air tightness is independently tested to ASTM E283 test standard.  
\*\* Static pressure value is the ultimate pressure tested at door width of 10'.  
\*\*\* Operational pressure value is the pressure tested at door width of 10'.

\*\* Static pressure value is the ultimate pressure tested at door width of 16'.  
\*\*\* Operational pressure value is the pressure tested at door width of 16'.



Freezer and Cooler High Speed  
Fabric Door  
**RapidFreeze™ 997**



Cold storage; Food/Beverage;  
Distribution

18'

12'

Up to 80"/sec

Up to 40"/sec

N/A

Not available

Yes

Up to +2.0/-2.0 psf

Up to +1.0/-1.0 psf

Not available

2 layers of PVC-coated polyester with  
1 layer of polyester weave  
and conductive plus radiant insulation

Not available

Direct drive motor and gearbox  
system with a door stop device

Variable frequency drive  
NEMA 4X cULus listed;  
Onboard self diagnostic and service reminder  
Built-in padlockable field disconnect

Infrared sensors mounted in-plane to the  
door curtain at 16" and 50" - 54" from floor

Wireless reversing edge

230V AC 3PH; 460V AC 3PH;  
575V AC 3PH†

Not available

5-Year Limited



Red Blue White Gray

\* Static pressure value is the ultimate  
pressure tested at door width of 10'.

\*\* Operational pressure value is the pressure  
tested at a door max width of 12'.

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

**RAPIDFLEX®/RAPID FREEZE™ FABRIC DOORS**  
**MODELS 990/991/992/997**







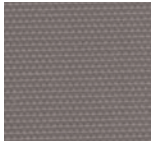
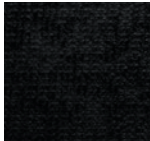
Ideal for separating controlled environment spaces such as food and beverage facilities, high traffic zones, storage rooms, freezer and cooler applications and manufacturing areas to prevent cross-contamination.

- Dual recessed infrared sensors
- Patent-pending curtain lock allows for quiet and smooth operation on Models 990 and 991
- Flexible bottom bar with detachable seal for easy replacement and troubleshooting on Model 990
- Actively heated guides on Model 997 ensures the complete height of the guide has uniform temperature to prevent condensation



Model 991, Gray, windows

# HIGH SPEED EXTERIOR FABRIC, RUBBER & METAL DOORS

	<b>Strutted High Speed Fabric Door</b> <b>RapidFlex® 993</b> 	<b>Strutted Heavy-Duty High Speed Fabric Door</b> <b>RapidFlex® 994</b> 	<b>Extreme High Speed Rubber Door</b> <b>RapidFlex® 995</b> 		
<b>Features</b>					
<b>Application</b>	Manufacturing; Distribution; Auto/Transit; Parking; Food/Beverage	Manufacturing; Distribution; Mining; Auto/Transit; Parking	Manufacturing; Distribution; Mining; Auto/Transit; Parking		
<b>Maximum height</b>	15'	18' at 24' wide or 20' at 23' wide	30'		
<b>Maximum width</b>	16'	24'	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>	N/A	N/A	N/A		
<b>Curtain lock</b>	Not available	Not available	Yes		
<b>Break away self reset</b>	Yes	Yes	Yes		
<b>Static pressure**</b>	Up to +4.0/-4.0 psf	Up to +22.0/-22.0 psf	Up to +27.0/-27.0 psf		
<b>Operational pressure ***</b>	Up to +2.5/-2.5 psf	Up to +5.0/-5.0 psf	Up to +5.0/-5.0 psf		
<b>Wind strut</b>	1" strut standard	4" articulating roller wind strut	Not available		
<b>Curtain material</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>	Optional 20" high windows spaced evenly across width of door	Optional 20" high windows spaced evenly across width of door	Optional 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 panel</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 safety 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 8" and 50" - 54" from floor		
<b>Reversing safety edge</b>	Wireless reversing edge	Wireless reversing edge	Wireless reversing edge		
<b>Electrical availability</b>	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>Hinged guides</b>	Provides easy access for maintenance	Provides easy access for maintenance	Not available		
<b>Warranty</b>	5-Year Limited	5-Year Limited	5-Year Limited		
<b>Curtain color options</b> Actual colors may vary due to fluctuation in the printing process. Always request a color sample from your Overhead Door™ Distributor for accurate color matching.	 Red	 Blue	 Orange	 Gray	 Black
<b>Comments</b>	** Static pressure value is the ultimate pressure tested at door width of 16'. *** Operational pressure value is the pressure tested at door width of 16'.	** Static pressure value is the ultimate pressure tested at door width of 20'. *** Operational pressure value is the pressure tested at door width of 24'.	** Static pressure value is the ultimate pressure tested at door width of 19'. *** Operational pressure value is the pressure tested at door width of 19'.		



High Speed Metal Door

RapidShield® 998



High Speed Full-View Metal Door

RapidView™ 999



Parking garages, Manufacturing, Auto dealerships

Auto dealerships, Retail, Manufacturing

21'

21'

26'

20'

Up to 80"/sec

Up to 80"/sec

Up to 20"/sec

Up to 20"/sec

N/A

N/A

Not available

Not available

Not available

Not available

Up to +100.0/-100.0 psf

Up to +50.0/-50.0 psf

Up to +5.0/-5.0 psf

Up to +5.0/-5.0 psf

Not available

Not available

Dual-walled aluminum

Aluminum and scratch-resistant polycarbonate

Optional scratch-resistant polycarbonate panels

Scratch-resistant polycarbonate panel

Direct drive motor and gearbox system

Direct drive motor and gearbox system

Variable frequency drive NEMA 4X cULus listed

Variable frequency drive NEMA 4X cULus listed

Integrated light curtain

Integrated light curtain

Wireless reversing edge

Wireless reversing edge

230V AC 3PH; 460V AC 3PH; 575V AC 3PH

230V AC 3PH; 460V AC 3PH; 575V AC 3PH

Provides easy access for maintenance

Provides easy access for maintenance

5-Year Limited

5-Year Limited



Silver powder coat made to mimic anodized aluminum



Approximately 200 RAL powder coat finishes available.

\* Static pressure value is the ultimate pressure tested at door width of 15'.

\*\* Operational pressure value is the pressure tested at a door max width.

† Up to ±50.0 psf with optional vision panels.

\* Static pressure value is the ultimate pressure tested at door width of 15'.

\*\* Operational pressure value is the pressure tested at a door max width.

RAPIDFLEX® FABRIC & RUBBER DOORS MODELS 993/994/995

Well-suited for applications where forklifts and commercial vehicles can quickly enter from the outside while resisting strong wind and the elements. Ideal for manufacturing facilities or extreme environments.

- Staged head plate design for easy installation
- Heavy duty strut with roller wind lock on Models 993 and 994
- Powder coated high visibility guides



RAPIDSHIELD® / RAPIDVIEW™ METAL DOORS MODELS 998/999

Deliver security and durability with opening speed of up to 80" per second.

- Model 998 provides a solid aluminum curtain. This door is ideal for applications where security and privacy are a priority.
- Model 999 is a full-view door with polycarbonate panels for light infiltration and is perfect for high traffic applications requiring aesthetic appeal and visibility.



Model 998, Silver powder coat



## Architect's Corner

A resource for architects, containing comprehensive technical and resource materials to support your project, including drawings and specifications for commercial doors.

[www.overheaddoor.com](http://www.overheaddoor.com)

### The original, innovative choice for unequalled quality and service.

Overhead Door Corporation pioneered the sectional garage door industry, inventing the first sectional garage door in 1921 and the first electric door operator in 1926. Today, we continue to be the industry leader through the strength of our product innovation, superior craftsmanship and outstanding customer support, underscoring a legacy of quality, expertise and integrity. That's why design and construction professionals specify Overhead Door™ products more often than any other brand. Our family of over 400 Overhead Door™ Distributors across the U.S. and Canada not only share our name and logo, but also our commitment to excellence.



INDUSTRY LEADING  
COMMERCIAL & INDUSTRIAL SOLUTIONS

2501 S. State Hwy. 121 Bus., Suite 200, Lewisville, TX 75067  
1-800-929-DOOR • [sales@overheaddoor.com](mailto:sales@overheaddoor.com)  
[overheaddoor.com](http://overheaddoor.com)