



*garden patio*  
DOORS

GARDEN PATIO DOORS  
2018





# garden patio DOORS

*Owning a Madero garden patio door system is as easy as following these steps:*

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## STEP 1

### *Choose Your Product*

Madero offers a variety of product pairings to meet the specific needs of our customers. Select from steel or fiberglass slab, wood or composite frame.

For features and benefits related to each of these products, please refer to pages 21-24.

## STEEL Garden Patio Door Systems

### **PREMIUM**<sup>M</sup>

High Definition Steel Slab  
Premium Wood Frame

### **STEELCOMP**<sup>M</sup>

High Definition Steel Slab  
Premium Composite Frame





*Entrada Double Hinged Door System*

## FIBERGLASS Garden Patio Door Systems

### <sup>M</sup> **PLUS**

Smooth White Fiberglass Slab  
Premium Wood Frame

### <sup>M</sup> **FIBERCOMP**

Smooth White Fiberglass Slab  
Premium Composite Frame

### <sup>M</sup> **Entrada**

Oak Woodgrain Fiberglass Slab  
Oak Woodgrain Composite Frame





Entrada Garden Venting



## STEP 2

# Choose Your System

## Garden Patio Door Types

Madero garden patio doors offer three select choices for your new construction or renovation project. Choose from single-hinged, double-hinged or garden venting door systems, offered in a variety of sizes, to fit your project.



*Shown as LH Inswing*

### SINGLE HINGED

#### One Door Active | One Door Fixed

Ideal for accommodating multiple doors – creating a spectacular view

One door is fixed while the other opens as an active door. Fixed doors create the illusion of a full lite sidelite, allowing additional sunlight in to fill your room and provide a full view of the outdoors.



*Shown as Outswing*

### DOUBLE HINGED

#### One Door Active | One Door Inactive

Full clearance double door system – provides the beauty of a garden patio door with full access to the outdoors

Complete with multipoint astragal, this product allows the inactive door to be securely locked and sealed or active as required. Active door must be double drilled.



*Available as 6/8 Outswing only*

### GARDEN VENTING

#### One Door Active | One Door Venting

Designed to provide easy access to outdoor living spaces – as well as ventilation and natural light

These garden doors feature the active door as a typical swing door with optional sash lock. Specify single or double drilling. The venting door is complete with standard screen, roto hardware, and sash locks with tie bar.



FiberComp Fixed - Inactive - Active - Fixed

## Single Hinged Garden Patio Doors

**One Door Active | One Door Fixed**

Ideal for accommodating multiple doors –  
creating a spectacular view

**Inswing** - 6/8 or 8/0 Option



4 9/16" Jamb 1.4 - GP 4 RHINPOST AF  
6 9/16" Jamb 1.6 - GP 6 RHINPOST AF



4 9/16" Jamb 2.4 - GP 4 LHINPOST FA  
6 9/16" Jamb 2.6 - GP 6 LHINPOST FA



4 9/16" Jamb 3.4 - GP 4 LH IN AF  
6 9/16" Jamb 3.6 - GP 6 LH IN AF



4 9/16" Jamb 4.4 - GP 4 RH IN FA  
6 9/16" Jamb 4.6 - GP 6 RH IN FA





One door is fixed while the other opens as an active door. Fixed doors create the illusion of a full lite sidelite, allowing additional sunlight in to fill your room and provide a full view of the outdoors. Select your configuration; inswing or outswing, left or right handed. Additional fixed panels can be added. Please contact your sales representative for details.

### Outswing - 6/8 or 8/0 Option



4 9/16" Jamb 7.4 - GP 4RO POST AF  
6 9/16" Jamb 7.6 - GP 6RO POST AF



4 9/16" Jamb 8.4 - GP 4LO POST FA  
6 9/16" Jamb 8.6 - GP 6LO POST FA



4 9/16" Jamb 9.4 - GP 4LO AF  
6 9/16" Jamb 9.6 - GP 6LO AF



4 9/16" Jamb 10.4 - GP 4RO FA  
6 9/16" Jamb 10.6 - GP 6RO FA



Plus Double Hinged Flush Glazed  
with Triple Glazed Series Enclosed  
Mini Blinds Low-E (Custom Order Only)

## Double Hinged Garden Patio Doors

**One Door Active | One Door Inactive**

Full clearance double door system –provides the beauty of a garden patio door with full access to the outdoors

### Secure performance for your door system

**MULTI-POINT ASTRAGAL:** Patented lock pawls activated by the deadbolt to engage keepers in the active door, providing three locking points. This prevents deflection, and air or water infiltration.







Complete with multipoint astragal, this product allows the inactive door to be securely locked and sealed or active as required. Active door must be double drilled. Select your configuration; inswing or outswing, left or right handed. Steel or smooth white fiberglass systems will have a white astragal, textured woodgrain will have a bronze astragal.

### Inswing - 6/8 or 8/0 Option



4 9/16" Jamb 5.4 W - GP 4 WHT LHIN 6/8 AA  
6 9/16" Jamb 5.6 W - GP 6 WHT LHIN 6/8 AA

4 9/16" Jamb 6.4 W - GP 4 WHT RHIN 6/8 AA  
6 9/16" Jamb 6.6 W - GP 6 WHT RHIN 6/8 AA

### Outswing - 6/8 or 8/0 Option



4 9/16" Jamb 11.4 W - GP 4LO WHT 6/8 AA  
6 9/16" Jamb 11.6 W - GP 6LO WHT 6/8 AA

4 9/16" Jamb 12.4 W - GP 4RO WHT 6/8 AA  
6 9/16" Jamb 12.6 W - GP 6RO WHT 6/8 AA



*FiberComp Garden Venting and Transom with 5 Lite Internal Grille*

## Garden Venting Garden Patio Doors

**One Door Active | One Door Venting**

Designed to provide easy access to outdoor living spaces – as well as ventilation and natural light

**Outswing - 6/8 Only**



4 9/16" Jamb 9.4 - GP 4LO WHT ACT-VENT  
6 9/16" Jamb 9.6 - GP 6LO WHT ACT-VENT



4 9/16" Jamb 10.4 - GP 4RO WHT VENT-ACT  
6 9/16" Jamb 10.6 - GP 6RO WHT VENT-ACT

\* Rectangular transoms are available for all units, with clear dual low-E or 5 lite internal white grille option



Screen and Roto Truth Hardware



Sash Locks and Tie Bar Locking System





Garden venting doors feature the active door as a typical swing door (outswing only) with optional sash lock. Product comes complete with standard screen, roto hardware, and sash locks with tie bar. Select left or right handed configuration and specify single or double drill. Steel and smooth white fiberglass default hardware is white (unless specified), textured woodgrain default hardware is bronze (unless specified).

## *Truth Hardware*

For over 50 years, Truth Hardware has been recognized as the industry leader in the design and manufacture of quality operating hardware.

This hardware meets or exceeds the maximum performance requirements that are sought in today's market of larger venting doors. Truth Hardware has been long recognized for its vast array of quality finishes and its ability to provide the most attractive, easiest operating and highest performing window hardware.

Madero garden patio doors include Truth Hardware operators with standard collapsible handles to avoid interference with blinds.



*White*



*Sand*



*Brushed Chrome*



*Coppertone*



*Bronze*



*Black*





*SteelComp Double Hinged with  
Clear Low-E Glass*



## STEP 3

# Customize With Glass

## Garden Patio Door Glass Options



### CLEAR LOW-E

A perfect choice for the unobstructed view of your outdoor spaces.

### ENCLOSED MINI BLINDS

Blinds lower neatly within full privacy channels to eliminate light gaps. Uniform color in components provides a clean aesthetic look. Insert is provided with low-E coating.



### WINDOW GRILLES

#### Grilles Between Glass

Internal 5/8" grilles provide the beauty of a true divided light with ease of cleaning as an added benefit. Paired with low-E glass to maximize energy efficiency.

### *Low-E coating is featured in all of the above*

Low-E glass is made with an invisible thin metallic coating that blocks heat flow. A proven energy saver, low-E glass reduces air conditioning costs by reducing solar transmissions in the summer. In the winter it reduces heat loss to the outside and allows solar energy to pass inside. It also reduces fading of carpet and furniture.



Blocks ultraviolet rays



Allows solar energy in

# Garden Patio Door Glass Options

## Enclosed Mini Blinds

**Raise | Lower | Tilt**

Enclosed Between Glass and Easily  
Adjusted with a Single Operator

### *Privacy, Convenience and Maintenance-Free*

The single operator lets you raise, lower or tilt the blinds in an easy, slight movement. Blinds adjust for complete light block, and the privacy channels on each side eliminate light gaps when the blinds are closed. Enclosed blinds are sealed tight to eliminate dusting.

Glass options are provided with energy saving low-E glass.



Full privacy and light blocking



Simple easy blind control



Enclosed and maintenance free



SteelComp Double Hinged with  
Light-Touch Series Enclosed Mini Blinds







## Garden Patio Door Glass Options

### Window Grille Door Glass

Choose from 5/8" Standard Rectangle Grilles or Prairie Style to match the architectural detail in your home.

### Grille Between Low-E Glass

Classic Design with Modern Features to Complement Traditional Homes



5/8" Flat Grille Between Clear Low-E Glass

### Standard Rectangle Grille

- All sizes except 2/4 & Full View
- 10 Lite and 15 Lite - 6/8 only
- 12 Lite and 18 Lite - 8/0 only

### Prairie Style Grille

- All sizes except 2/4 & Full View
- 6/8 and 8/0 height





*Premium 10 Lite Standard Rectangle Grille  
Double Door System*

**PRAIRIE STYLE**

**STANDARD RECTANGLE GRILLE**



**9 Lite 8/0**  
612-PIM | 496-PIM

**9 Lite 6/8**  
686-PIM | 687-PIM

**18 Lite 8/0**  
612-GBG | 496-GBG

**12 Lite 8/0**  
612-GBG | 496-GBG | 487-GBG

**15 Lite 6/8**  
686-GBG | 687-GBG

**10 Lite 6/8**  
686-GBG | 687-GBG | 624-GBG

## STEP 4

# Determine Frame Size

### Finished Frame Widths



<b>SINGLE HINGED</b>	<i>Net Frame Width</i>
2/4 + 2/4	59"
2/6 + 2/6	63"
2/8 + 2/8	67"
2/10 + 2/10	71"
3/0 + 3/0	75"

<b>DOUBLE HINGED</b>	<i>Net Frame Width</i>
2/4 + 2/4	58 1/4"
2/6 + 2/6	62 1/4"
2/8 + 2/8	66 1/4"
2/10 + 2/10	70 1/4"
3/0 + 3/0	74 1/4"

<b>GARDEN VENTING</b>	<i>Net Frame Width</i>
2/6 + 2/6	63"
2/8 + 2/8	67"
2/10 + 2/10	71"
3/0 + 3/0	75"

<b>GARDEN RENOVATOR</b>	<i>Net Frame</i>
5/0	59" X 79 1/4"
6/0	71" x 79 1/4"

### Finished Frame Heights (all systems)

6/8 Inswing – Finished Frame Height: 82"  
6/8 Outswing – Finished Frame Height: 81"

8/0 Inswing – Finished Frame Height: 98"  
8/0 Outswing – Finished Frame Height: 97"

### Rough Opening Measurements

To calculate rough opening, add 1" to width  
and add 1/2" to height of net frame.

For transom, add 15 3/4" to height of net frame.

### Brickmould Outside Measurements (OSM)

To calculate the outside measurement of  
brickmould, add 2 1/2" to width and  
add 1 1/4" to height of net frame.





## Product Availability Chart



### 6/8 - Standard Frame Glass Insert (ED00, SG00, WG00)

	2/4	2/6	2/8	2/10	3/0	5/0	6/0
<b>Premium</b>	×	✓	✓	✓	✓	✓	✓
<b>SteelComp</b>	×	✓	✓	✓	✓	✓	✓
<b>Plus</b>	✓	✓	✓	✓	✓	×	×
<b>FiberComp</b>	✓	✓	✓	✓	✓	×	×
<b>Entrada</b>	✓	✓	✓	✓	✓	×	×

### 8/0 - Standard Frame Glass Insert (SG00, WG00)

	2/4	2/6	2/8	2/10	3/0
<b>Premium</b>	×	×	×	×	×
<b>SteelComp</b>	×	×	×	×	×
<b>Plus</b>	×	×	×	×	×
<b>FiberComp</b>	×	✓	✓	✓	✓
<b>Entrada</b>	×	✓	✓	✓	✓

### 6/8 - Flush Glazed Fiberglass Only (SG12, WG12)

	2/4	2/6	2/8	2/10	3/0
<b>Premium</b>	×	×	×	×	×
<b>SteelComp</b>	×	×	×	×	×
<b>Plus</b>	×	✓	✓	✓	✓
<b>FiberComp</b>	×	✓	✓	✓	✓
<b>Entrada</b>	×	✓	✓	✓	✓

### 8/0 - Flush Glazed Fiberglass Only (SG12, WG12)

	2/4	2/6	2/8	2/10	3/0
<b>Premium</b>	×	×	×	×	×
<b>SteelComp</b>	×	×	×	×	×
<b>Plus</b>	×	×	×	×	×
<b>FiberComp</b>	×	✓	✓	✓	✓
<b>Entrada</b>	×	✓	✓	✓	✓

### 6/8 - Full View Fiberglass & Clear Low-E Glass Only (SG12L, WG12L)

	2/4	2/6	2/8	2/10	3/0
<b>Premium</b>	×	×	×	×	×
<b>SteelComp</b>	×	×	×	×	×
<b>Plus</b>	×	×	✓	✓	✓
<b>FiberComp</b>	×	×	✓	✓	✓
<b>Entrada</b>	×	×	✓	✓	✓



## PRODUCT FEATURES



### Finish with Ease

24 gauge white primed door skin with primed wood stiles and top rail provide ease of painting.

### Durability

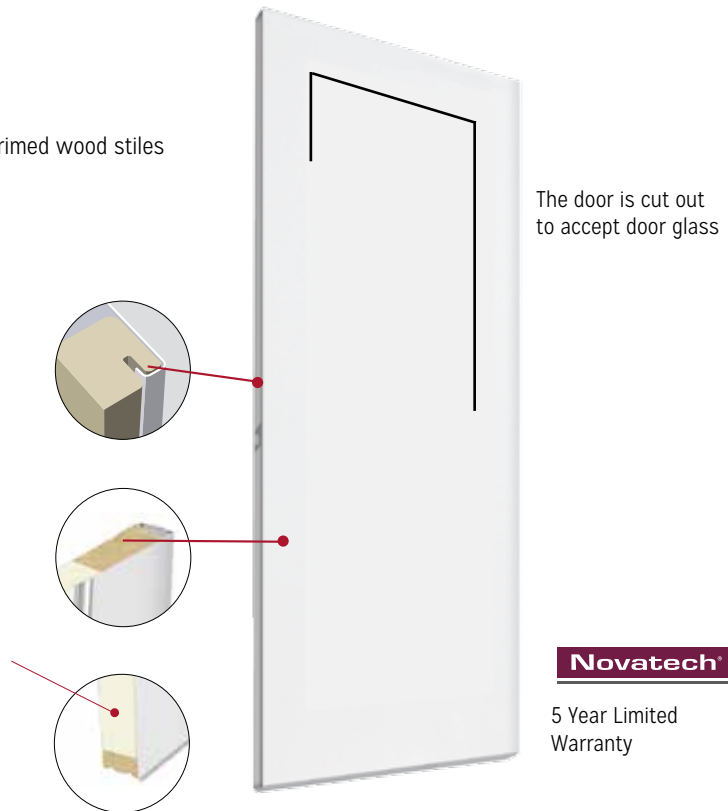
Door skins interlock with the stile, providing additional support to reduce delamination and stretching.

### Strength and Security

12" wood lock block provides strength and security while accommodating residential hardware.

### Energy Efficient

Filled with an insulating core of 100% CFC-free polyurethane foam, providing better energy ratings than a standard styrene core product.



## STEEL DOOR selection



### FLUSH DOOR

The 24 gauge steel slab is cut out in manufacturing to accept the Evolve<sup>®</sup> insert and glass. The Evolve<sup>®</sup> insert has the highest quality standards in the industry today.

The high performance Evolve<sup>®</sup> frame material provides superior rigidity and eliminates bothersome squeeze-out through the use of a compression foam tape seal. This latest innovation reduces scalloping, corner flare, and warping. The Evolve<sup>®</sup> HP<sup>®</sup> frame does not require finishing, but can be painted to match your door colour.

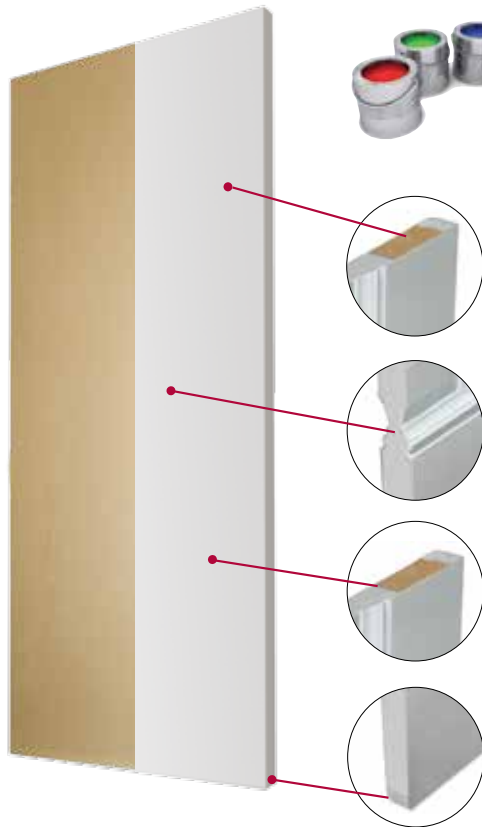


EVOLVE<sup>®</sup> High Performance Frame





## PRODUCT FEATURES



Smooth white pre-pigmented fiberglass doors have a warm white finish to match the composite frame and requires no painting. The doors will accept an array of paint colours to match the decor of your home.

Oak woodgrain textured fiberglass slabs have a realistic rich appearance requiring paint or stain.



### Exceptional Security

Our full length steel reinforced wood lock block offers exceptional security while allowing a range of hardware mounting options.

### Energy Efficiency

Filled with an insulating core of 100% CFC-free polyurethane foam, providing an excellent R rating, while bonding the two door skins together.

### Performance

Rigid structure prevents bowing and warping in extreme temperatures. The fiberglass skins are resistant to dents, dings, splintering, and corrosion.

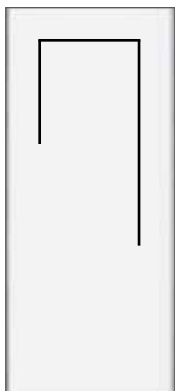
### Completely Waterproof

Our full length composite stiles and rails provide complete waterproofing for the door's insulation. These stiles will not splinter like wood or delaminate like steel.



25 Year Limited Warranty

## FIBERGLASS DOOR selection



The door is cut out to accept door glass



Evolve<sup>®</sup> High Performance Frame

### FLUSH DOOR - CUTOUT

(SG00, WG00)

The fiberglass slab is cut out in manufacturing to accept the Evolve<sup>®</sup> insert and glass. The Evolve<sup>®</sup> insert has the highest quality standards in the industry today. Refer to page 21.

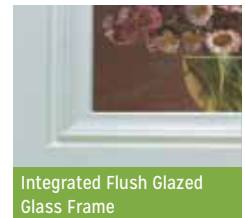


Integrated Flush Glazed Glass Frame

### STANDARD VIEW

(SG12, WG12)

Flush glazed fiberglass slabs provide sleek lines to give the perception of a more enhanced viewing area. The smooth white pre-pigmented or oak woodgrain slab is consistent from door edge to glass. The slab is manufactured as a one piece open and beaded mould with glass installed during the assembly process.



Integrated Flush Glazed Glass Frame

### FULL VIEW

(SG12L, WG12L)

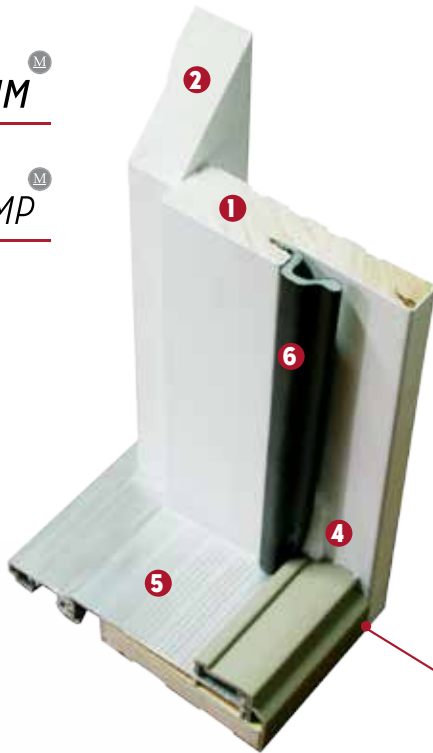
In addition to the features of the Standard View, this option provides an additional 1 1/4" in width and 3" in height – an increase of 20% to your viewing area. Flush glazed Full View is only available with clear low-E glass.

# Garden Patio Door-Frame Options

## WOOD frame

PREMIUM<sup>M</sup>

STEELCOMP<sup>M</sup>



## COMPOSITE frame

PLUS<sup>M</sup>

FIBERCOMP<sup>M</sup>

Entrada<sup>M</sup>



## SPECIFICATIONS

- 1 Frame Components** - for product specifications, see next page.  
*All three products are available in widths of 4 9/16", 6 9/16", or custom to 8 7/8".*
- 2 Brickmould** - 2" 180 step primed pine or composite brickmould is attached with screw reinforced miters for a tight fit.
- 3 SnapLock Nailing Fin (Composite only)** - incorporating a hinge-style design, Madero's SnapLock nailing fin lays flat for renovation use or snaps into place for new home construction.
- 4 Dust Pad** - applied to the door jamb above the sill, helping to seal door corners from dirt and dust.
- 5 Sill** - extruded aluminum sill is standard for all Madero garden patio systems. One piece nosing provides extra structural integrity and support for the brickmould.

**Bronze Anodized Option:** specify at time of quoting.

**NAFS Option:** to meet the stringent requirements of the new building code for New Home Construction. Specify at time of quoting.

- 6 Weatherstrip** - garden patio systems are complete with black compression weatherstrip. Extended reach is used on the header and strike side jamb for a greater seal.
- 7 Gaskets** - provide uniform seal pressure and enhances the weather barrier within the frame.
- 8 Construction** - mechanically fastened with screws, top and bottom.



# Wood Frame vs. Composite Frame

## WOOD JAMB & BRICKMOULD

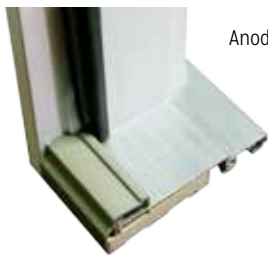
- Kiln-dried, primed finger-joint pine
- An economical, environmentally sustainable choice
- Double primed for quality performance and ease of painting. Surface requires paint on all exposed surfaces.



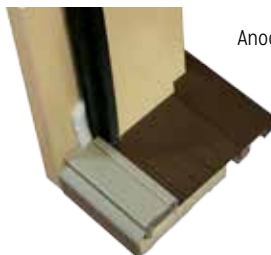
## COMPOSITE JAMB & BRICKMOULD

- Woodgrain textured or smooth white pre-pigmented frame components are a blend of PVC and wood fiber composite substrate.
- Researched and developed in 2005 for the Canadian climate.
- Solid composite provides twice the holding power of wood.
- Will not discolour, absorb moisture, splinter, or rot.
- Maintenance free smooth white composite jamb carries a 5 year warranty on finish. Jamb can be painted to your requirements.
- Oak woodgrain textured composite components have a realistic rich appearance requiring paint or stain.

## SILL options



Premium with  
Anodized Aluminum  
(Mill Finish)



Premium with  
Anodized Aluminum  
Bronze Sill  
(Additional Charge)



NAFS Sill  
System  
  
DS1 Storm Sill  
(Additional Charge)

## HINGE options

Hardware is not an afterthought, but an important design decision. Once you have chosen your door style, it is the time to give thought to what you will use for door hardware. Door hinges look their best when matched to the locksets and glass coming you plan to use. Madero's standard hinge finish is C-2G Zinc Plated, though we will change the finish based on the hardware or glass that you've chosen.

### BALL BEARING HINGES - 4" X 4"



FINISHES



C-2G  
Zinc Plated



C-4  
Brushed Brass



C-10B  
Oil Rubbed Bronze



C-26D  
Brushed Chrome



C-1D  
Matte Black





# ORDERING Checklist

Many details come together to create the perfect garden patio door system. Follow this important checklist to ensure your order is complete and the end result is exactly as you imagined.



## STEP 1 Choose Your Product

Choose door/frame pairing: (steel or fiberglass door, paired with wood or composite frame)

PREM

STC

PLUS

FC

EN

**PREMIUM**

High Definition Steel Slab  
Premium Wood Frame

**STEELCOMP**

High Definition Steel Slab  
Premium Composite Frame

**PLUS**

Smooth White Fiberglass Slab  
Premium Wood Frame

**FIBERCOMP**

Smooth White Fiberglass Slab  
Premium Composite Frame

**Entrada**

Oak Woodgrain Fiberglass Slab  
Oak Woodgrain Composite Frame

Choose door size: (Refer to product availability chart, page 20)

Width:  2/4 - 2/4 (59")  2/6 - 2/6 (63")  2/8 - 2/8 (67")  2/10 - 2/10 (71")  3/0 - 3/0 (75")

Renovator 5/0 (59")  Renovator 6/0 (71")

Height:  6/8  8/0

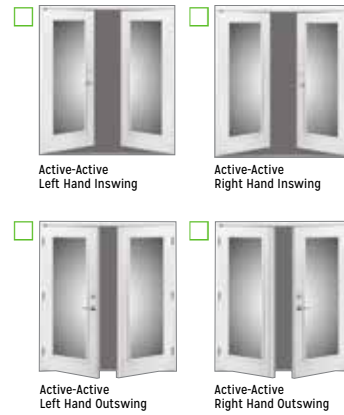
## STEP 2 Choose Your System

Choose garden patio door system configuration:

### Single Hinged Options:



### Double Hinged Options:



### Venting Options:



## STEP 3 Customize with Glass

Choose door lite glass:

Clear Dual Low-E  Mini Blind - Raise/Lower/Tilt Low-E  9 Lite Low-E  10/12 Lite Low-E  15/18 Lite Low-E

If transom required - glass options:  Clear Dual Low-E  5 Lite Internal White Grille

## STEP 4 Determine Frame Size

Choose jamb depth:

4-9/16"  6-9/16"  Custom jamb depth / handing: \_\_\_\_\_

Default brickmould: 180 step

Attached brickmould  Shipped loose  Brickmould not required

## Specifications

Choose aluminum sill:

Standard (Mill Finish)  Bronze Anodized  NAFS

Specify your hinge finish:



Choose desired hardware drilling prep:

**ACTIVE DOOR**  SD (Single Drill)  DD (Double Drill)  Custom: \_\_\_\_\_

**INACTIVE DOOR**  Blank  Single Drill (No Edge Bore)  Double Drill (no edge bore)

Customer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Store Name or #: \_\_\_\_\_ Tag: \_\_\_\_\_ PO #: \_\_\_\_\_

it's all in the details



## Make Your Grand Entrance.

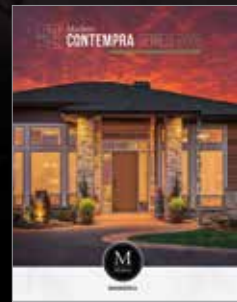
Looking for a high quality, complete door and hardware package for your home? Madero offers a wide array of door designs and configurations with highly customizable glass and hardware options suitable for both interior and exterior applications.



Entry Series



Mid-Century Modern



Contempra Series



Garden Patio Door Series



Artisan Series



Commercial

### Calgary

T 1.866.664.7664 • F 1.403.204.7665

### Saskatoon

T 1.800.667.6977 • F 1.306.934.7644

### Winnipeg

T 1.855.706.0200 • F 1.204.594.0201

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