

Residential Garage Doors | Hurricane Ready

RAYNOR
GARAGE DOORS



RAYNOR
GARAGE DOORS

Hurricane Ready™
Residential Garage Doors



Hurricane Ready Residential Garage Doors Determine Your Requirements



Step 1:

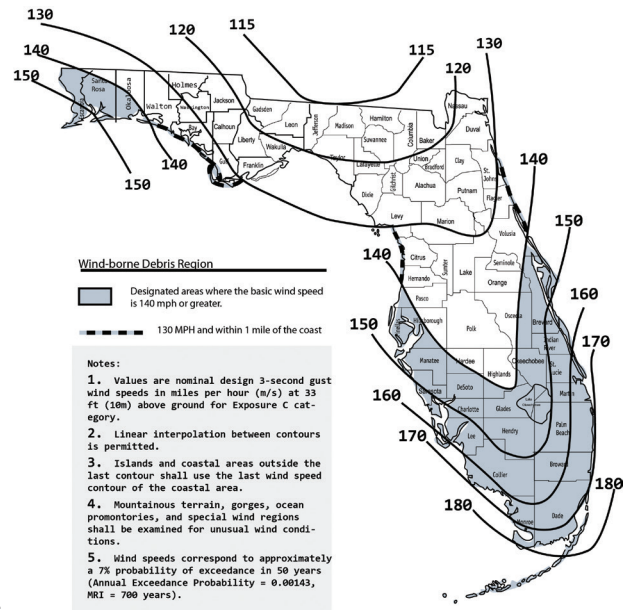
Determine the minimum wind speed (MPH) your door must meet or exceed from the map below, or go to www.atcouncil.org/windspeed. Determine if wind borne debris is applicable. See map below.

Wind Borne Debris

The wind borne debris region is also known as those areas that require the large missile impact rated door and/or windows. In Florida, being farther south and closer to the shoreline, it is more likely a home or building will be in the wind borne debris region or HVHZ (High Velocity Hurricane Zone - Dade and Broward counties).

Miami-Dade and Broward Counties require all garage doors meet the large missile impact rating, regardless if the garage door has windows or not.

Insurance companies sometimes give discounts for garage doors and other exterior building products that exceed the local building code, including meeting wind borne debris requirements not mandated. This means that installing a new garage door with the large missile impact rating may reduce your insurance premiums. Please check with your insurance agent for details.



Step 2:

Determine if your home is in an Exposure B, Exposure C or Exposure D region.

Exposure B

Urban and suburban areas, wooded areas or other terrain with numerous closely spaced obstructions.

Exposure C

Open terrain with scattered obstructions, including flat open ground and grasslands. All of Miami-Dade and Broward Counties is Exposure C, unless it meets Exposure D definition.

Exposure D

Within 600 ft. of the ocean front or other large body of water, measuring at least 5,000 ft. across. Contact building code official or DASMA Technical Data Sheet #155t for design pressures.

Step 3:

Determine the structural type of your home: one story or two story.

Step 4:

Using wind speed (MPH), exposure and structural type, find your required design pressure. See chart on opposite page.

Design Pressures

The design wind load pressure rating of a door as expressed in PSF (pounds per square foot). The design pressure of the door must equal or exceed the design pressure for the garage door opening in which a door is to be installed. Design pressure has positive and negative values.

Garage Door Wind Load Guide - Values in PSF											
Mean Roof Height	Door Size	Based on the 2010 and 2014 Florida Building Code & ASCE7-10, Exposure B, 115 - 200 MPH Ultimate Design Wind Speed, MPH (V _{ult})									
		Ultimate Wind Speed →	115 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH	190 MPH
Less Than 30 Feet	Single 9' x 7'	12.5	13.7	16.1	18.5	21.3	24.3	27.6	30.6	34.2	38.0
	Double 16' x 7'	12.0	13.1	15.5	17.7	20.4	23.3	26.4	29.3	32.7	36.4
		-14.2	-15.5	-18.2	-20.9	-24.1	-27.5	-31.2	-34.6	-38.6	-43.0
		-13.4	-14.6	-17.2	-19.7	-22.7	-26.0	-29.4	-32.6	-36.5	-40.6

Based on the 2010 and 2014 Florida Building Code & ASCE7-10, Exposure C, 115-200 MPH Ultimate Design Wind Speed, MPH (V _{ult})												
Mean Roof Height	Door Size	Based on the 2010 and 2014 Florida Building Code & ASCE7-10, Exposure C, 115-200 MPH Ultimate Design Wind Speed, MPH (V _{ult})										
		Ultimate Wind Speed →	115 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	175 MPH	180 MPH	190 MPH
15 Feet Single Story	Single 9'x7'	15.2	16.6	19.6	22.4	25.9	29.5	33.5	35.3	37.1	41.5	46.2
	Double 16' x 7'	14.6	15.9	18.8	21.5	24.8	28.3	32.1	33.8	35.5	39.8	44.2
		-17.2	-18.8	-22.2	-25.3	-29.2	-33.4	-37.8	-39.9	-42.0	-46.9	-52.2
		-16.2	-17.7	-20.9	-23.9	-27.6	-31.5	-35.7	-37.7	-39.6	-44.3	-49.3
25 Feet Double Story	Single 9'x7'	16.8	18.4	21.7	24.8	28.6	32.7	37.0	39.0	41.1	45.9	51.1
	Double 16'x7'	16.1	17.6	20.8	23.7	27.4	31.3	35.5	37.4	39.3	44.0	48.9
		-19.0	-20.8	-24.5	-28.0	-32.3	-36.9	-41.8	-44.1	-46.4	-51.9	-57.7
		-18.0	-19.6	-23.1	-26.5	-30.5	-34.9	-39.5	-41.7	-43.8	-49.0	-54.5

*Broward County is 170 MPH, Exposure C for most residential buildings.

**Miami-Dade county is 175 MPH, Exposure C for most residential buildings.

The design pressures listed are the minimum required. Recommended wind load levels meet or exceed the required design pressures.

MPH=miles per hour PSF= pounds per square foot

Based on the 2010 and 2014 Florida Building Code & ASCE7-10, Exposure D, 115-200 MPH Ultimate Design Wind Speed, MPH (V _{ult})												
Mean Roof Height	Door Size	Based on the 2010 and 2014 Florida Building Code & ASCE7-10, Exposure D, 115-200 MPH Ultimate Design Wind Speed, MPH (V _{ult})										
		Ultimate Wind Speed →	115 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	175 MPH	180 MPH	190 MPH
15 Feet Single Story	Single 9'x7'	18.4	20.1	23.8	27.2	31.3	35.8	40.6	42.7	45.0	50.3	55.9
	Double 16' x 7'	17.7	19.3	22.7	26.0	30.0	34.3	38.8	40.9	43.1	48.2	53.6
		-20.8	-22.8	-26.8	-30.7	-35.4	-40.5	-45.9	-48.3	-50.8	-56.9	-63.2
		-19.7	-21.5	-25.4	-29.0	-33.4	-38.2	-43.3	-45.6	-48.0	-53.7	-59.7
25 Feet Double Story	Single 9'x7'	20.1	21.9	25.8	29.5	34.1	38.9	44.1	46.5	48.9	54.7	60.8
	Double 16'x7'	19.2	21.0	24.7	28.3	32.6	37.3	42.2	44.5	46.8	52.4	58.2
		-22.7	-24.7	-29.2	-33.4	-38.5	-44.0	-49.9	-52.5	-55.3	-61.8	-68.7
		-21.4	-23.4	-27.6	-31.5	-36.4	-41.6	-47.1	-49.6	-52.2	-58.4	-64.9

Impact Windows

Raynor's impact and wind load rated windows are made from tough lightweight polycarbonate material that is durable, UV and scratch resistant, and housed in a colonial sized extruded aluminum frame. Available for BuildMark®, TradeMark™, ShowCase™ and Masterpiece™ doors.

Aspen™ AP138 & AP200



Color Options

Aspen™ Colors



*For woodtone doors

Insert Options

Aspen™ AP138 & AP200



BuildMark™ & TradeMark®



Color Options

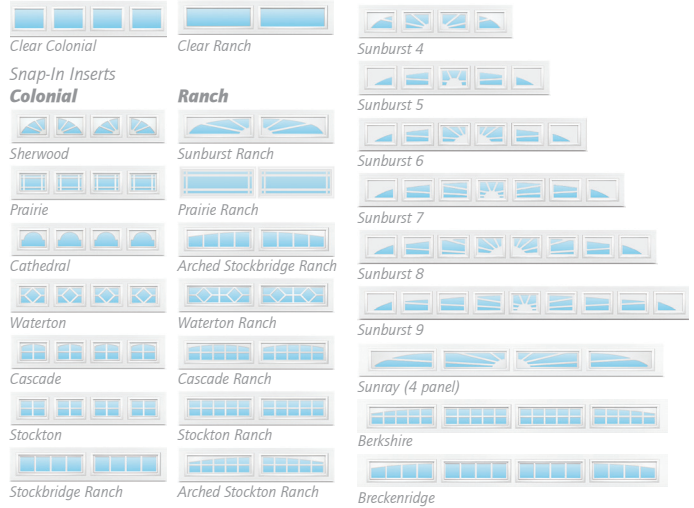
BuildMark® and TradeMark™ Colors



*For woodtone doors

Insert Options

BuildMark® and TradeMark™



ShowCase™

Color Options

ShowCase™ Colors



Insert Options

ShowCase™

Snap-In Inserts



Hurricane Ready™ Reinforcing System

Raynor provides a wide range of residential garage door models that meet the demands of the most rigorous wind load or impact rating guidelines. Raynor wind load systems meet or exceed the Florida Building Code (FBC) and are tested to ANSI/DASMA 108 & 115. Additionally, Raynor offers several models that meet Miami-Dade product requirements (TAS 201, 202, 203).

Horizontal Trussing



Raynor Hurricane Ready reinforcing systems utilize horizontal trussing, made from high-tensile steel box struts or u-bars, to create a door system built to withstand hurricane force winds.



Single or double end stiles are provided depending on wind load specifications. Both feature Raynor's heavy-duty diamond hinges.



Raynor's box strut design (Patent Pending) features a yellow cap at each end for safety and visibility.



Raynor's high-strength rollers are designed and tested to withstand hurricane force winds.

Vertical Post(s)



Raynor's hurricane post(s) are installed prior to a hurricane and provide strength right where you need it.



The top of the post is anchored to the header with heavy-duty galvanized hardware.



The middle of the door is strapped to the post to prevent the door from being pulled out of the opening from negative wind forces.



The bottom of the post is pinned to the floor with heavy-duty galvanized hardware.

Hardware Options

Decorative Hardware

Decorative handles and straps are optional on Aspen™, RockCreeke™, Masterpiece™, ShowCase™, TradeMark™, and BuildMark® doors.

Handles



Magnetic Sets



Straps



Hardware

Galvanized steel hardware

Galvanized hardware comes standard on Aspen™, RockCreeke™, Raynor StyleView™, ShowCase™, TradeMark™ and BuildMark® doors.

EnduraCote™ hardware

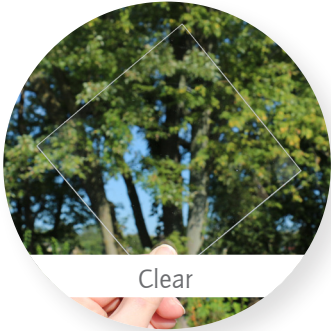
The EnduraCote Hardware System features extended-life black powder coated torsion springs and white powder coated track and hinges. Heavy-duty nylon rollers, with steel ball bearings, also help to provide superior noise reduction.

EnduraCote comes standard on Masterpiece™ doors and is optional on Aspen™, RockCreeke™ and Raynor StyleView™ doors.

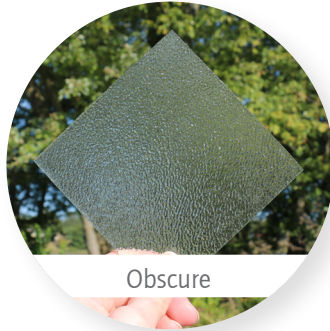


Glass Options - Non Impact Windows

Aspen™ AP200, AP138, TradeMark™, BuildMark®



Clear



Obscure



Satin

Window Options

Snap-In Inserts



Clear Colonial



Clear Ranch



Sunburst 6



Sunburst Ranch



Sherwood



Sunburst 7



Prairie Ranch



Prairie



Sunburst 8



Arched Stockbridge Ranch



Cathedral



Sunburst 9



Waterton Ranch



Waterton



Sunray (4 panel)



Cascade Ranch



Cascade



Berkshire



Stockton Ranch



Stockton



Breckenridge



Stockbridge Ranch



Arched Stockton Ranch



Sunburst 4



Sunburst 5

Masterpiece™, ShowCase™

Artistic Glass

Clear Beveled



Clear Diamond Colonial



Clear Diamond Ranch



Clear Prairie Colonial



Clear Prairie Ranch

Frosted Beveled



Frosted Diamond Colonial



Frosted Diamond Ranch



Frosted Prairie Colonial



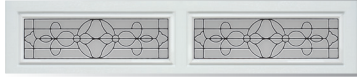
Frosted Prairie Ranch

Dimensions Glass

Frosted and Beveled with Caming



Regency Colonial



Antique Ranch



Oval/Diamond Frost Ranch



Black Caming

Standard Glass & Snap-In Inserts

Dress up our clear and obscure windows with a variety of snap in inserts.



Plain Ranch



Arched Stockton Ranch



Plain Colonial



Cascade Colonial



Stockton Ranch



Prairie Ranch



Sherwood Colonial



Sunburst Colonial



Cascade Ranch



Stockton Colonial



Cathedral Colonial



Sunray Ranch



Berkshire Ranch

Window designs shown may not be available on all sizes or models.

Garage Door Openers

Raynor offers a full line of residential openers, featuring a variety of horsepower and configuration options. All of our operators feature MyQ™ technology, a patented, two-way communication system that allows users to open and close the garage door and manage other household devices from anywhere in the world via a Smart Phone. Ask your authorized Raynor dealer about our residential openers, and select the ideal Raynor opener for your home.

Premium



Providing an exceptional solution for garages that don't allow for a traditional garage door opener. Prodigy II with WiFi is a space-saving, wall-mounted jackshaft opener. The ultra-quiet 24V DC motor-operated Prodigy II with WiFi mounts easily on the wall beside the garage door.



Providing an exceptional solution for garages that don't allow for a traditional garage door opener. Prodigy II is a space-saving, wall-mounted jackshaft opener. The ultra-quiet 24V DC motor-operated Prodigy II mounts easily on the wall beside the garage door.



General II with WiFi® features the quiet reliability of a belt drive opener combined with a battery backup. The General II with WiFi® features MyQ™ technology, a patented, two-way communication system that allows users to open and close the garage door and manage other household devices from anywhere in the world via a Smart Phone. Standard integrated WiFi® provides an all-in-one solution with free apps for Apple and Android.



Admiral II with WiFi® offers the quiet reliability of a DC belt driven opener, combined with a battery backup. The Admiral II with WiFi® features MyQ™ technology, a patented, two-way communication system that allows users to open and close the garage door and manage other household devices from anywhere in the world via a Smart Phone. Standard integrated WiFi® provides an all-in-one solution with free apps for Apple and Android.



Designed to handle even the heaviest doors, the Raynor Ultra II with WiFi® combines a chain drive with a 3/4 horsepower motor. A rugged I-beam rail and chassis support gives added strength and reliable operation. A dual-drive sprocket allows the opener's speed to be adjusted to optimize door and opener performance. Standard with integrated WiFi provides an all-in-one solution with free apps for Apple and Android.



Deluxe



The Aviator II with WiFi® garage door opener is powered by a 1/2 hp motor with a one-piece solid belt drive rail, for quiet-running performance. Standard with integrated WiFi provides an all-in-one solution with free apps for Apple and Android.



Reliable, effortless operation comes with the Pilot garage door opener, which is powered by a 1/2 hp motor with an industrial-strength chain drive. Comes standard with integrated WiFi providing an all-in-one solution. Free apps for Apple and Android.

Standard



A smooth-running 1/2 hp chain drive opener, the Corporal with WiFi® is dependable and secure. Designed for those who want an excellent combination of value and functionality with that everyday dependability of a Raynor opener. Standard with integrated WiFi provides an all-in-one solution with free apps for Apple and Android.



Designed for the consumer who values reliability, security and connectivity. The Sergeant II with WiFi® has built in technology to keep homeowners safe and secure while at home or away. This chain drive system offers quiet operation with industrial strength and is built to last. Standard with integrated WiFi provides an all-in-one solution with free apps for Apple and Android.



A smooth-running 1/2 hp belt drive opener, the Airman is dependable and secure. Designed for those who want an excellent combination of value and functionality with that everyday dependability of a Raynor opener.

RockCreeke™

Designed to provide unsurpassed character in a maintenance-free design, Raynor RockCreeke overlay doors feature an environmentally stable trim board material. With a long-lasting vinyl capstock, this trim board material has an attractive appearance that holds up over time. Best of all, the material technology can utilize "reclaimed" wood fiber and vinyl from post production processes, helping to save natural resources. And, with an R-value of 13, RockCreeke doors have durable 1 $\frac{3}{8}$ " polyurethane insulated base door sections for thermal efficiency and maximum structural integrity.

Colors

Standard Base Colors

White	Almond
Black	Bronze
Brown	Desert Tan
Sandstone	Charcoal

Standard Board Color

White

Optional Board Color

Almond	Black	Bronze
Brown	Desert Tan	Sandstone
Charcoal		



Door Sections*

"For As Long As You Own Your Home," against rust. Certain restrictions apply to corrosive airborne substances.

Hardware/Springs*

Hardware: 6 years
Springs: 3 years
EnduraCote: "For As Long As You Own Your Home"

R-value

12.0

*See www.raynor.com/products for complete Limited Warranty details.

2017 FLORIDA BUILDING CODE DESIGN LOADS FOR CATEGORY II OCCUPANCY

- Wind speed in Miles Per Hour (MPH) is for reference purposes only; reference the wind speed conversion charts for exact Design Loads or local Authority Having Jurisdiction (AHJ) to insure the door being specified meets the required Design Loads.

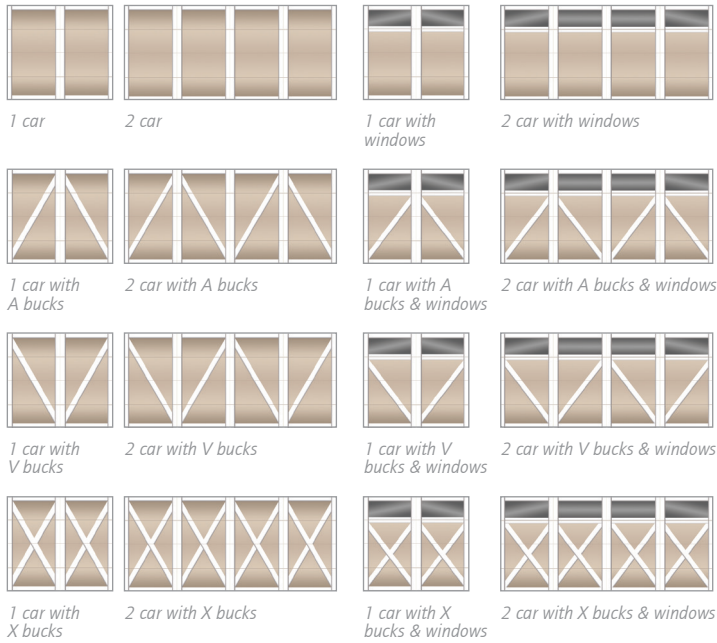
	MPH	110	115	120	130	140
9' x 7'	EXP B	11.4/-12.9	12.6/-14.2	13.7/-15.5	16.1/-18.2	18.5/-20.9
16' X 7'	EXP B	10.9/-12.2	12.0/-13.4	13.1/-14.6	15.5/-17.2	17.7/-19.7
UP TO 10' WIDE		Use 150 MPH	P-2346	P-2346	P-2346	P-2346
16' WIDE		Use 115 MPH	F: P-2347	P-2347	F: P-2347	P-2347
18' WIDE		Use 115 MPH	F: P-3340	P-3340	P-3340	P-3340

Panel Options

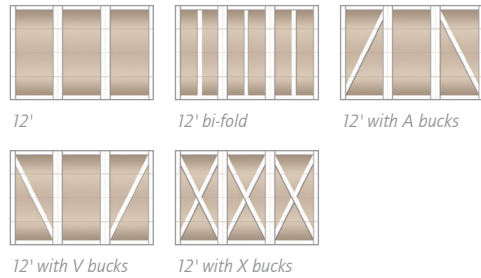
Door Styles: Simulated Swing-Out, Bi-fold, and Accordion (12' only)

Sizes: Height: up to 10' in 6" increments Widths: 8'0", 9'0", 10'0", 12'0", 16'0", 18'0"
 (Accordion style doors only available in 12' widths)

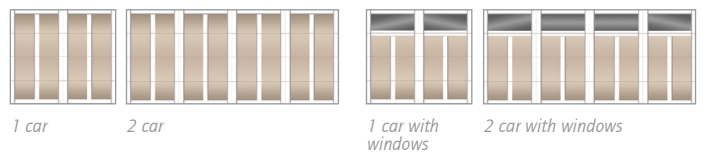
Swing-Out Single-Car and Double-Car Panel Configurations



Accordion Panel Configurations (Only Available in 12' widths)

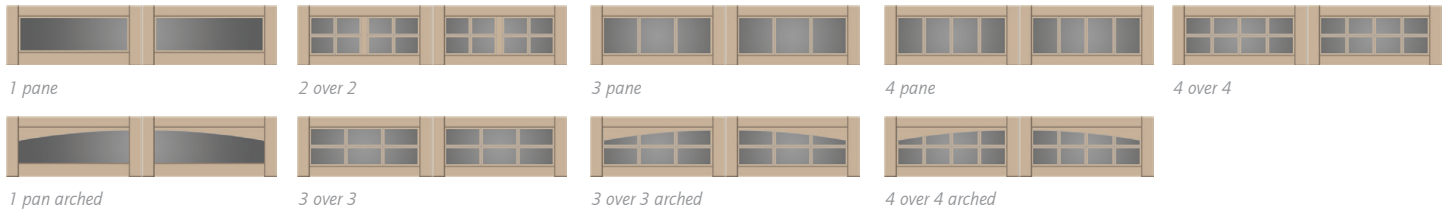


Bi-Fold



Window Options

Our beautiful window designs put the perfect finishing touch on your new Raynor RockCreeke garage door.



• Wind speeds in the charts are Ultimate Design Wind Speeds for 2017 Florida Building Code (FBC) Exposure B. Doors are rated by Design Loads, not Miles Per Hour. Design pressures may vary between door line. Refer to drawings for exact design load pressures.

150	160	170	180	190	200	200+
21.3/-24.1	24.3/-27.5	27.6/-31.2	30.6/-34.6	34.2/-38.6	38.0/-43.0	
20.4/-22.7	23.3/-26.0	26.4/-29.4	29.3/-32.6	32.7/-36.5	36.4/-40.6	
F: P-2346	P-2347	P-2347	P-2347	F: P-3340	F: P-3340	P-3340
P-3340	P-3340	P-3340	P-3340	P-3340		
P-3340	P-3340					

*P-xxxx = Drawing Number

Aspen Series™ | Aspen™ AP138

Aspen™ AP138

The Aspen™ model AP138 is a 1¾" thick, thermally efficient door, featuring Neufoam™ polyurethane insulation that fills 100% of the section's interior. Combine this with all the decorative options available, and you have a best-in-class door. The AP138 is ideal for moderate climates.

Colors Standard



Optional



Choose from over 1,800 colors for your custom painted garage door.

Optional Distinct Finish Woodtones

Oak woodgrain patterns run vertical between the embossed panels and horizontal with the rails to deliver a true grain appearance.

Optional Finishes



Door Sections*

*For As Long As You Own Your Home," against rust. Certain restrictions apply to corrosive airborne substances.

Hardware/Springs*

Hardware: 6 years
Springs: 3 years
EnduraCote: "For As Long As You Own Your Home"

R-value

13.0

*See www.raynor.com/products for complete Limited Warranty details.

2017 FLORIDA BUILDING CODE DESIGN LOADS FOR CATEGORY II OCCUPANCY

• Wind speed in Miles Per Hour (MPH) is for reference purposes only; reference the wind speed conversion charts for exact Design Loads or local Authority Having Jurisdiction (AHJ) to insure the door being specified meets the required Design Loads.

	MPH	110	115	120	130	140
9' x 7'	EXP B	11.4/-12.9	12.6/-14.2	13.7/-15.5	16.1/-18.2	18.5/-20.9
16' X 7'	EXP B	10.9/-12.2	12.0/-13.4	13.1/-14.6	15.5/-17.2	17.7/-19.7
9' WIDE		Use 170 MPH	Use 170 MPH	Use 170 MPH	Use 170 MPH	Use 170 MPH
10' WIDE		Use 150 MPH	Use 150 MPH	Use 150 MPH	Use 150 MPH	Use 150 MPH
16' WIDE		Use 115 MPH	F: P-2340 (12.0/-13.4) With Glass	Use 130 MPH	F: P-2341 (15.5/-19.7) With Glass	Use 200 MPH
18' WIDE		Use 115 MPH	F: P-2341 (12.3/-13.6) With Glass	Use 190 MPH	Use 190 MPH	IW: P-3341 (20.1/-22.7) Colonial Glass

N Tested But Not Certified **F** Florida Approved **IR** Impact Rated **IW** Impact Rated With Windows **D** Dade Co. Approved **T** Texas Dept. of Insurance Approved

Panel Options



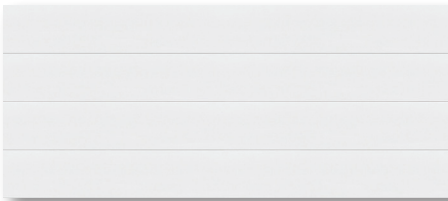
Raised Colonial



Raised Ranch



Flush



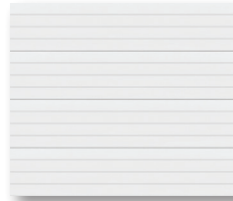
Recessed Colonial Grooved



Recessed Ranch Grooved



Plank (Beadline)

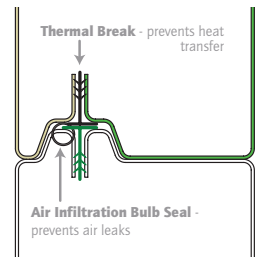


Mixed Raided Panel



WeatherLock™ Section Joints

Aspen™ doors incorporate Raynor's exclusive WeatherLock™ section joint. Raynor's proprietary modified tongue-in-groove joint provides exceptional strength, moving the joint forward to increase effectiveness of the air and water seal, keeping out unwanted water and air infiltration, while providing unyielding section strength and integrity.



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	150	160	170	180	190	200	200+
	21.3/-24.1	24.3/-27.5	27.6/-31.2	30.6/-34.6	34.2/-38.6	38.0/-43.0	
	20.4/-22.7	23.3/-26.0	26.4/-29.4	29.3/-32.6	32.7/-36.5	36.4/-40.6	
Use 170 MPH	Use 170 MPH	F: P-2340 (27.6/-31.2) With Glass	Use 200 MPH	Use 200 MPH	Use 200 MPH	F: P-2341 (49.0/-54.4) With Glass IW: P-3341 (55.0/-62.0) Colonial Glass	F: P-2342 (66.3/-73.0) No Glass IR: P-3342 (66.3/-73.0) No Glass IW, IR, F: P-3344 (55.0/62.0)
P: P-2340 (22.4/-25.3) With Glass	Use 200 MPH	Use 200 MPH	Use 200 MPH	Use 200 MPH	F: P-2342 (37.0/-45.0) No Glass IR: P-3342 (37.0/-45.0) No Glass	F: P-2341 (39.7/-44.1) With Glass	IW, IR, F: P-3344 (39.1/-43.5)
Use 200 MPH	Use 200 MPH	IW: P-3341 (29.3/-32.6) Colonial Glass	Use 200 MPH IW, IR, F: P-3344 (29.7/-3.1)	Use 200 MPH	Use 200 MPH	F: P-2342 (37.0/-45.0) No Glass IR: P-3342 (37.0/-45.0) No Glass	
Use 190 MPH IR, F: P-3344 (2.5/-24.7)	Use 190 MPH	Use 190 MPH	Use 190 MPH	Use 190 MPH	F: P-2342 (33.4/-36.7) No Glass IR: P-3342 (33.4/-36.7) No Glass		

*P-xxxx = Drawing Number

Aspen Series™ | Aspen™ AP200

Aspen™ AP200

The Aspen™ model AP200 is a 2" thick, thermally efficient door, featuring Neufoam™ polyurethane insulation that fills 100% of the section's interior. Combine this with all the decorative options available, and you have a best-in-class door that just can't be beat.

Colors Standard



Optional



Choose from over 1,800 colors for your custom painted garage door.

Optional Distinct Finish Woodtones*

Oak woodgrain patterns run vertical between the embossed panels and horizontal with the rails to deliver a true grain appearance.

Optional Finishes



Door Sections*

"For As Long As You Own Your Home," against rust. Certain restrictions apply to corrosive airborne substances.

Hardware/Springs*

Hardware: 6 years
Springs: 3 years
EnduraCote: "For As Long As You Own Your Home"

R-value

18.0

*See www.raynor.com/products for complete Limited Warranty details.

2017 FLORIDA BUILDING CODE DESIGN LOADS FOR CATEGORY II OCCUPANCY

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9' x 7'	EXP B	11.4/-12.9	12.6/-14.2	13.7/-15.5	16.1/-18.2	18.5/-20.9	21.3
16' X 7'	EXP B	10.9/-12.2	12.0/-13.4	13.1/-14.6	15.5/-17.2	17.7/-19.7	20.4
9' WIDE		Use 130 MPH	Use 130 MPH	Use 130 MPH	N: P-2339 (18.5/-20.9) With Glass	Use 200 MPH	Use 200 MPH
10' WIDE		Use 120 MPH	Use 130 MPH	N: P-2339 (15.0/-16.9) With Glass	Use 190 MPH	Use 190 MPH	Use 190 MPH
16' WIDE		Use 120 MPH	Use 120 MPH	F: P-2340 (13.7/-15.5) With Glass	F: P-2341 (17.8/-19.8) With Glass	Use 200+ MPH	Use 200+ MPH
18' WIDE		Use 120 MPH	Use 120 MPH	F: P-2340 (10.8/-12.2) With Glass	Use 190 MPH	Use 190 MPH	Use 190 MPH

N Tested But Not Certified **F** Florida Approved **IR** Impact Rated **IW** Impact Rated With Windows **D** Dade Co. Approved **T** Texas Dept. of Insurance Approved

Panel Options



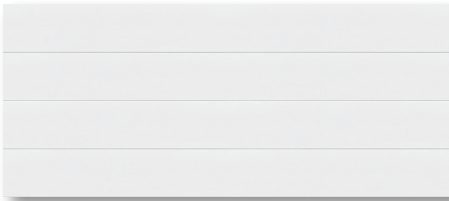
Raised Colonial



Raised Ranch



Flush



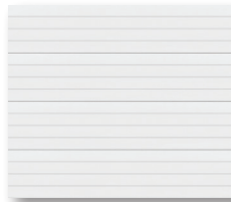
Recessed Colonial Grooved



Recessed Ranch Grooved



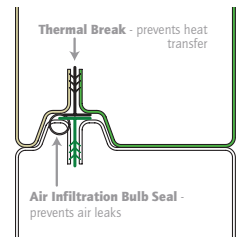
Plank (Beadline)



Mixed Raised Panel

WeatherLock™ Section Joints

Aspen™ doors incorporate Raynor's exclusive WeatherLock™ section joint. Raynor's proprietary modified tongue-in-groove joint provides exceptional strength, moving the joint forward to increase effectiveness of the air and water seal, keeping out unwanted water and air infiltration, while providing unyielding section strength and integrity.



- Wind speeds in the charts are Ultimate Design Wind Speeds for 2017 Florida Building Code (FBC) Exposure B. Doors are rated by Design Loads, not Miles Per Hour. Design pressures may vary between door line. Refer to drawings for exact design load pressures.

150	160	170	180	190	200	200+
3/-24.1	24.3/-27.5	27.6/-31.2	30.6/-34.6	34.2/-38.6	38.0/-43.0	
4/-22.7	23.3/-26.0	26.4/-29.4	29.3/-32.6	32.7/-36.5	36.4/-40.6	
200 MPH	Use 200 MPH	Use 200 MPH	Use 200 MPH	Use 200 MPH	F: P-2340 (43.2/-48.9) With Glass	F: P-2341 (56.1/-62.6) With Glass F: P-2342 (73.3/-80.0) No Glass IW: P-3341 (62.01/-69.0) Colonial Glass IR: P-3342 (73.3/-80.0) No Glass IW, IR, F: P-3344 (60.1/-65.0)
190 MPH	Use 190 MPH	Use 190 MPH	Use 190 MPH	F: P-2340 (35.0/-39.6) With Glass	Use 200 MPH	F: P-2341 (45.4/-50.7) With Glass F: P-2342 (45.0/-52.0) No Glass IR: P-3342 (45.0/-52.0) No Glass IW, IR, F: P-3344 (42.8/-47.6)
200+ MPH	Use 200+ MPH	Use 200+ MPH	Use 200+ MPH IW, IR, F: P-3344 (32.5/-35.9)	IW: P-3341 (36.5/-40.6) Colonial Glass	Use 200+ MPH	F: P-2342 (45.0/-52.0) No Glass IR: P-3342 (45.0/-52.0) No Glass
190 MPH	IW: P-3341 (23.3/-26.0) Colonial Glass IW, IR, F: P-3344 (24.5/-26.9)	Use 180 MPH	Use 190 MPH	F: P-2342 (33.4/-36.7) With Glass IR: P-3342 (33.4/-36.7) No Glass		

*P-xxxx = Drawing Number

Raynor StyleView™

An inspiration in both form and function, Raynor StyleView offers architectural flexibility, maximum visibility and extreme durability in maintenance-free aluminum doors. The Custom Profile, Wide Profile and Narrow Profile models feature a series of unprecedented designs, architectural glass options and 188 ArmorBrite™ powder coat or 7 anodized color finishes to showcase a home's unique flair. From modern styles to classic facades, Raynor StyleView is the choice for achieving a contemporary look or accentuating the design of any residence.

Colors

Standard Anodized Base Colors



Optional



Choose from over 188 Raynor ArmorBrite™ powder coat colors.



Door Sections*

"For As Long As You Own Your Home," against defects in material and workmanship.
5-year finish warranty

Hardware/Springs*

Hardware: 6 years
Springs: 3 years
EnduraCote: "For As Long As You Own Your Home"

*See www.raynor.com/products for complete Limited Warranty details.

2017 FLORIDA BUILDING CODE DESIGN LOADS FOR CATEGORY II OCCUPANCY

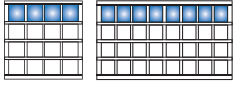
• Wind speed in Miles Per Hour (MPH) is for reference purposes only; reference the wind speed conversion charts for exact Design Loads or local Authority Having Jurisdiction (AHJ) to insure the door being specified meets the required Design Loads.

	MPH	110	115	120	130	140
9' x 7'	EXP B	11.4/-12.9	12.6/-14.2	13.7/-15.5	16.1/-18.2	18.5/-20.9
16' X 7'	EXP B	10.9/-12.2	12.0/-13.4	13.1/-14.6	15.5/-17.2	17.7/-19.7
9' WIDE		Use 180 MPH	Use 180 MPH	Use 180 MPH	Use 180 MPH	Use 180 MPH
10' WIDE		Use 180 MPH	Use 180 MPH	Use 180 MPH	Use 180 MPH	Use 180 MPH
14' WIDE		Use 120 MPH	Use 120 MPH	F: P-2411 (14.2/-15.8) With Glass	Use 160 MPH	Use 160 MPH
16' WIDE		Use 170 MPH	Use 170 MPH	Use 170 MPH	Use 170 MPH	Use 170 MPH

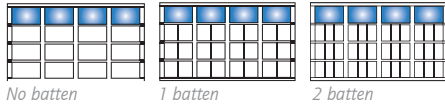
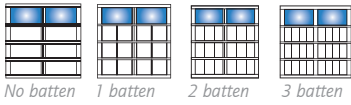
Panel Options

Custom Carriage House

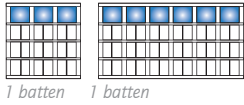
Swing-Up



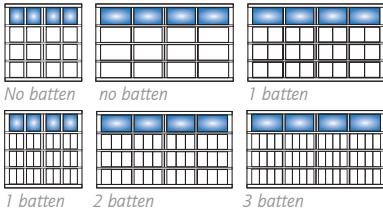
Swing-Out



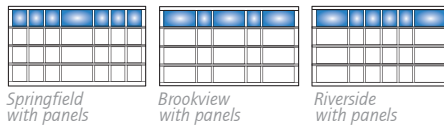
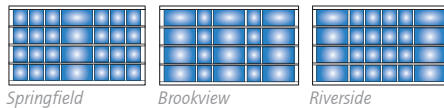
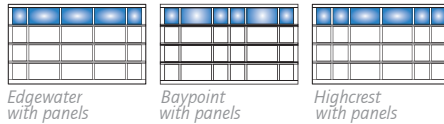
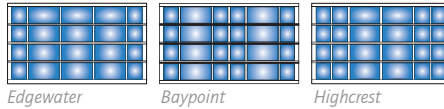
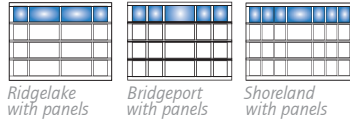
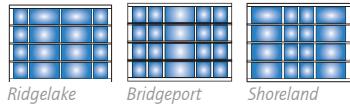
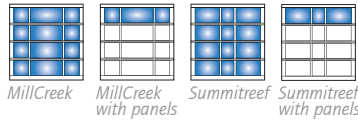
Accordion



Bi-Fold

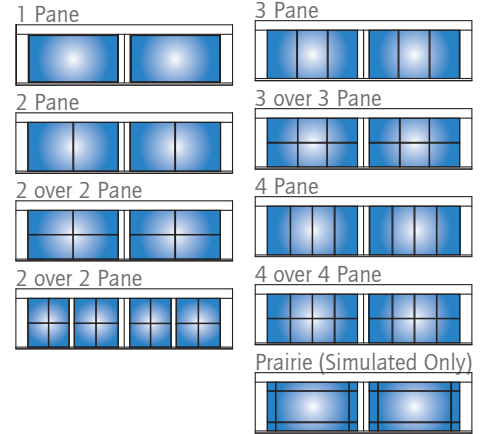


Custom Mixed Panel



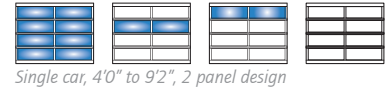
Window Options

Custom Carriage House



Wide Profile

Single Car

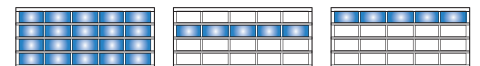


Single car, 4'0" to 9'2", 2 panel design



Single car, 9'3" to 12'2", 3 panel design

Double Car



Double car 12'3" to 20'0", 4&5 panel designs

• Wind speeds in the charts are Ultimate Design Wind Speeds for 2017 Florida Building Code (FBC) Exposure B. Doors are rated by Design Loads, not Miles Per Hour. Design pressures may vary between door line. Refer to drawings for exact design load pressures.

150	160	170	180	190	200	200+
21.3/-24.1	24.3/-27.5	27.6/-31.2	30.6/-34.6	34.2/-38.6	38.0/-43.0	
20.4/-22.7	23.3/-26.0	26.4/-29.4	29.3/-32.6	32.7/-36.5	36.4/-40.6	
Use 180 MPH	Use 180 MPH	Use 180 MPH	F: P-2412 (34.0/-38.5) With Glass			
Use 180 MPH	Use 180 MPH	Use 180 MPH	F: P-2412 (34.0/-38.5) With Glass			
Use 160 MPH	F: P-2410 (25.5/-28.5) With Glass	Use 200+ MPH	Use 200+ MPH	Use 200+ MPH	Use 200+ MPH	F: P-2409 (43.0/-48.0) With Glass F, IR, IW: P-3327 (43.0/-48.0) With impact Glass
Use 170 MPH	Use 170 MPH	F: P-2420 (27.5/-34.7) With Glass				

*P-xxxx = Drawing Number

Masterpiece™ & ShowCase™

The flagship of the Raynor Traditions Series, Raynor Masterpiece steel garage doors feature 2" thick sections, a continuous thermal break between sections, and expanded polystyrene insulation bonded between two steel skins for an outstanding 10.25 R-value. Masterpiece features the EnduraCote™ hardware system, while ShowCase uses galvanized hardware. Masterpiece and ShowCase doors are available in post, u-bar, and strut designs.

Colors

Standard

White	Clay Tone	Almond
Bronze	Desert Tan	Frost White*
Beige*	Sepia*	Dark Brown*

*Features the Kynar® paint process, which provides extended UV protection against fading.

Optional



Choose from over 1,800 colors for your custom painted garage door.



Door Sections*

"For As Long As You Own Your Home," against rust. Certain restrictions apply to corrosive airborne substances.

Hardware/Springs*

Masterpiece:
"For As Long As You Own Your Home"
ShowCase:
Hardware: 6-years
Spring: 3-years

R-value

10.25

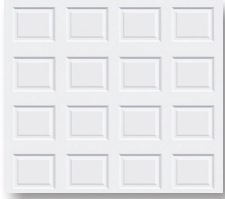
*See www.raynor.com/products for complete Limited Warranty details.

2017 FLORIDA BUILDING CODE DESIGN LOADS FOR CATEGORY II OCCUPANCY

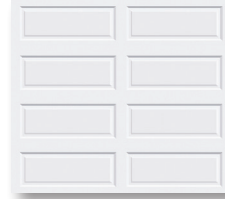
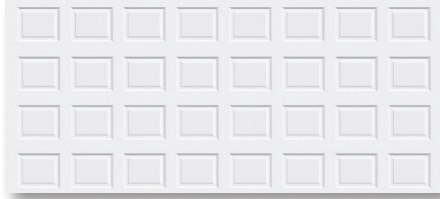
- Wind speed in Miles Per Hour (MPH) is for reference purposes only; reference the wind speed conversion charts for exact Design Loads or local Authority Having Jurisdiction (AHJ) to insure the door being specified meets the required Design Loads.

	MPH	110	115	120	130	140
9' x 7'	EXP B	11.4/-12.9	12.6/-14.2	13.7/-15.5	16.1/-18.2	18.5/-20.9
16' X 7'	EXP B	10.9/-12.2	12.0/-13.4	13.1/-14.6	15.5/-17.2	17.7/-19.7
9' WIDE		N: P-2312 (12.3/-13.7)	Use 160 MPH	Use 160 MPH	Use 160 MPH	Use 160 MPH
10' WIDE		Use 160 MPH	Use 160 MPH	Use 160 MPH	Use 160 MPH	Use 160 MPH
16' WIDE		Use 115 MPH	N: P-2313 (12.3/-13.7)	Use 140 MPH	Use 140 MPH	F: P-2365 (18.0/20.0) Colonial or Ranch Glass
18' WIDE		Use 140 MPH	Use 140 MPH	Use 140 MPH	Use 140 MPH	F: P-2418 (18/-20.0) Colonial or Ranch Glass

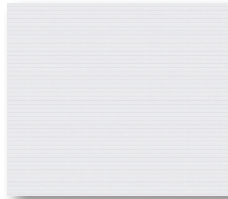
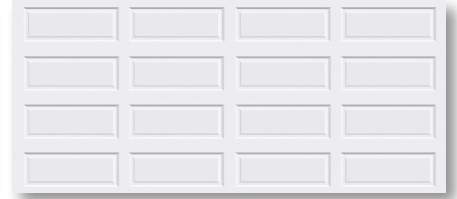
Panel Options



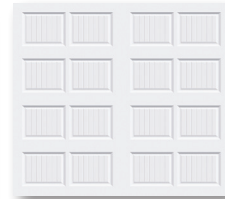
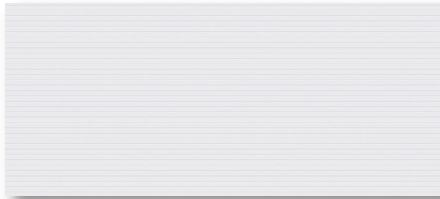
Raised Colonial



Raised Ranch



Beadline



Carriage House (Grooved)



Flush



• Wind speeds in the charts are Ultimate Design Wind Speeds for 2017 Florida Building Code (FBC) Exposure B. Doors are rated by Design Loads, not Miles Per Hour. Design pressures may vary between door line. Refer to drawings for exact design load pressures.

150	160	170	180	190	200	200+
21.3/-24.1	24.3/-27.5	27.6/-31.2	30.6/-34.6	34.2/-38.6	38.0/-43.0	
20.4/-22.7	23.3/-26.0	26.4/-29.4	29.3/-32.6	32.7/-36.5	36.4/-40.6	
Use 160 MPH	F: P-1339 (29.0/-32.5) Colonial or Ranch Glass	Use 200 MPH	Use 200 MPH	Use 200 MPH	F, IR, IW: P-3325 (41.6/-47.1) Colonial Glass	F, IR, D, T: P-3312 (65.0/-75.0)
Use 160 MPH	F: P-1339 (29.0/-32.5) Colonial or Ranch Glass	Use 200+ MPH	Use 200+ MPH	Use 200+ MPH	Use 200+ MPH	F, IR, D, T: P-3312 (56.4/-65.1)
Use 170 MPH	Use 170 MPH	F: P-2365 (26.4/29.4)	F, IR: P-3324 (29.7/-33.1) F, IR, IW: P-3332 (29.7/-33.1) Colonial Glass	Use 200+ MPH	Use 200+ MPH	F, IR, D, T: P-3312 (45.0/-52.0)
Use 160 MPH	F, IR, IW: P-3332 (23.5/-26.2) Colonial Glass	Use 200+ MPH	Use 200+ MPH	Use 200+ MPH	Use 200+ MPH	F, IR, D, T: P-3314 (43.5/-50.0)

*P-xxxx = Drawing Number

TradeMark™

The combination of durable, 24-gauge steel, defined raised panel styling and authentic woodgrain texture gives your home curb appeal with TradeMark steel garage doors. Add charm with colonial or ranch panels, or for a distinctive look on your home, choose the carriage house option. Optional polystyrene insulation can be added to provide additional comfort and help keep your garage quieter. TradeMark doors are available in both post and strut designs.

Colors

Standard



Optional



Choose from over 1,800 colors for your custom painted garage door.



Door Sections*

"For As Long As You Own Your Home," against rust. Certain restrictions apply to corrosive airborne substances.

Hardware/Springs*

Hardware: 6 years
Springs: 3 years

R-value

6.6 with optional insulation

*See www.raynor.com/products for complete Limited Warranty details.

2017 FLORIDA BUILDING CODE DESIGN LOADS FOR CATEGORY II OCCUPANCY

• Wind speed in Miles Per Hour (MPH) is for reference purposes only; reference the wind speed conversion charts for exact Design Loads or local Authority Having Jurisdiction (AHJ) to insure the door being specified meets the required Design Loads.

	MPH	110	115	120	130	140
9' x 7'	EXP B	11.4/-12.9	12.6/-14.2	13.7/-15.5	16.1/-18.2	18.5/-20.9
16' X 7'	EXP B	10.9/-12.2	12.0/-13.4	13.1/-14.6	15.5/-17.2	17.7/-19.7
9' WIDE		Use 115 MPH	N: P-2392 (12.8/-14.5) Colonial Or Ranch Glass	Use 140 MPH	Use 140 MPH	F: P-2300 (18.5/-20.9) Colonial or Ranch Glass
10' WIDE	USE 16' WIDE DRAWINGS					
16' WIDE		Use 115 MPH	N: P-2326 (12.3/-13.7)	Use 130 MPH	F: P-2357 (16.0/-17.7) Colonial Glass	F: P-2358 (18.0/-22.7) Colonial Glass
18' WIDE		Use 130 MPH	Use 130 MPH	Use 130 MPH	F: P-2417 (16.0/-18.0) Colonial Glass	Use 160 MPH

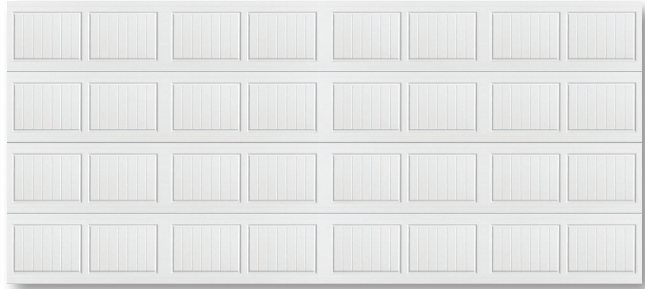
Panel Options



Raised Colonial



Raised Ranch



Recessed Colonial Grooved

• Wind speeds in the charts are Ultimate Design Wind Speeds for 2017 Florida Building Code (FBC) Exposure B. Doors are rated by Design Loads, not Miles Per Hour. Design pressures may vary between door line. Refer to drawings for exact design load pressures.

150	160	170	180	190	200	200+
21.3/-24.1	24.3/-27.5	27.6/-31.2	30.6/-34.6	34.2/-38.6	38.0/-43.0	
20.4/-22.7	23.3/-26.0	26.4/-29.4	29.3/-32.6	32.7/-36.5	36.4/-40.6	
Use 160 MPH	F: P-2301 (24.8/-28.0) Colonial or Ranch Glass	Use 180 MPH	F: P-2301 (31.0/-35.1) Colonial Glass (3) stiles	Use 200 MPH	F, IR: P-3321 (41.6/-47.1) F, IR, IW: P-3322 (41.6/-47.1) Colonial Glass	F, IR, D, T: P-3307 (65.0/-75.0)
						F, IR, D: P-3307 (56.4/65.1)
Use 180 MPH	Use 180 MPH	Use 180 MPH	F, IR: P-3321 (29.7/-33.1) F: P-2416 (30.0/-33.5) N: P-2460 (29.7/-33.1) Colonial Glass F, IR, IW: P-3331 (29.7/-33.1) Colonial Glass	Use 200 MPH	F, IR: P-3318 (39.3/-43.8)	F, IR, D, T: P-3307 (45.0/-52.0) F, IR: P-3361 (47.3/-47.3) F, IR, D, T: P-3308 (43.5/-50.0)
Use 160 MPH	F: P-3333 (23.5/-26.2) Colonial Glass	Use 200+ MPH	Use 200+ MPH	Use 200+ MPH	Use 200+ MPH	F, IR, D, T: P-3308 (43.5/-50.0)

*P-xxxx = Drawing Number

BuildMark®

This steel garage door design offers a traditional look at an affordable price. Choose from the time-honored ranch and colonial patterns or customize your garage with a carriage house design. Optional polystyrene insulation can be added to provide additional comfort and help keep your garage quieter. BuildMark doors are available in both u-bar and box strut designs.

Colors

Standard



Optional



Choose from over 1,800 colors for your custom painted garage door.



Door Sections*

"For As Long As You Own Your Home," against rust. Certain restrictions apply to corrosive airborne substances.

Hardware/Springs*

Hardware: 6 years
Springs: 3 years

R-value

6.6 with optional insulation

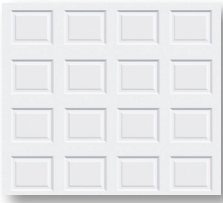
*See www.raynor.com/products for complete Limited Warranty details.

2017 FLORIDA BUILDING CODE DESIGN LOADS FOR CATEGORY II OCCUPANCY

• Wind speed in Miles Per Hour (MPH) is for reference purposes only; reference the wind speed conversion charts for exact Design Loads or local Authority Having Jurisdiction (AHJ) to insure the door being specified meets the required Design Loads.

	MPH	110	115	120	130	140
9' x 7'	EXP B	11.4/-12.9	12.6/-14.2	13.7/-15.5	16.1/-18.2	18.5/-20.9
16' X 7'	EXP B	10.9/-12.2	12.0/-13.4	13.1/-14.6	15.5/-17.2	17.7/-19.7
9' WIDE		Use 115 MPH	N: P-2392 (12.8/-14.5) Colonial Or Ranch Glass	Use 140 MPH	Use 140 MPH	F: P-2300 (18.5/-20.9) Colonial or Ranch Glass
10' WIDE	USE 16' WIDE DRAWINGS					
16' WIDE		Use 115 MPH	N: P-2326(12.3/-13.7)	Use 130 MPH	F: P-2357 (16.0/-17.7) Colonial Glass	F: P-2358 (18.0/-22.7) Colonial Glass
18' WIDE		Use 130 MPH	Use 130 MPH	Use 130 MPH	F: P-2417 (16.0/-18.0) Colonial Glass	Use 160 MPH

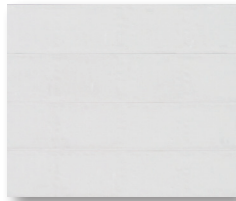
Panel Options



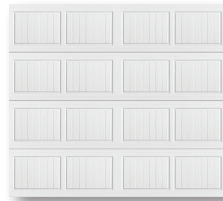
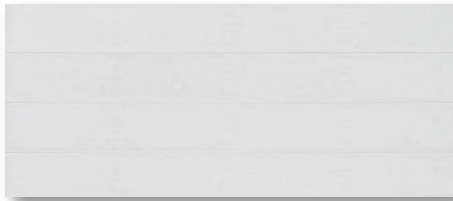
Raised Colonial



Raised Ranch



Flush



Recessed Colonial Grooved



- Wind speeds in the charts are Ultimate Design Wind Speeds for 2017 Florida Building Code (FBC) Exposure B. Doors are rated by Design Loads, not Miles Per Hour. Design pressures may vary between door line. Refer to drawings for exact design load pressures.

150	160	170	180	190	200	200+
21.3/-24.1	24.3/-27.5	27.6/-31.2	30.6/-34.6	34.2/-38.6	38.0/-43.0	
20.4/-22.7	23.3/-26.0	26.4/-29.4	29.3/-32.6	32.7/-36.5	36.4/-40.6	
Use 160 MPH	F: P-2301 (24.8/-28.0) Ranch Glass Colonial Glass	Use 180 MPH	F: P-2301 (31.0/-35.1) Colonial Glass (3) stiles	Use 200 MPH	F, IR: P-3321 (41.6/-47.1) F, IR, IW: P-3322 (41.6/-47.1) Colonial Glass	
Use 180 MPH	Use 180 MPH	Use 180 MPH	F, IR: P-3321 (29.7/-33.1) F: P-2416 (30.0/-33.5) N: P-2460 (29.7/-33.1) Colonial Glass F, IR, IW: P-3331 (29.7/-33.1) Colonial Glass	Use 200 MPH	F, IR: P-3318 (39.3/-43.8)	F, IR: P-3361 (47.3/-47.3)
Use 160 MPH	F, IR, IW: P-3333 (23.5/-26.2) Colonial Glass	Use 200 MPH	Use 200 MPH	Use 200 MPH	F, IR: P-3317 (37.4/-41.7)	

*P-xxxx = Drawing Number



Professional Installation and Service

Depend on your Raynor Dealer

When you select Raynor, you're not just getting a superior garage door - you're also getting professional garage door installation and service expertise.

Every Raynor garage door is installed by a trained Raynor professional, and that means added benefits for you. First, you won't have to deal with it yourself. Second, because it's done right the first time, your door will deliver performance and reliability from the day it's installed. Your technician will check your door for everything from safety to performance and appearance. Trust your Raynor garage door to someone who knows it better than anyone else, your professional Raynor Dealer.



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