

American Rivers[™]

C O L L E C T I O N




RAYNOR[®]



Columbia, I-car with arch top & no windows

Since the inception of the automobile in the early twentieth century, the once freestanding garage has been incorporated into a home's design and its architecture. Today a garage door can make a statement, reflecting the unique style and personality of a home and its owner.

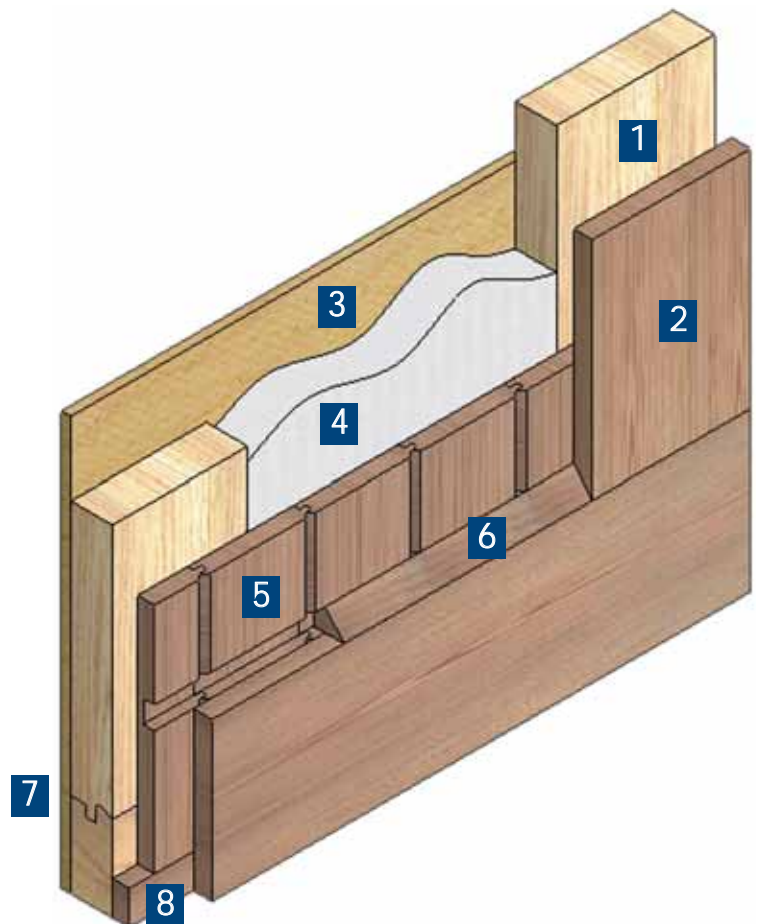
Hand-crafted with care, as doors were over 100 years ago, the American Rivers Collection™ adds architectural detail and elegance to any home. Inspired by the heritage of custom-made carriage doors, this collection complements the unique facade of both significant older homes and newly designed residences. Appearing to swing, fold or slide open like old fashioned carriage doors, the American Rivers Collection™ will integrate into your home's design providing architectural continuity and unsurpassed character.

style begins with craftsmanship.



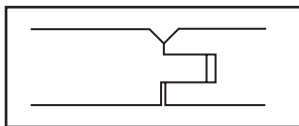
Savannah, 1-car with square top, 4 lites across, 2-over-2 pane

*You can't truly achieve
architectural style if your door's
beauty is only skin deep.
That's why each American
Rivers design is crafted using
only the finest woods and
materials - from the inside out.*

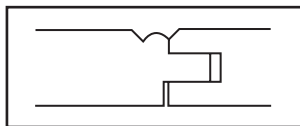




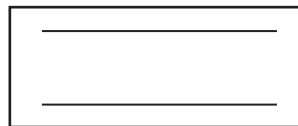
1. solid douglas fir frame. Providing unsurpassed strength and structural integrity, doors are framed using high-density, non-finger jointed, 1 3/8" thick (35mm) Douglas Fir. **2. trim boards.** Available standard in Western Red Cedar, while African Mahogany is optional. Western Red Cedar features a durable and attractive facade with natural tannin oils acting as preservatives to resist decay and insects. African Mahogany offers decay resistance and stability in an exotic look with a beauty, elegance and strength that is impossible to match. **3. exterior-grade plywood.** The door's interior is backed with 1/4" exterior-grade plywood. No footballs or patches are allowed, resulting in a smooth finished appearance that readily accepts stain or paint. **4. polystyrene insulation.** American Rivers doors are insulated with 1 3/8" thick CFC-free expanded polystyrene, providing an R-value of 7.70. **5. surface material.** Choose from Western Red Cedar or African Mahogany surface material in 4" or 6" v-groove or bead-board millwork options. Both Western Red Cedar and African Mahogany have a rich grain texture and warm tonal range that presents an outstanding surface for either stain or paint. Also available is flush medium density overlay (MDO). This smooth surface provides an excellent primed area for painted doors. **6. integrated drip cap.** A specially-crafted drip cap in the bottom section channels water away from the face of the door. **7. cope & stick joinery.** Cope & stick joinery (mortise tenon joint) provides increased strength and stability. **8. filler strip.** The filler strip protects the door's surface material endgrain from direct moisture exposure.



V-Groove (Cedar or Mahogany) Boards cut at a 45° angle and fit together to form a V-groove. Available in either 3" or 5" groove to groove dimensions.



Bead-Board (Cedar or Mahogany) 1/8" rounded profile, spaced approximately 1 1/2" apart, run vertically on tongue and groove lumber (wainscoting).



Flush (MDO) Smooth surface provides a flat exterior surface primed for painted doors.



American Rivers doors are also available for various windload applications. Contact your Raynor dealer for additional details.

American Rivers™

C O L L E C T I O N

model overview.

Vermilion™

The simplicity of Vermilion reminds you of one-piece swing up doors of the past. Windows are added to break up the strong vertical orientation of the design, creating the perfect complement to modern, traditional or rustic architecture.



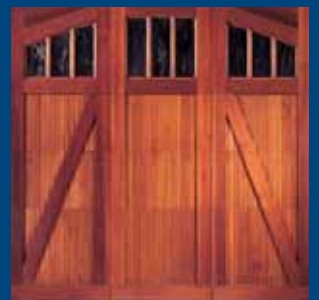
Columbia™

The classic split-look of Columbia is reminiscent of swing out doors from turn-of-the-century carriage houses, country homes and cottages. Cross bucks and windows add variety to the design, while accenting with optional wrought iron handles and hinges complete the look.



Potomac™

The three-segment Potomac may look like it accords to the side, but horizontal section breaks allow the door to open upward. Half bucks add character to the design, while the arch top satisfies architectural styles that dictate a curved top appearance.



Savannah™

Savannah imitates the classic beauty and strength of bi-fold carriage doors with its four-segment facade. Windows offer great variety to the design, often balancing a homes architectural period and style.





Vermilion, 1-car with square top, 4 lites across, 3-over-3 pane

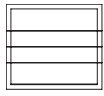
Vermilion™

simulates 1-piece swing-up style.

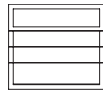
The simplicity of Vermilion reminds you of one-piece swing up doors of the past. Windows are added to break up the strong vertical orientation of the design, creating the perfect complement to modern, traditional or rustic architecture.

# of Simulated Vertical Segments	Size Availability	Top Bucks	Decorative Bucks	Finish	
1-segment	Width: 6'-0" – 18'-0" Height: 6'-0" – 9'-0" (Max Sizes: 18" x 8" & 16' x 9")	Available (must have top buck with windows)	X-Buck Horizontal Bucks Vertical Battens	Paint-grade (white primed), Stain-grade (natural/no finish) Stain-grade (select/no finish)	
Glass Type	# of Lites Across	Pane Pattern	Environmental Borate Treatment	Track/Hardware Finish	Decorative Hardware
Clear 1/8" DSB, Water Glass, Insulated, None	Single Car: 2, 3, 4 Double Car: 4, 6, 8	1-pane, 2-pane, 3-pane, 4-pane, 2-over-2, 3-over-3, 4-over-4 (2 & 3 lites across only), 9-pane prairie	Available (extends warranty to 3 years)	Galvanized (standard), Antique Copper or White Powdercoat (optional)	Handles available

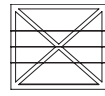
single-car panel configurations.¹



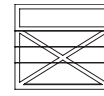
square top



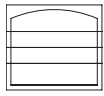
square top with top buck



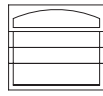
square top with X buck



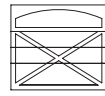
square top with top buck & X buck



arch top

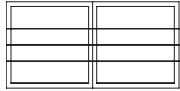


arch top with top buck

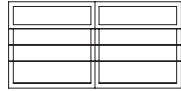


arch top with top buck & X buck

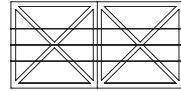
double-car panel configurations - without simulated center post.²



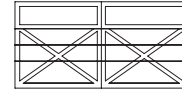
square top



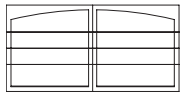
square top with top buck



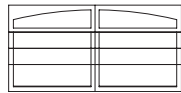
square top with X buck



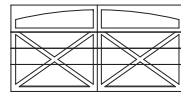
square top with top buck & X buck



arch top

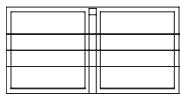


arch top with top buck

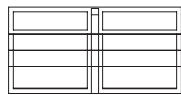


arch top with top buck & X buck

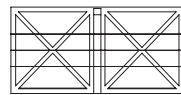
double-car panel configurations - with simulated center post.²



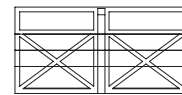
square top



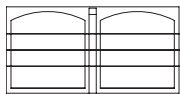
square top with top buck



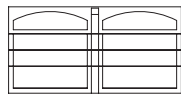
square top with X buck



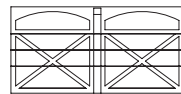
square top with top buck & X buck



arch top



arch top with top buck



arch top with top buck & X buck

¹single-car configurations shown in 9' x 8' sizes

²double-car configurations shown in 16' x 8' sizes

millwork options



4" v-groove



6" v-groove



bead-board



flush (MDO) *Paint Grade Only*



millwork options



4" v-groove



6" v-groove



bead-board



flush (MDO) *Paint Grade Only*

The classic split-look of Columbia is reminiscent of swing out doors from turn-of-the-century carriage houses, country homes and cottages. Cross bucks and windows add variety to the design, while accenting with optional wrought iron handles and hinges complete the look.

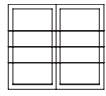
Columbia™

Columbia, 1-car with arch top, X buck, 2 lites across, 3-over-3 pane with Raynor IronWare™ decorative hardware

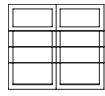
simulates swing-out style.

# of Simulated Vertical Segments	Size Availability	Top Bucks	Decorative Bucks	Finish	
2-segment	Width: 6'-0" – 18'-0" Height: 6'-0" – 9'-0" <i>(Max Sizes: 18' x 8" & 16' x 9")</i>	Available <i>(must have top buck with windows)</i>	A-Buck, V-Buck, X-Buck Horizontal Bucks Vertical Battons	Paint-grade (white primed), Stain-grade (natural/no finish) Stain-grade (select/no finish)	
Glass Type	# of Lites Across	Pane Pattern	Environmental Borate Treatment	Track/Hardware Finish	Decorative Hardware
Clear 1/8" DSB, Water Glass, Insulated, None	Single Car: 2 or 4 Double Car: 4 or 8	1-pane, 2-pane, 3-pane, 4-pane, 2-over-2, 3-over-3, 4-over-4, 9-pane prairie	Available <i>(extends warranty to 3 years)</i>	Galvanized <i>(standard)</i> , Antique Copper or White Powdercoat <i>(optional)</i>	Handles and 36" hinge straps available

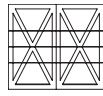
single-car panel configurations.¹



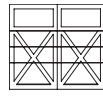
square top



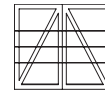
square top
with top buck



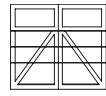
square top with
X buck



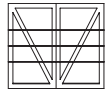
square top with top
buck & X buck



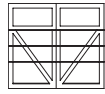
square top with A
buck



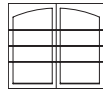
square top with top
buck & A buck



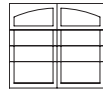
square top with
V buck



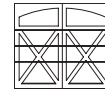
square top with top
buck & V buck



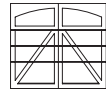
arch top



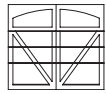
arch top with
top buck



arch top with top
buck & X buck

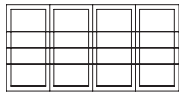


arch top with top
buck & A buck

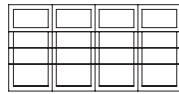


arch top with top
buck & V buck

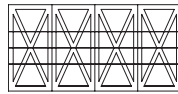
double-car panel configurations - without simulated center post.²



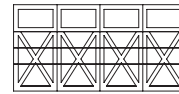
square top



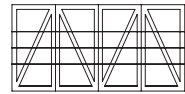
square top with top buck



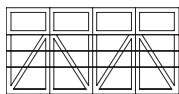
square top with X buck



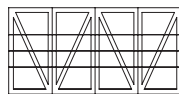
square top with top
buck & X buck



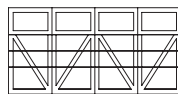
square top with A buck



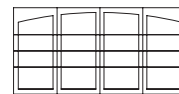
square top with
top buck & A buck



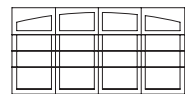
square top with V buck



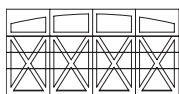
square top with top
buck & V buck



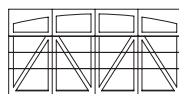
arch top



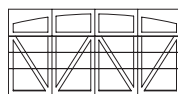
arch top with top buck



arch top with top
buck & X buck

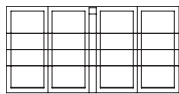


arch top with top buck &
A buck

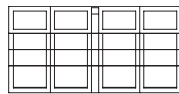


arch top with top buck
& V buck

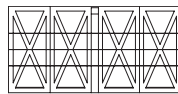
double-car panel configurations - with simulated center post.²



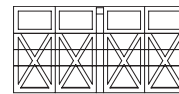
square top



square top with top buck



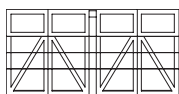
square top with X buck



square top with top
buck & X buck



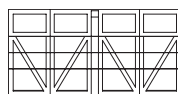
square top with A buck



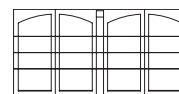
square top with
top buck & A buck



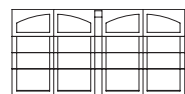
square top with V buck



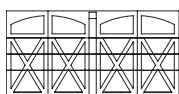
square top with top
buck & V buck



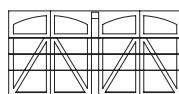
arch top



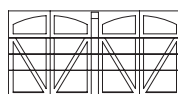
arch top with top buck



arch top with top
buck & X buck



arch top with top buck
& A buck



arch top with top buck
& V buck

¹single-car configurations shown in 9' x 8' sizes
²double-car configurations shown in 16' x 8' sizes



Potomac, 1-car with arch top, A buck, 3 lites across, 3 pane

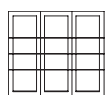
Potomac™

simulates side accordion style.

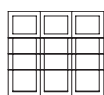
The three-segment Potomac may look like it accords to the side, but horizontal section breaks allow the door to open upward. Half bucks add character to the design, while the arch top satisfies architectural styles that dictate a curved top appearance.

# of Simulated Vertical Segments		Size Availability	Top Bucks	Decorative Bucks	Finish
3-segment		Width: 6'-0" – 18'-0" Height: 6'-0" – 9'-0" (Max Sizes: 18' x 8' & 16' x 9')	Available (must have top buck with windows)	A-Buck, V-Buck Horizontal Bucks Vertical Battens	Paint-grade (white primed), Stain-grade (natural/no finish) Stain-grade (select/no finish)
Glass Type	# of Lites Across	Pane Pattern	Environmental Borate Treatment	Track/Hardware Finish	Decorative Hardware
Clear 1/8" DSB, Water Glass, Insulated, None	Single Car: 3 Double Car: 6	1-pane, 2-pane, 3-pane, 4-pane, 2-over-2, 3-over-3, 4-over-4 (2 & 3 lites across only), 9-pane prairie	Available (extends warranty to 3 years)	Galvanized (standard), Antique Copper or White Powdercoat (optional)	Handles and 22" hinge straps available

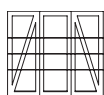
single-car panel configurations.¹



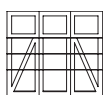
square top



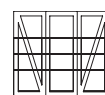
square top
with top buck



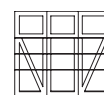
square top with
A buck



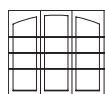
square top with top
buck & A buck



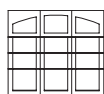
square top with
V buck



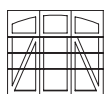
square top with top
buck & V buck



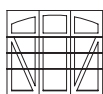
arch top



arch top with
top buck

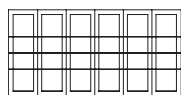


arch top with top
buck & A buck

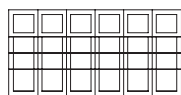


arch top with top
buck & V Buck

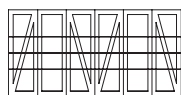
double-car panel configurations - without simulated center post.²



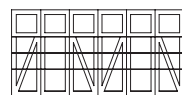
square top



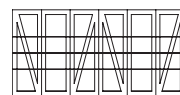
square top with top buck



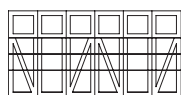
square top with A buck



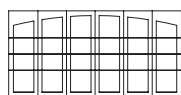
square top with top
buck & A buck



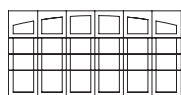
square top with V buck



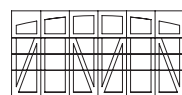
square top with
top buck & V buck



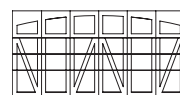
arch top



arch top with top buck

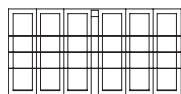


arch top with top buck
and A buck

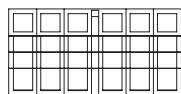


arch top with top buck
& V buck

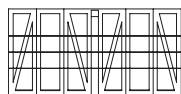
double-car panel configurations - with simulated center post.²



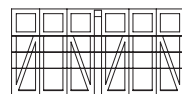
square top



square top with top buck



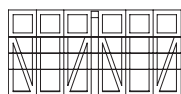
square top with A buck



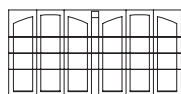
square top with top
buck & A buck



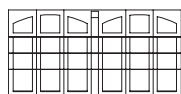
square top with V buck



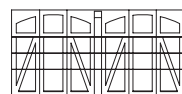
square top with
top buck & V buck



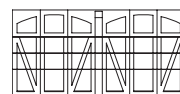
arch top



arch top with top buck



arch top with top buck
and A buck



arch top with top buck
& V buck

¹single-car configurations shown in 9' x 8' sizes

²double-car configurations shown in 16' x 8' sizes

millwork options



4" v-groove



6" v-groove



bead-board



flush (MDO) *Paint Grade Only*



Savannah, 1-car with arch top, 4 lites across, 3-over-3 pane

Savannah™

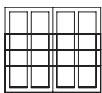
simulates **bi-fold** style.

Savannah imitates the classic beauty and strength of bi-fold carriage doors with its four-segment facade. Windows offer great variety to the design, often balancing a homes architectural period and style.

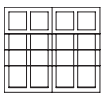
# of Simulated Vertical Segments		Size Availability	Top Bucks	Decorative Bucks	Finish
4-segment		Width: 6'-0" – 18'-0" Height: 6'-0" – 9'-0" <i>(Max Sizes: 18' x 8" & 16' x 9")</i>	Available <i>(must have top buck with windows)</i>	Horizontal Bucks Vertical Battons	Paint-grade (white primed), Stain-grade (natural/no finish) Stain-grade (select/no finish)
Glass Type	# of Lites Across	Pane Pattern	Environmental Borate Treatment	Track/Hardware Finish	Decorative Hardware
Clear 1/8" DSB, Water Glass, Insulated, None	Single Car: 2 or 4 Double Car: 4 or 8	1-pane, 2-pane, 3-pane, 4-pane, 2-over-2, 3-over-3, 9-pane prairie	Available <i>(extends warranty to 3 years)</i>	Galvanized <i>(standard)</i> , Antique Copper or White Powdercoat <i>(optional)</i>	Handles and 17" hinge straps available



single-car panel configurations.¹



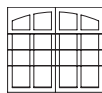
square top



square top
with top buck

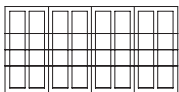


arch top

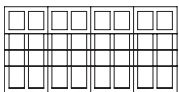


arch top with top
buck

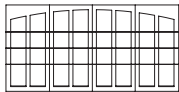
double-car panel configurations - without simulated center post.²



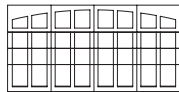
square top



square top with top buck

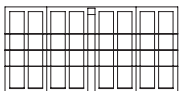


arch top

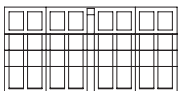


arch top with top
buck

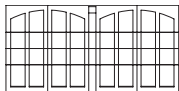
double-car panel configurations - with simulated center post.²



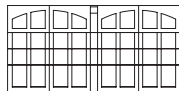
square top



square top with top buck



arch top



arch top with top
buck

¹single-car configurations shown in 9' x 8' sizes

²double-car configurations shown in 16' x 8' sizes

millwork options



4" v-groove



6" v-groove



bead-board



flush (MDO) *Paint Grade Only*

reflect your style with the element of glass.



1



2

Add flair to your American Rivers Collection™ door with window and glass options. Choose from arch tops or square tops in various pane configurations. (see chart at right) Also select from three glass options.

1. water glass. Reminiscent of antique float glass, water glass elegantly adds old-world style with true divided lites. **2. clear glass.** For an unobscured view, clear 1/8" DSB (double strength) glass is also available with true divided lites. **Insulated glass (not pictured).** For increased thermal efficiency clear insulated glass is available with simulated divided lites.

	Vermilion ¹ Columbia ² Savannah ⁴ (1-car door)	Vermilion ¹ Potomac ³ (1-car door)	Vermilion ¹ Columbia ² Savannah ⁴ (1-car door)
	2 lites across	3 lites across	4 lites across
1-pane			
2-pane			
3-pane			
4-pane			
2-over-2			
3-over-3			
4-over-4			
9-pane prairie			
1-pane			
2-pane			
3-pane			
4-pane			
2-over-2			
3-over-3			
4-over-4			

¹Vermilion 2-car doors available with 4, 6 & 8 lites across.

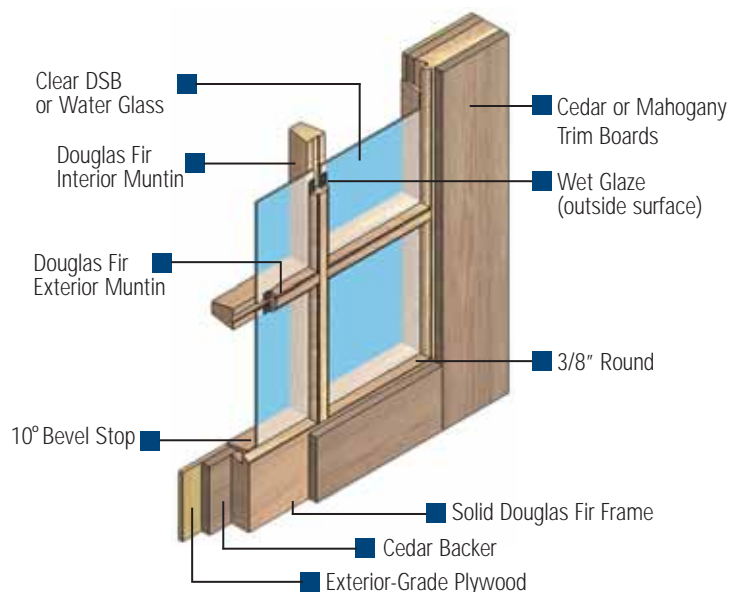
(As shown to the right, Vermilion has no center vertical split.)

²Columbia 2-car doors available with 4 or 8 lites across.

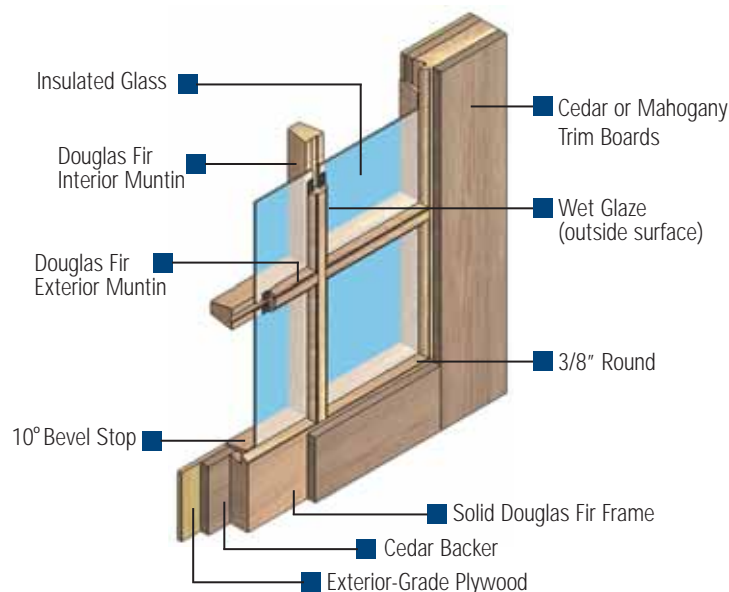
³Potomac 2-car doors available with 6 lites across.

⁴Savannah 2-car doors available with 4 or 8 lites across.

True-Divided Lites - Water & Clear Glass



Simulated Divided Lites - Insulated Glass



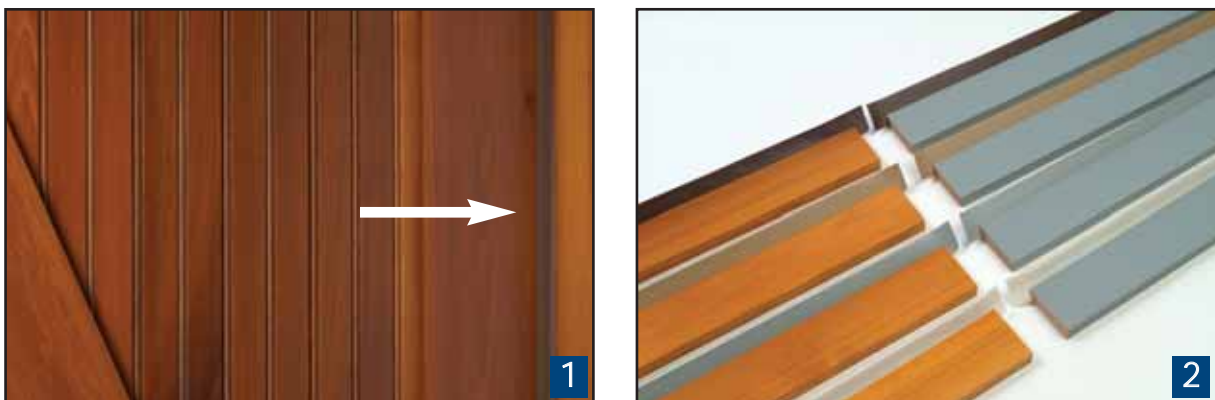
explore the hardware behind it all.



1. finished interior. The interior of American Rivers Collection™ doors are backed with 1/4" exterior-grade plywood. No footballs or patches are allowed, resulting in a smooth finished appearance that readily accepts stain or paint. **2. extra heavy-duty hardware.** Operation is smooth and reliable with commercial-grade heavy-duty hardware, including precision ball-bearing nylon-tired rollers and full-angle mount (pictured). **3. standard galvanized finish.** All interior steel hardware comes standard with a galvanized finish. **4. antique copper powdercoat finish.** For a more polished and historic look, choose an optional antique copper powdercoat finish, an excellent complement on stained doors. **5. white powdercoat finish.** For painted doors, choose an optional white powdercoated finish.

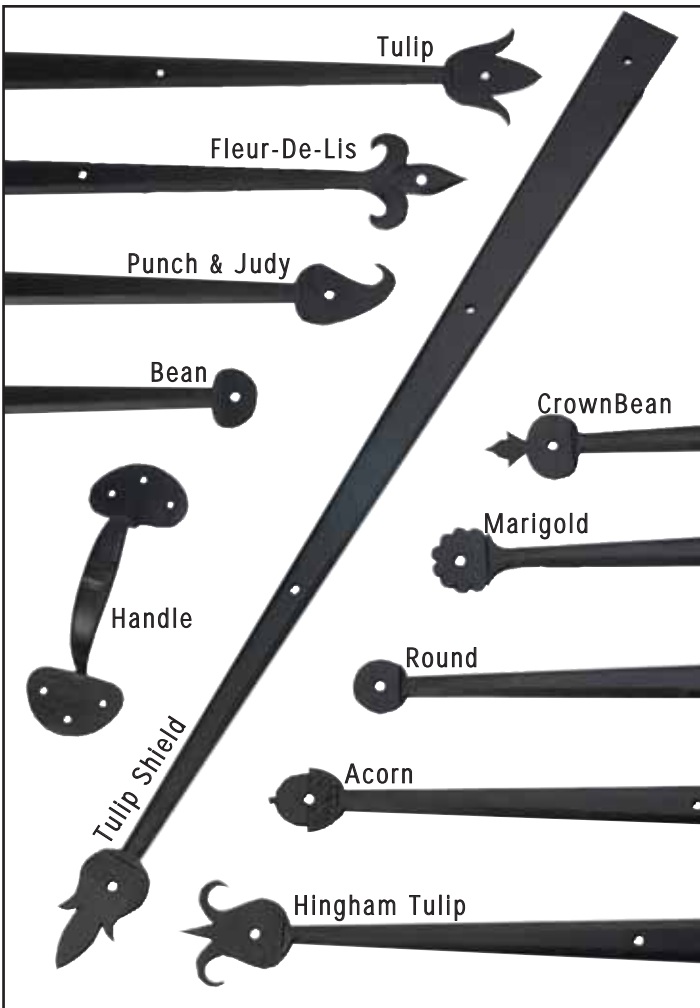


seal out the weather.



1. climate seal. Climate seal along the sides and top of the door helps seal out wind and rain. **2. four blade colors.** Seal comes standard to match your door in either stainable-grade finish or prime-painted gray. Vinyl blades are available in 4 standard colors: white, gray, tan or brown.

character is in the details.



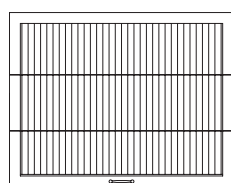
In the details. That's where character is found. Historically-accurate hinge straps and handles are hand-crafted and forged by modern blacksmiths to give your American Rivers doors added authenticity.

Crafted to replicate the style of 18th and 19th century hardware, the Raynor IronWare Series™ offers handles along with 10 strap designs to complement your American Rivers Collection™ door.

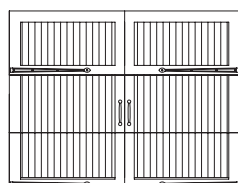
All Raynor IronWare Series™ hardware is hand forged hot-rolled steel with a black powdercoat finish. To complete the look, fasteners are square head black wood screws. Straps are available in a variety of sizes. Due to the handcrafted nature of these authentic pieces dimensions will have slight variances.



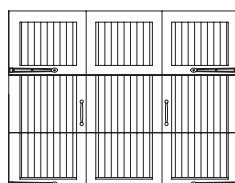
single-car decorative hardware configurations.¹



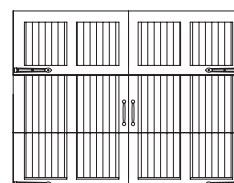
Vermilion



Columbia

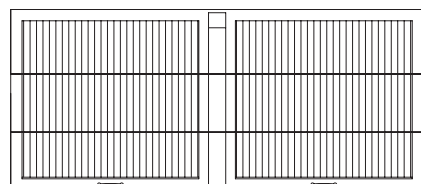


Potomac

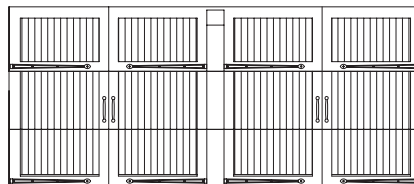


Savannah

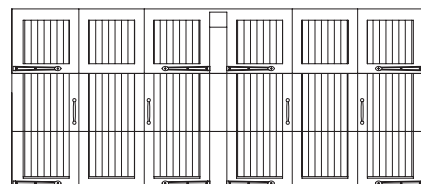
double-car decorative hardware configurations.²



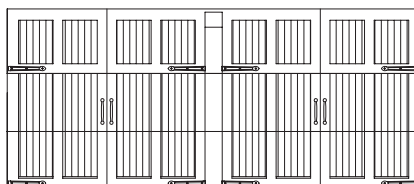
Vermilion



Columbia



Potomac



Savannah

¹single-car configurations shown in 9' x 7' sizes

²double-car configurations shown in 16' x 7' sizes - with simulated pillar post

american rivers collection™ limited warranty.

Door Sections:

Standard: 2 years

With Environmental Borate Treatment: 3 years

(Recommended for coastal environments. The Douglas Fir door frame is treated with EPS-approved Borate Rods to reduce the possibility of termites, carpenter ants, a variety of beetles, and many other wood-boring species.)

Hardware/Springs:

Galvanized: 1 year

Antique Copper or White Powdercoated: 2 years

**See your Raynor dealer for a detailed copy of the warranty.*

Raynor Ultra - the perfect match for your American Rivers door.



3/4 Horsepower Chain Operation

Designed to handle even the heaviest American Rivers Collection™ doors, the Raynor Ultra combines a 3/4 hp motor with a rugged I-beam rail and chassis support for added strength and reliable operation. A dual-drive sprocket allows the opener's speed to be adjusted to optimize door and opener performance.

Each unit comes standard with a premium motion-detecting control panel, burled walnut 3-button remote control with rolling code security technology and 200 watts of lighting for brighter illumination.

Lifetime Motor Warranty - 5 Year Parts

American Rivers[™]

C O L L E C T I O N



www.raynor.com



1-800-4-RAYNOR (472-9667)

Raynor Worldwide
P.O. Box 448, 1101 East River Road
Dixon, IL 61021-0448