



Lumera™

FIBERGLASS HINGED PATIO DOORS



Old World Charm...Enhanced.



» Standard White Hardware

OLD WORLD CHARM BUILT FOR MODERN DAY LIFE

Stile and rail hinged patio doors conjure up that craftsman era look by framing beautiful vistas inside each panel. They may also conjure up maintenance headaches, rotted panels and frames, or summers spent sanding and painting.

Simonton's Lumera™ Fiberglass Hinged Patio Door system has all of the design elements of those original handmade doors and virtually none of the maintenance issues. Using fiberglass panels, composite jambs and even cellular PVC trim helps provide maintenance free living. Lumera™ also provides better thermal performance than wood or vinyl sliding patio doors helping you save on your heating and cooling costs.



» Antique Brass Hardware

LUMERA™ CAN HELP YOU MAXIMIZE LIGHT, PRIVACY AND SPACE

Out-swing doors allow you to use all of your interior space without the worry of furniture blocking access to your door. When it's time to bring in that new piece of furniture or the Christmas tree, you'll be glad you have twice the opening of a comparable sliding patio door. The full glass panels maximize light and when decorative privacy glass is used, you can maximize privacy while still letting through the right amount of light.

MAXIMIZING TIP #1 »

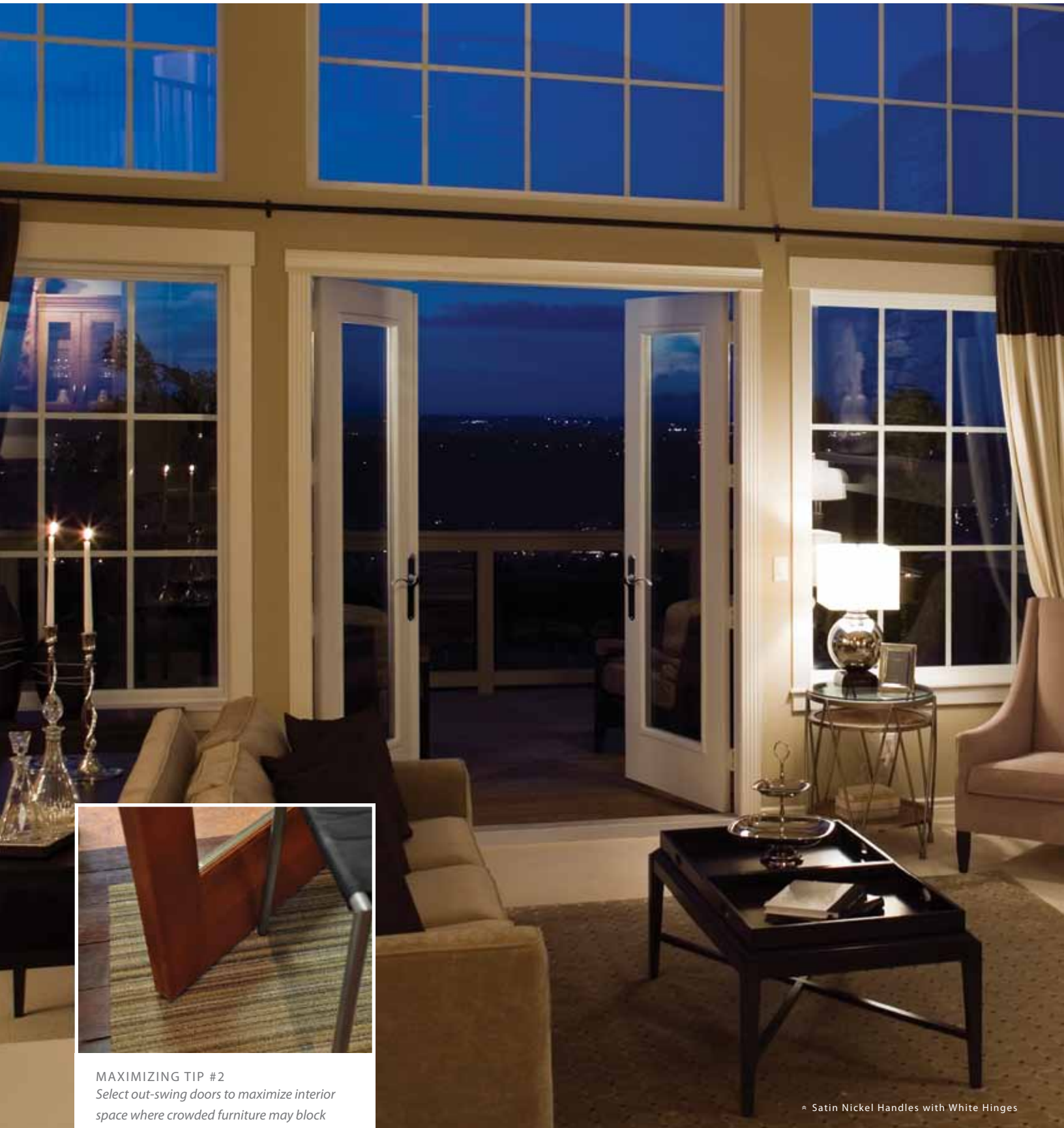
Place a window above your hinged patio door to take advantage of the most passive energy and natural light.





Lumera™

Why You Will Prefer a Hinged Patio Door



MAXIMIZING TIP #2

Select out-swing doors to maximize interior space where crowded furniture may block access to your door.

» Satin Nickel Handles with White Hinges

GREAT LOOKING

Lumera™ stile and rail patio doors look great and can be custom tailored to meet your personal style. With Decorum™ by Simonton options you can pick from nine exterior colors, five hardware finishes, nine decorative glass options and numerous grid patterns to make your project uniquely you.

SMART DESIGN

Lumera™ uses state-of-the-art fiberglass, composites and cellular PVC trim to make this great looking door virtually maintenance free. Out-swing doors will help you make more use out of your interior space.

Lumera™ also comes with multi-point locking systems to provide security and achieves one of the best thermal performances of any patio door on the market.

So if a great looking, energy-efficient, space saving door system with low maintenance, and great security is what you are looking for...ask for Lumera™ by Simonton.

MAXIMIZING TIP #3

By changing this garage side door from an in-swing door to an out-swing, the garage just became easier to park in. And, going from a half-lite of clear glass to a full lite of obscure glass means more natural light and improved privacy and security.



QUALITY & WARRANTY
Simonton has been recognized for both quality and satisfaction by our industry and our customers



MAXIMIZING TIP #4
Compared to a sliding patio door, a french door will give you twice as much access width for moving large objects in and out of your home.



BEST QUALITY

Lumera™ Fiberglass Hinged Patio Door systems provide superior benefits when compared to other patio door options. You will need to make two major decisions when you decide on a patio door:

1) Do you want a hinged patio door or a sliding patio door? Hinged patio doors double your opening access size with two-panel doors making it easy to bring large items in and out of your home. Hinged doors also come in out-swing options saving interior space.

2) What material do you want your door and frame to be made out of? Lumera's stamped fiberglass panels and composite frame provide the best material for low maintenance and high energy efficiency. Wood even when clad on the exterior will rot behind the cladding. Pultruded Fiberglass doors offer poor energy efficiency compared to Lumera's design. The table below is intended to help you find the door that is right for you.

	SIMONTON LUMERA™	WOODCLAD HINGED PATIO DOOR	VINYL HINGED PATIO DOOR	VINYL SLIDER PATIO DOOR	ALUMINUM SLIDER PATIO DOOR
Low-Maintenance	●	◐	●	●	◐
Maximize Space & Access	●	●	●	◐	◐
Energy-Efficiency	●	◐	◐	◐	◐
Color Options	●	●	◐	◐	◐
Blinds Between Glass	●	◐	○	○	○

● VERY GOOD ◐ GOOD ◑ POOR ○ NOT AVAILABLE

WHY STAMPED FIBERGLASS IS BETTER THAN PULTRUDED FIBERGLASS

Pultruded fiberglass doors have large hollow chambers that create a poor insulating barrier. Since fiberglass does not weld or hold screw threads...complex corner key systems are used on pultruded fiberglass to assemble stiles and rails while attempting to keep water out. Lumera™ uses a stamped fiberglass panel technology that requires no mechanical joinery and is completely filled with a polyurethane foam filled insulating barrier.

... AND WHY LUMERA STAMPED FIBERGLASS IS SUPERIOR TO A CLADDED WOOD DOOR

Wood doors often have a metal or vinyl cladding on the exterior to reduce wear and tear on the door. However, moisture and condensation still occurs behind the cladding allowing the door to rot from the inside. In addition, wood clad doors also have a higher expansion and contraction rate that can affect fit and performance.



» Oil-Rubbed Bronze Hardware

ENERGY EFFICIENT

U-value is an industry standard energy-efficiency measurement much like MPG for your automobile. However the lower the U-value the better the efficiency when looking at U-values.

Compare the U-values of all patio door types:

SIMONTON LUMERA™	.27
PULTRUDED HINGED FIBERGLASS	.31
WOODCLAD HINGED PATIO DOOR	.30
VINYL HINGED PATIO DOOR	.31
VINYL SLIDING PATIO DOOR	.31
ALUMINUM SLIDING PATIO DOOR	.53

Lumera™ by Simonton is one of the most energy-efficient hinged patio doors available.

Why Buy a Maintenance-Free Door if the Frame that Supports it is Wood?

There are many door systems out there that claim to be low maintenance but have wooden frames that will rot, peel and crack. Others will put a 6" composite riser on the frame that will delay decay but does not protect the rest of the frame from maintenance headaches. The Lumera™ Patio Door System has a complete low-maintenance composite frame along with fiberglass panels. You can even order optional cellular PVC exterior trim so the last time you need to worry about your door system is the day it's installed.

STAMPED



PULTRUDED



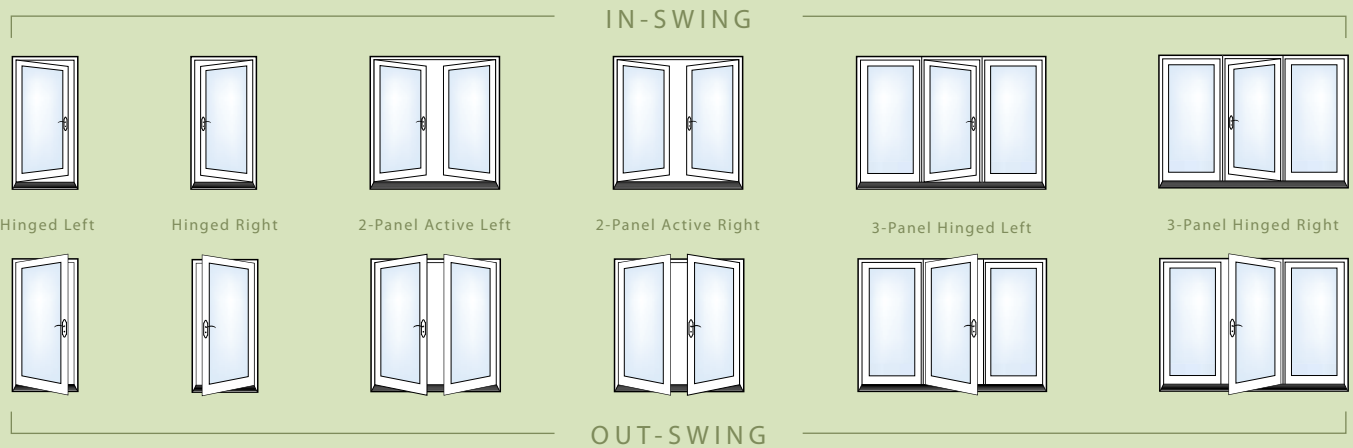


CUSTOM TAILOR YOUR DOOR TO YOUR NEEDS

Lumera™ Hinged Patio Doors come in a variety of styles. Select the configuration and swing style that is right for your home and lifestyle. Choose from 1-, 2- or 3-panel configurations. Out-swing styles save interior space or choose an in-swing door where you have plenty of room

to spare. Make sure to decide the direction you would like your door to swing.

Note that the handing is referenced by where the hinges are and always viewed from the outside looking in.



⌘ Satin Nickel Hardware



^Blinds Between Glass ^Satin Nickel Hardware ^Pine Exterior

Decorum™

BY SIMONTON

Imagine The Possibilities.

Decorum™ is Simonton's portfolio of styling options that allows you to create a look that is distinctly yours. Choose from vibrant exterior colors, hardware cast in bold metal finishes, decorative privacy glass and virtually unlimited grid options to give your new doors that personal touch.

DECORUM EXTERIOR COLORS

Choose an exterior color that complements your home's existing trim. Or, select a color that provides a striking contrast. Either way, you won't believe the difference a little color will make.

Colors shown are approximate.





BLINDS BETWEEN GLASS

Lumera™ is available with optional Blinds Between the Glass. Easily open or close your blinds or raise them altogether when you want the light to shine in.

Blinds Between the Glass can eliminate the challenge of mounting window treatments on a moving hinged door. They also make cleaning the glass a breeze. Lumera™ blinds between the glass are driven by magnetic controls and are covered by a 10-year warranty.



CONTROL THE LIGHT AND YOUR PRIVACY

The top slider controls the angle of the blinds while the lower slider raises and lowers the blinds for complete control over glare or privacy.

» Satin Nickel Hardware

Decorum™ BY SIMONTON

PRIVACY GLASS OPTIONS

Select from nine decorative privacy glass options for your Lumera™ Hinged Patio Door. With privacy glass you can let light in but keep prying eyes out. So whether it's a garage access door, office, or you just want to add a flair to your patio entrance, consider these decorative privacy glass options.



rain



glue chip



obscure



bronze



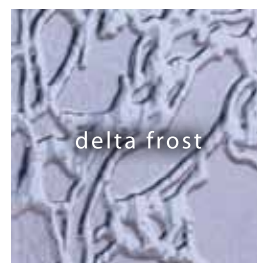
bronze tint



grey tint



flemish

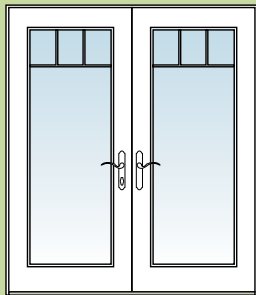


delta frost

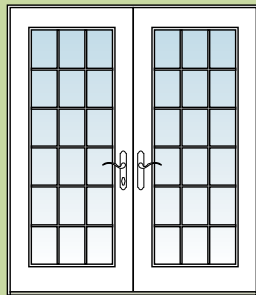


reed

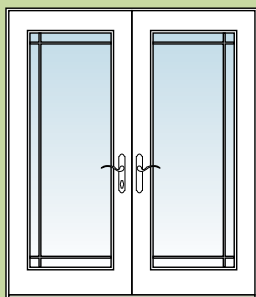
GRID PATTERNS



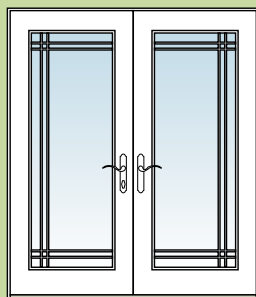
victorian



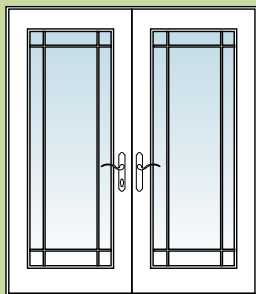
colonial



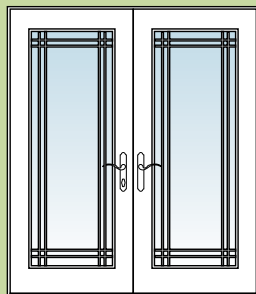
perimeter



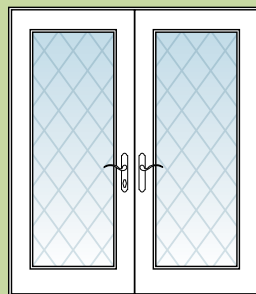
double perimeter



queen anne



double queen anne



diamond
AVAILABLE IN
V-GROOVE ONLY

» Double perimeter unpolished V-Groove



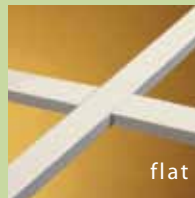
Decorum™

BY SIMONTON

ADD SOME SPARKLE

The right grid design can really accentuate the architectural style of your home. Choose from flat, sculpted or elegant V-Groove grid styles. Then select from seven standard grid patterns. Custom patterns also available by request.

GRID PROFILES



- » Sculpted Perimeter Grid
- » Oil-Rubbed Bronze Hardware
- » Espresso Exterior



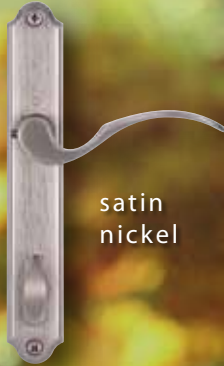


Lumera™

Step 3 Select Your Handle & Hinge Finishes



white (standard)



satin nickel



oil-rubbed bronze



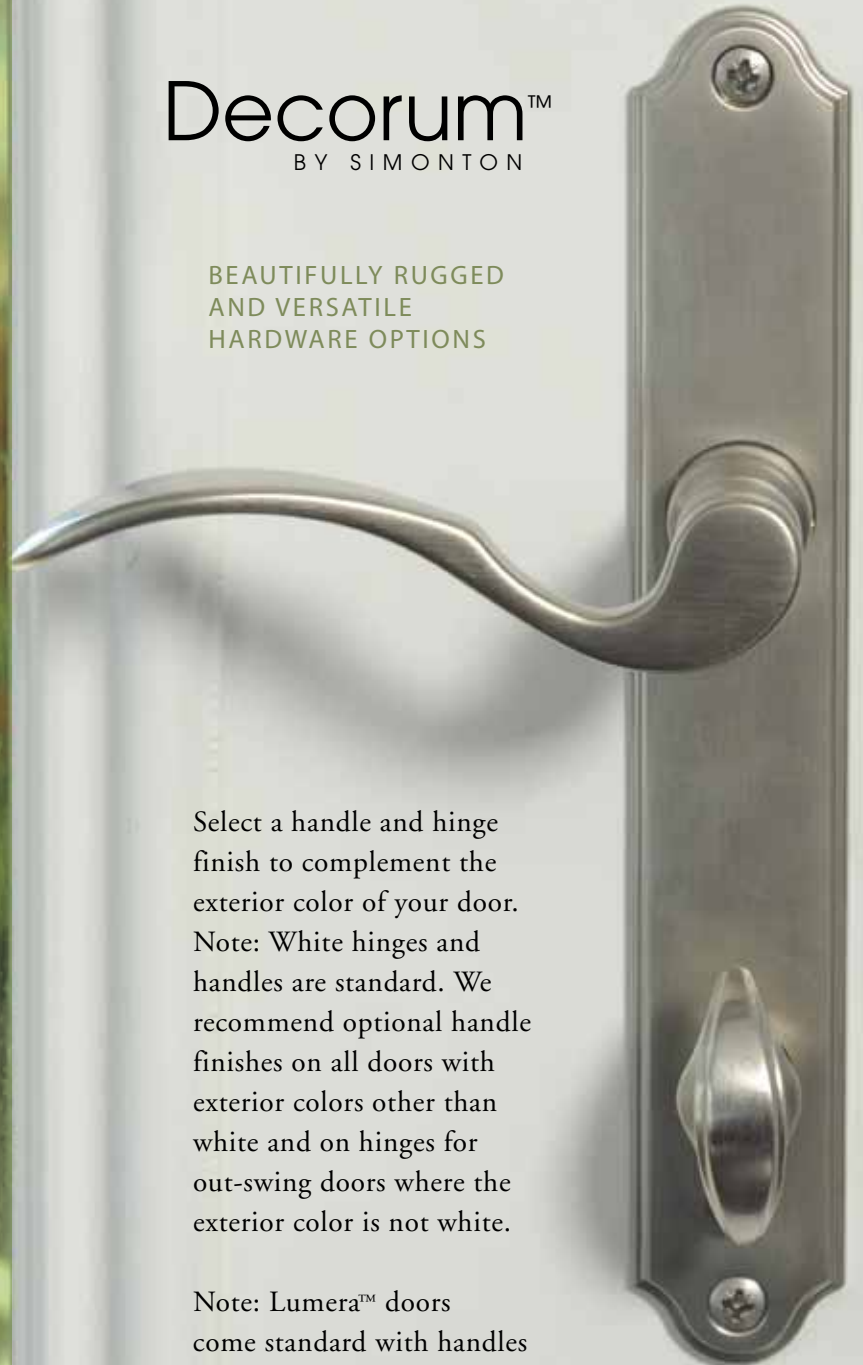
antique brass



brass

Decorum™ BY SIMONTON

BEAUTIFULLY RUGGED
AND VERSATILE
HARDWARE OPTIONS



Select a handle and hinge finish to complement the exterior color of your door. Note: White hinges and handles are standard. We recommend optional handle finishes on all doors with exterior colors other than white and on hinges for out-swing doors where the exterior color is not white.

Note: Lumera™ doors come standard with handles on all operable panels.

ALWAYS SECURE

Multi-point locking systems come standard on Lumera™ doors. On a single-panel door two tongue bolts go through the side jamb along with the deadbolt for maximum security. Two-panel doors have head and sill shoot bolts along with the deadbolt locking system.



MIX AND MATCH

You can mix and match the hardware finishes for handles and hinges as shown in the picture at right. Find the combination that fits your architectural style.

- » Oil-Rubbed Bronze Handles with White Hinges
- » Reed Privacy Glass
- » Flat Colonial Grid





Lumera™

Fiberglass Hinged Patio Doors

COMPLETE THE PACKAGE WITH
VIRTUALLY MAINTENANCE-FREE
TRIM PACKAGES

Ask your Simonton contractor
for virtually maintenance-free
trim to finish your project.
Spend your days watching the
grass grow or your neighbors
paint their house.

◀Satin Nickel Hardware ▶Sculpted Grid with Custom 10-Lite Pattern

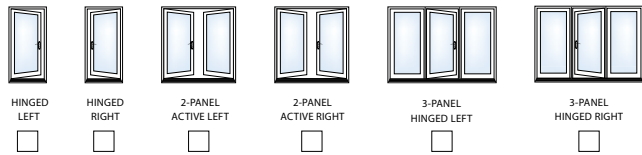
SIMONTON DOOR BUILDER CHECKLIST

Use this form to build a door that meets your needs and lifestyle. Decide on as much as you can and work with your Simonton Dealer to ensure you get your Lumera™ doors exactly as you want them!

Step 1 Determine Your Size, Configuration and Color

SIZE Measure Rough Opening: W _____ x H _____

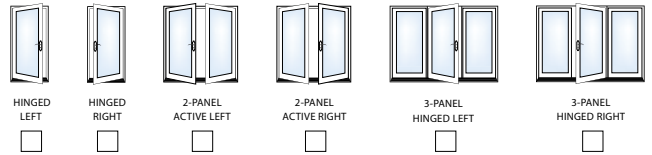
IN-SWING



COLOR

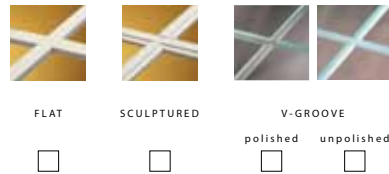


OUT-SWING

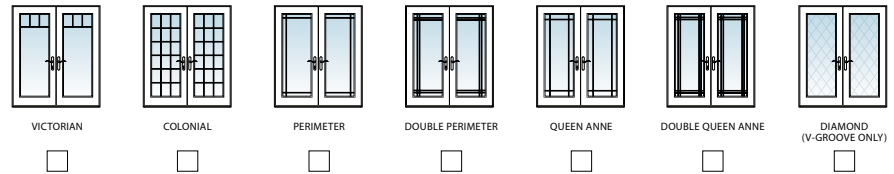


Step 2 Select Your Grids, Glass and Blinds

GRID STYLE



GRID PATTERN



GLASS



BLINDS BETWEEN GLASS

YES NO

Step 3 Select Your Handle & Hinge Finishes

HANDLES



HINGES

- WHITE
- SATIN NICKEL
- ANTIQUE BRASS
- OIL-RUBBED BRONZE
- BRASS



Lumera™
FIBERGLASS HINGED PATIO DOORS



RECOGNIZED FOR CUSTOMER SATISFACTION

J.D. Power and Associates ranks Simonton “Highest in Builder and Remodeler Satisfaction Among Residential Window and Patio Door Manufacturers Three Years in a Row.”

And *Builder Magazine* readers have recognized us with the #1 in Quality award in vinyl windows four times in recent years.

LIFETIME WARRANTY

Lumera™ Fiberglass Hinged Patio Doors are covered by a full lifetime warranty including accidental glass breakage. For full details go to www.simonton.com/ServiceSolutions/WarrantyRegistration



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Simonton Windows received the highest numerical score among window and door manufacturers in the proprietary J.D. Power and Associates 2010 Windows and Patio Doors Satisfaction Study™ and 2010 Builder and Remodeler Residential Window and Patio Door Satisfaction Study.™ Customer Study based on 3,049 consumer responses for new windows/patio doors purchased in the previous 12 months. Builder/Remodeler Study based on 4,320 responses. Proprietary study results are based on experiences and perceptions of consumers surveyed in March-May 2010. Your experiences may vary. Visit jdpower.com.