

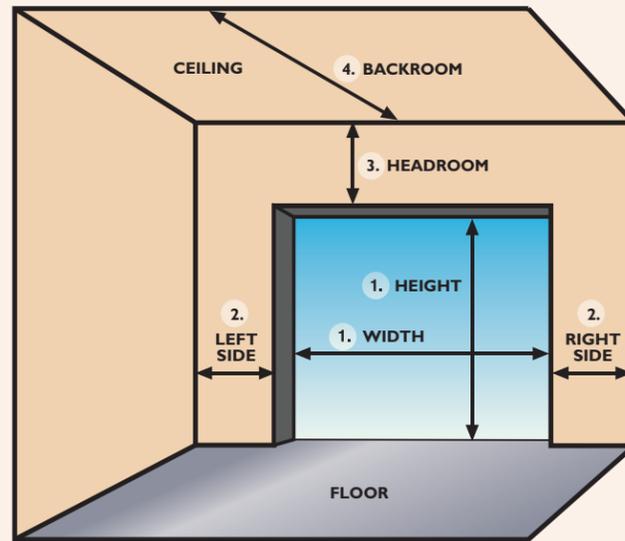
ITEMS NEEDED BEFORE INSTALLING YOUR GARAGE DOOR

MEASURING FOR YOUR DOOR

1. Measure existing door width and height in feet and inches. This determines the size of door needed. The rough opening should be the same size as the door.
Width: _____ Height: _____
2. Measure for sideroom: $3\frac{3}{4}$ " is required on each side for installation of the vertical track for standard extension or torsion springs, or EZ-SET® Torsion Spring.
Sideroom: _____
3. Measure area labeled "headroom"—distance between the top of the door opening ("jamb header") and the ceiling (or first obstruction, ex: light fixture). 11" is required for standard installation of extension springs; 12" on standard torsion springs and EZ-SET® Torsion Spring. If you have restricted headroom, special hardware is available. Low headroom hardware is available to reduce requirement to as low as $4\frac{1}{2}$ " (minimum with standard extension spring). EZ-SET® Torsion Spring low headroom requirement is $9\frac{1}{2}$ ". Note: If door height extends above the opening, the headroom measurement should be adjusted accordingly.
Existing headroom: _____
Headroom needed: _____
4. Measure area labeled "backroom"—distance is measured from the garage door opening toward the back wall of the garage.
Backroom: _____

Common garage door widths include 8', 9', 16' and 18'. Common garage door heights include 7' and 8'. See Menards Team Member for additional size availability.

NOTE: On 8' and 9' wide doors, a reinforcement strut must be purchased if an automatic garage door opener is installed. The majority of homes today have automatic garage door openers. Therefore, Ideal doors do not include a lock. If desired, an easy-to-install, heavy-duty, keyed lock is available.



Headroom/Sideroom Requirements

	EXTENSION SPRING	TORSION SPRING	EZ-SET® TORSION SPRING	SIDEROOM
12" TRACK RADIUS	11"	12"	12"	$3\frac{3}{4}$ "
15" TRACK RADIUS	$14\frac{1}{2}$ "	$15\frac{1}{2}$ "	14"	$3\frac{3}{4}$ "
LOW HEADROOM DOUBLE TRACK (standard)	$6\frac{1}{2}$ "	10"	$9\frac{1}{2}$ "	6"
LOW HEADROOM DOUBLE TRACK (rear mount)	n/a	7"	n/a	6"

TOOLS NEEDED...

- Tape Measure
 - Level
 - Pliers
 - Step Ladder
 - Screwdriver
 - Saw
 - Claw Hammer
 - Sawhorses
 - $\frac{7}{16}$ ", $\frac{1}{2}$ " & $\frac{9}{16}$ " Sockets and Ratchet
 - Drill with $\frac{3}{16}$ ", $\frac{5}{32}$ ", $\frac{3}{8}$ " & $\frac{7}{16}$ " drill bits
 - Two short pieces of rope about 4' in length
 - Locking Pliers or C Clamps
 - Two $\frac{1}{2}$ " x 18" Winding Bars (Torsion Springs only)
 - $\frac{3}{8}$ " Open-end Wrench (Torsion Spring Only)
- All tools may be purchased in Hardware Dept.

RESIDENTIAL GARAGE DOORS



Steel Panel Doors

Carriage House Doors

Complete Garage Door Selection



Ideal Door®
1-800-621-3667
Ideal Door® is a brand of Clopay Building Products.
Clopay Building Products Company, Inc. 2008
A Griffon Company, Inc.® Printed in U.S.A.



In the interest of better quality and value, we are continually improving and updating our products. Consequently, photos, illustrations and available options may sometimes differ from present models.

REID-CH-RESIBR-08



DO-IT-YOURSELF INSTALLATION AS EASY AS 1-2-3



1 Stack the Sections & Attach Hardware



2 Assemble the Track



3 Wind the Spring

EZ-SET® TORSION SPRING SYSTEM

WITH EZ-SET® TORSION SPRINGS, IDEAL DOORS ARE EASY TO INSTALL

- Standard spring wire gauge (gapped) and a large spring diameter of 1 3/4" help assure dependable performance.
- Galvanized springs are cleaner, more attractive and can last up to 50% longer than oil tempered springs.
- Unlike conventional torsion spring installations, the torsion load is transmitted through the flag brackets and into the jambs, eliminating the time-consuming process of preparing the anchor pad and mounting the load-bearing center brackets.
- Die cast aluminum drums (not plastic) provide exceptional durability and ensure long life.

EZ-SET® SPRING KEY FEATURES

Ideal Door® strongly recommends that a professional garage door installer remove existing torsion springs.

- ✓ Saves time and money. Lets you easily and safely install heavy-duty torsion springs.
- ✓ Adjust spring tension in seconds using a power drill.
- ✓ Eliminates the difficult and dangerous manual winding process used in conventional torsion spring installations.
- ✓ User-friendly 45° drill input angle typically allows do-it-yourselfers to stand safely on the floor to wind and adjust springs.

PAINTING AND STAINING YOUR DOOR TO COMPLEMENT YOUR HOME



How to Stain your Wood Door:

- Select a high quality exterior oil-based penetrating stain that is mildew resistant, UV resistant and water repellent.
- Clean door surface to remove any loose material or dirt.
- Apply stain to all door section surfaces.
- Fill any gaps or voids on surface with a clear silicone caulk.

NOTE: Paint grade doors cannot be stained. Complete staining instructions are found in installation manual.

How to Paint your Wood Door:

- Fill any gaps or voids on wood surfaces with a paintable caulking compound.
- Clean all door surfaces with a stiff bristle brush.
- Prime the door per the installation instructions. (Priming is also available from Ideal Door®.)
- Paint all door section surfaces using a high quality oil or latex-based exterior paint.

NOTE: Complete painting instructions are found in installation manual.

How to Paint your Steel Door:

- Clean door surface to remove any loose material or dirt.
- Paint with a high quality 100% acrylic latex exterior grade paint.
- Simply use a brush or roller to apply paint. Doors have a woodgrain texture so paint application marks seemingly disappear.

NOTE: Carriage House Custom Crafted Steel doors may be painted any color except black or colors with a light reflective value (LRV) lower than 8.

RESIDENTIAL GARAGE DOOR LINEUP



STEEL PANEL GARAGE DOORS

Three garage door construction options provide a perfect door for any home.

- **5-STAR PREMIUM VALUE** – Three-layer construction provides superior strength, quietest operation and the best energy efficiency.
- **4-STAR SELECT VALUE** – 24 gauge steel with vinyl-backed insulation creates a durable and energy-efficient door.
- **3-STAR SELECT VALUE** – Our non-insulated entry level door is built with durable steel.



CARRIAGE HOUSE STAMPED STEEL

Carriage House styles available in three steel construction options.

- **PREMIUM VALUE STAMPED STEEL** – Three-layer construction with short and long Carriage House emboss designs create a beautiful, strong and energy-efficient door.
- **SELECT VALUE STAMPED STEEL** – An insulated 24 gauge steel Carriage House door with short and long emboss designs is a durable and energy-efficient option.
- **STANDARD VALUE STAMPED STEEL** – A dependable non-insulated door with a short emboss design is our entry level Carriage House offering.



CARRIAGE HOUSE CUSTOM CRAFTED STEEL

Authentic Carriage House designs in virtually maintenance-free four-layer construction provides exceptional beauty, durability and energy efficiency. With eleven door designs, six window styles and two insulation thicknesses to choose from, this is the best steel Carriage House door available.

- **"MX" Models** – 2" Insulation with insulated glass in all windows standard, this is the choice for the energy conscious.
- **"MF" Models** – 1 3/8" Insulation provides another energy-efficient option.



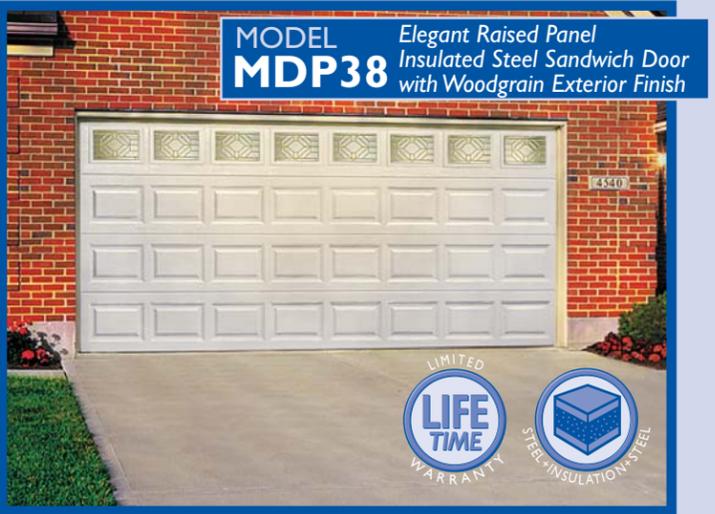
CARRIAGE HOUSE CUSTOM CRAFTED WOOD

Authentic Carriage House designs in a traditional wood construction. With Semi-Custom and Fully-Custom options to choose from, this is the way to improve curb appeal with the classic look of wood.

- **SEMI-CUSTOM DOORS** – With five wood types, six panel designs and many windows to choose from, this product is far from limited in selection.
- **FULLY-CUSTOM DOORS** – By selecting an existing design example or creating a completely new look, this product is limited only by your imagination.



5-STAR PREMIUM VALUE – our very best raised panel doors – offer maximum performance and superior insulation. A solid sandwich construction of 2" or 1 3/8" insulation pressure bonded between two steel skins provides the ultimate in durability, strength and energy efficiency. Quieter than other insulated and non-insulated doors, 5-Star doors are the best choice for homes with rooms adjacent to or above the garage. Available in beautiful elegant raised, elegant ranch and flush panel designs, these doors offer long-lasting beauty and exceptional value. All standard width 5-Star doors include an operator reinforcement bracket for easy and convenient installation.



MODELS



5-STAR CONSTRUCTION

Sandwich style, two sheets of steel (27 gauge exterior / 29 gauge interior) wrapped around a 2" or 1 3/8" environmentally-safe polystyrene core, creating an extremely durable energy-efficient door.
2" = R-value 9.0 1 3/8" = R-value 6.5

5-STAR WARRANTIES

Limited lifetime warranty on paint system with a 3-year limited warranty on hardware.



COLORS



Due to the printing process, colors may vary. Please request an accurate color chip.



DESIGNER WINDOWS

DESIGNER CLASSICS



WROUGHT IRON



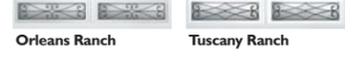
DESIGNER ETCHINGS*



RANCH PANEL / DESIGNER CLASSICS



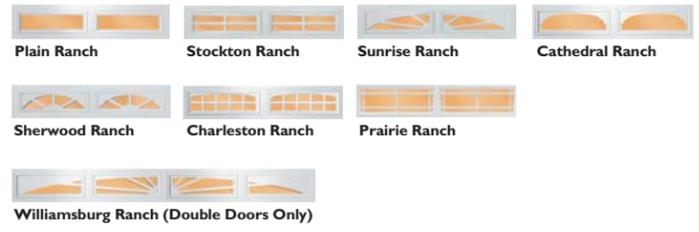
RANCH PANEL / WROUGHT IRON



RANCH PANEL / DESIGNER ETCHINGS*



DECORATIVE INSERTS



These inserts simply snap outside or inside our plain windows.



MODEL M4RSF Raised Panel Insulated Steel Door with Woodgrain Exterior Finish



4-STAR SELECT VALUE doors offer durable construction with the choice of two panel designs. Available with insulation nestled against a layer of steel, these doors are quieter and more energy efficient than non-insulated doors. Our Ranch panel design gives your home a unique and stylish look while our raised panel design offers traditional good looks. 4-Star doors are a good choice for homes that require durability and insulation.

MODELS



4-STAR CONSTRUCTION

One sheet of thick (24 gauge) steel with a 1 3/16" environmentally-safe polystyrene backer creates a dent-resistant, quiet door.

4-STAR WARRANTIES

Limited lifetime warranty on paint system with a 3-year limited warranty on hardware.



COLORS



Due to the printing process, colors may vary. Please request an accurate color chip.

DECORATIVE INSERTS

FOR RAISED PANEL DOORS (M4RSF and M6RST)



Williamsburg (Double Doors Only)
These inserts simply snap outside or inside our plain windows.

FOR RANCH PANEL DOORS (M2RSF)



These inserts simply snap outside or inside our plain windows.

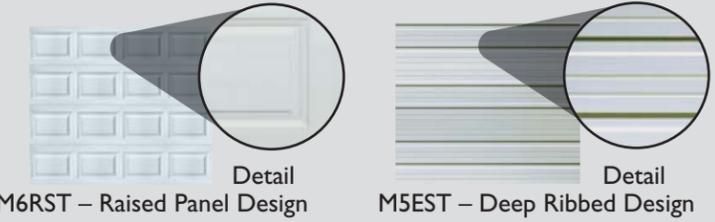


MODEL M6RST Raised Panel Steel Door with Woodgrain Exterior Finish



3-STAR STANDARD VALUE doors offer dependable construction and quality features at a truly affordable price. A rust-proof aluminum retainer with a vinyl floor seal helps keep out the elements. Available in raised panel or deep ribbed designs, these doors are built to last.

MODELS



3-STAR CONSTRUCTION

One sheet of durable (25 gauge) steel.

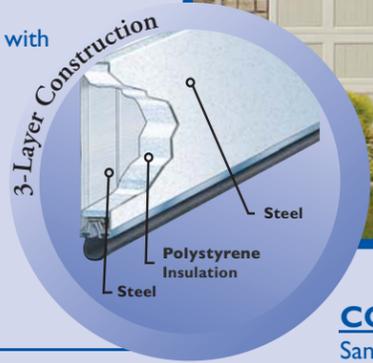
3-STAR WARRANTIES

10-year limited warranty on paint system with a 1-year limited warranty on hardware.



PREMIUM VALUE STAMPED STEEL

our very best Stamped Steel Carriage House doors – offer maximum performance, impressive appearance and superior insulation. Constructed with 2" or 1 3/8" insulation pressure bonded between two steel skins, these doors provide the ultimate in durability, strength and energy efficiency. Quieter than other insulated and non-insulated doors, Premium Value Stamped Steel doors are the best choice for homes with rooms adjacent to or above the garage. Available in two Carriage House emboss designs, short and long. To further accentuate the Carriage House appearance, these doors come standard with beautiful decorative hardware. Standard size doors also include an operator reinforcement bracket for easy and convenient installation.



MODEL MR1SP Stamped Steel Short Panel Insulated Steel Sandwich Door with Woodgrain Exterior Finish



MODELS



MR2SP – 2" Insulation
MR1SP – 1 3/8" Insulation (Short Panel)



MR2LP – 2" Insulation
MR1LP – 1 3/8" Insulation (Long Panel)

CONSTRUCTION

Sandwich style, two sheets of steel (27 gauge exterior / 29 gauge interior) wrapped around a 2" or 1 3/8" environmentally-safe polystyrene core, creating an extremely durable energy-efficient door. 2" = R-value 9.0 1 3/8" = R-value 6.5

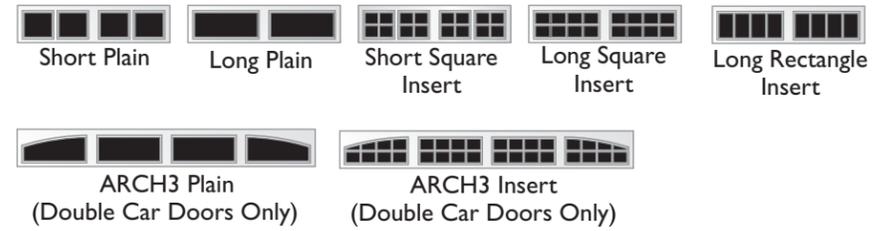
WARRANTIES

Limited lifetime warranty on paint system with a 3-year limited warranty on hardware.

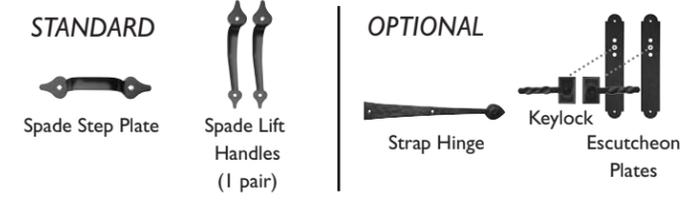
COLORS



WINDOWS



DECORATIVE HARDWARE



SELECTION GUIDE

Short Panel Design	SOLID (NO WINDOWS)			WINDOW OPTIONS (SINGLE AND DOUBLE CAR)			WINDOW OPTIONS (DOUBLE CAR ONLY)			Long Panel Design	SOLID (NO WINDOWS)			WINDOW OPTIONS (SINGLE AND DOUBLE CAR)			WINDOW OPTIONS (DOUBLE CAR ONLY)				
	SHORT SOLID	SHORT PLAIN	SHORT SQ. INSERT	LONG REC. INSERT	ARCH1 PLAIN	ARCH2 PLAIN	ARCH3 PLAIN	SHORT SOLID	SHORT PLAIN		SHORT SQ. INSERT	LONG REC. INSERT	ARCH1 PLAIN	ARCH2 PLAIN	ARCH3 PLAIN	SHORT SOLID	SHORT PLAIN	SHORT SQ. INSERT	LONG REC. INSERT	ARCH1 PLAIN	ARCH2 PLAIN

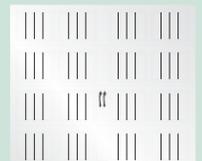
Note: Long Panel Design not available on Standard Value Stamped Steel.

MODEL MR4LV Stamped Steel Long Panel Insulated Steel Door with Woodgrain Exterior Finish

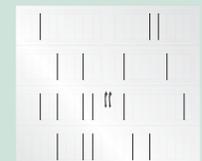


SELECT VALUE STAMPED STEEL doors provide a Carriage House appearance with the added benefit of insulation. These doors are quieter and more energy efficient than non-insulated doors. Available in two Carriage House emboss designs, short and long. To further accentuate the Carriage House appearance, these doors come standard with beautiful decorative hardware.

MODELS



MR4SV – 1 5/16" Insulation (Short Panel)



MR4LV – 1 5/16" Insulation (Long Panel)

CONSTRUCTION

One sheet of thick (24 gauge) steel with a 1 5/16" environmentally-safe polystyrene backer creates a dent-resistant, quiet door.

WARRANTIES

Limited lifetime warranty on paint system with a 3-year limited warranty on hardware.

MODEL MR5S Stamped Steel Short Panel Steel Door with Woodgrain Exterior Finish



STANDARD VALUE STAMPED STEEL doors provide a Carriage House appearance with dependable construction at an affordable price. These doors offer a Carriage House short emboss design and come standard with beautiful decorative hardware.

MODELS



MR5S (Short Panel)

Note: Long Panel Design not available on Standard Value Stamped Steel.

CONSTRUCTION

One sheet of durable (25 gauge) steel.

WARRANTIES

10-year limited warranty on paint system with a 1-year limited warranty on hardware.



CUSTOM CRAFTED STEEL

- Choice of 11 Carriage House panel designs.
- Choice of 8 window/top section options.
- Virtually maintenance-free construction.
- Modern upward acting operation with stylish old world charm.
- EZ-SET® Torsion Springs standard on most sizes.
- Available in 2 door thicknesses, 2" base door or 1 3/8" base door. (2" base door standard with insulated windows when windows are ordered.)



BASE DOOR COLORS



*Overlay available in White only on all base door colors. Door and overlay can be painted any color except black or colors with a light reflective value (LRV) lower than 8. Painting doors with colors lower than LRV 8 will void warranty.

INSULATION OPTIONS

2" Insulation – MX Models
1 3/8" Insulation – MF Models

PANEL DESIGNS/MODELS

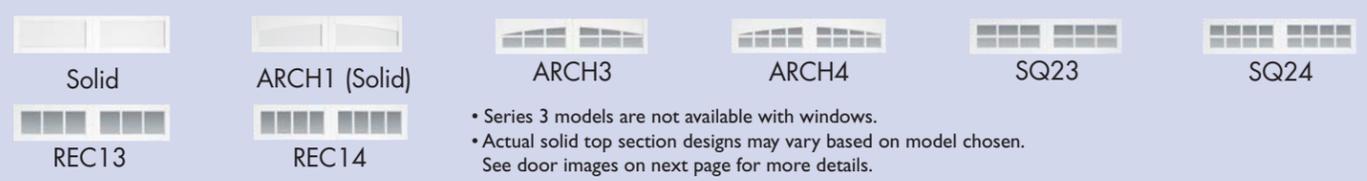


PANEL DETAILS



Custom Crafted Steel Carriage House doors are designed with decorative center grooves and stylish beveled coped edges.

WINDOW/TOP SECTION OPTIONS



• Series 3 models are not available with windows.
• Actual solid top section designs may vary based on model chosen. See door images on next page for more details.

DECORATIVE HARDWARE



SELECTION GUIDE

	SOLID	ARCH 1 SOLID	ARCH 3	ARCH 4	SQ23	SQ24	REC 13	REC 14
SERIES 1	MX11 / MF11							
	MX12 / MF12							
	MX13 / MF13							
SERIES 2	MX21 / MF21							
	MX22 / MF22							
	MX23 / MF23							
SERIES 3		SOLID	ARCH1 SOLID		SOLID	ARCH1 SOLID		SOLID
	MX31 / MF31				MX32 / MF32			MX33 / MF33
	MX34 / MF34							
					MX35 / MF35			

PRODUCT INFORMATION

CONSTRUCTION

- Four-layer door (Steel + Insulation + Steel + Composite Overlay).
- Base door contains 2" or 1 3/8" thick polystyrene insulation. (2" base= 9.0 R-Value) (1 3/8" base= 6.5 R-Value)
- Overlay is made of 5/8" thick custom composite material.
- Commercial grade 14 gauge steel hinges for long-lasting performance.
- High-cycle nylon rollers for quiet operation.
- Bottom weatherseal in rust-proof, aluminum retainer.

STYLE AND FINISH

- Base door has a natural woodgrain texture, painted with a baked-on primer and polyester top coat.
- Overlay in White only with a detailed beveled, coped edge.
- All windows are double strength 1/8" clear glass with removable beveled overlay grille for easy cleaning. (2" base door includes insulated windows.)
- EZ-SET® Torsion Springs are STANDARD on most doors; see Millwork Team Member for specific details.

SIZES

- Four-section doors available in 6'6", 7', 7'6" and 8' heights only.
- Heights are determined using a combination of 18" and/or 24" sections.
- Available in 8', 9', 10', 12', 15', 15'5", 16' and 18' widths.
- Series 2 Models MX22/MF22 and MX23/MF23 and Series 3 Models MX34/MF34 and MX35/MF35 are not available in 12' widths.

SPECIAL NOTES

- An automatic garage door opener (minimum 1/2 HP) is recommended.
- 15" radius track standard. 14" of headroom is required plus 3" for a garage door opener. Interior slide lock standard.
- Door and overlay can be painted any color except black or colors with a light reflective value (LRV) lower than 8. Painting doors with colors lower than LRV 8 will void warranty.

WARRANTY

- Limited Lifetime Paint System Warranty.
- Limited 7-year Overlay & Window Discoloration Warranty.
- Limited 3-Year Overlay & Window Delamination & Hardware Warranty.

CUSTOM CRAFTED WOOD

- Modern upward acting operation with stylish old world charm.
- Semi-Custom or Fully-Custom Options to choose from.



SEMI-CUSTOM DOORS

- 5 Wood types to choose from.
- 6 Carriage House panel options to complement your home.
- Over 10 window/top sections to choose from.

SEMI-CUSTOM WOOD TYPES

Wood Type					
Grade of Wood	Stain	Stain	Stain	Paint	Paint
Model Number*	MH_H	MC_C	MR_R	MH_P	MH_G

*Blank space “_” represents design number shown below.

Important Note: Door must be painted or stained according to installation instructions prior to installation in order to avoid voiding warranty.

OPTIONAL CENTER GROOVE

Center grooves can be applied **ONLY** to 8" center stiles:

- 6' to 9' wide door = 1 groove per door.
- 9'2" to 14' wide door = 2 grooves per door.
- 14'2" to 18' wide door = maximum of 3 grooves per door.

SEMI-CUSTOM DESIGNS



SEMI-CUSTOM WINDOW OPTIONS



DECORATIVE HARDWARE



SEMI-CUSTOM SELECTION GUIDE*

	Solid	ARCH1	ARCH3	ARCH4	SQ23	SQ24	REC13	REC14
Design 1								
Design 2								
Design 3								
Design 4								
Design 5								
Design 6								

*Note: Only single car designs shown

SEMI-CUSTOM PRODUCT INFORMATION

WOOD SELECTIONS

- Wood stiles and rails are available in Hemlock, Cedar or Redwood.
- Stain grade Hemlock, Cedar and Redwood Doors are constructed with edge-glued panels. Paint grade Hemlock doors are constructed with plywood panels.
- The doors can be painted or stained (the paint grade doors cannot be stained) to complement your home.
- Factory priming is available.

MAINTENANCE & CARE

- Proper care and maintenance are imperative to the appearance, longevity and performance of a Carriage House Premium Wood door.
- Prior to installation it is required that the door (outside, inside and all edges) be primed and painted with a high quality exterior paint or stained with a penetrating stain that is mildew and UV resistant and water repellent. **Failure to properly finish door will void warranty.**

SIZES

- Standard widths are 8', 9', 10', 15', 15'6", 16' and 18' (non-standard widths are available in 2" increments from 6' to 18'). Door heights are 6'6" (3 sections), 7' (3 sections), 7'6" (4 sections) and 8' (4 sections).
- Design 5 not available in 6'6" height and Design 6 not available in 9'2" up to 14' widths.
- Not all panel and window designs are available in all section widths and heights. (See Millwork team member for details.)

SPECIAL NOTES

- An automatic electric garage door opener (minimum 1/2 HP) is recommended.
- 15" radius track standard. 14" of headroom is required plus 3" for a garage door opener.
- 14" of headroom is required for installation plus 3" for a garage door opener.

WARRANTY

- Limited 1-year Section and Hardware Warranty.

FULLY-CUSTOM DOORS

POPULAR CUSTOM DESIGNS (Or Create Your Own)



- Choose existing, modify existing or create an original design.
- You can design a window for your door.
- Windows are made from 1/8" double pane glass.
- Each door is individually quoted and made custom per order.
- Design must be approved prior to production.
- Contact Ideal Door® customer service for complete details.

