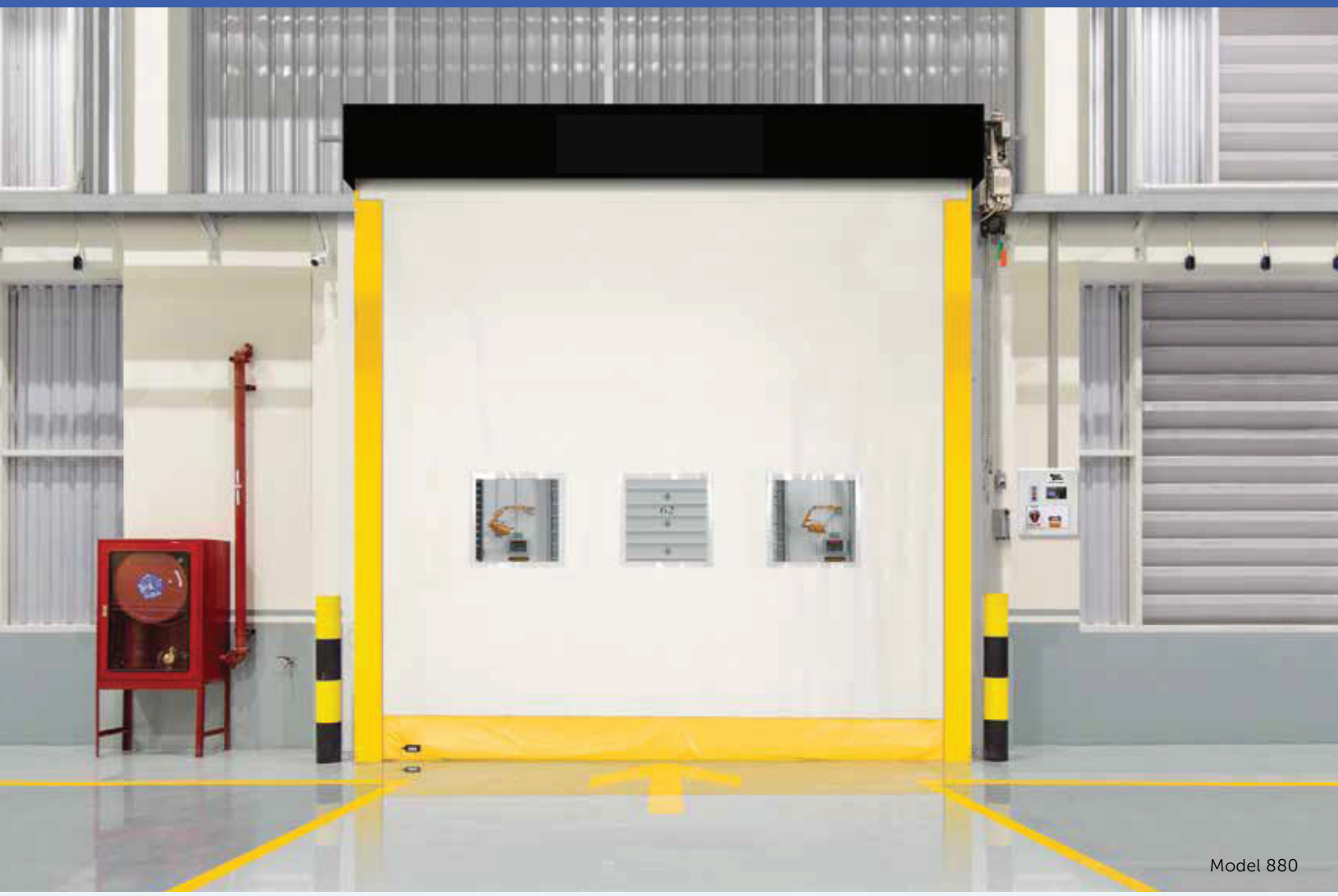
ALLIED
GARAGE DOOR, INC

HIGH SPEED, HIGH PERFORMANCE DOORS

Model 889

- 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 AND COOLER DOOR
- MODEL 888 METAL DOOR
- MODEL 889 FULL-VIEW METAL DOOR



Model 880

INNOVATIVE PATENT-PENDING DESIGN

- Curtain lock (Models 880 and 881)
- Roller windlock (Models 883 and 884)
- Breakaway 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

*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 (Models 880, 881, 882, 883, 884, 885, 887)
- Light curtain (Models 888 and 889)
- Wireless reversing edge
- Breakaway 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

*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)

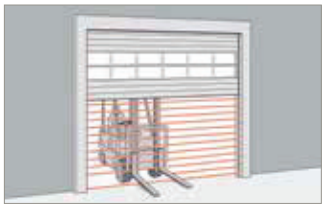
Flexible bottom bar with detachable bottom seal
For easy replacement and troubleshooting.
(Model 880 only)

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
Heavy-duty strut with roller wind lock enhances curtain strength. (Models 883 and 884 only)

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

Obstruction safety detection
Features 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
Onboard self diagnostic capabilities. Built-in service reminder. Ten programmable inputs and five programmable outputs. Padlockable fused disconnect.

1-phase NEMA 4X control panel*
Onboard self diagnostic capabilities. Works with 110-120V AC 1 PH†, 190-207V AC 1 PH† and 208-245V AC 1 PH† (†Requires stand-alone mounted transformer)

*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

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

FEATURES	FLEXIBLE BOTTOM FABRIC DOOR **MODEL 880**	FABRIC DOOR **MODEL 881**	STRUTTED FABRIC DOOR **MODEL 882**
GENERAL SPECIFICATIONS			
Application	Manufacturing; Distribution; Food/Beverage; Pharmaceutical	Manufacturing; Distribution; Food/Beverage; Cold Storage; Pharmaceutical	Manufacturing; Distribution; Auto/Transit; Food/Beverage; Cold Storage
Location of opening (mount)	**Interior**	**Interior**	**Interior/Exterior (mount inside/outside)**
Maximum width	12'	14'	16'
Maximum height	12'	14'	15'
Maximum opening speed	Up to 70" per second	Up to 70" per second	Up to 65" per second
Maximum closing speed	Up to 40" per second	Up to 40" per second	Up to 40" per second
Certified air tightness[1]	N/A	< 0.236 cfm/sq ft	N/A
Curtain lock	Yes	Yes	N/A
Breakaway self reset	Yes	Yes	Yes
Wind load[2]	Up to 3.0 psf	Up to 7.5 psf	Up to 4.0 psf
Wind strut	N/A	N/A	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	Interior: 2 layers of PVC-coated polyester with 1 layer of polyester weave **Interior/Exterior:** 3 layers of PVC-coated polyester with 2 layers of polyester weave
Vision	Optional 20" high vision panels spaced evenly across width of door	Optional 20" high vision panels spaced evenly across width of door	Optional 20" high vision panels spaced evenly across width of door
Operation	Direct drive motor and gearbox system with field changeable universal handing and door stop safety device	Direct drive motor and gearbox system with field changeable universal handing and door stop safety device	Direct drive motor and gearbox system with field changeable universal handing and door stop safety device
Control panel	Variable frequency drive NEMA 4X cULus listed; Onboard self-diagnostic and service reminder; Built-in padlockable fused disconnect	Variable frequency drive NEMA 4X cULus listed; Onboard self-diagnostic and service reminder; Built-in padlockable fused disconnect	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 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
Available supply voltages[3]	110-120V AC 1 PH, 190-207V AC 1PH†, 208-245V AC 1PH, 190-207V AC 3PH†, 208-245V AC 3PH, 456-495V AC 3PH, 575V 3PH† (†Requires stand-alone mounted transformer)	110-120V AC 1 PH, 190-207V AC 1PH†, 208-245V AC 1PH, 190-207V AC 3PH†, 208-245V AC 3PH, 456-495V AC 3PH, 575V 3PH† (†Requires stand-alone mounted transformer)	110-120V AC 1 PH, 190-207V AC 1PH†, 208-245V AC 1PH, 190-207V AC 3PH†, 208-245V AC 3PH, 456-495V AC 3PH, 575V 3PH† (†Requires stand-alone mounted transformer)
Hinged guides	Provide easy access for maintenance	Provide easy access for maintenance	Provide 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 fluctuations in the printing process. Always request a color sample from your Dealer for accurate color matching.	White Gray Red Blue FDA Royal Blue (Models 881 and 882 only) Orange (Models 881 and 882 only) Yellow (Models 881 and 882 only) Black (Models 881 and 882 only)		
Comments	[2]Wind load is the ultimate pressure tested at door width of 12'.	[1]Air tightness is independently tested to ASTM E283 test standard. [2]Wind load is the ultimate pressure tested at door width of 10'.	[2]Wind load is the ultimate pressure tested at door width of 16'.

STRUTTED HEAVY-DUTY FABRIC DOOR **MODEL 883**	STRUTTED MAXIMUM STRENGTH FABRIC DOOR **MODEL 884**
Manufacturing; Distribution; Auto/Transit; Parking; Food/Beverage	Manufacturing; Distribution; Mining; Auto/Transit; Parking
Exterior (mount inside/outside)	**Exterior (mount inside/outside)**
20'	24'
20'	18' at 24' wide or 20' at 23' wide
Up to 65" per second	Up to 55" per second
Up to 40" per second	Up to 40" per second
N/A	N/A
N/A	N/A
Yes	Yes
Up to 19.5 psf	Up to 22.0 psf
Metal struts with roller windlocks	4" articulating roller wind strut
3 layers of PVC-coated polyester with 2 layers of polyester weave	3 layers of PVC-coated polyester with 2 layers of polyester weave
Optional 20" high vision panels spaced evenly across width of door	Optional 20" high vision panels spaced evenly across width of door
Direct drive motor and gearbox system with field changeable universal handing and door stop safety device	Direct drive motor and gearbox system with field changeable universal handing and door stop safety device
Variable frequency drive NEMA 4X cULus listed; Onboard self-diagnostic and service reminder; Built-in padlockable fused disconnect	Variable frequency drive NEMA 4X cULus listed; Onboard self-diagnostic and service reminder; Built-in padlockable fused disconnect
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
Wireless reversing edge	Wireless reversing edge
110-120V AC 1 PH, 190-207V AC 1PH†, 208-245V AC 1PH, 190-207V AC 3PH†, 208-245V AC 3PH, 456-495V AC 3PH, 575V 3PH† (†Requires stand-alone mounted transformer)	190-207V AC 3PH†, 208-245VAC 3PH, 456-495V AC 3PH, 575V 3PH† (†Requires stand-alone mounted transformer)
Provide easy access for maintenance	Provide easy access for maintenance
5-Year Limited	5-Year Limited

Gray | Orange | Red | Blue

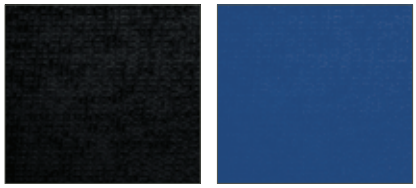
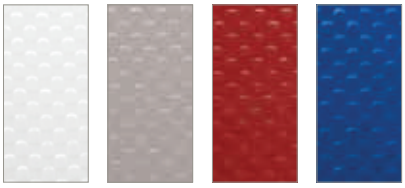
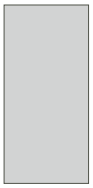
Above colors also available for Model 882 with optional Exterior/Interior curtain material

[2] Wind load is the ultimate pressure tested at door width of 20'.	[2] Wind load is the ultimate pressure tested at door width of 20'.

Model 881

Model 883

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

	MAXIMUM STRENGTH EXTREME RUBBER DOOR **MODEL 885**	FREEZER AND COOLER DOOR **MODEL 887**	METAL DOOR **MODEL 888**
FEATURES	**GENERAL SPECIFICATIONS**		
Application	Manufacturing; Distribution; Mining; Auto/Transit; Parking	Cold storage; Food/Beverage; Distribution	Parking garages; Manufacturing; Auto dealerships
Location of opening (mount)	**Exterior (mount inside/outside)**	**Interior**	**Interior/Exterior (mount inside)**
Maximum width	30'	12'	26'
Maximum height	30'	18'	21'
Maximum opening speed	Up to 50" per second	Up to 80" per second	Up to 80" per second
Maximum closing speed	Up to 40" per second	Up to 40" per second	Up to 20" per second
Certified air tightness[1]	N/A	N/A	N/A
Curtain lock	Yes	N/A	N/A
Breakaway self reset	Yes	Yes	N/A
Wind load[2]	Up to 27.0 psf	Up to 2.0 psf	Up to 100.0 psf*
Wind strut	N/A	N/A	N/A
Curtain material	5 layers of NBR rubber with 4 layers of polyester weave	2 layers of PVC-coated polyester with 1 layer of polyester weave and conductive plus radiant insulation	Dual-walled aluminum
Vision	Optional 10" x 20" vision panels (maximum quantity depending on door size)	N/A	Optional scratch-resistant polycarbonate panels
Operation	Direct drive motor and gearbox system with field changeable universal handing and door stop safety device	Direct drive motor and gearbox system with field changeable universal handing and door stop safety device	Direct drive motor and gearbox system with field changeable universal handing and door stop safety device
Control panel	Variable frequency drive NEMA 4X cULus listed; Onboard self-diagnostic and service reminder; Built-in padlockable fused disconnect	Variable frequency drive NEMA 4X cULus listed; Onboard self diagnostic and service reminder; Built-in padlockable fused disconnect; Includes power for guide heater and air curtain	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
Reversing safety edge	Wireless reversing edge	Wireless reversing edge	Wireless reversing edge
Available supply voltages[3]	190-207V AC 3PH†, 208-245V AC 3PH, 456-495V AC 3PH, 575V 3PH† (†Requires stand-alone mounted transformer)	208-245V AC 3PH, 456-495V AC 3PH, 575V 3PH† (†Requires stand-alone mounted transformer)	208-245V AC 3PH, 456-495V AC 3PH, 575V 3PH† (†Requires stand-alone mounted transformer)
Hinged guides	N/A	N/A	Provide easy access for maintenance
Warranty	5-Year Limited	5-Year Limited	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	 Black Blue	 White Gray Red Blue	 Silver powder coat Made to mimic anodized aluminum. Approximately 200 RAL powder coat color options available
Comments	[2] Wind load is the ultimate pressure tested at door width of 19'.	[2] Wind load is the ultimate pressure tested at door width of 10'. [3] Applications with air curtain may require 460V or 575V.	[2] Wind load is the ultimate pressure tested at door width of 15'. *Up to 50 psf with optional vision panels.

FULL-VIEW METAL DOOR

MODEL 889

Auto dealerships; Retail; Manufacturing
Interior/Exterior (mount inside)
20'
21'
Up to 80" per second
Up to 20" per second
N/A
N/A
N/A
Up to 50.0 psf
N/A
Aluminum and scratch-resistant polycarbonate
Scratch-resistant polycarbonate panels
Direct drive motor and gearbox system with field changeable universal handing and door stop safety device
Variable frequency drive NEMA 4X cULus listed; Onboard self diagnostic and service reminder Built-in padlockable fused disconnect
Integrated light curtain
Wireless reversing edge
208-245V AC 3PH, 456-495V AC 3PH, 575V 3PH† (†Requires stand-alone mounted transformer)
Provide easy access for maintenance
5-Year Limited

Silver powder coat Made to mimic anodized aluminum.

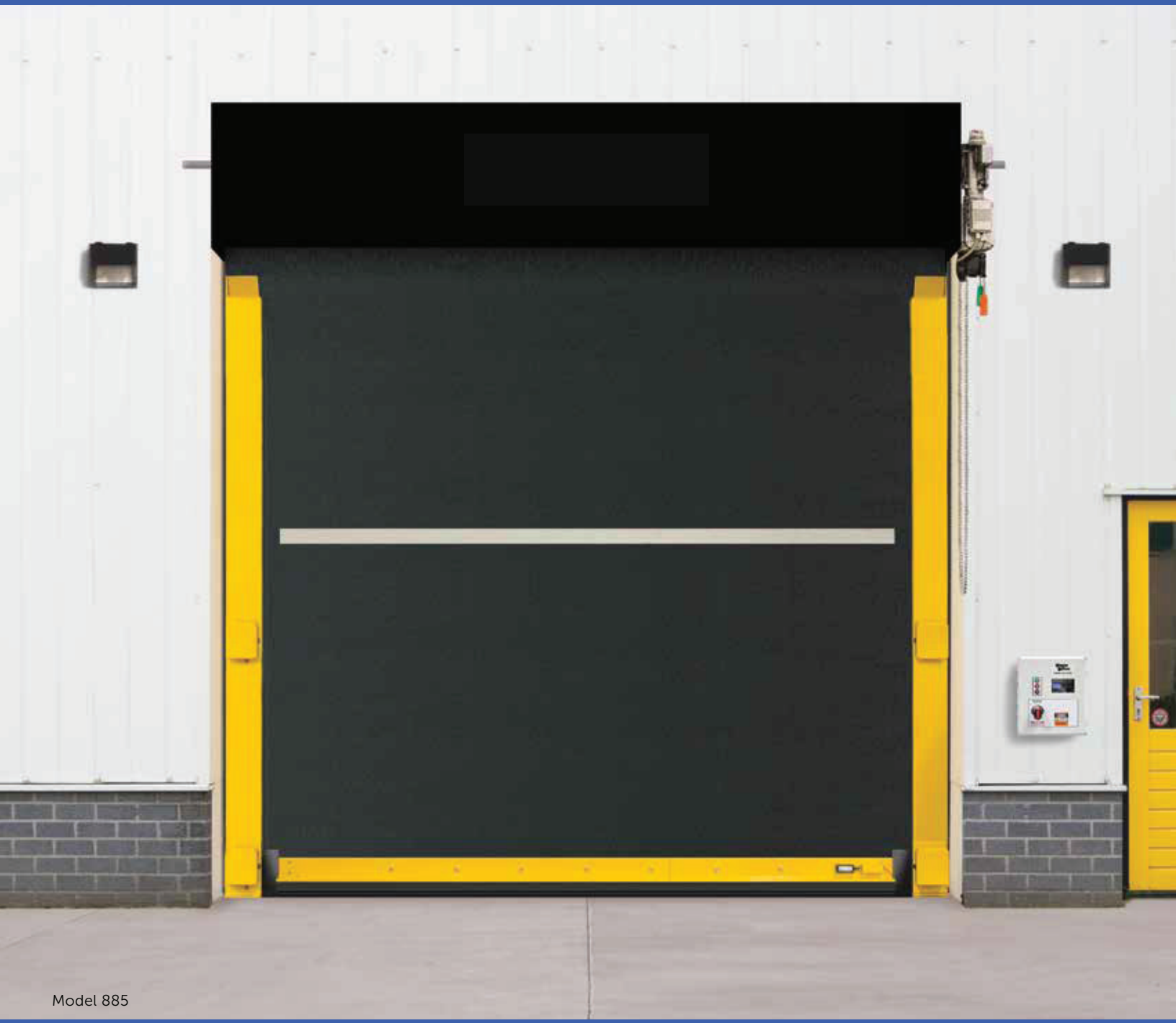
Approximately 200 RAL powder coat color options available

[2] Wind load is the ultimate pressure tested at door width of 15'.

Model 887

Model 888

HIGH SPEED, HIGH PERFORMANCE DOORS



Model 885

ALLIED
GARAGE DOOR, INC

sales@allieddoor.com | 800-660-1877