



**WINDSOR**  
WINDOWS & DOORS

# PINNACLE

Wood Clad and Primed Windows & Doors







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# Your Vision Our Passion

**Windsor Windows & Doors can help bring your vision to life.** Our windows and doors open up a home to the light, air and beauty of the outside world. But it's the inspired designs and lasting performance of Windsor products that open up a world of possibilities for architects and builders.

Windsor has been developing unique home construction solutions for more than 70 years. We're dedicated to bringing you the highest quality products on the market, all for the best value.

Choose from a wide selection of products for new construction, remodeling or light commercial applications. Windsor's windows and doors allow you to get creative with your next project, without sacrificing quality or stretching your budget.





# The Wonders of Wood

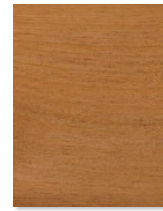
**Strength and beauty shine through in Windsor's Pinnacle products.** We use only the finest pine, alder and fir so you can create only the finest homes. No matter what design you have in mind, Windsor allows you to achieve it in style. With each Pinnacle product, you get the rugged durability and traditional appeal of real wood.



Clear Select Pine



Douglas Fir

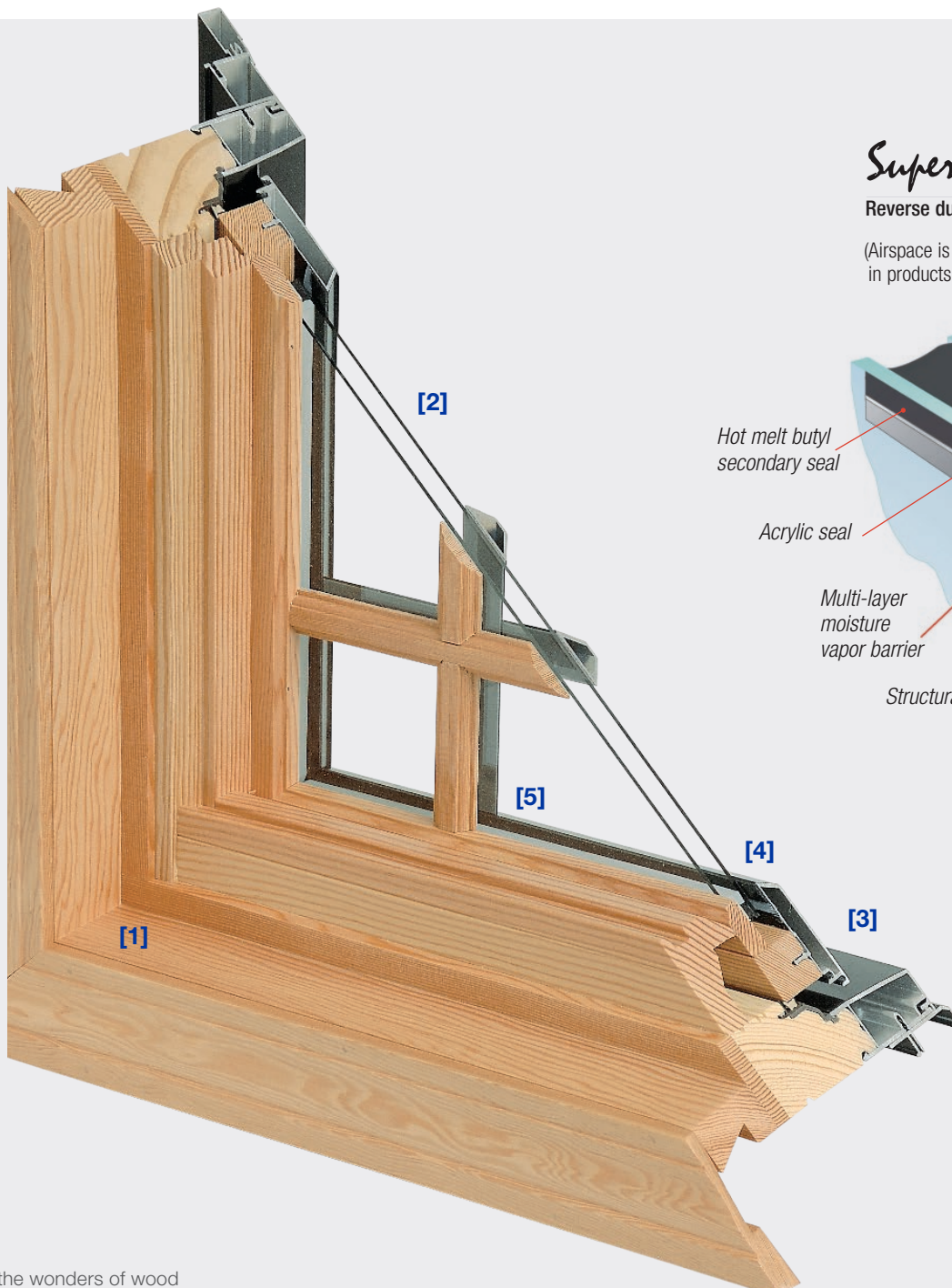
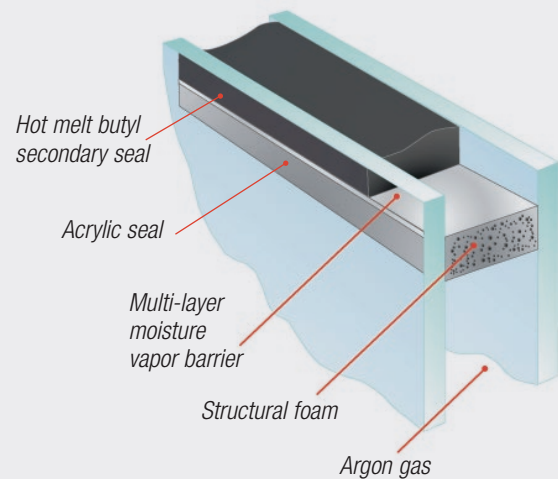


Natural Alder

## Super Spacer®

### Reverse dual-seal technology

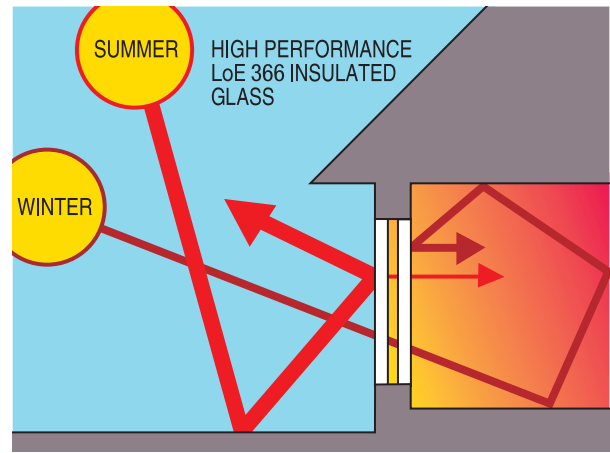
(Airspace is not filled with argon in products with breathing tubes.)





# See What Sets Pinnacle Apart

**[1] PREMIUM WOOD CONSTRUCTION** Natural wood serves as one of the most energy efficient materials available. Windsor uses only the finest wood interiors of Clear Select Pine, Natural Alder or Douglas Fir.



Our Pinnacle products offer an industry leading **Limited 20/10 Warranty.** For more specific information, please visit our website.

**[2] CARDINAL® LOE 366 GLASS** Windsor products feature LoE 366 glass with a coating that alters the way glass transmits visible and invisible light. LoE 366 decreases heat loss in the winter and heat gain in the summer. Reduced ultraviolet light penetration also helps prevent your furniture, drapes and carpet from fading.

A triple-glazed IG option is available for Pinnacle Select and Pinnacle clad direct set and radius units. Triple IG consists of 1-1/4" OA thickness and two LoE coatings. The LoE 366 coating on surface #2 and the LoE 180 coating on surface #5 provides superior U-value thermal performance.

**[3] EXTRUDED ALUMINUM** We use only heavy-duty .050 extruded aluminum cladding, versus thin roll form aluminum. It is sturdier and more resistant to exterior damage, including dents and chips. The powder coat used in our paint application is the extremely durable 2604 finish. The 2605 finish is available when your project requires an even stronger defense against the elements. All Pinnacle clad and Select casement and awning products feature a thermally-broken frame for improved efficiency.

**[4] TAPE AND SILICONE GLAZED** We use silicone and tape glazing methods to ensure a water-tight seal and slow the conduction of heat and cold.

**[5] SUPER SPACER® TECHNOLOGY** Super Spacer dual-seal moisture barrier technology provides one of the most thermally efficient spacers in the marketplace, meeting or exceeding ENERGY STAR® guidelines in all zones. All-foam Super Spacer reduces heat and cold conduction, which results in more comfortable living for homeowners and fewer callbacks for builders.

**STATE-OF-THE-ART LISEC® GLASS FABRICATION EQUIPMENT** Our highly-automated glass line requires no manual manipulation – dramatically reducing seal failures caused by human contact with the glass – while our robotic equipment provides an incredible level of accuracy for a fast and efficient material flow.

**ENERGY STAR PARTNER** Windsor Windows & Doors is proud to be an ENERGY STAR partner. Look for the ENERGY STAR logo on our products, which means those models meet EPA guidelines for energy efficiency. Performance data is available on our website.



PINNACLE SELECT CASEMENT PICTURE WINDOWS IN PINE WOOD.  
Atlanta, Georgia.





# Pinnacle Select

## Casement & Awning

### Welcome to the peak of perfection in windows.

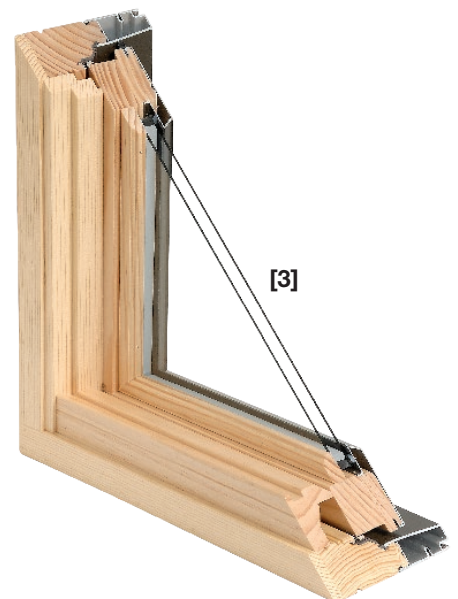
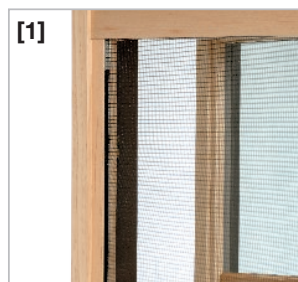
Pinnacle Select is an elite line of casement and awning windows constructed from enhanced components for unsurpassed performance.

Standard features include 2-5/16" wide stiles and rails for structural stability and architectural appeal, plus a robust 2-3/16" thick sash for dimension and strength. A triple-glazed IG option is available, which features a 2-7/16" thick sash and 1-1/4" OA insulated glass. BetterVue screen material provides improved visibility, airflow and insect resistance. In addition, standard windows include full-width extension jambs and strong DP ratings for structural performance.

Additional options include push-out functionality in standard and French casements, with stylish hardware, innovative retractable screens and larger frame sizes to accommodate a wider variety of homes. With warranties up to 30 years on Select clad products, homeowners get the ultimate in window performance, stability, style and efficiency.



- [1]** Retractable screens have a solid wood pull at the bottom for easy operation. Spring-loaded units pull down from the top and lock into place at the sill.
- [2]** Push-out hardware consists of an easy-to-operate lever with cam rollers and keepers, providing a multi-point locking system that is standard. Push-outs are also equipped with adjustable friction hinges and lock rollers.
- [3]** Select windows are constructed with 2-5/16" wide stiles and rails that add structural stability and provide a more massive architectural appearance. A robust 2-3/16" thick sash adds dimension and strength and full-width extension jambs are standard on Select units.
- [4]** For Select units with 1-1/4" OA triple IG, the sash thickness increases to 2-7/16".







# Pinnacle Select Patio Doors —

Reaching new heights in style

**Introducing Pinnacle Select Patio Doors, an elite line of grand-scale patio door styles perfect for today's majestic architectural homes.** Pinnacle Select Patio Doors are constructed from enhanced components for unsurpassed performance. Available in in-swing, out-swing, multi-slide and bi-folding styles, these doors are specifically designed for complementary interior and exterior space.

**Pinnacle Select Patio Doors include two construction options:**

- Thermally broken, heavy-duty all aluminum exterior and interior
- Thermally broken, heavy-duty aluminum exterior and wood interior; choose from beautiful Pine or Douglas Fir wood

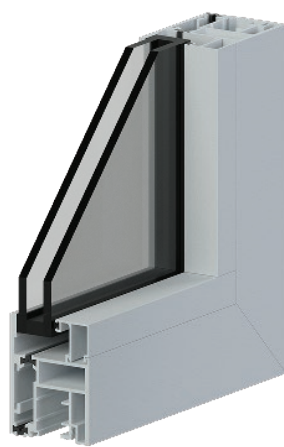
With countless hardware options, expert craftsmanship and high-performance technology, these large-panel doors provide expansive full-glass views to the surrounding outdoor beauty in any season.





## Pinnacle Select Multi-slide

**For inspiring views from floor to ceiling / treetop to ground level,** Windsor's Select line of multi-slide patio doors offers unique architectural appeal, blending the splendor of the outdoors with any interior space – living room, dining room, kitchen, bedroom – the design possibilities are limitless. *Standard surface mount and recessed sill options available.*



Multi-slide Alum Ext. Alum Int. Panel



Multi-slide Alum Ext. Wood Int. Panel





## Pinnacle Select

# In-swing and Out-swing

**Today's homes come to life when the patio serves as a warm, open extension of the living space.**

Windsor's elite line of Select swinging patio doors adds a true architectural statement sure to welcome – and impress – family and friends. Choose from in-swing or out-swing models; either is perfect for expanding the living space for entertaining or simply to enjoy the beauty of the outdoors. *Standard and ADA sill options available.*



In-swing/Out-swing  
Alum Ext. Alum Int. Panel



In-swing/Out-swing  
Alum Ext. Wood Int. Panel





## Pinnacle Select Bi-fold

**Combining beautiful style and effortless function,** Windsor's line of Select bi-fold patio doors is another option to connect the home's interior space to outdoor patio living. These bi-fold doors fold like an accordion to create wide-open entryways. The hinge system provides stability and smooth operation while the multi-point locking system provides uncompromised security. *Standard surface track and recessed sill options available.*



Bi-fold Alum Ext. Alum Int. Panel



Bi-fold Alum Ext. Wood Int. Panel







Pinnacle Casement, Awning, Direct Set and Picture Windows, and Sliding Patio Door. Cleveland, Ohio.

## Pinnacle

# Casement & Awning

**Simplicity is a thing of beauty.** Casements and awnings provide convenience and energy conservation in one easy-to-use, even easier-to-look-at unit. The Pinnacle casements and awnings offer maximum light, excellent ventilation and simple cleaning. With an endless number of sizes and options, we can make a casement or awning for any room in your home. We use a thick, two-inch sash and our special tape and silicone glazing method to increase insulation and, more importantly, reduce your energy bills. Our sleek, single-lever, multi-point hardware makes for effortless operation and a tight, leakproof fit.

Enjoy an easy-to-operate window available at an incredible value. Pinnacle casements and awnings can help you achieve the cost savings and energy efficiency you need, with the natural wood beauty you want.

Choose a standard frame with various extension jamb depths for a traditional look or a 3-1/4" frame for narrow wall construction or drywall return applications.

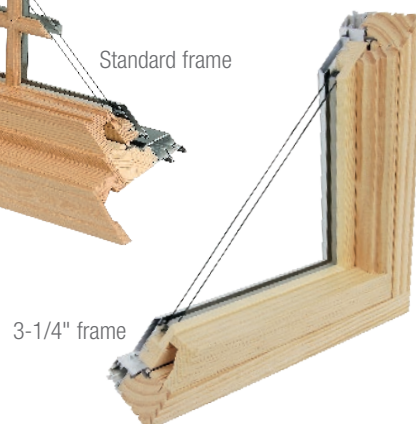


**[1]** The single-lever lock pulls the sash in at multiple points for a tight seal.

**[2]** The adjustable hinge system ensures proper alignment after installation and smooth operation for years to come.



Standard frame



3-1/4" frame



## Pinnacle

# Direct Set & Radius

**Be unique. Be outstanding.** The Pinnacle product line can be customized to suit your home and personality. Enjoy an angle peak at the top of a casement or design a curved shape that's a complete original. Feel free to get creative, because our direct set and radius line of products are all up to the same

exact measures of energy efficiency and overall quality as our other windows and doors. Custom-shaped windows are a great statement for your home. Plus, with a triple-glazed IG option featuring 1-1/4" OA insulated glass available on Pinnacle clad direct set and radius units, the possibilities are endless.

**NOTE:** Primed direct set and radius units come standard with cellular PVC exterior trim and stops.



PINNACLE RADIUS DIRECT SET WINDOWS AND PINNACLE SELECT CASEMENT WINDOWS. Atlanta, Georgia.





## Pinnacle

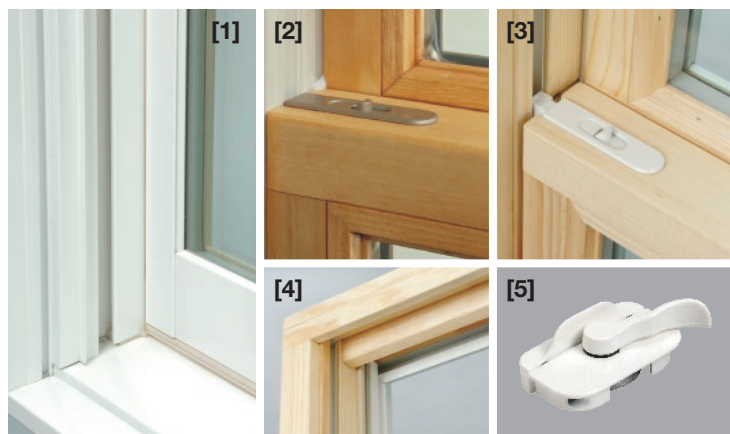
# Double Hung & Glide-by

**We've made your world easier.** Windsor's double hung and glide-by windows are not only an attractive addition to a home, they are extremely easy to maintain. The sash on the double hung easily tilts in and removes for easy cleaning. Our unique locking shoe balance system also allows you to effortlessly replace or remove individual sashes. Clad units come with heavy-duty .050 extruded aluminum cladding, and primed units feature parts made

of revolutionary composite cellular PVC exterior that resists the elements.

Our double hung windows with concealed jambliner feature a full-sized, inverted block and tackle balance, which provides support for a heavier sash. Jamb jacks offer flexibility for adjustment after setting. Installation and alignment is made easier through trim identification lines on the side and head inside stops.

With the concealed jambliner option, you get an enhanced appearance with more wood pieces in the interior jamb covers and head parting stop, offering color-matched aluminum on exterior portions and providing color options for the sill bottom rail weatherstrip to coordinate with cladding colors.



Sash tilts in easily with the help of recessed tilt latches that are color matched to the hardware you choose.

**[1]** The sill bottom rail weatherstrip is now available in two colors: bronze and beige. Exterior jamb covers are available in finishes that match the aluminum.

**[2]** Double hung without concealed jambliner.

**[3]** Double hung with concealed jambliner.

**[4]** A trim identification line on the side and head inside stops provides easy alignment during installation. A wood head parting stop replaces a vinyl parting stop.

**[5]** Recessed lock and keeper for a sleek appearance.





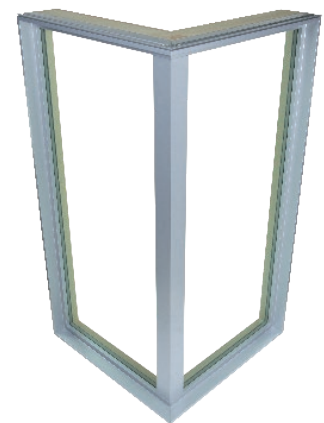
PINNACLE 90-DEGREE CORNER WINDOW AND NARROW STILE SLIDING PATIO DOOR. Cleveland, Ohio.

## Pinnacle

# 90-degree Corner Window

**Wrap your room in natural light.** Constructed with the same frame as our Pinnacle clad low profile direct set, our 90-degree corner window is designed with clean, straight lines to maximize your view. Corner units are available with a glazed corner post or choose to forgo the post altogether for virtually unobstructed sightlines.\*

Increased visible glass provides a clear view of the outside world, while high-performance thermal ratings maintain a comfortable indoor environment. Whether you want to finish off a sunroom with architectural interest or create expansive panoramic views in a kitchen, our corner windows offer a stunning option sure to give your project a bold, modern look.



Clear powder coat paint exterior



Pine interior

\*Open units with no corner post will require field glazing by others.





## Pinnacle Sliding Patio Doors

**Smooth, sleek and incredibly charming.** Whether you choose traditional French or contemporary narrow stiles, Pinnacle sliding doors will be the talk of your next outdoor event with their incredible ease and aesthetics. With up to four panels, the doors glide effortlessly on two end adjustable tandem steel ball bearing rollers. Sliding doors have a pultruded fiberglass sill available in a gray or bronze finish. The heavy-duty weatherstripping also ensures your patio doors will be ready for the changing seasons, even when your patio is not.

**NOTE:** Primed sliding patio doors come standard with cellular PVC exterior trim.







## Pinnacle Swinging Patio Doors

**The highlight of a house.** Your patio is an extension of your home, and your home is an extension of yourself and your style. That's why at Windsor we offer you several options for our Pinnacle swinging patio doors. Choose from in-swing or out-swing models. Add architectural interest to any project by choosing a curved seg-top patio door. Select one panel to operate or two panels. Include up to four panels in one frame. For safety, we can install multi-point locking hardware – for style, we can accent your doors with a customized transom, radius or sidelites.

A complement to any home's décor, Windsor's beautifully crafted 1/2 and 3/4 lite panel doors are available in the finest wood interior finishes and offer more customizable features with split panel or flat panel options. The design options continue, with over 50 different exterior clad colors and finishes, several hardware styles, multiple hardware finishes and numerous grille options.



PINNACLE DIRECT SET WINDOWS AND OUT-SWING NARROW STILE PATIO DOOR. Washington, D.C.





## Pinnacle

# Bi-fold Patio Doors

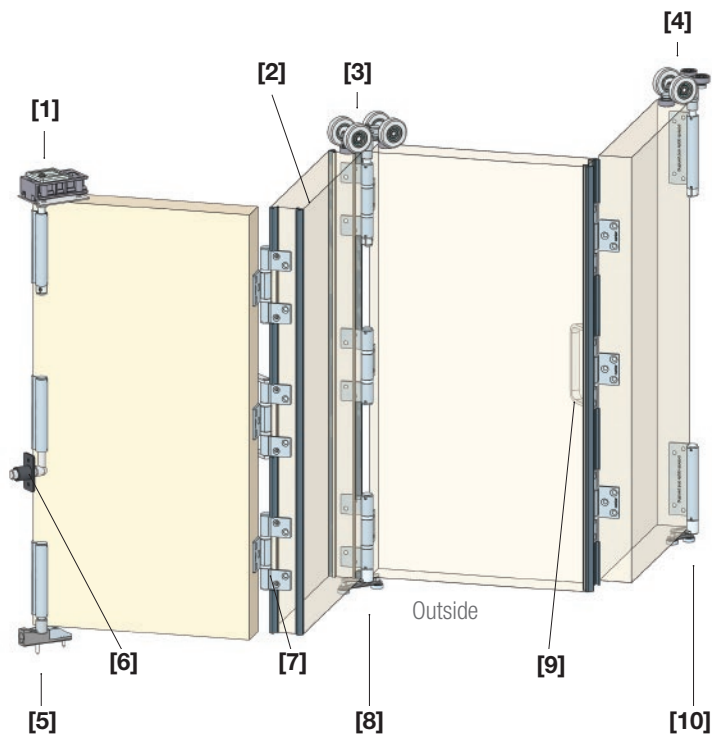
**Open up your world.** Quality, high-performance and stunning beauty come together with Pinnacle bi-fold patio doors. We offer this versatile product in many sizes and configurations, which allows for installation in standard construction openings. This innovative concept brings open-air luxury to virtually any custom project.

Our bi-fold patio doors feature a revolutionary hinge system that will provide graceful operation and reliable

function for years to come. With options including three premium hardware finishes, 50 clad colors, eight anodized finishes and a wood interior selection of Clear Select Pine, Natural Alder and Douglas Fir, your possibilities are wide open. Imagine how our bi-fold patio doors can enhance your projects. Homeowners love the way these doors bring the beauty of nature into their home. Pinnacle bi-fold doors are offered in five heights: 6'8", 6'10", 8'0", 9'0" and 10'0" and can be assembled with as few as two panels, and up to eight panels wide. Imagine having the capability to span an opening as high as 10' tall and as long as 24' wide!

## Bi-fold Patio Door Terminology

- [1] Top pivot
- [2] Weatherseal
- [3] Intermediate carrier
- [4] End carrier
- [5] Concealed bottom pivot
- [6] Wall pivot
- [7] Hinge
- [8] Concealed intermediate guide
- [9] Hinge with handle
- [10] Concealed end guide







## Pinnacle

# Multi-slide Patio Doors

**Enhance your views.** Whether your home overlooks a beautiful cityscape or a quiet lake, Pinnacle multi-slide patio doors create an impactful design element. Highlight brilliant outdoor views and give your home a unique architectural look that expands the feel of indoor living space.

Available in stacking or pocket configurations up to 32 feet wide, our clad multi-slide patio doors offer many of the same features as other products in the Pinnacle line. Choose from 23 standard colors, 27 feature colors, one of three wood species, and a variety of glazing options and grille designs. All applications using multi-slide door systems require overhangs equal to or greater than the height of the multi-slide door.



PINNACLE MULTI-SLIDE DOOR WITH THREE NARROW STILE PANELS.  
Eagle, Idaho.



# Options & Accessories

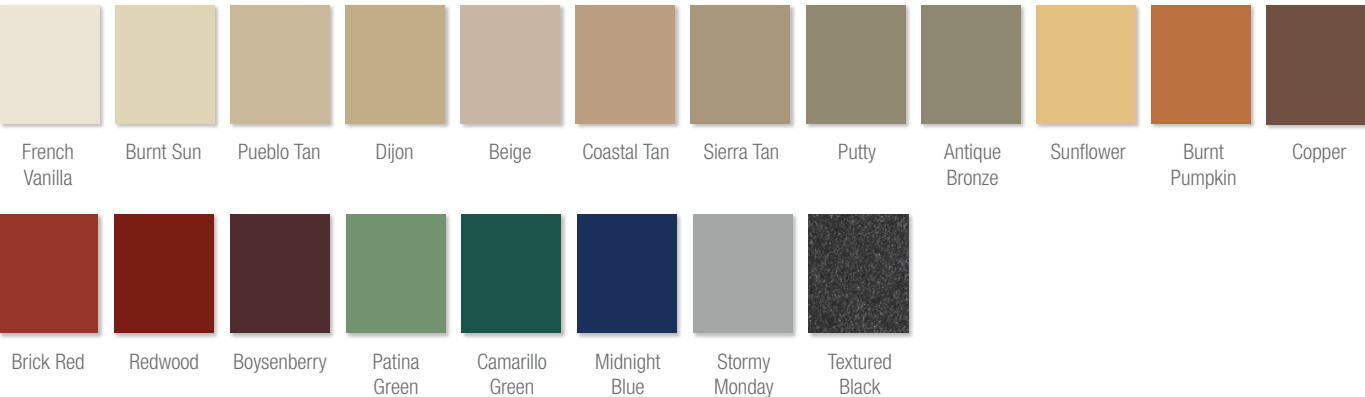
**Finishing touches to perfect your vision.** Windsor does more than just create durable, high-performance windows and doors. We pay attention to every detail and offer a wide array of options and finishes to match any décor. Flashy and eye-catching or simple and understated, our hardware, finishes, grille options, cladding colors, glass options and trim options complete the perfect window and door package.

Windsor’s in-house powder paint application can help you make a statement with your windows and doors. Choose from over 50 shades in our standard and feature color palettes, or make it truly unique with custom color matching or our matte finish colors. All paints are protected with the highly durable 2604<sup>1</sup> finish, or you can upgrade to 2605<sup>2</sup> for even stronger defense against the elements.<sup>3</sup>

**STANDARD CLAD COLORS** Pinnacle Windows | Pinnacle Select Windows | Pinnacle Patio Doors | Pinnacle Select Patio Doors  
Available in 2604 and 2605 finish.



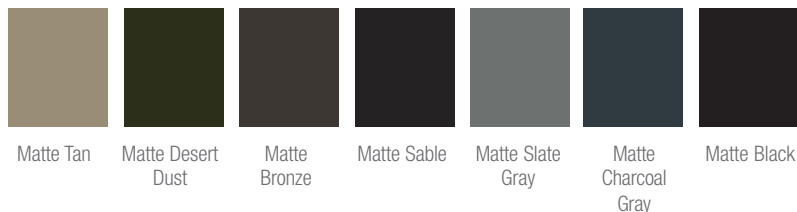
**FEATURE CLAD COLORS** Pinnacle Windows | Pinnacle Select Windows | Pinnacle Patio Doors | Pinnacle Select Patio Doors  
Available in 2604 and 2605 finish. (Custom color matching is also available)





## MATTE CLAD COLORS Pinnacle Windows | Pinnacle Select Windows | Pinnacle Patio Doors | Pinnacle Select Patio Doors

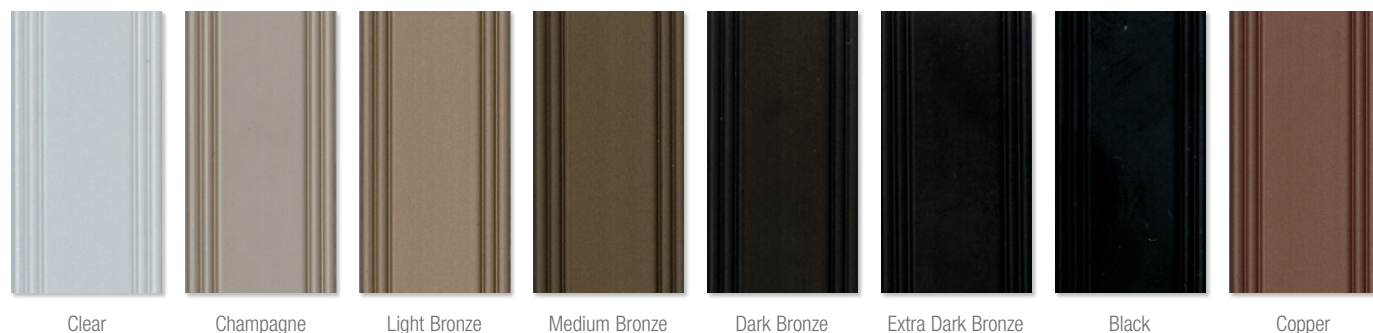
Available in 2604 finish only.



<sup>1</sup>AAMA 2604 finish backed by a 20-year warranty. <sup>2</sup>AAMA 2605 finish backed by a 30-year warranty. <sup>3</sup>For applications within one mile of the coast, AAMA 2605 finish will carry a 10-year warranty and AAMA 2604 will carry no warranty. For specific warranty details, please refer to the complete warranty document posted on our website, [www.windsorwindows.com](http://www.windsorwindows.com).

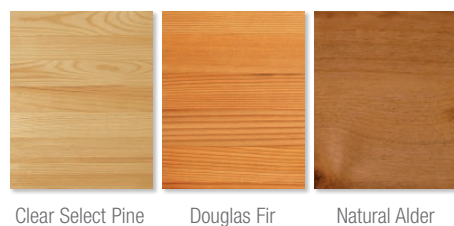
## ANODIZED FINISHES Pinnacle Windows | Pinnacle Select Windows | Pinnacle Patio Doors

Anodized finishes carry a 5-year standard warranty. For applications within one mile of the coast, anodized finishes will have no warranty.



## INTERIOR FINISHES Pinnacle Windows | Pinnacle Select Windows | Pinnacle Patio Doors

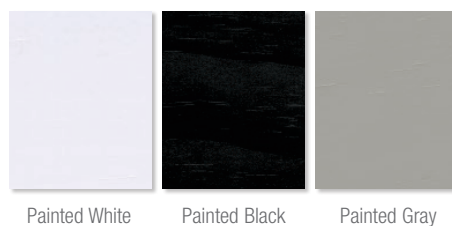
### Interior Wood Species



### Interior Primed Finishes



### Prefinished Painted Interiors



### Prefinished Stained Interiors CLEAR COAT AND STAIN SAMPLES ARE SHOWN ON CLEAR SELECT PINE AND REPRESENT OPTIONS AVAILABLE. ACTUAL FINISH MAY VARY.





WINDOW HARDWARE AND FINISHES Pinnacle Windows



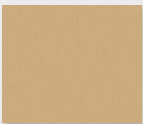
Traditional Casement/Awning Crank



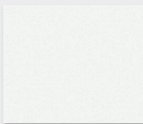
Contemporary Casement/Awning Crank



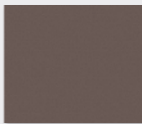
Double Hung Lock



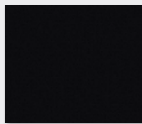
Champagne



White



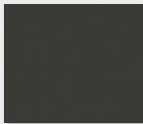
Bronze



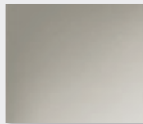
Black



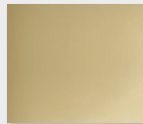
Faux Bronze



Oil Rubbed  
Bronze



Satin Nickel



Bright Brass

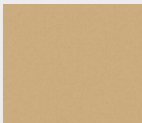
WINDOW HARDWARE AND FINISHES Pinnacle Select Windows



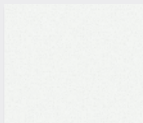
Traditional Casement/Awning Crank



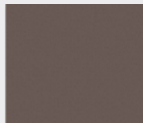
Contemporary Casement/Awning Crank



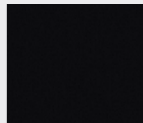
Champagne



White



Bronze



Black



Faux Bronze



Oil Rubbed  
Bronze



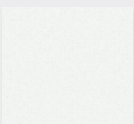
Satin Nickel



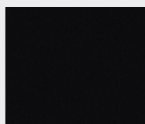
Bright Brass



Push-out (Lever)



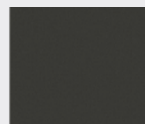
White



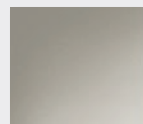
Black



Faux Bronze



Oil Rubbed  
Bronze



Satin Nickel

NOTE: Printing limitations prevent exact color/finish representation. See your Windsor distributor for actual samples.



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## INTERIOR TRIM

Pinnacle Windows | Pinnacle Select Windows | Pinnacle Patio Doors

Custom-fitted wood trim is available in Clear Select Pine, Douglas Fir and Natural Alder. *(All photos shown in Clear Select Pine.)*

### Interior Trim



WM 327 • 2-1/4"



WM 356 • 2-1/4"



WM 366 • 2-1/4"



WM 351 • 2-1/2"



WM 361 • 2-1/2"



WM 445 • 3-1/4"



WM 444 • 3-1/2"



RB 03 • 3-1/2"



WM 473 • 2-1/4"



WM 433 • 3-1/4"



WM 412 • 3-1/2"

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### Stool and Apron

Only Available in double or single hung windows



WM 1021 • 5-1/4"



B 200 • 11/16" x 2-1/2"

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### Rosettes



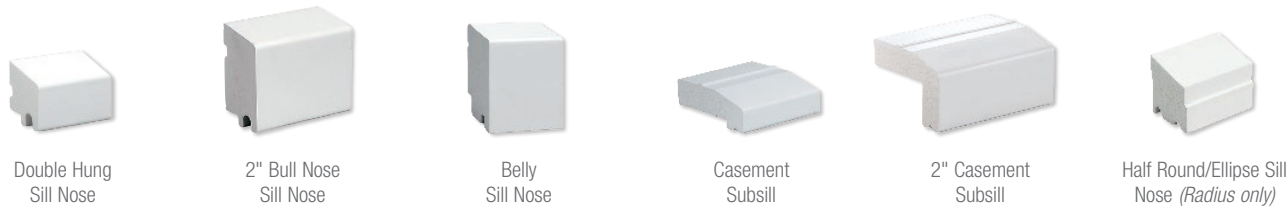
Rosette • 2-3/4"



Rosette • 3-3/4"

EXTERIOR WINDOW TRIM

Cellular PVC Exterior Sill Options Pinnacle Windows (For Primed exterior finishes only)



Cellular PVC Exterior Casing Options Pinnacle Windows (For Primed exterior finishes only)



Clad Exterior Casing Options Pinnacle Windows | Pinnacle Select Windows | Pinnacle Patio Doors





## GLASS Pinnacle Windows | Pinnacle Select Windows | Pinnacle Patio Doors

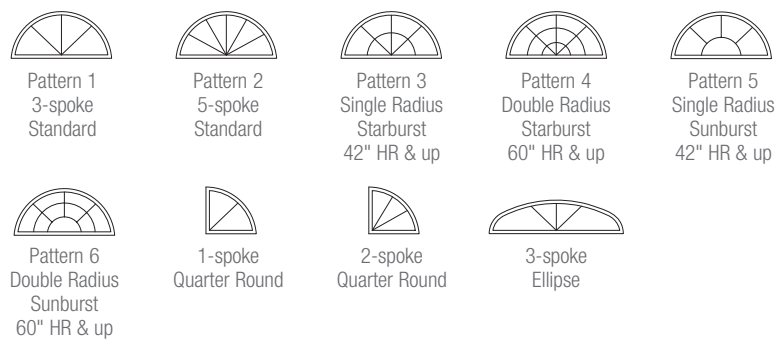
\*Special order item. Units with 1-1/4" OA triple IG are only available in LoE 366/180, obscure, satin etch, glue chip, rain and reed glass.



## DIRECT SET AND RADIUS OPTIONS Pinnacle Windows

Before selecting a special grille pattern, confirm alignment with units below.

### Radius Inner Grille Patterns



### Radius Special Shapes

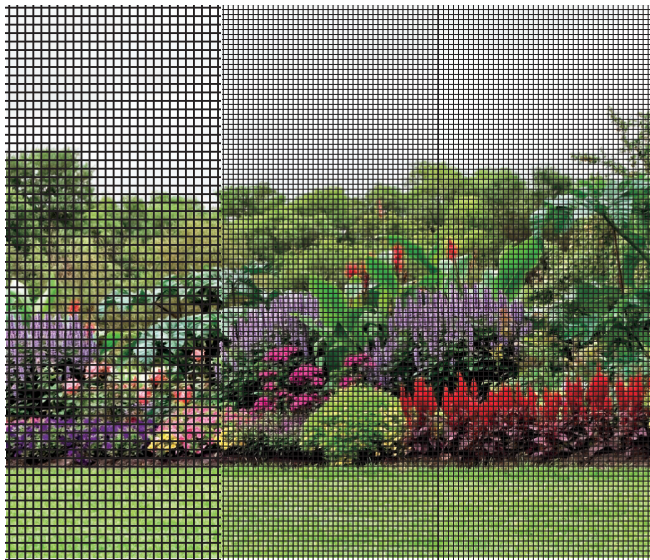


### Direct Set Special Shapes



## SCREENS Pinnacle Windows | Pinnacle Sliding Patio Doors

All exterior-applied screens for Pinnacle double hung, glide-by and sliding patio doors come with screen frames matching the clad color of the unit. Interior-applied screens for Pinnacle casement and awning windows have screen frames available in champagne, white, bronze, black, wood-veneered pine, wood-veneered alder or wood-veneered fir.



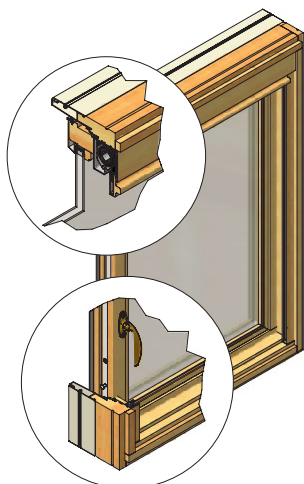
Conventional Screen Mesh

BetterVue® (Standard)

UltraVue®

## SCREENS Pinnacle Select Windows

Windsor's standard BetterVue screen material provides improved visibility, airflow and insect resistance. Operating units are available with a standard screen or a retractable screen option. Standard screens are pressure mounted to fit within the frame of the window and are easily installed and removed. Push-out casements and awnings are available with a retractable screen. Retractable screens are available in pine, alder and fir wood species and have a solid wood pull at the bottom of the screen for easy operation. These spring-loaded units pull down from the top and lock into place at the sill. All interior tracks and covers come standard with species matched wood veneer.



## GRILLES Pinnacle Windows | Pinnacle Select Windows

All of our wood and cellular PVC (CPVC) Windsor Divided Lite bars are hand-fitted to ensure a perfect fit.



7/8" & 1-1/4"  
Perimeter Grille



7/8" & 1-1/4"  
Stick Grille



3/4" & 1"  
Profiled Inner Grille



13/16" Flat Inner Grille  
(Not available on Select)



7/8" & 1-1/4"  
Exterior Clad Ogee  
Windsor Divided Lite



7/8" & 1-1/4"  
Exterior CPVC Ogee  
Windsor Divided Lite  
(Primed only)



5/8", 7/8", 1-1/4" & 2"  
Tall Putty  
Windsor Divided Lite



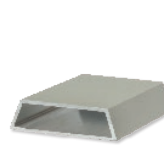
5/8", 7/8", 1-1/4" & 2"  
Short Putty  
Windsor Divided Lite



5/8", 7/8", 1-1/4" & 2"  
Short Tall and Short  
Contemporary Windsor  
Divided Lite



5/8", 7/8", 1-1/4" & 2"  
Tall Interior Contemporary  
Windsor Divided Lite



2" Tall Putty  
Simulated Check Rail



2" Exterior Low Profile  
Simulated Check Rail



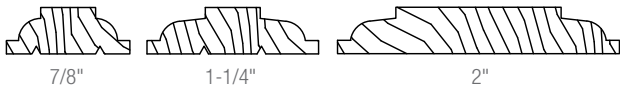
2" CPVC Simulated  
Check Rail (Primed Interior  
Finish Only)



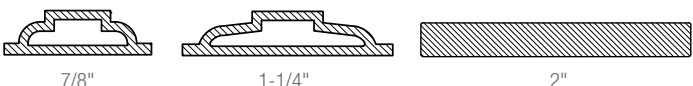
3-3/8"  
Simulated Mid Rail



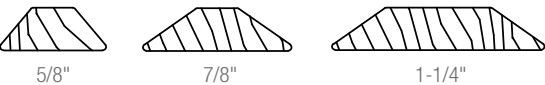
**Interior Grilles – Ogee**



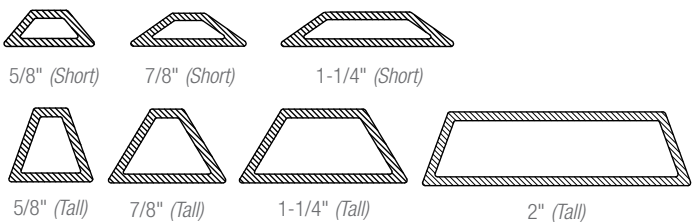
**Exterior Grilles – Ogee**



**Interior Grilles – Putty**



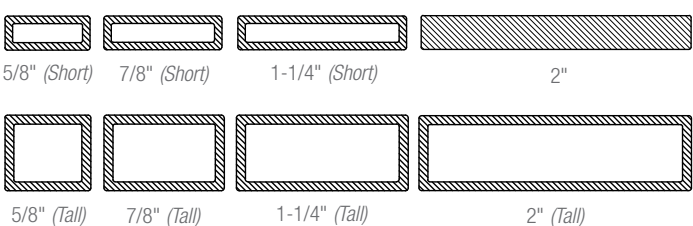
**Exterior Grilles – Putty**



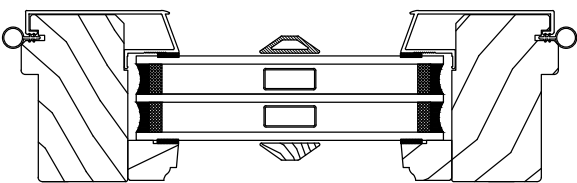
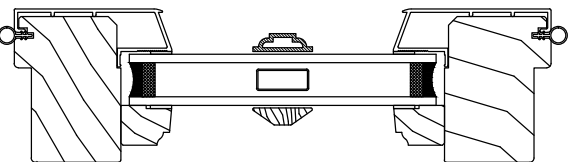
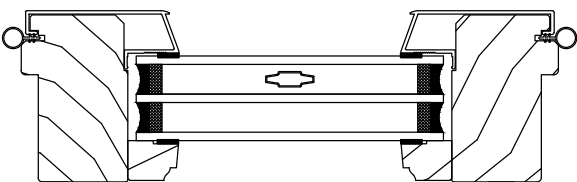
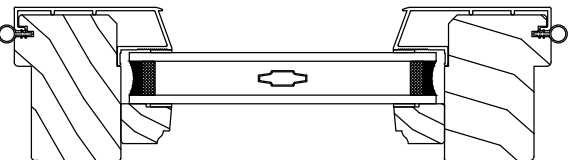
**Interior Grilles – Contemporary**



**Exterior Grilles – Contemporary**



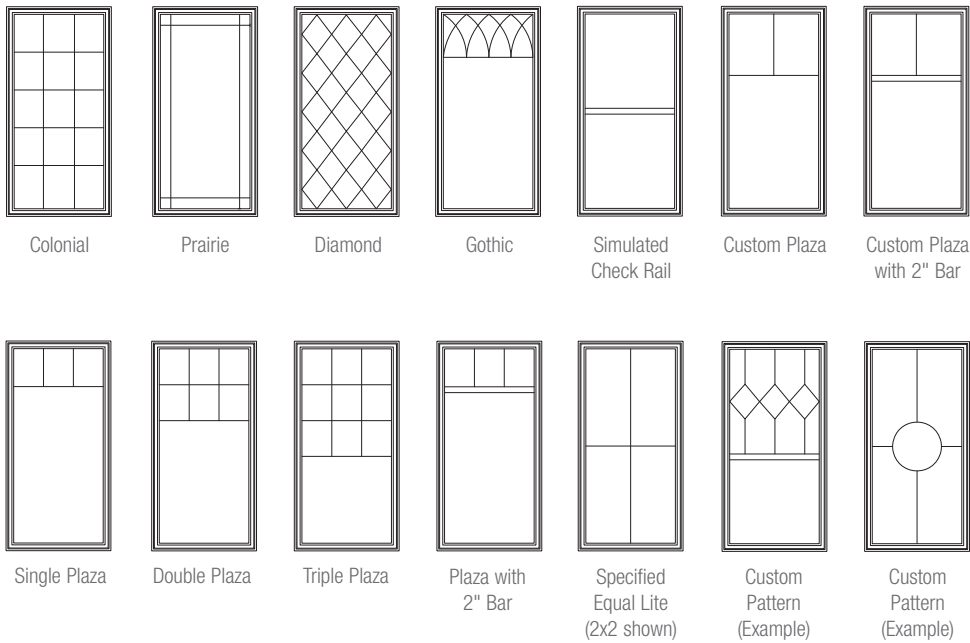
**GRILLE SECTIONS**



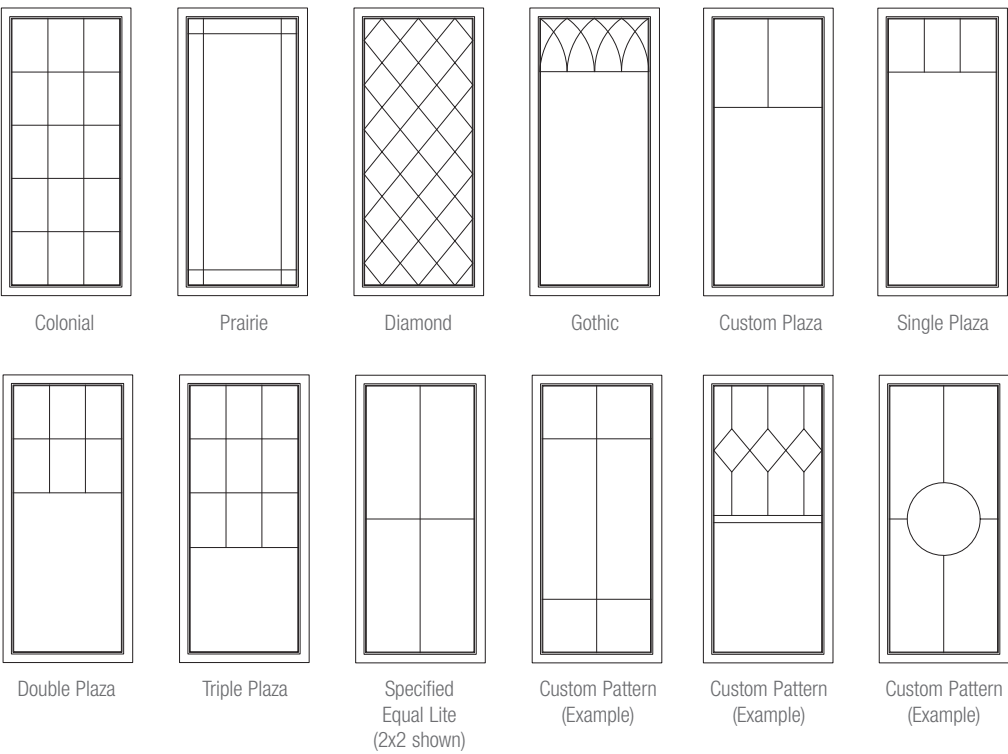
GRILLE PATTERNS

Some grille patterns are not available in all configurations and products.

Casement and Awning Grille Patterns Pinnacle Windows | Pinnacle Select Windows

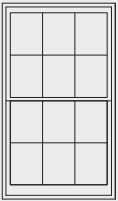


Patio Door Grille Patterns Pinnacle Patio Doors

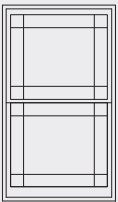


Double Hung Grille Patterns

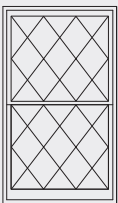
Pinnacle Windows | Pinnacle Select Windows



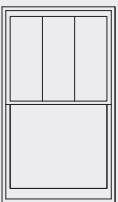
Colonial



Prairie



Diamond



Plaza



**PATIO DOOR HANDLES AND FINISHES** Pinnacle Patio Doors

Finishes marked with asterisks\* feature a clear coating that protects the finish against tarnish and peeling.  
This process extends the rich, bright life of the finish and dramatically delays the aging process.

*Bi-fold doors are available with a classic or contemporary swinging handle in Satin Nickel, Brass and Oil Rubbed Bronze.*



Classic Swinging Patio Door Handle



Contemporary Swinging Patio Door Handle

		
White	Brushed Chrome*	Polished Chrome*
		
Satin Nickel*	Antique Nickel*	Brass*
		
Antique Brass	Faux Bronze	Oil Rubbed Bronze
		
Black		



Euro Swinging Patio Door Handle

	
Satin Nickel*	Black




Contemporary Sliding Patio Door Handle



Euro Sliding Patio Door Handle

*Not available in Antique Nickel*

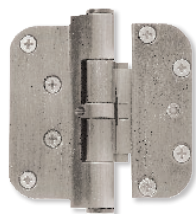
		
White	Brushed Chrome*	Polished Chrome*
		
Satin Nickel*	Antique Nickel	Brass*
		
Antique Brass	Faux Bronze*	Oil Rubbed Bronze
		
Black		



Flush mount Multi-slide and Sliding Patio Door Handle

		
Satin Nickel*	Faux Bronze*	Oil Rubbed Bronze
		
Black		

**PATIO DOOR HINGES** Pinnacle Patio Doors



Adjustable Guide Hinge

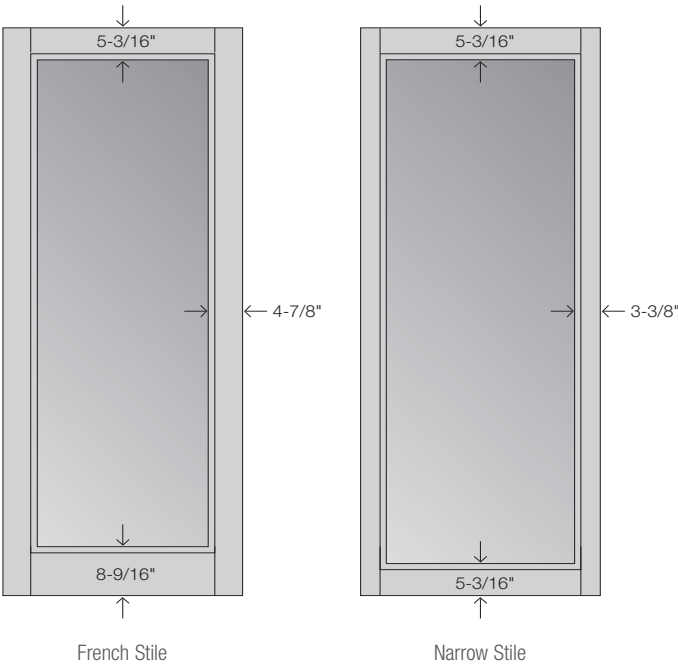


Adjustable Set Hinge



Ball Bearing Hinge

**PATIO DOOR STILES** Pinnacle Patio Doors



**PINNACLE SELECT PATIO DOOR OPTIONS**

**INTERIOR WOOD SPECIES**

Pinnacle Select Patio Doors

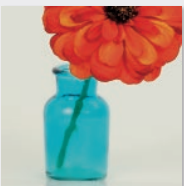


Clear Select Pine

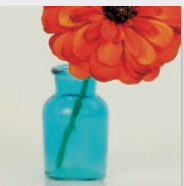


Douglas Fir

**GLASS** Pinnacle Select Patio Doors



LoE 366 (Standard)



Dual Low-E



LoE 270

**GRILLE PROFILES** Pinnacle Select Patio Doors

**Interior Grilles – Putty**



5/8"



7/8"

**Exterior Grilles – Putty**



5/8" (Short)



7/8" (Short)

**Interior Grilles – Contemporary**



5/8"



7/8"

**Exterior Grilles – Contemporary**



5/8" (Short)



7/8" (Short)



PINNACLE SELECT PATIO DOOR OPTIONS

PATIO DOOR HANDLES AND FINISHES Pinnacle Select Patio Doors



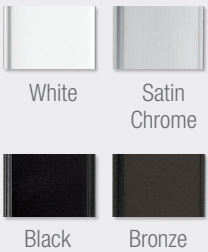
Aria  
Handle



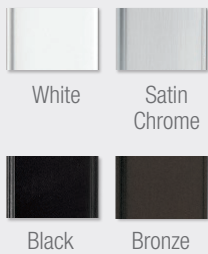
Acacia  
Handle



Summit  
Handle



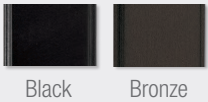
Multi-Slide  
Handle



Wood Interior Bi-fold  
Twin Bolt Handle  
(Black or Bronze)



Aluminum Interior  
Bi-fold Twin Bolt Handle  
(Black or Bronze)



# Pinnacle Select Windows

## Casement, Awning & Picture

ROUGH FRAME GLASS	1-6 3/4	1-8 3/4	2-0 3/4	2-4 3/4	2-6 3/4	2-8 3/4	3-0 3/4	3-6 3/4	4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
	1-6	1-8	2-0	2-4	2-6	2-8	3-0	3-6	4-0	4-6	5-0	6-0
	12 3/4	14 3/4	18 3/4	22 3/4	24 3/4	26 3/4	30 3/4	36 3/4	42 3/4	48 3/4	54 3/4	66 3/4
1-6 1/2												
1-8 1/2												
2-0 1/2	1824	2024	2424	2824	3024	3224	3624	4224	4824	5424	6024	
2-6 1/2	1830	2030	2430	2830	3030	3230	3630	4230	4830	5430	6030	
3-0 1/2	1836	2036	2436	2836	3036	3236	3636	4236	4836	5436	6036	7236
3-6 1/2	1842	2042	2442	2842	3042*	3242	3642	4242	4842	5442	6042	7242
4-0 1/2	1848	2048	2448	2848*	3048	3248	3648	4248	4848	5444	6048	7248
4-6 1/2	1854	2054	2454	2854*	3054	3254	3654	4254	4854	5454	6054	7254
5-0 1/2	1860	2060	2460	2860*	3060	3260	3660	4260	4860	5460	6060	7260
5-6 1/2	1866	2066	2466	2866*	3066	3266	3666	4266	4866	5466	6066	7266
6-0 1/2	1872	2072	2472	2872*	3072	3272	3672	4272	4872	5472	6072	7272
6-6 1/2	1878	2078	2478	2878*	3078	3278	3678	4278	4878	5478	6078	7278
7-0 1/2	1884**	2084**	2484**	2884***	3084**	3284	3684	4284	4884	5484	6084	7284
7-6 1/2	1890**	2090**	2490**	2890***	3090**	3290	3690	4290	4890	5490	6090	7290
8-0 1/2	1896**	2096**	2496**	2896***	3096**	3296	3696	4296	4896	5496	6096	7296

— Operating Casement Sizes  
 - - - - - Operating Awning Sizes

\* Requires egress hardware to meet egress requirements

\*\* Crank-out only

\*\*\* (Both of the above)

Triple IG option only available up to 3678 on operating and push-out, 7278 on picture and 4836 on awning units.

Shaded units meet most egress requirements of 5.70 sq. ft. (Casement only). Verify state and local requirements with your local building inspector.

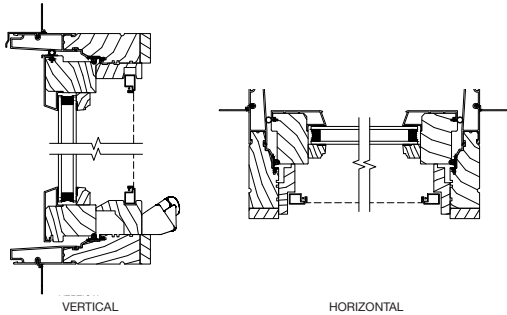
**All sizes and specifications subject to change without notice.**



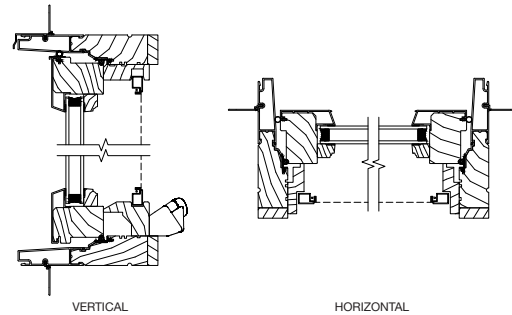
# Pinnacle Select Windows Casement/Awning

## Technical Drawings

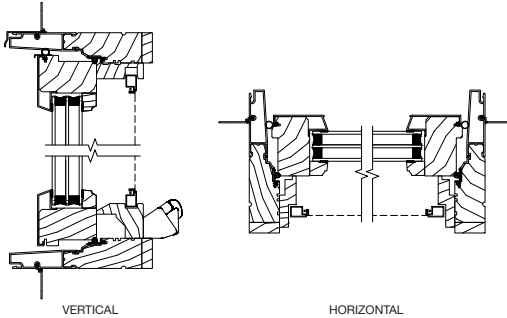
**Casement Operating with Standard Screen**



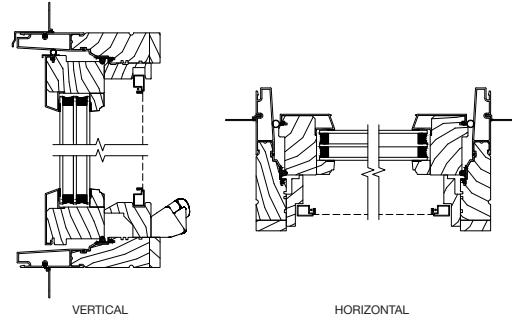
**Awning Operating with Standard Screen**



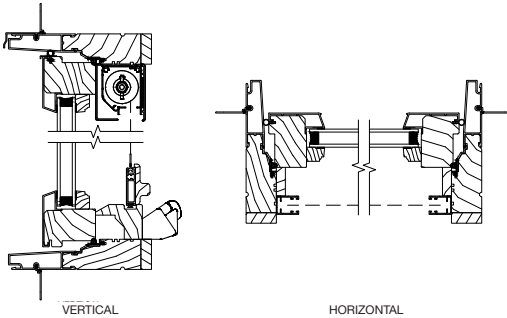
**Triple IG Casement Operating with Standard Screen**



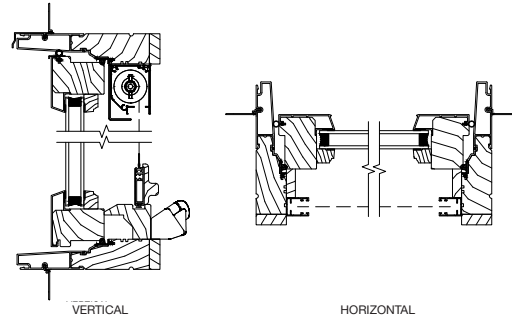
**Triple IG Awning Operating with Standard Screen**



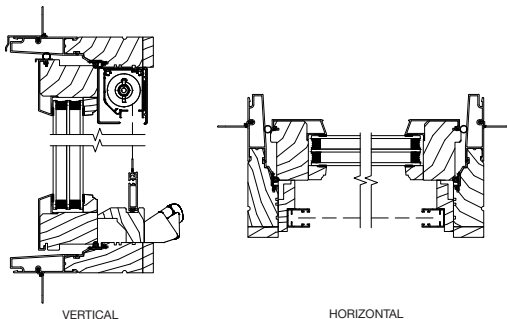
**Casement Operating with Retractable Screen**



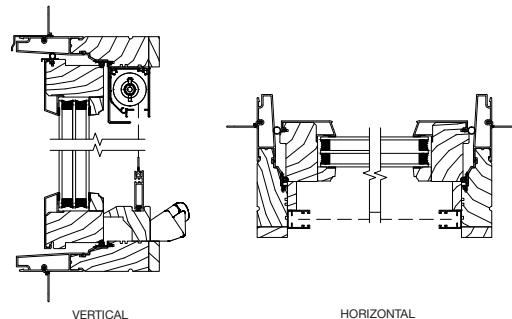
**Awning Operating with Retractable Screen**



**Triple IG Casement Operating with Retractable Screen**



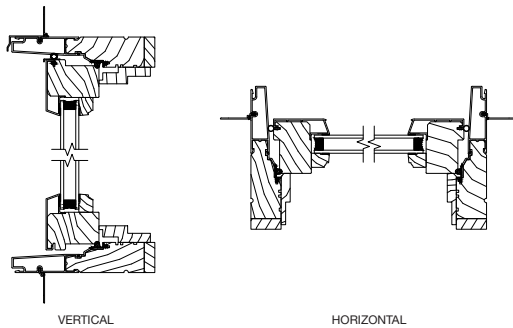
**Triple IG Awning Operating with Retractable Screen**



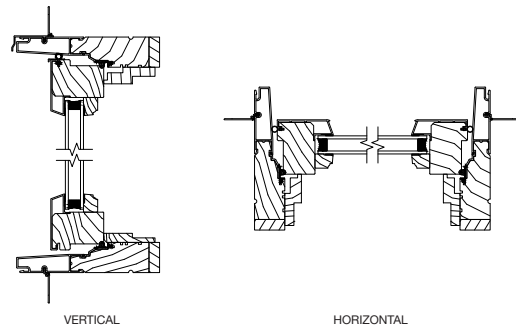
# Pinnacle Select Windows Casement/Awning

## Technical Drawings (cont.)

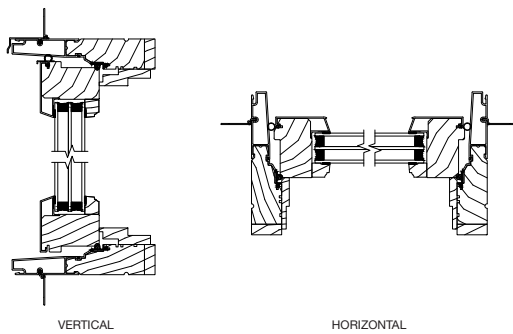
**Casement Push-out with No Screen**



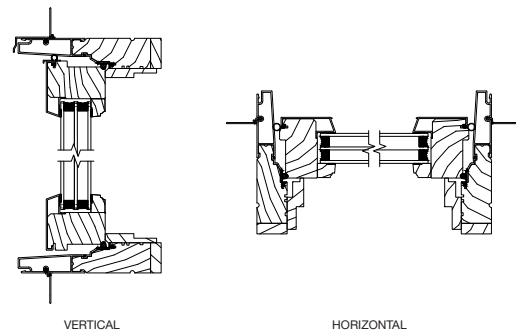
**Awning Push-out with No Screen**



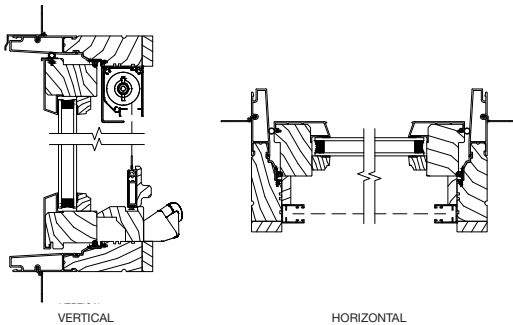
**Triple IG Casement Push-out with No Screen**



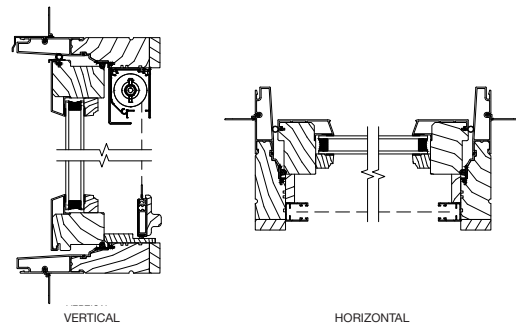
**Triple IG Awning Push-out with No Screen**



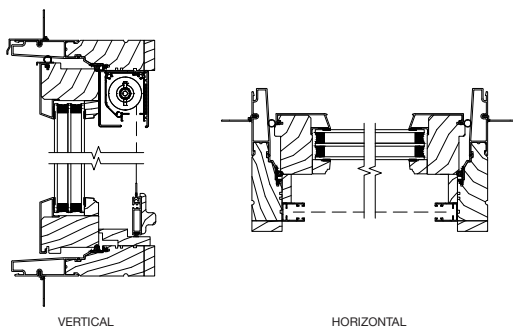
**Casement Push-out with Retractable Screen**



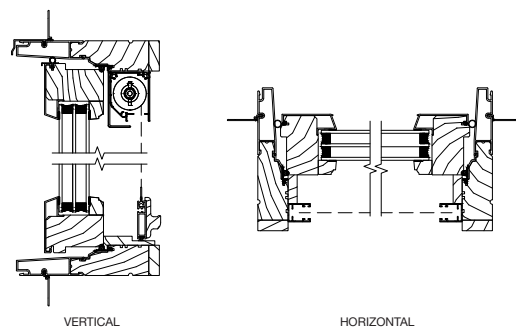
**Awning Push-out with Retractable Screen**



**Triple IG Casement Push-out with Retractable Screen**



**Triple IG Awning Push-out with Retractable Screen**
















































All sizes and specifications subject to change without notice.



# Pinnacle Select Windows

## French Casement

	ROUGH FRAME GLASS	3-0 3/4	3-4 3/4	4-0 3/4	4-8 3/4	5-0 3/4
		3-0 13 15/32	3-4 15 15/32	4-0 19 15/32	4-8 23 15/32	5-0 25 15/32
2-0 1/2 2-0 18 3/4		 3624	 4024	 4824	 5624	 6024
2-6 1/2 2-6 24 3/4		 3630	 4030	 4830	 5630	 6030
3-0 1/2 3-0 30 3/4		 3636	 4036	 4836	 5636	 6036
3-6 1/2 3-6 36 3/4		 3642	 4042	 4842	 5642	 6042
4-0 1/2 4-0 42 3/4		 3648	 4048	 4848	 5648	 6048
4-6 1/2 4-6 48 3/4		 3654	 4054	 4854	 5654	 6054
5-0 1/2 5-0 54 3/4		 3660	 4060	 4860	 5660	 6060
5-6 1/2 5-6 60 3/4		 3666	 4066	 4866	 5666	 6066
6-0 1/2 6-0 66 3/4		 3672	 4072	 4872	 5672	 6072

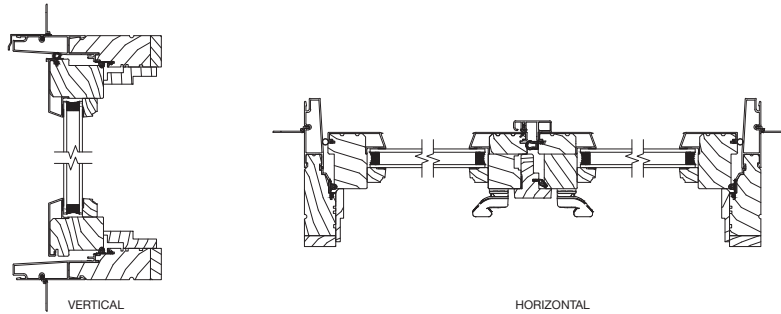
Shaded units meet most egress requirements of 5.70 sq. ft. Verify state and local requirements with your local building inspector.

**All sizes and specifications subject to change without notice.**

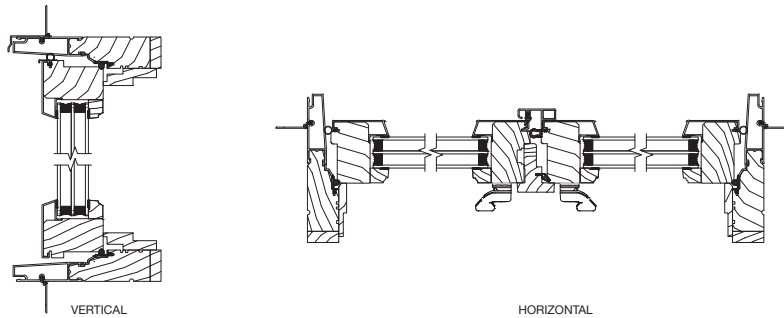
# Pinnacle Select French Casement Windows

## Technical Drawings

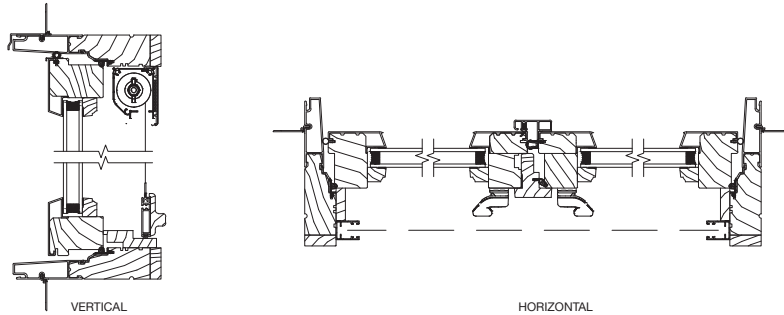
**Pinnacle Select French Casement Push-out with No Screen**



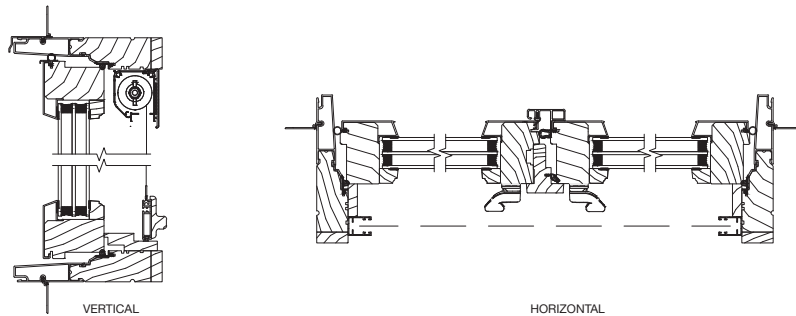
**Pinnacle Select French Casement Triple IG Push-out with No Screen**



**Pinnacle Select French Casement Push-out with Roll Screen**



**Pinnacle Select French Casement Triple IG Push-out with Roll Screen**



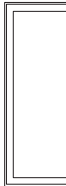
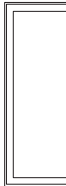


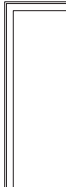
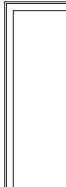


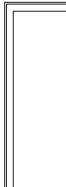
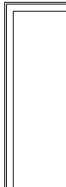


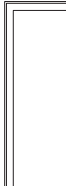
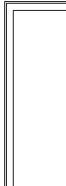


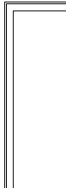
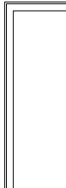


All sizes and specifications subject to change without notice.



# Pinnacle Select Patio Doors

## In-swing and Out-swing

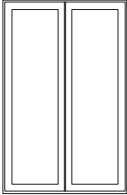

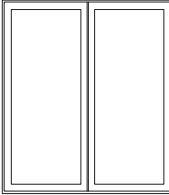
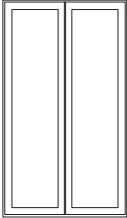
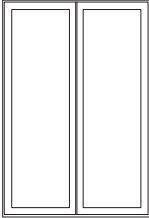
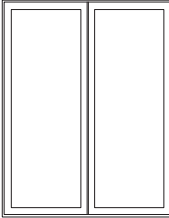
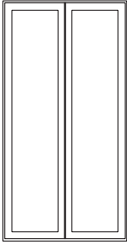

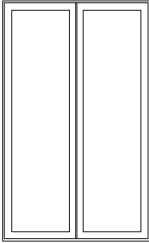
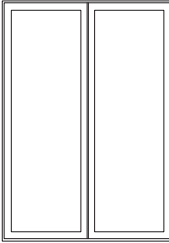
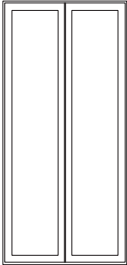

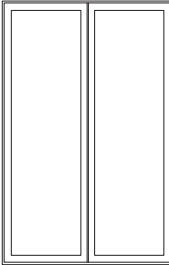
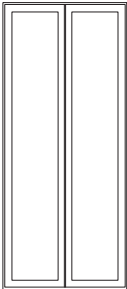

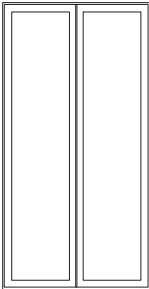
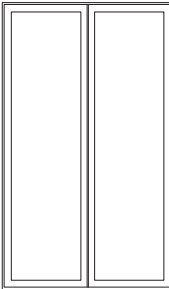
ROUGH FRAME GLASS	2-10	3-0	3-4	3-10
	2-9	2-11	3-3	3-9
	24 5/8	26 5/8	30 5/8	36 5/8
8-4 3/16 8-3 3/16 90 5/8				
	2680	2880	3080	3680
9-4 3/16 9-3 3/16 102 5/8				
	2690	2890	3090	3690
10-4 3/16 10-3 3/16 114 5/8				
	26100	28100	30100	36100
11-4 3/16 11-3 3/16 126 5/8				
	26110	28110	30110	36110
12-4 3/16 12-3 3/16 138 5/8				
	26120	28120	30120	36120

Door handing is determined while standing on the outside of the door. Left hand door; the hinges are on the left.  
Right hand door; the hinges are on the right.

All sizes and specifications subject to change without notice.

# Pinnacle Select Patio Doors

## In-swing and Out-swing

ROUGH FRAME GLASS	8-4 3/16 8-3 3/16 90 5/8	5-4 9/16 5-3 9/16 24 5/8	5-8 9/16 5-7 9/16 26 5/8	6-4 9/16 6-3 9/16 30 5/8	7-4 9/16 7-3 9/16 36 5/8
					
	5080	5480	6080	7080	
	9-4 3/16 9-3 3/16 102 5/8				
	5090	5490	6090	7090	
10-4 3/16 10-3 3/16 114 5/8					
	50100	54100	60100	70100	
	11-4 3/16 11-3 3/16 126 5/8				
	50110	54110	60110	70110	
	12-4 3/16 12-3 3/16 138 5/8				
	50120	54120	60120	70120	

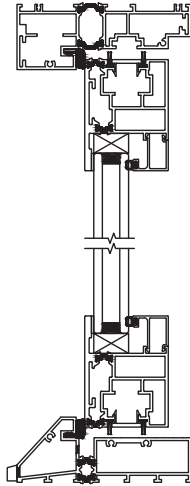
Door handing is determined while standing on the outside of the door. Left hand door; the hinges are on the left.  
Right hand door; the hinges are on the right.

**All sizes and specifications subject to change without notice.**

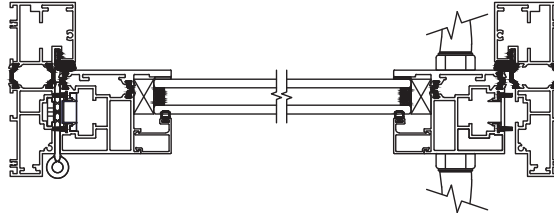


# Pinnacle Select In-swing Patio Doors

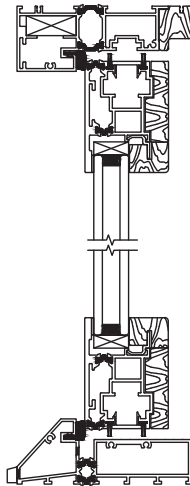
## Technical Drawings



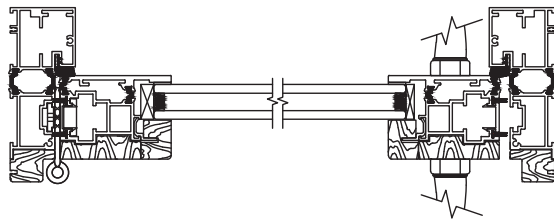
VERTICAL



HORIZONTAL



VERTICAL

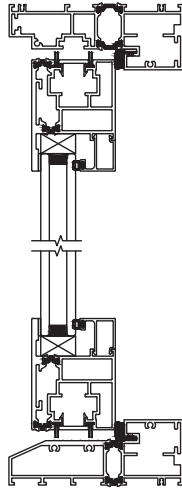


HORIZONTAL

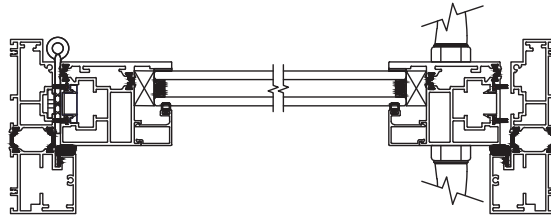
All sizes and specifications subject to change without notice.

# Pinnacle Select Out-swing Patio Doors

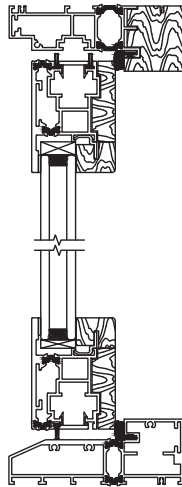
## Technical Drawings



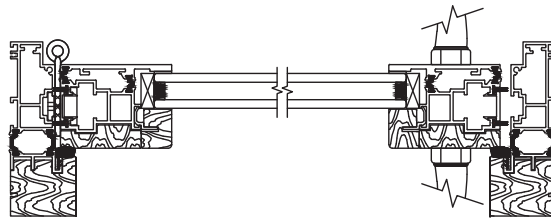
VERTICAL



HORIZONTAL



VERTICAL



HORIZONTAL

All sizes and specifications subject to change without notice.

# Pinnacle Windows

## Casement, Awning & Picture

### Pinnacle and Pinnacle Clad 3-1/4" Frame

ROUGH FRAME GLASS	1-6 3/4	1-8 3/4	2-0 3/4	2-4 3/4	2-6 3/4	2-8 3/4	3-0 3/4	3-6 3/4	4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
	1-6 14	1-8 16	2-0 20	2-4 24	2-6 26	2-8 28	3-0 32	3-6 38	4-0 44	4-6 50	5-0 56	6-0 68
1-6 1/2												
1-8 1/2												
2-0 1/2												
2-6 1/2												
3-0 1/2												
3-6 1/2												
4-0 1/2												
4-6 1/2												
5-0 1/2												
5-6 1/2												
6-0 1/2												
6-6 1/2												
7-0 1/2												

2014	2414	2614	2814	3214	3814	4414	5014	5614			
2016	2416	2616	2816	3216	3816	4416	5016	5616			
1420	1620	2020	2420	2620	2820	3220	3820	4420	5020	5620	
1426	1626	2026	2426	2626	2826	3226	3826	4426	5026	5626	
1432	1632	2032	2432	2632	2832	3232	3832	4432	5032	5632	6832
1438	1638	2038	2438	2638*	2838	3238	3838	4438	5038	5638	6838
1444	1644	2044	2444*	2644	2844	3244	3844	4444	5044	5644	6844
1450	1650	2050	2450*	2650	2850	3250	3850	4450	5050	5650	6850
1456	1656	2056	2456*	2656	2856	3256	3856	4456	5056	5656	6856
1462	1662	2062	2462*	2662	2862	3262	3862	4462	5062	5662	6862
1468	1668	2068	2468*	2668	2868	3268	3868	4468	5068	5668	6868
1474	1674	2074	2474*	2674	2874	3274	3874	4474	5074	5674	6874
1480	1680	2080	2480*	2680	2880	3280	3880	4480	5080	5680	6880




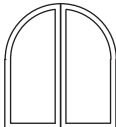
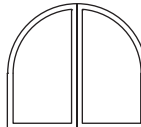
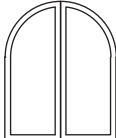
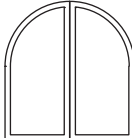
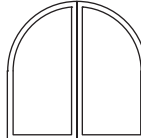
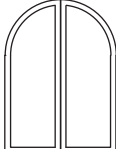
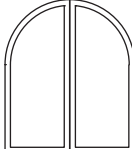
— Operating Casement Sizes    - - - - - Operating Awning Sizes    \*Requires egress hardware to meet egress requirements  
 Shaded units meet most egress requirements of 5.70 sq. ft. (Casement only). Verify state and local requirements with your local building inspector.

**All sizes and specifications subject to change without notice.**



# Pinnacle Windows

## Casement In-sash Radius Round Top

ROUGH FRAME GLASS 4-1 1/4 2-0/4-0 44	4-0 3/4 4-0 20  2020/44-2	ROUGH FRAME GLASS 4-1 1/4 1-8/4-0 43	4-8 3/4 4-8 24  2416/44-2	ROUGH FRAME GLASS 4-1 1/4 1-6/4-0 43	5-0 3/4 5-0 26  2614/44-2
4-7 1/4 2-6/4-6 50	 2026/50-2	4-7 1/4 2-2/4-6 49	 2422/50-2	4-7 1/4 2-0/4-6 49	 2620/50-2
5-1 1/4 3-0/5-0 56	 2032/56-2	5-1 1/4 2-8/5-0 55	 2428/56-2	5-1 1/4 2-6/5-0 55	 2626/56-2
5-7 1/4 3-6/5-6 62	 2038/62-2	5-7 1/4 3-2/5-6 61	 2434/62-2	5-7 1/4 3-0/5-6 61	 2632/62-2

Shaded units meet most egress requirements of 5.70 sq. ft. Verify state and local requirements with your local building inspector.





























































Round top frame heights are shown as two numbers. The first number is the vertical leg height and the second number is the overall frame height.

**All sizes and specifications subject to change without notice.**

# Pinnacle Windows

## Casement In-sash Radius Segment Top

### Single Radius

ROUGH FRAME GLASS	1-8 3/4	2-0 3/4	2-4 3/4	2-6 3/4	2-8 3/4	3-0 3/4
	1-8 16	2-0 20	2-4 24	2-6 26	2-8 28	3-0 32
1-6 1/2 1-0/1-6 14	 1608/14	 2008/14	 2408/14	 2608/14	 2808/14	 3208/14
2-0 1/2 1-6/2-0 20	 1614/20	 2014/20	 2414/20	 2614/20	 2814/20	 3214/20
2-6 1/2 2-0/2-6 26	 1620/26	 2020/26	 2420/26	 2620/26	 2820/26	 3220/26
3-0 1/2 2-6/3-0 32	 1626/32	 2026/32	 2426/32	 2626/32	 2826/32	 3226/32
3-6 1/2 3-0/3-6 38	 1632/38	 2032/38	 2432/38	 2632/38	 2832/38	 3232/38
4-0 1/2 3-6/4-0 44	 1638/44	 2038/44	 2438/44	 2638/44	 2838/44	 3238/44
4-6 1/2 4-0/4-6 50	 1644/50	 2044/50	 2444/50	 2644/50	 2844/50	 3244/50
5-0 1/2 4-6/5-0 56	 1650/56	 2050/56	 2450/56	 2650/56	 2850/56	 3250/56
5-6 1/2 5-0/5-6 62	 1656/62	 2056/62	 2456/62	 2656/62	 2856/62	 3256/62
6-0 1/2 5-6/6-0 68	 1662/68	 2062/68	 2462/68	 2662/68	 2862/68	 3262/68

----- Operating Sizes





























































Shaded units meet most egress requirements of 5.70 sq. ft. Verify state and local requirements with your local building inspector.

Springline from vertical leg to top of radius is 6" on all segment top casement windows. For example, 3-6/4-0 means a vertical leg height of 3-6 and an overall height of 4-0. **All sizes and specifications subject to change without notice.**

# Pinnacle Windows

## Casement In-sash Radius Segment Top

### Two-wide Radius

ROUGH FRAME GLASS	3-4 3/4	4-0 3/4	4-8 3/4	5-0 3/4	5-4 3/4	6-0 3/4
	3-4 16	4-0 20	4-8 24	5-0 26	5-4 28	6-0 32
1-6 1/2 1-0/1-6 14	 1608/14-2	 2008/14-2	 2408/14-2	 2608/14-2	 2808/14-2	 3208/14-2
2-0 1/2 1-6/2-0 20	 1614/20-2	 2014/20-2	 2414/20-2	 2614/20-2	 2814/20-2	 3214/20-2
2-6 1/2 2-0/2-6 26	 1620/26-2	 2020/26-2	 2420/26-2	 2620/26-2	 2820/26-2	 3220/26-2
3-0 1/2 2-6/3-0 32	 1626/32-2	 2026/32-2	 2426/32-2	 2626/32-2	 2826/32-2	 3226/32-2
3-6 1/2 3-0/3-6 38	 1632/38-2	 2032/38-2	 2432/38-2	 2632/38-2	 2832/38-2	 3232/38-2
4-0 1/2 3-6/4-0 44	 1638/44-2	 2038/44-2	 2438/44-2	 2638/44-2	 2838/44-2	 3238/44-2
4-6 1/2 4-0/4-6 50	 1644/50-2	 2044/50-2	 2444/50-2	 2644/50-2	 2844/50-2	 3244/50-2
5-0 1/2 4-6/5-0 56	 1650/56-2	 2050/56-2	 2450/56-2	 2650/56-2	 2850/56-2	 3250/56-2
5-6 1/2 5-0/5-6 62	 1656/62-2	 2056/62-2	 2456/62-2	 2656/62-2	 2856/62-2	 3256/62-2
6-0 1/2 5-6/6-0 68	 1662/68-2	 2062/68-2	 2462/68-2	 2662/68-2	 2862/68-2	 3262/68-2

----- Operating Sizes

Shaded units meet most egress requirements of 5.70 sq. ft. Verify state and local requirements with your local building inspector.






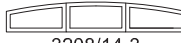


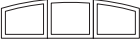



















































Springline from vertical leg to top of radius is 6" on all segment top casement windows. For example, 3-6/4-0 means a vertical leg height of 3-6 and an overall height of 4-0. **All sizes and specifications subject to change without notice.**



# Pinnacle Windows

## Casement In-sash Radius Segment Top

### Three-wide Radius

ROUGH FRAME GLASS	5'-0 3/4" 5'-0" 16	6'-0 3/4" 6'-0" 20	7'-0 3/4" 7'-0" 24	7'-6 3/4" 7'-6" 26	8'-0 3/4" 8'-0" 28	9'-0 3/4" 9'-0" 32
	14	20	24	26	28	32
1'-6 1/2" 1'-0 1/2" 14	 1608/14-3	 2008/14-3	 2408/14-3	 2608/14-3	 2808/14-3	 3208/14-3
2'-0 1/2" 1'-6 2/0" 20	 1614/20-3	 2014/20-3	 2414/20-3	 2614/20-3	 2814/20-3	 3214/20-3
2'-6 1/2" 2'-0 2/6" 26	 1620/26-3	 2020/26-3	 2420/26-3	 2620/26-3	 2820/26-3	 3220/26-3
3'-0 1/2" 2'-6 3/0" 32	 1626/32-3	 2026/32-3	 2426/32-3	 2626/32-3	 2826/32-3	 3226/32-3
3'-6 1/2" 3'-0 3/6" 38	 1632/38-3	 2032/38-3	 2432/38-3	 2632/38-3	 2832/38-3	 3232/38-3
4'-0 1/2" 3'-6 4/0" 44	 1638/44-3	 2038/44-3	 2438/44-3	 2638/44-3	 2838/44-3	 3238/44-3
4'-6 1/2" 4'-0 4/6" 50	 1644/50-3	 2044/50-3	 2444/50-3	 2644/50-3	 2844/50-3	 3244/50-3
5'-0 1/2" 4'-6 5/0" 56	 1650/56-3	 2050/56-3	 2450/56-3	 2650/56-3	 2850/56-3	 3250/56-3
5'-6 1/2" 5'-0 5/6" 62	 1656/62-3	 2056/62-3	 2456/62-3	 2656/62-3	 2856/62-3	 3256/62-3
6'-0 1/2" 5'-6 6/0" 68	 1662/68-3	 2062/68-3	 2462/68-3	 2662/68-3	 2862/68-3	 3262/68-3

----- Operating Sizes

















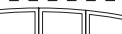







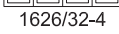
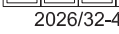
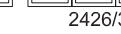

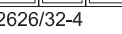













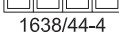
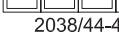
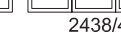

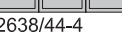





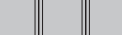

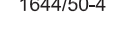
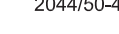
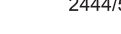

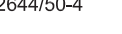

Shaded units meet most egress requirements of 5.70 sq. ft. Verify state and local requirements with your local building inspector.

Springline from vertical leg to top of radius is 6" on all segment top casement windows. For example, 3-6/4-0 means a vertical leg height of 3-6 and an overall height of 4-0. **All sizes and specifications subject to change without notice.**

# Pinnacle Windows

## Casement In-sash Radius Segment Top

### Four-wide Radius

ROUGH FRAME GLASS	6-8 3/4	8-0 3/4	9-4 3/4	10-0 3/4	10-8 3/4	12-0 3/4
	6-8	8-0	9-4	10-0	10-8	12-0
	16	20	24	26	28	32
1-6 1/2 1-0 1/6 14	 1608/14-4	 2008/14-4	 2408/14-4	 2608/14-4	 2808/14-4	 3208/14-4
2-0 1/2 1-6 2/0 20	 1614/20-4	 2014/20-4	 2414/20-4	 2614/20-4	 2814/20-4	 3214/20-4
2-6 1/2 2-0 2/6 26	 1620/26-4	 2020/26-4	 2420/26-4	 2620/26-4	 2820/26-4	 3220/26-4
3-0 1/2 2-6 3/0 32	 1626/32-4	 2026/32-4	 2426/32-4	 2626/32-4	 2826/32-4	 3226/32-4
3-6 1/2 3-0 3/6 38	 1632/38-4	 2032/38-4	 2432/38-4	 2632/38-4	 2832/38-4	 3232/38-4
4-0 1/2 3-6 4/0 44	 1638/44-4	 2038/44-4	 2438/44-4	 2638/44-4	 2838/44-4	 3238/44-4
4-6 1/2 4-0 4/6 50	 1644/50-4	 2044/50-4	 2444/50-4	 2644/50-4	 2844/50-4	 3244/50-4
5-0 1/2 4-6 5/0 56	 1650/56-4	 2050/56-4	 2450/56-4	 2650/56-4	 2850/56-4	 3250/56-4
5-6 1/2 5-0 5/6 62	 1656/62-4	 2056/62-4	 2456/62-4	 2656/62-4	 2856/62-4	 3256/62-4
6-0 1/2 5-6 6/0 68	 1662/68-4	 2062/68-4	 2462/68-4	 2662/68-4	 2862/68-4	 3262/68-4

----- Operating Sizes
















































Shaded units meet most egress requirements of 5.70 sq. ft. Verify state and local requirements with your local building inspector.

Springline from vertical leg to top of radius is 6" on all segment top casement windows. For example, 3-6/4-0 means a vertical leg height of 3-6 and an overall height of 4-0. **All sizes and specifications subject to change without notice.**

# Pinnacle Windows

## Casement Transom

### Pinnacle and Pinnacle Clad 3-1/4" Frame

	MAS. ORG. PRIMED MAS. OPG. CLAD ROUGH PRIMED ROUGH CLAD FRAME GLASS	1-9 9/16 1-6 3/4 1-6 3/4 1-6 3/4 1-6 14	1-11 9/16 1-8 3/4 1-8 3/4 1-8 3/4 1-8 16	2-3 9/16 2-0 3/4 2-0 3/4 2-0 3/4 2-0 20	2-7 9/16 2-4 3/4 2-4 3/4 2-4 3/4 2-4 24	2-9 9/16 2-6 3/4 2-6 3/4 2-6 3/4 2-6 26	2-11 9/16 2-8 3/4 2-8 3/4 2-8 3/4 2-8 28	3-3 9/16 3-0 3/4 3-0 3/4 3-0 3/4 3-0 32
1-2 15/16 1-0 1/2 1-1 1/4 1-0 1/2 1-0 8		 1408	 1608	 2008	 2408	 2608	 2808	 3208
1-4 15/16 1-2 1/2 1-3 1/4 1-2 1/2 1-2 10		 1410	 1610	 2010	 2410	 2610	 2810	 3210
1-6 15/16 1-4 1/2 1-5 1/4 1-4 1/2 1-4 12		 1412	 1612	 2012	 2412	 2612	 2812	 3212
1-8 15/16 1-6 1/2 1-7 1/4 1-6 1/2 1-6 14		 1414	 1614	 2014	 2414	 2614	 2814	 3214
1-10 15/16 1-8 1/2 1-9 1/4 1-8 1/2 1-8 16		 1416	 1616	 2016	 2416	 2616	 2816	 3216
2-2 15/16 2-0 1/2 2-1 1/4 2-0 1/2 2-0 20				 2020	 2420	 2620	 2820	 3220
2-6 15/16 2-4 1/2 2-5 1/4 2-4 1/2 2-4 24					 2424	 2624	 2824	 3224
2-8 15/16 2-6 1/2 2-7 1/4 2-6 1/2 2-6 26						 2626	 2826	 3226



## Casement Transom, cont.

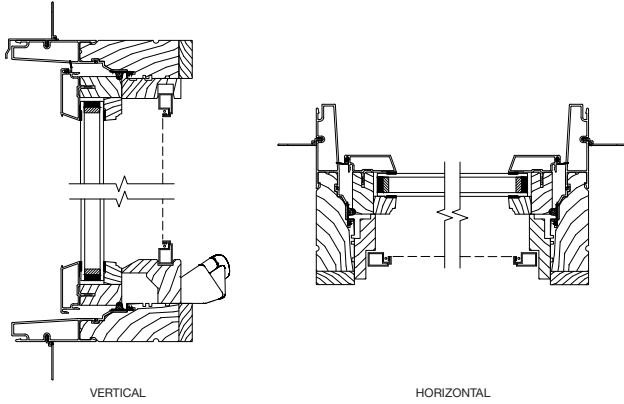
MAS. OPG. PRIMED  
MAS. OPG. CLAD  
ROUGH PRIMED  
ROUGH CLAD  
FRAME  
GLASS

3-9 9/16	4-3 9/16	4-9 9/16	5-3 9/16	6-3 9/16
3-6 3/4	4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
3-6 3/4	4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
3-6 3/4	4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
3-6	4-0	4-6	5-0	6-0
38	44	50	56	68

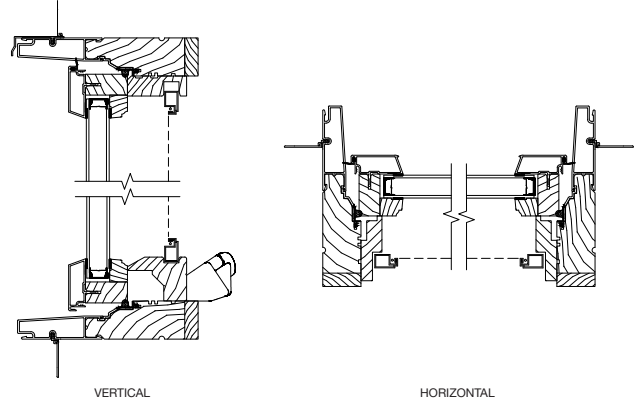
# Pinnacle Clad Casement & Awning Windows

## Technical Drawings

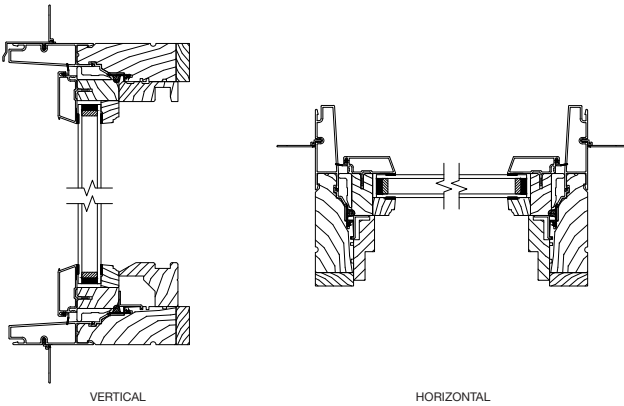
**Pinnacle Clad Casement – Operating**



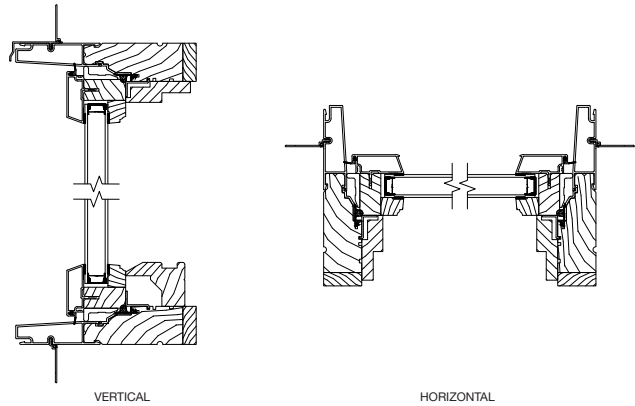
**Pinnacle Clad Awning – Operating**



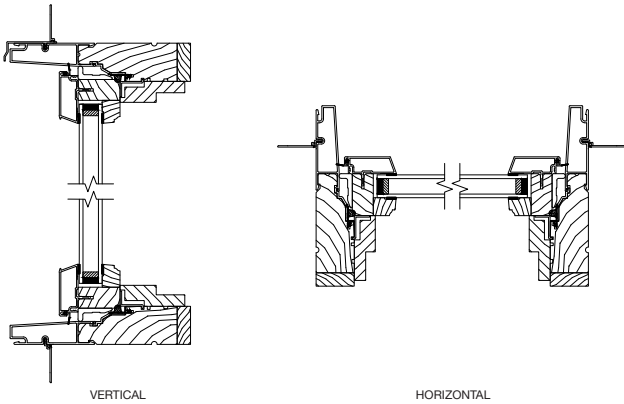
**Pinnacle Clad Casement – Stationary**



**Pinnacle Clad Awning – Stationary**



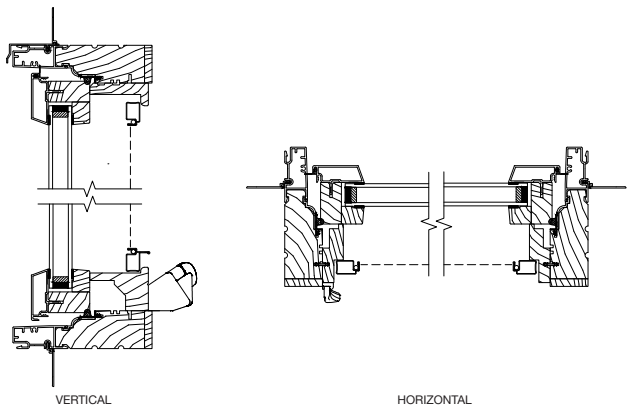
**Pinnacle Clad Casement – Transom and Picture**



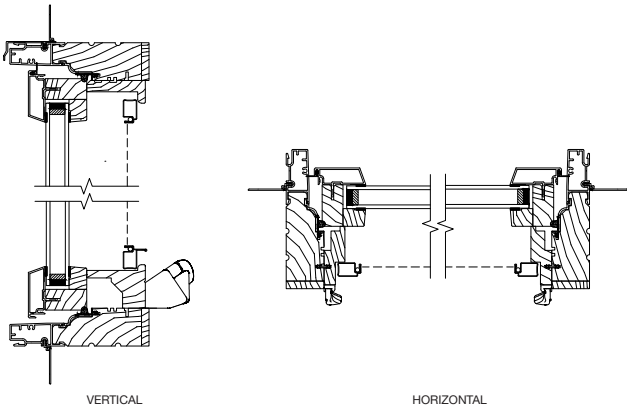
# Pinnacle Clad Casement & Awning with 3-1/4" Frame Windows

## Technical Drawings

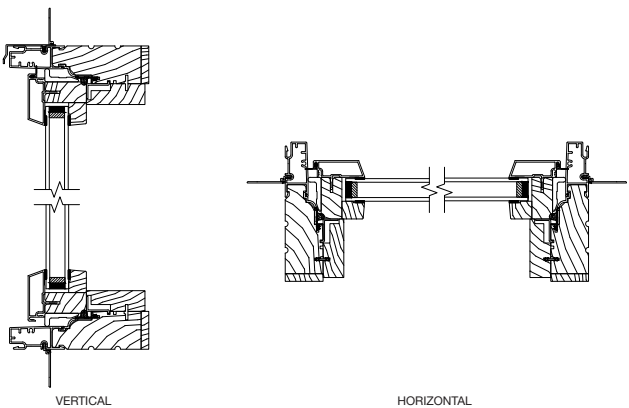
**Pinnacle Clad Casement with 3-1/4" Frame – Operating**



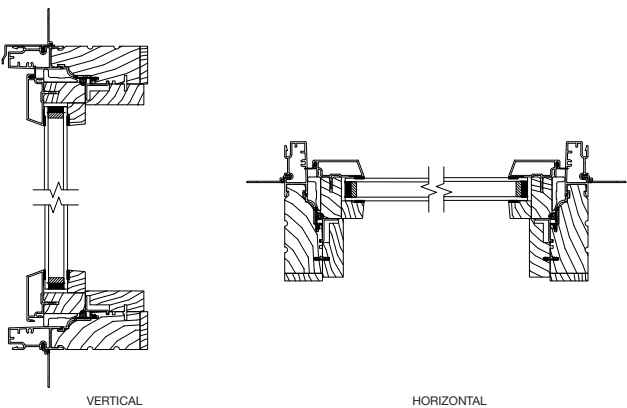
**Pinnacle Clad Awning with 3-1/4" Frame – Operating**



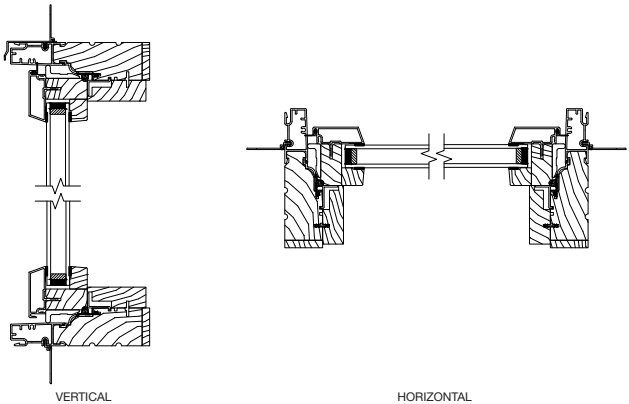
**Pinnacle Clad Casement with 3-1/4" Frame – Stationary**



**Pinnacle Clad Awning with 3-1/4" Frame – Stationary**



**Pinnacle Clad Casement with 3-1/4" Frame – Transom and Picture**

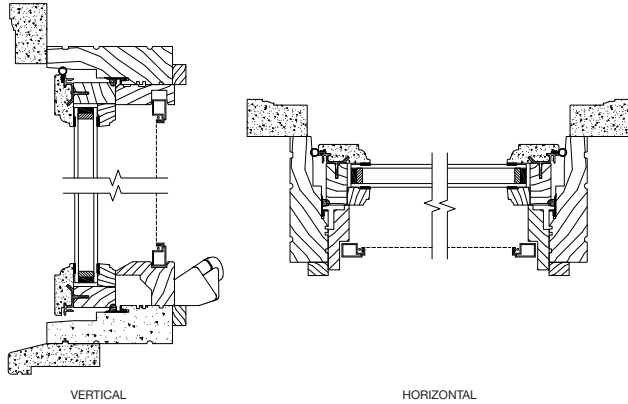




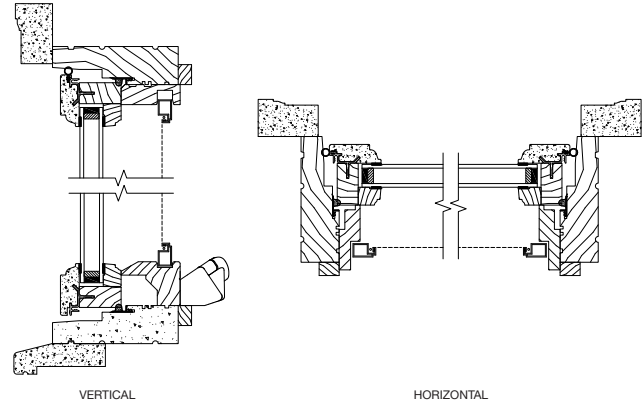
# Pinnacle Primed Casement & Awning Windows

## Technical Drawings

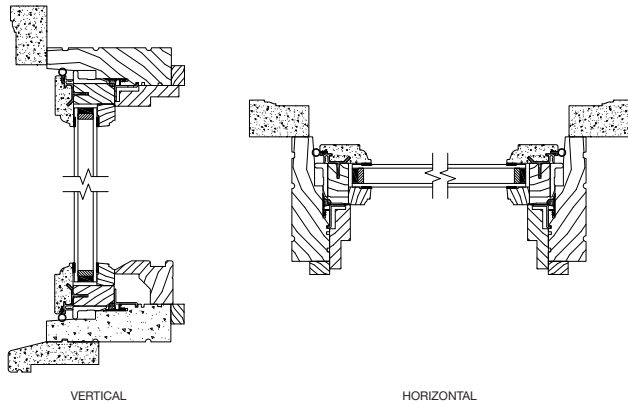
**Pinnacle Primed Casement – Operating**



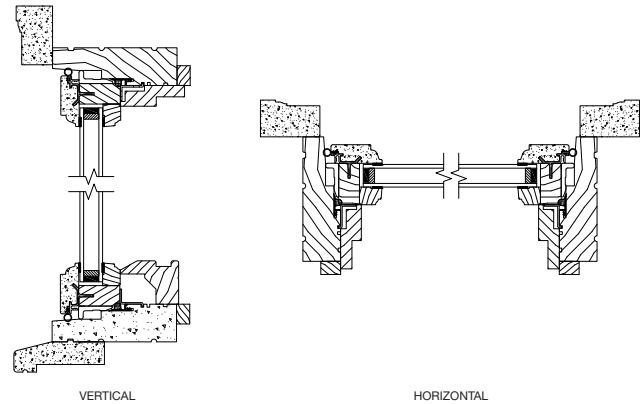
**Pinnacle Primed Awning – Operating**



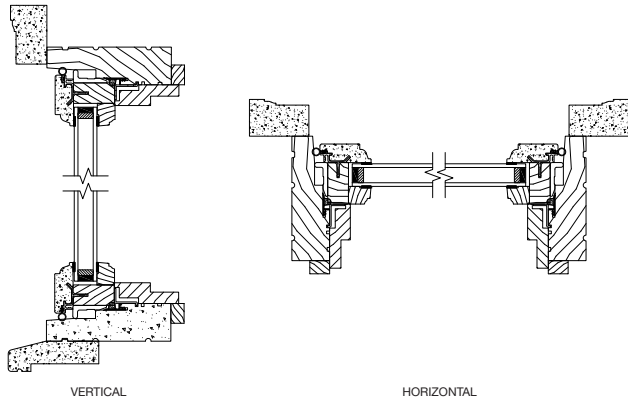
**Pinnacle Primed Casement – Stationary**



**Pinnacle Primed Awning – Stationary**



**Pinnacle Primed Casement – Transom and Picture**



# Pinnacle Windows

## Double Hung

ROUGH FRAME GLASS	1-10 1/8 1-9 3/8 16	2-2 1/8 2-1 3/8 20	2-6 1/8 2-5 3/8 24	2-8 1/8 2-7 3/8 26	2-10 1/8 2-9 3/8 28	3-0 1/8 2-11 3/8 30	3-2 1/8 3-1 3/8 32	3-6 1/8 3-5 3/8 36	3-10 1/8 3-9 3/8 40	4-0 1/8 3-11 3/8 42
3-1 1/4 3-0 3/4 14-14	1614	2014	2414	2614	2814	3014	3214	3614	4014	4214
3-5 1/4 3-4 3/4 16-16	1616	2016	2416	2616	2816	3016	3216	3616	4016	4216
4-1 1/4 4-0 3/4 20-20	1620	2020	2420	2620	2820	3020	3220	3620	4020	4220
4-5 1/4 4-4 3/4 22-22	1622	2022	2422	2622	2822	3022	3222	3622	4022	4222
4-9 1/4 4-8 3/4 24-24	1624	2024	2424	2624	2824	3024	3224	3624	4024	4224
5-1 1/4 5-0 3/4 26-26	1626	2026	2426	2626	2826	3026	3226	3626	4026	4226
5-5 1/4 5-4 3/4 28-28	1628	2028	2428	2628	2828	3028	3228	3628	4028	4228
5-9 1/4 5-8 3/4 30-30	1630	2030	2430	2630	2830	3030	3230	3630	4030	4230
6-1 1/4 6-0 3/4 32-32	1632	2032	2432	2632	2832	3032	3232	3632	4032	4232
6-5 1/4 6-4 3/4 34-34	1634	2034	2434	2634	2834	3034	3234	3634	4034	4234
6-9 1/4 6-8 3/4 36-36	1636	2036	2436	2636	2836	3036	3236	3636	4036	4236
7-1 1/4 7-0 3/4 38-38	1638	2038	2438	2638	2838	3038	3238	3638	4038*	4238*
7-5 1/4 7-4 3/4 40-40	1640	2040	2440	2640	2840	3040	3240	3640	4040*	4240*
7-9 1/4 7-8 3/4 42-42	1642	2042	2442	2642	2842	3042	3242	3642	4042*	4242*
8-1 1/4 8-0 3/4 44-44	1644	2044	2444	2644	2844	3044	3244	3644	4044*	4244*

----- Clad and Concealed Jambliner only \*Clad only






































































































































Shaded units meet most egress requirements of 5.70 sq. ft. Verify state and local requirements with your local building inspector.

Windsor double hungs can be clad or primed and these charts are applicable for both.

**All sizes and specifications subject to change without notice.**

# Pinnacle Windows

## Double Hung Picture

ROUGH FRAME GLASS	1-2 1/8	1-4 1/8	1-6 1/8	2-2 1/8	2-6 1/8	2-8 1/8	2-10 1/8	3-2 1/8	4-2 1/8	5-2 1/8	6-1 3/8
	1-1 3/8 8	1-3 3/8 10	1-5 3/8 12	2-1 3/8 20	2-5 3/8 24	2-7 3/8 26	2-9 3/8 28	3-1 3/8 32	4-1 3/8 44	5-1 3/8 56	6-2 1/8 68
4-1 1/4 4-0 3/4 41 1/2	 0842	 1042	 1242	 2042	 2442	 2642	 2842	 3242	 4442	 5642	 6842
4-5 1/4 4-4 3/4 45 1/2	 0846	 1046	 1246	 2046	 2446	 2646	 2846	 3246	 4446	 5646	 6846
4-9 1/4 4-8 3/4 49 1/2	 0850	 1050	 1250	 2050	 2450	 2650	 2850	 3250	 4450	 5650	 6850
5-1 1/4 5-0 3/4 53 1/2	 0854	 1054	 1254	 2054	 2454	 2654	 2854	 3254	 4454	 5654	 6854
5-5 1/4 5-4 3/4 57 1/2	 0858	 1058	 1258	 2058	 2458	 2658	 2858	 3258	 4458	 5658	 6858
5-9 1/4 5-8 3/4 61 1/2	 0862	 1062	 1262	 2062	 2462	 2662	 2862	 3262	 4462	 5662	 6862
6-1 1/4 6-0 3/4 65 1/2	 0866	 1066	 1266	 2066	 2466	 2666	 2866	 3266	 4466	 5666	 6866
6-5 1/4 6-4 3/4 69 1/2	 0870	 1070	 1270	 2070	 2470	 2670	 2870	 3270	 4470	 5670	 6870
6-9 1/4 6-8 3/4 73 1/2	 0874	 1074	 1274	 2074	 2474	 2674	 2874	 3274	 4474		
7-1 1/4 7-0 3/4 77 1/2	 0878	 1078	 1278	 2078	 2478	 2678	 2878	 3278	 4478		
7-5 1/4 7-4 3/4 81 1/2	 0882	 1082	 1282	 2082	 2482	 2682	 2882	 3282	 4482		
7-9 1/4 7-8 3/4 85 1/2	 0886	 1086	 1286	 2086	 2486	 2686	 2886	 3286	 4486		
8-1 1/4 8-0 3/4 89 1/2	 0890	 1090	 1290	 2090	 2490	 2690	 2890	 3290	 4490		

Windsor double hungs can be clad or primed and these charts are applicable for both.

**All sizes and specifications subject to change without notice.**



# Pinnacle Windows





















































































## Clad (In-sash)

MAS. OPG. CLAD  
ROUGH CLAD  
FRAME  
GLASS

# Pinnacle Windows

## Double Hung Transom

















































### Primed (In-sash)

<div>MAS. OPG. PRIMED ROUGH FRAME GLASS</div>		2-0 3/4	2-4 3/4	2-8 3/4	2-10 3/4	3-0 3/4	3-2 3/4	3-4 3/4	3-8 3/4	4-0 3/4	4-4 3/4	5-4 3/4	6-4 3/4
		1-10 1/8	2-2 1/8	2-6 1/8	2-8 1/8	2-10 1/8	3-0 1/8	3-2 1/8	3-6 1/8	3-10 1/8	4-2 1/8	5-2 1/8	6-2 1/8
		1-9 3/8	2-1 3/8	2-5 3/8	2-7 3/8	2-9 3/8	2-11 3/8	3-1 3/8	3-5 3/8	3-9 3/8	4-1 3/8	5-1 3/8	6-1 3/8
		16	20	24	26	28	30	32	36	40	44	56	68
1-4 5/8	1-2 1/16												
		1608	2008	2408	2608	2808	3008	3208	3608	4008	4408	5608	6808
1-6 5/8	1-4 1/16												
		1610	2010	2410	2610	2810	3010	3210	3610	4010	4410	5610	6810
1-8 5/8	1-6 1/16												
		1612	2012	2412	2612	2812	3012	3212	3612	4012	4412	5612	6812
1-10 5/8	1-8 1/16												
		1614	2014	2414	2614	2814	3014	3214	3614	4014	4414	5614	6814
2-4 5/8	2-2 1/16												
		1620	2020	2420	2620	2820	3020	3220	3620	4020	4420	5620	6820
2-10 5/8	2-8 1/16												
		1626	2026	2426	2626	2826	3026	3226	3626	4026	4426	5626	6826
3-4 5/8	3-2 1/16												
		1632	2032	2432	2632	2832	3032	3232	3632	4032	4432	5632	6832

# Pinnacle Windows

















## Clad Glide-by

*Pinnacle glide-bys are available with clad exterior only.*

ROUGH FRAME GLASS	3-3 15/16 3-3 3/16 16-16	3-11 15/16 3-11 3/16 20-20	4-7 15/16 4-7 3/16 24-24	4-11 15/16 4-11 3/16 26-26	5-3 15/16 5-3 3/16 28-28	5-11 15/16 5-11 3/16 32-32
1-11 1/4 1-10 3/4 16	 1616	 2016	 2416	 2616	 2816	 3216
2-3 1/4 2-2 3/4 20	 1620	 2020	 2420	 2620	 2820	 3220
2-11 1/4 2-10 3/4 28	 1628	 2028	 2428	 2628	 2828	 3228
3-3 1/4 3-2 3/4 32	 1632	 2032	 2432	 2632	 2832	 3232
3-7 1/4 3-6 3/4 36	 1636	 2036	 2436	 2636	 2836	 3236
3-11 1/4 3-10 3/4 40	 1640	 2040	 2440	 2640	 2840	 3240
4-7 1/4 4-6 3/4 48	 1648	 2048	 2448	 2648	 2848	 3248
5-1 1/4 5-0 3/4 54	 1654	 2054	 2454	 2654	 2854	 3254

## Pinnacle

## Triple Units

ROUGH FRAME GLASS	6-1 7/16 6-0 11/16 16-32-16	7-5 7/16 7-4 11/16 20-40-20	7-9 7/16 7-8 11/16 28-28-28	8-9 7/16 8-8 11/16 24-48-24
2-11 1/4 2-10 3/4 28	 16-32-1628	 20-40-2028	 28-28-2828	 24-48-2428
3-11 1/4 3-10 3/4 40	 16-32-1640	 20-40-2040	 28-28-2840	 24-48-2440
4-7 1/4 4-6 3/4 48	 16-32-1648	 20-40-2048	 28-28-2848	 24-48-2448
5-1 1/4 5-0 3/4 54	 16-32-1654	 20-40-2054	 28-28-2854	 24-48-2454

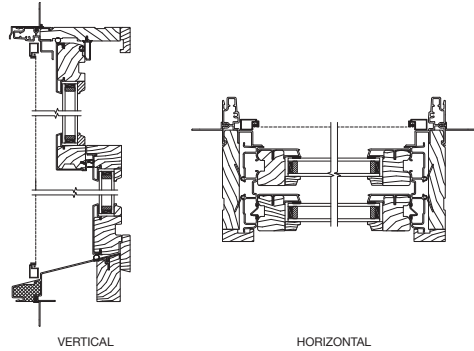
Shaded units meet most egress requirements of 5.70 sq. ft. Verify state and local requirements with your local building inspector.



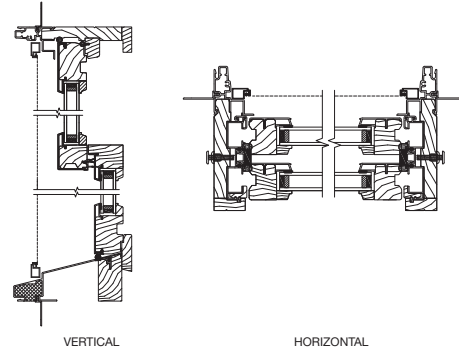
# Pinnacle Clad/Primed Double Hung & Glide-by Windows

## Technical Drawings

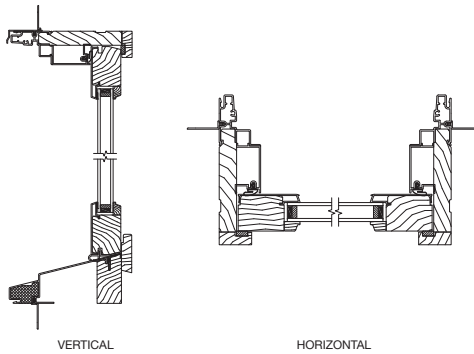
**Pinnacle Clad Double Hung – Operating**



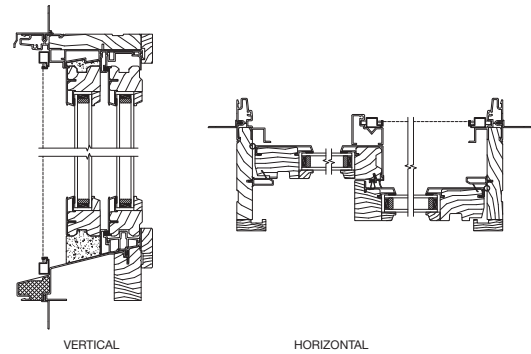
**Pinnacle Clad Concealed Jambliner Double Hung - Operating**



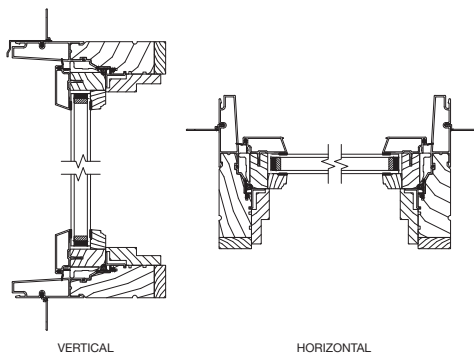
**Pinnacle Clad Double Hung – Picture**



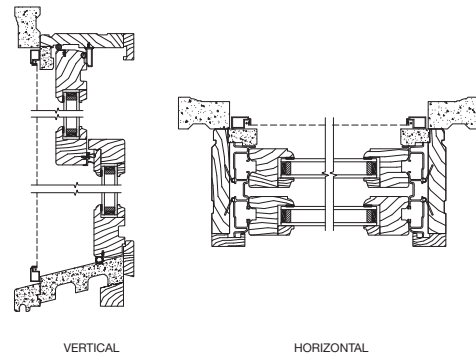
**Pinnacle Clad Glide-by**



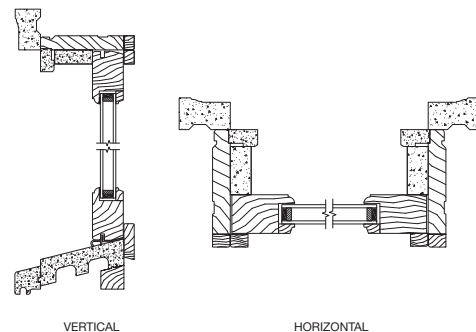
**Pinnacle Clad Double Hung – Transom**



**Pinnacle Primed Double Hung – Operating**

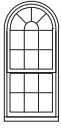
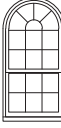

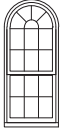


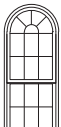
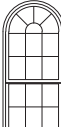

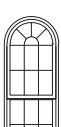
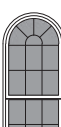
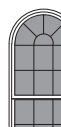







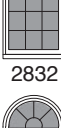

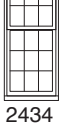
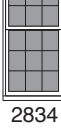



**Pinnacle Primed Double Hung – Picture**



# Pinnacle Windows

## Single Hung Radius Round Top












ROUGH FRAME GLASS	2-6 1/8 2-5 3/8 24	ROUGH FRAME GLASS	2-10 1/8 2-9 3/8 28	ROUGH FRAME GLASS	3-2 1/8 3-1 3/8 32
5-5 3/8 5-4 7/8 22	 2422	5-6 7/8 5-7 3/8 22	 2822	5-8 7/8 5-9 3/8 22	 3222
5-9 3/8 5-8 7/8 24	 2424	5-10 7/8 5-11 3/8 24	 2824	6-0 7/8 6-1 3/8 24	 3224
6-1 3/8 6-0 7/8 26	 2426	6-2 7/8 6-3 3/8 26	 2826	6-4 7/8 6-5 3/8 26	 3226
6-5 3/8 6-4 7/8 28	 2428	6-6 7/8 6-7 3/8 28	 2828	6-8 7/8 6-9 3/8 28	 3228
6-9 3/8 6-8 7/8 30	 2430	6-10 7/8 6-11 3/8 30	 2830	7-0 7/8 7-1 3/8 30	 3230
7-1 3/8 7-0 7/8 32	 2432	7-2 7/8 7-3 3/8 32	 2832	7-4 7/8 7-5 3/8 32	 3232
7-5 3/8 7-4 7/8 34	 2434	7-6 7/8 7-7 3/8 34	 2834	7-8 7/8 7-9 3/8 34	 3234
7-9 3/8 7-8 7/8 36	 2436	7-10 7/8 7-11 3/8 36	 2836	8-0 7/8 8-1 3/8 36	 3236

Shaded units meet most egress requirements of 5.70 sq. ft. Verify state and local requirements with your local building inspector.

# Pinnacle Windows

## Single Hung Radius Segment Top

Shaded units meet most egress requirements of 5.70 sq. ft. Verify state and local requirements with your local building inspector.

























ROUGH FRAME GLASS		2-6 1/8	2-10 1/8	3-2 1/8
		2-5 3/8 24	2-9 3/8 28	3-1 3/8 32
4-9 1/16 4-8 9/16 22-25 31/32		2422	2822	3222
5-1 1/16 5-0 9/16 24-27 31/32		2424	2824	3224
5-5 1/16 5-4 9/16 26-29 31/32		2426	2826	3226
5-9 1/16 5-8 9/16 28-31 31/32		2428	2828	3228
6-1 1/16 6-0 9/16 30-33 31/32		2430	2830	3230
6-5 1/16 6-4 9/16 32-35 31/32		2432	2832	3232
6-9 1/16 6-8 9/16 34-37 31/32		2434	2834	3234
7-1 1/16 7-0 9/16 36-39 31/32		2436	2836	3236
7-5 1/16 7-4 9/16 38-41 31/32		2438	2838	3238
7-9 1/16 7-8 9/16 40-43 31/32		2440	2840	3240
8-1 1/16 8-0 9/16 42-45 31/32		2442	2842	3242

Springline from vertical leg to top of radius is 6" on all segment top casement windows. For example, 3-6/4-0 means a vertical leg height of 3-6 and an overall height of 4-0. **All sizes and specifications subject to change without notice.**

# Pinnacle Windows

## Direct Set Radius

### Casement

ROUGH FRAME GLASS	2-0 3/4 2-0 21 15/16		HRC20	3-0 3/4 3-0 33 15/16
ROUGH FRAME GLASS	2-4 3/4 2-4 25 15/16		HRC24	3-4 3/4 3-4 37 15/16
ROUGH FRAME GLASS	2-6 3/4 2-6 27 15/16		HRC26	3-6 3/4 3-6 39 15/16
ROUGH FRAME GLASS	2-8 3/4 2-8 29 15/16		HRC28	4-0 3/4 4-0 45 15/16
ROUGH FRAME GLASS	3-0 3/4 3-0 33 15/16		HRC32	4-6 3/4 4-6 51 15/16
1-0 1/2 1-0 10		HRC14-2	5-0 3/4 5-0 57 15/16	
1-2 1/2 1-2 12		HRC16-2	4-8 3/4 4-8 53 15/16	
1-3 1/2 1-3 13		HRC18-2	5-0 3/4 5-0 57 15/16	
1-4 1/2 1-4 14		HRC20-2	5-4 3/4 5-4 61 15/16	
1-6 1/2 1-6 16		HRC24-2	6-0 3/4 6-0 69 15/16	
2-0 1/2 2-0 22		HRC26-2	8-0 3/4 8-0 93 15/16	
2-2 1/2 2-2 24		HRC28-2	9-0 3/4 9-0 105 15/16	
2-4 1/2 2-4 26		HRC32-2	4-0 3/4 4-0 45 15/16	HRC32-2/HRC20-3
2-6 1/2 2-6 28		HRC30-2		
3-0 1/2 3-0 36		HRC34-2	5-0 3/4 5-0 57 15/16	
3-2 1/2 3-2 38		HRC36-2	6-0 3/4 6-0 69 15/16	
3-4 1/2 3-4 40		HRC38-2		
3-6 1/2 3-6 42		HRC40-2		
3-8 1/2 3-8 44		HRC42-2		
4-0 1/2 4-0 46		HRC44-2		
4-2 1/2 4-2 48		HRC46-2		
4-4 1/2 4-4 50		HRC48-2		
4-6 1/2 4-6 52		HRC50-2		
4-8 1/2 4-8 54		HRC52-2		
5-0 1/2 5-0 56		HRC54-2		
5-2 1/2 5-2 58		HRC56-2		
5-4 1/2 5-4 60		HRC58-2		
5-6 1/2 5-6 62		HRC60-2		
5-8 1/2 5-8 64		HRC62-2		
6-0 1/2 6-0 66		HRC64-2		
6-2 1/2 6-2 68		HRC66-2		
6-4 1/2 6-4 70		HRC68-2		
6-6 1/2 6-6 72		HRC70-2		
6-8 1/2 6-8 74		HRC72-2		
7-0 1/2 7-0 76		HRC74-2		
7-2 1/2 7-2 78		HRC76-2		
7-4 1/2 7-4 80		HRC78-2		
7-6 1/2 7-6 82		HRC80-2		
7-8 1/2 7-8 84		HRC82-2		
8-0 1/2 8-0 86		HRC84-2		
8-2 1/2 8-2 88		HRC86-2		
8-4 1/2 8-4 90		HRC88-2		
8-6 1/2 8-6 92		HRC90-2		
8-8 1/2 8-8 94		HRC92-2		
9-0 1/2 9-0 96		HRC94-2		
9-2 1/2 9-2 98		HRC96-2		
9-4 1/2 9-4 100		HRC98-2		
9-6 1/2 9-6 102		HRC100-2		
9-8 1/2 9-8 104		HRC102-2		

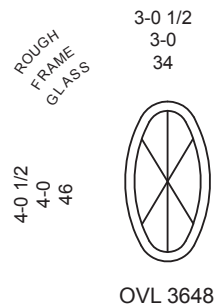
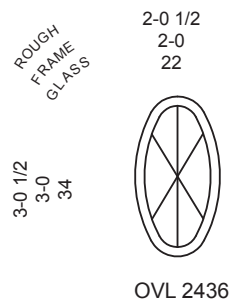
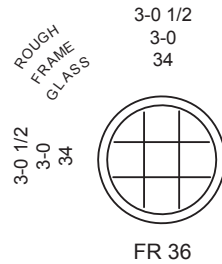
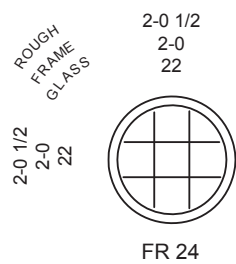
### Double Hung

ROUGH FRAME GLASS	2-2 1/8 2-1 3/8 23 15/16		HRD20	3-2 1/8 3-1 3/8 35 5/16
	2-6 1/8 2-5 3/8 27 5/16		HRD24	3-6 1/8 3-5 3/8 39 5/16
	2-8 1/8 2-7 3/8 29 5/16		HRD26	3-10 3/8 3-9 3/8 43 5/16
	2-10 1/8 2-9 3/8 31 5/16		HRD28	4-0 3/8 3-11 3/8 45 5/16
ROUGH FRAME GLASS	3-0 1/8 2-11 3/8 33 5/16		HRD30	3-7 1/2 3-6 3/4 40 11/16
1-1 3/16 1-0 11/16 10		HRD32	4-3 1/2 4-2 3/4 48 11/16	
1-3 3/16 1-2 11/16 12 11/16		HRD36	4-11 1/2 4-10 3/4 56 11/16	
1-4 3/16 1-3 11/16 13 11/16		HRD40	5-3 1/2 5-2 3/4 60 11/16	
ROUGH FRAME GLASS	2-8 1/8 2-7 3/8 29 5/16		HRD26	3-10 3/8 3-9 3/8 43 5/16
1-5 3/16 1-4 11/16 14 11/16		HRD28	4-0 3/8 3-11 3/8 45 5/16	
1-6 3/16 1-5 11/16 15 11/16		HRD30	3-7 1/2 3-6 3/4 40 11/16	
1-7 3/16 1-6 11/16 16 11/16		HRD32	4-3 1/2 4-2 3/4 48 11/16	
1-8 3/16 1-7 11/16 17 11/16		HRD34	4-7 1/2 4-6 3/4 52 11/16	
1-9 3/16 1-8 11/16 18 11/16		HRD36	4-11 1/2 4-10 3/4 56 11/16	
1-10 3/16 1-9 11/16 19 11/16		HRD38	5-1 1/2 5-0 3/4 60 11/16	
1-11 3/16 1-10 11/16 20 11/16		HRD40	5-3 1/2 5-2 3/4 60 11/16	
1-12 3/16 1-11 11/16 21 11/16		HRD42	5-5 7/8 5-4 1/8 62 1/8	
1-13 3/16 1-12 11/16 22 11/16		HRD44	5-7 1/2 5-6 3/4 64 11/16	
2-1 7/8 2-1 3/8 23 3/8		HRD20-2	5-11 1/2 5-10 3/4 68 11/16	
2-2 7/8 2-1 7/8 24 7/8		HRD22	6-1 1/2 6-0 3/4 70 11/16	
2-3 7/8 2-2 7/8 25 7/8		HRD24	6-3 1/2 6-2 3/4 72 11/16	
2-4 7/8 2-3 7/8 26 7/8		HRD26	6-5 7/8 6-4 1/8 74 1/8	
2-5 7/8 2-4 7/8 27 7/8		HRD28	6-7 1/2 6-6 3/4 76 1/8	
2-6 7/8 2-5 7/8 28 7/8		HRD30	6-9 1/2 6-8 3/4 78 1/8	
2-7 7/8 2-6 7/8 29 7/8		HRD32	7-1 1/2 7-0 3/4 80 11/16	
2-8 7/8 2-7 7/8 30 7/8		HRD34	7-3 1/2 7-2 3/4 82 11/16	
2-9 7/8 2-8 7/8 31 7/8		HRD36	7-5 7/8 7-4 1/8 84 11/16	
2-10 7/8 2-9 7/8 32 7/8		HRD38	7-7 1/2 7-6 3/4 86 11/16	
2-11 7/8 2-10 7/8 33 7/8		HRD40	7-9 1/2 7-8 3/4 88 11/16	
2-12 7/8 2-11 7/8 34 7/8		HRD42	8-1 1/2 8-0 3/4 90 11/16	
2-13 7/8 2-12 7/8 35 7/8		HRD44	8-3 1/2 8-2 3/4 92 11/16	
2-14 7/8 2-13 7/8 36 7/8		HRD46	8-5 1/2 8-4 1/8 94 11/16	
2-15 7/8 2-14 7/8 37 7/8		HRD48	8-7 1/2 8-6 3/4 96 11/16	
2-16 7/8 2-15 7/8 38 7/8		HRD50	8-9 1/2 8-8 3/4 98 11/16	
2-17 7/8 2-16 7/8 39 7/8		HRD52	9-1 1/2 9-0 3/4 100 11/16	
2-18 7/8 2-17 7/8 40 7/8		HRD54	9-3 1/2 9-2 3/4 102 11/16	
2-19 7/8 2-18 7/8 41 7/8		HRD56	9-5 1/2 9-4 1/8 104 11/16	
2-20 7/8 2-19 7/8 42 7/8		HRD58	9-7 1/2 9-6 3/4 106 11/16	
2-21 7/8 2-20 7/8 43 7/8		HRD60	9-9 1/2 9-8 3/4 108 11/16	
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2-23 7/8 2-22 7/8 45 7/8		HRD64	10-3 1/2 10-2 3/4 112 11/16	
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2-25 7/8 2-24 7/8 47 7/8		HRD68	10-7 1/2 10-6 3/4 116 11/16	
2-26 7/8 2-25 7/8 48 7/8		HRD70	10-9 1/2 10-8 3/4 118 11/16	
2-27 7/8 2-26 7/8 49 7/8		HRD72	11-1 1/2 11-0 3/4 120 11/16	
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2-29 7/8 2-28 7/8 51 7/8		HRD76	11-5 1/2 11-4 1/8 124 11/16	
2-30 7/8 2-29 7/8 52 7/8		HRD78	11-7 1/2 11-6 3/4 126 11/16	
2-31 7/8 2-30 7/8 53 7/8		HRD80	11-9 1/2 11-8 3/4 128 11/16	
2-32 7/8 2-31 7/8 54 7/8		HRD82	12-1 1/2 12-0 3/4 130 11/16	
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2-49 7/8 2-48 7/8 71 7/8		HRD116	15-5 1/2 15-4 1/8 164 11/16	
2-50 7/8 2-49 7/8 72 7/8		HRD118	15-7 1/2 15-6 3/4 166 11/16	
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2-56 7/8 2-55 7/8 78 7/8		HRD130	16-9 1/2 16-8 3/4 178 11/16	
2-57 7/8 2-56 7/8 79 7/8		HRD132	17-1 1/2 17-0 3/4 180 11/16	
2-58 7/8 2-57 7/8 80 7/8		HRD134	17-3 1/2 17-2 3/4 182 11/16	
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2-65 7/8 2-64 7/8 87 7/8		HRD148	18-7 1/2 18-6 3/4 196 11/16	
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2-71 7/8 2-70 7/8 93 7/8		HRD160	19-9 1/2 19-8 3/4 208 11/16	
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2-74 7/8 2-73 7/8 96 7/8		HRD166	20-5 1/2 20-4 1/8 214 11/16	
2-75 7/8 2-74 7/8 97 7/8		HRD168	20-7 1/2 20-6 3/4 216 11/16	
2-76 7/8 2-75 7/8 98 7/8		HRD170	20-9 1/2 20-8 3/4 218 11/16	
2-77 7/8 2-76 7/8 99 7/8		HRD172	21-1 1/2 21-0 3/4 220 11/16	
2-78 7/8 2-77 7/8 100 7/8		HRD174	21-3 1/2 21-2 3/4 222 11/16	
2-79 7/8 2-78 7/8 101 7/8		HRD176	21-5 1/2 21-4 1/8 224 11/16	
2-80 7/8 2-79 7/8 102 7/8		HRD178	21-7 1/2 21-6 3/4 226 11/16	
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2-83 7/8 2-82 7/8 105 7/8		HRD184	22-3 1/2 22-2 3/4 232 11/16	
2-84 7/8 2-83 7/8 106 7/8		HRD186	22-5 1/2 22-4 1/8 234 11/16	
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2-86 7/8 2-85 7/8 108 7/8		HRD190	22-9 1/2 22-8 3/4 238 11/16	
2-87 7/8 2-86 7/8 109 7/8		HRD192	23-1 1/2 23-0 3/4 240 11/16	
2-88 7/8 2-87 7/8 110 7/8		HRD194	23-3 1/2 23-2 3/4 242 11/16	
2-89 7/8 2-88 7/8 111 7/8		HRD196	23-5 1/2 23-4 1/8 244 11/16	
2-90 7/8 2-89 7/8 112 7/8		HRD198	23-7 1/2 23-6 3/4 246 11/16	
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# Pinnacle Windows

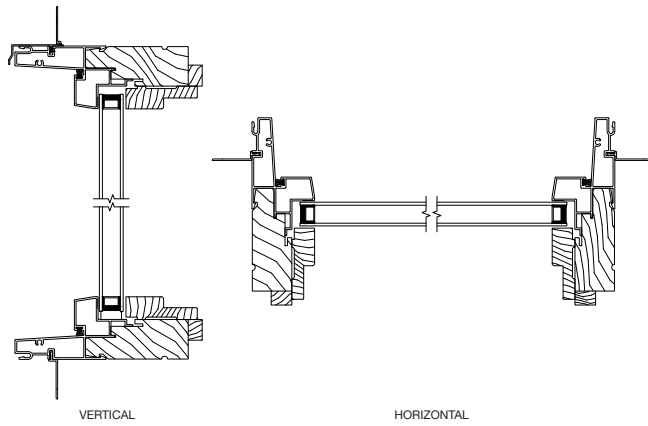
## Direct Set



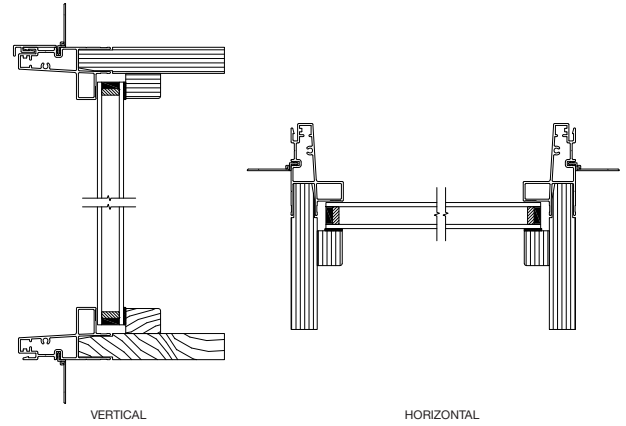
# Pinnacle Clad Direct Set, Direct Set Radius & Corner Windows

## Technical Drawings

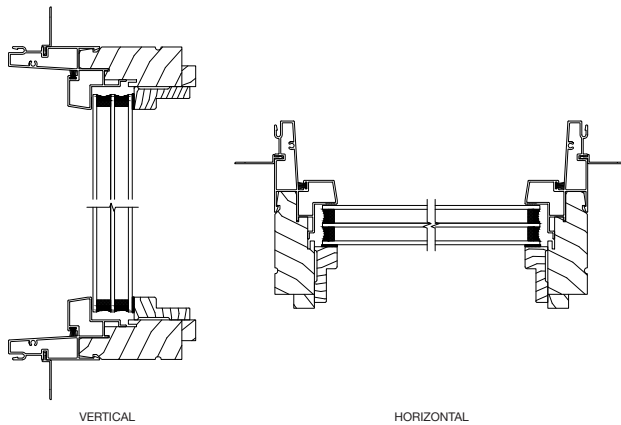
**Pinnacle Clad Direct Set**



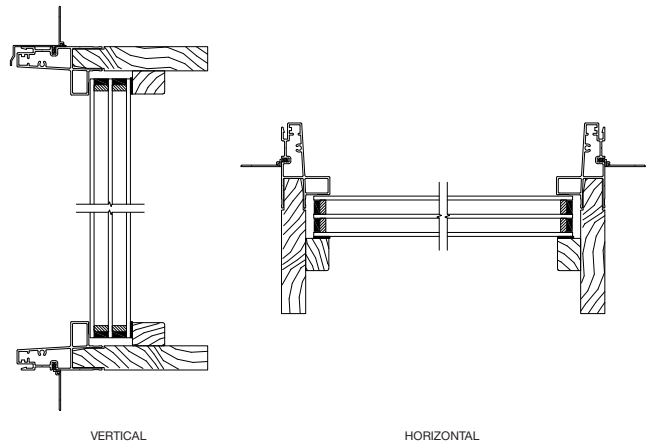
**Pinnacle Clad Direct Set Radius**



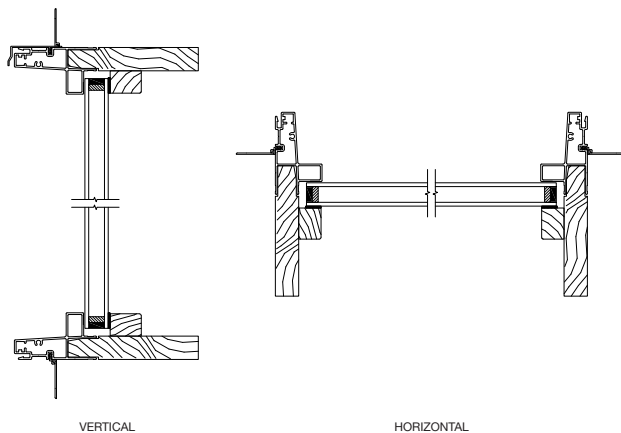
**Pinnacle Clad Triple IG Direct Set**



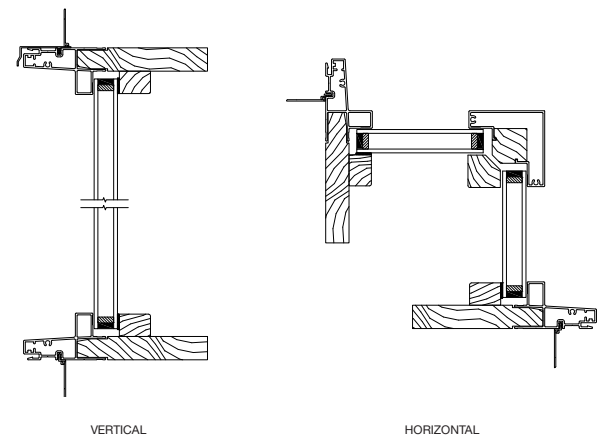
**Pinnacle Clad Triple IG Low Profile Direct Set**



**Pinnacle Clad Low Profile Direct Set**



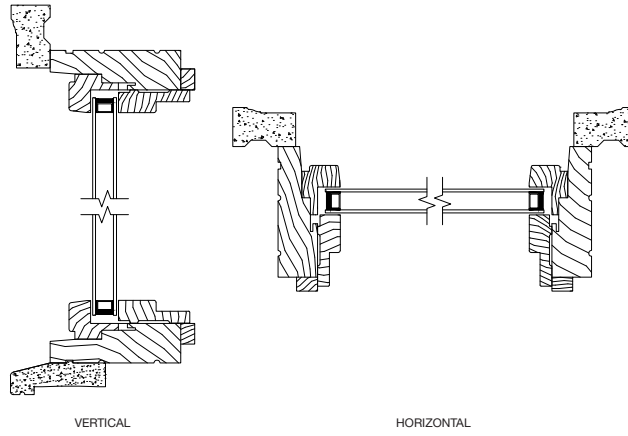
**Pinnacle Clad 90-degree Corner**



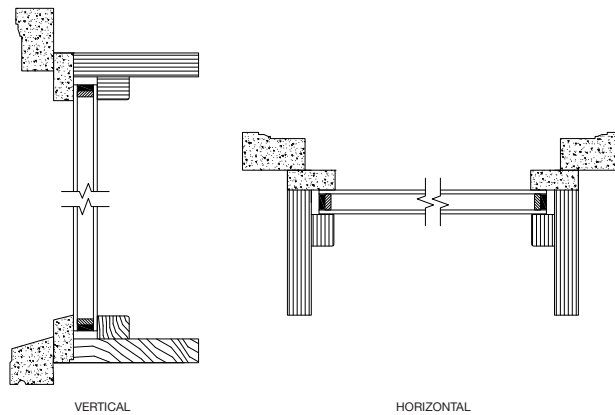
# Pinnacle Primed Direct Set & Direct Set Radius Windows

## Technical Drawings

### Pinnacle Primed Direct Set




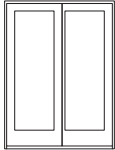
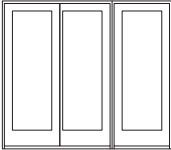
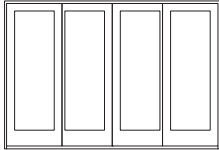




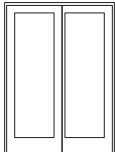
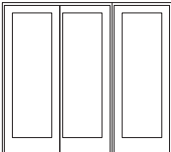
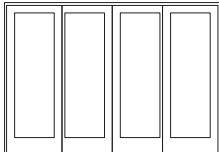




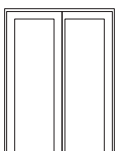
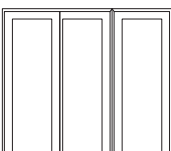
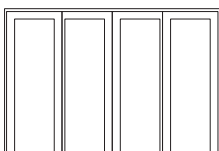




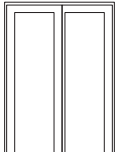





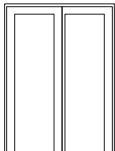



### Pinnacle Primed Direct Set Radius



# Pinnacle Patio Doors

## Clad & Primed French Sliding Patio Doors

### Sidelite Sizes

ROUGH FRAME GLASS								
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6-8 6-7 1/2 64	 2668-S	 5068-OX	 7668-OX/S	 10068-OXXO		 1268	 1468	 1668
6-11 6-10 1/2 67	 26610-S	 50610-OX	 76610-OX/S	 100610-OXXO		 12610	 14610	 16610
8-0 7-11 1/2 80	 2680-S	 5080-OX	 7680-OX/S	 10080-OXXO		 1280	 1480	 1680
9-0 8-11 1/2 92	 2690-S	 5090-OX	 10090-OXXO			 1290	 1490	 1690
10-0 9-11 1/2 104	 26100-S*	 50100-OX*				 12100*	 14100*	 16100*

----- Clad only

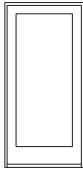
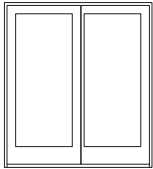
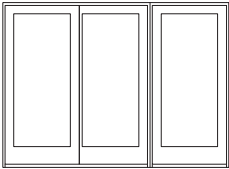
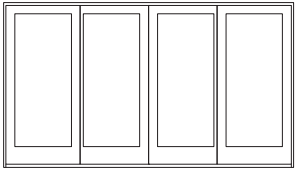
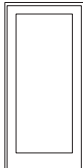
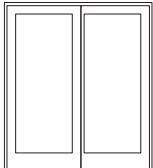
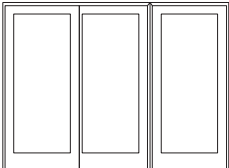
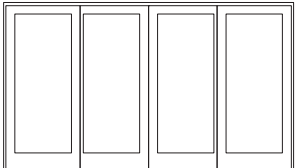
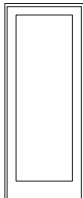
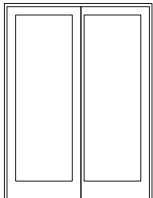
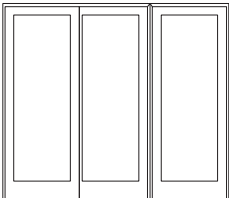
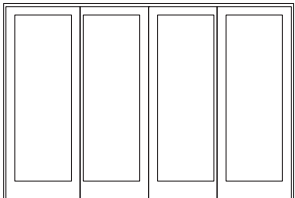
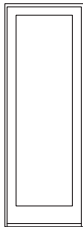
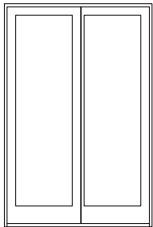
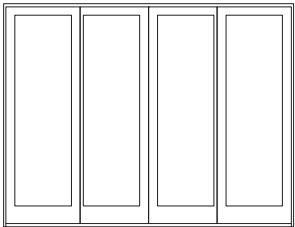
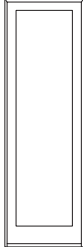
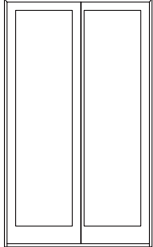
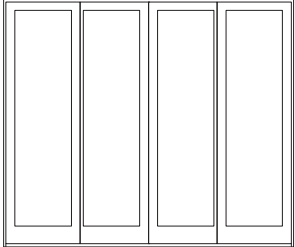
Primed sliders are not available in narrow, only French sliders.

**All sizes and specifications subject to change without notice.**



# Pinnacle Patio Doors

## Clad & Primed French Sliding Patio Doors, cont.

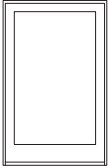
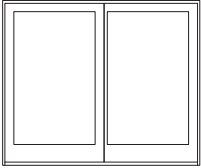
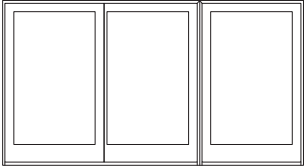
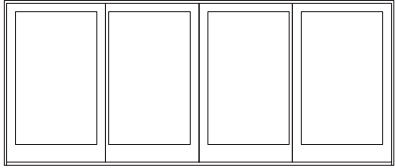
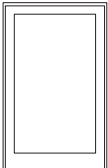

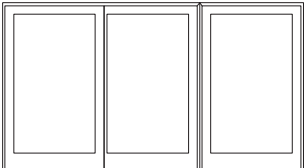
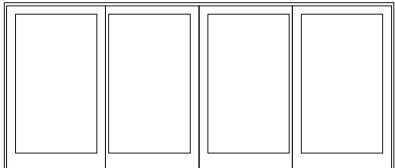
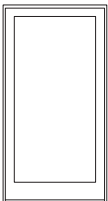
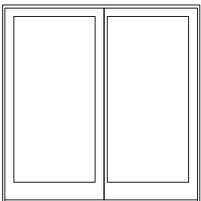
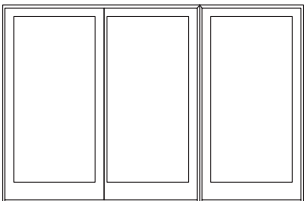
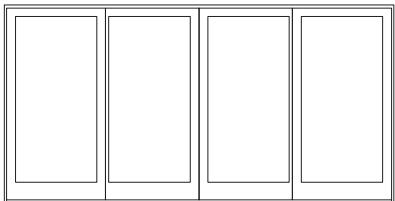
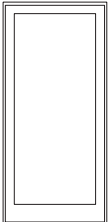
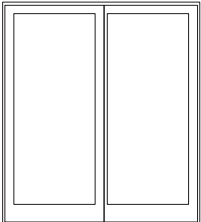
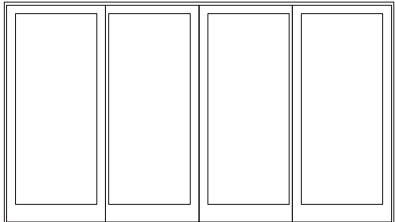
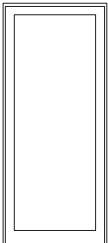
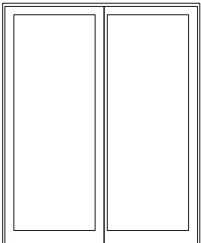
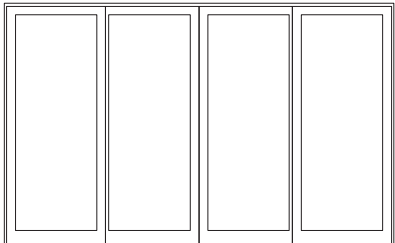
ROUGH FRAME GLASS				
	3-2 3/4 3-2 27 1/4	5-11 3/4 5-11 27 1/4	9-1 3/4 9-1 27 1/4	11-9 5/16 11-8 9/16 27 1/4
6-8 6-7 1/2 64	 3068-S	 6068-OX	 9068-OX/S	 12068-OXXO
6-11 6-10 1/2 67	 30610-S	 60610-OX	 90610-OX/S	 120610-OXXO
8-0 7-11 1/2 80	 3080-S	 6080-OX	 9080-OX/S	 12080-OXXO
9-0 8-11 1/2 92	 3090-S	 6090-OX	 12090-OXXO	
10-0 9-11 1/2 104	 30100-S*	 60100-OX*	 120100-OXXO	

----- Clad only

Primed sliders are not available in narrow, only French sliders.  
**All sizes and specifications subject to change without notice.**

## Pinnacle Patio Doors

### Clad & Primed French Sliding Patio Doors, cont.



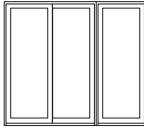
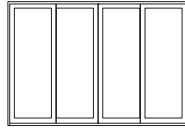


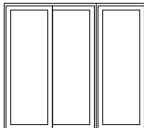



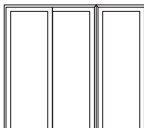

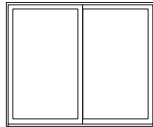
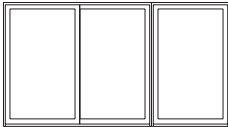
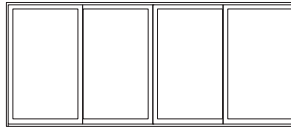

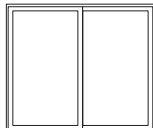

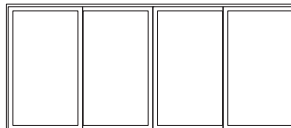


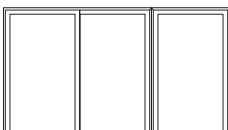
ROUGH FRAME GLASS	4-2 3/4 4-2 39 1/4	7-11 3/4 7-11 39 1/4	12-1 3/4 12-1 39 1/4	15-9 5/16 15-8 9/16 39 1/4
	6-8 6-7 1/2 64	6-11 6-10 1/2 67	8-0 7-11 1/2 80	9-0 8-11 1/2 92
	 4068-S	 8068-OX	 12068-OX/S	 16068-OXXO
	 40610-S	 80610-OX	 120610-OX/S	 160610-OXXO
	 4080-S	 8080-OX	 12080-OX/S	 16080-OXXO
	 4090-S	 8090-OX		 16090-OXXO
	 40100-S	 80100-OX		 160100-OXXO

Primed sliders are not available in narrow, only French sliders.

**All sizes and specifications subject to change without notice.**

# Pinnacle Patio Doors

## Clad Narrow Sliding Patio Doors


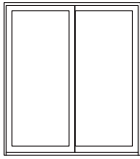
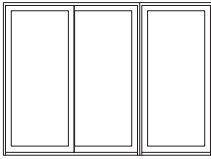
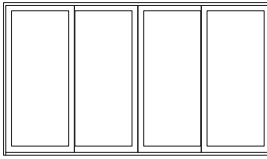

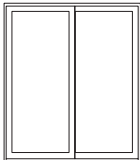
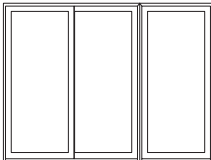
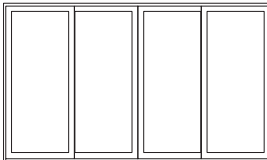

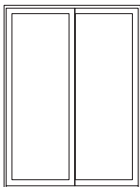
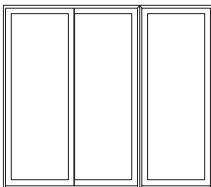
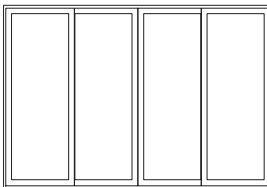
ROUGH FRAME GLASS	2-8 3/4 2-8 25	4-11 3/4 4-11 25	7-7 3/4 7-7 25	9-9 5/16 9-8 9/16 25
				
	2668-S	5068-OX	7668-OX/S	10068-OXXO
6-8 6-7 1/2 71 3/4				
	26610-S	50610-OX	76610-OX/S	100610-OXXO
	6-11 6-10 1/2 74 3/4			
2680-S		5080-OX	7680-OX/S	10080-OXXO
8-0 7-11 1/2 87 3/4				
6-8 6-7 1/2 71 3/4	4-2 3/4 4-2 43	7-11 3/4 7-11 43	12-1 3/4 12-1 43	15-9 5/16 15-8 9/16 43
				
	4068-S	8068-OX	12068-OX/S	16068-OXXO
6-11 6-10 1/2 74 3/4				
	40610-S	80610-OX	120610-OX/S	160610-OXXO
	8-0 7-11 1/2 87 3/4			
4080-S		8080-OX	12080-OX/S	16080-OXXO

Not available in primed.

All sizes and specifications subject to change without notice.

# Pinnacle Patio Doors

## Clad Narrow Sliding Patio Doors

ROUGH FRAME GLASS	6-8 6-7 1/2 71 3/4	3-2 3/4 3-2 31	5-11 3/4 5-11 31	9-1 3/4 9-1 31	11-9 5/16 11-8 9/16 31
					
	3068-S	6068-OX	9068-OX/S	12068-OXXO	
6-11 6-10 1/2 74 3/4					
	30610-S	60610-OX	90610-OX/S	120610-OXXO	
8-0 7-11 1/2 87 3/4					
	3080-S	6080-OX	9080-OX/S	12080-OXXO	

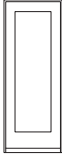
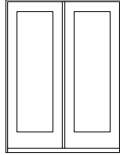
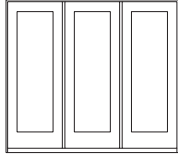
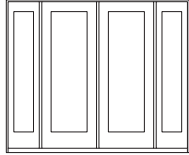
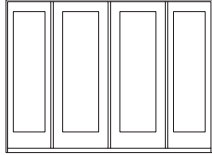
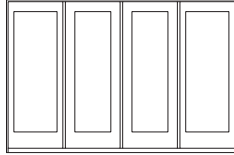
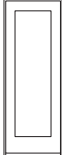
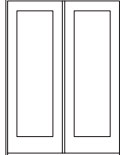
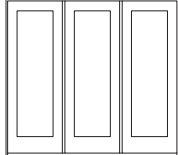
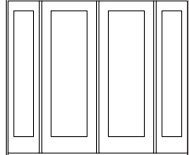
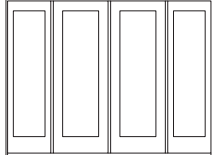
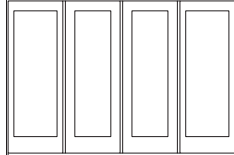
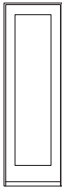
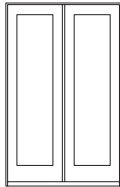
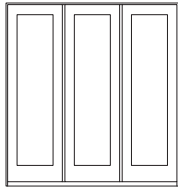
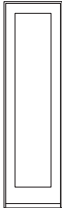
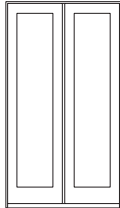
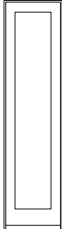
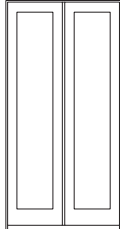
Not available in primed.

All sizes and specifications subject to change without notice.



# Pinnacle Patio Doors

## Clad In-swing Patio Doors

ROUGH FRAME GLASS	2-7 2-6 1/4 20	5-0 13/16 5-0 1/16 20	7-6 5/8 7-5 7/8 20	7-11 15/16 7-11 3/16 11 1/2 - 20 - 11 1/2	9-0 7/16 8-11 11/16 14 - 20 - 14	10-0 7/16 9-11 11/16 20
	6-8 6-7 1/2 63 7/8					
						
	2668	5068	7668	16-50-1668	20-50-2068	26-50-2668
						
	26610	50610	76610	16-50-16610	20-50-20610	26-50-26610
						
	2680	5080	7680			
						
	2690	5090				
						
	26100	50100				

Door handing is determined while standing on the **OUTSIDE** of the door.  
**Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

**All sizes and specifications subject to change without notice.**

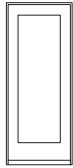
# Pinnacle Patio Doors

## Clad In-swing Patio Doors, cont.

ROUGH  
FRAME  
GLASS

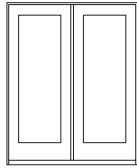
6-8  
6-7 1/2  
63 7/8

2-9  
2-8 1/4  
22



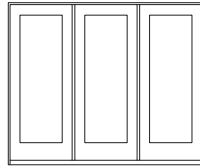
2868

5-4 13/16  
5-4 1/16  
22



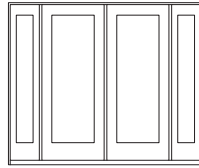
5468

8-0 5/8  
7-11 7/8  
22



8068

7-11 15/16  
7-11 3/16  
9 1/2 - 22 - 9 1/2



14-54-1468

ROUGH  
FRAME  
GLASS

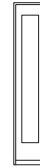
6-8  
6-7 1/2  
63 7/8

1-2 3/4  
1-2  
7 1/2



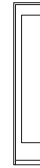
1268

1-4 3/4  
1-4  
9 1/2



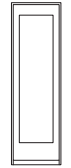
1468

1-6 3/4  
1-6  
11 1/2



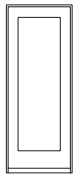
1668

2-1  
2-0 1/4  
14

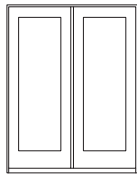


2068

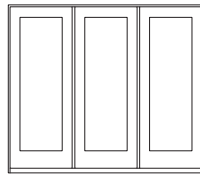
6-10 7/8  
6-10 3/8  
66 3/4



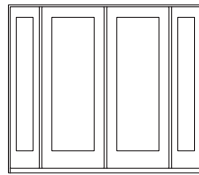
28610



54610



80610

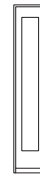


14-54-14610

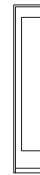
6-10 7/8  
6-10 3/8  
66 3/4



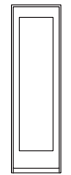
12610



14610

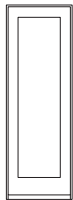


16610



20610

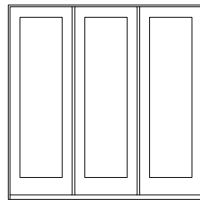
7-11 7/8  
7-11 3/8  
79 3/4



2880



5480

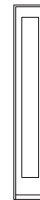


8080

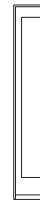
7-11 7/8  
7-11 3/8  
79 3/4



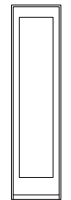
1280



1480

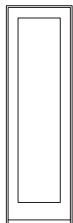


1680



2080

8-11 7/8  
8-11 3/8  
91 3/4



2890



5490

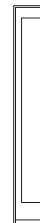
8-11 7/8  
8-11 3/8  
91 3/4



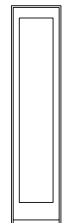
1290



1490

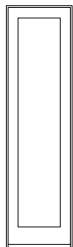


1690

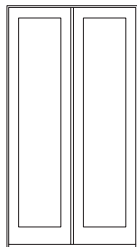


2090

9-11 7/8  
9-11 3/8  
103 3/4



28100

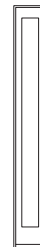


54100

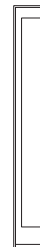
9-11 7/8  
9-11 3/8  
103 3/4



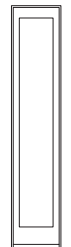
12100



14100



16100



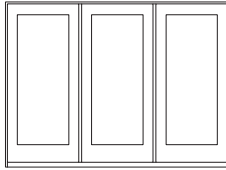
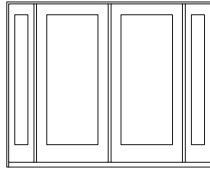

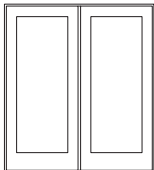
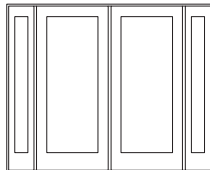
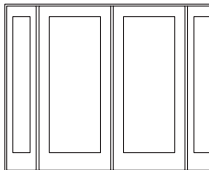


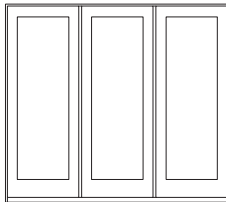
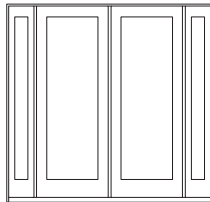
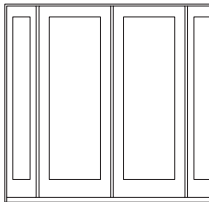



20100

Door handing is determined while standing on the **OUTSIDE** of the door.  
**Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

**All sizes and specifications subject to change without notice.**

# Pinnacle Patio Doors

## Clad In-swing Patio Doors, cont.

ROUGH FRAME GLASS	3-1 3-0 1/4 26	6-0 13/16 6-0 1/16 26	9-0 5/8 8-11 7/8 26	8-3 15/16 8-3 3/16 7 1/2 - 26 - 7 1/2	8-7 15/16 8-7 3/16 9 1/2 - 26 - 9 1/2	
	6-8 6-7 1/2 63 7/8					
	3068	6068	9068	12-60-1268	14-60-1468	
	6-10 7/8 6-10 3/8 66 3/4					
	30610	60610	90610	12-60-12610	14-60-14610	
7-11 7/8 7-11 3/8 79 3/4						
3080	6080	9080	12-60-1280	14-60-1480		
8-11 7/8 8-11 3/8 91 3/4						
3090	6090					
9-11 7/8 9-11 3/8 103 3/4						
30100*	60100*					

Door handing is determined while standing on the **OUTSIDE** of the door.  
**Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

**All sizes and specifications subject to change without notice.**

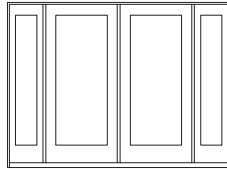
# Pinnacle Patio Doors

## Clad In-swing Patio Doors, cont.

ROUGH  
FRAME  
GLASS

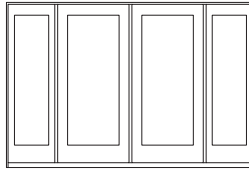
6-8  
6-7 1/2  
63 7/8

8-11 15/16  
8-11 3/16  
11 1/2 - 26 - 11 1/2



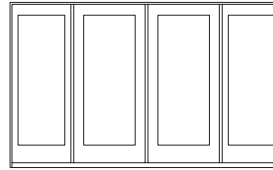
16-60-1668

10-0 7/16  
9-11 11/16  
14 - 26 - 14



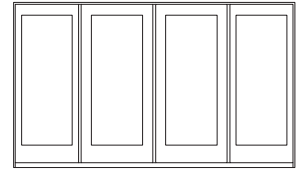
20-60-2068

11-0 7/16  
10-11 11/16  
20 - 26 - 20



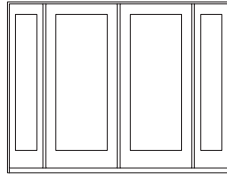
26-60-2668

11-4 7/16  
11-3 11/16  
22 - 26 - 22

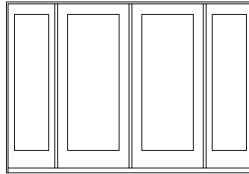


28-60-2868

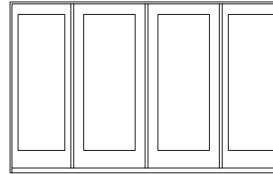
6-10 7/8  
6-10 3/8  
66 3/4



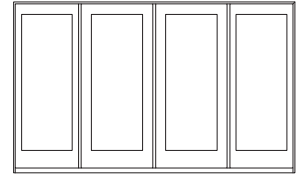
16-60-16610



20-60-20610

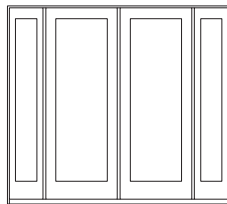


26-60-26610

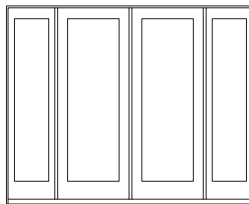


28-60-28610

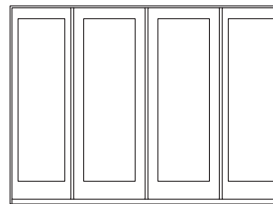
7-11 7/8  
7-11 3/8  
79 3/4



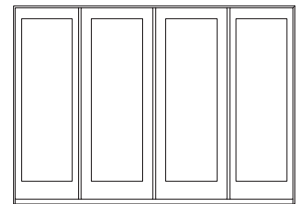
16-60-1680



20-60-2080



26-60-2680

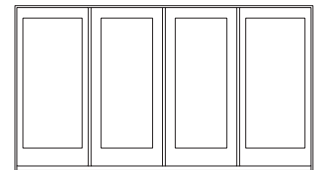


28-60-2880

ROUGH  
FRAME  
GLASS

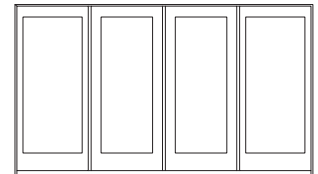
6-8  
6-7 1/2  
63 7/8

12-0 7/16  
11-11 11/16  
26



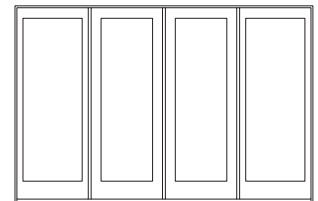
30-60-3068

6-10 7/8  
6-10 3/8  
66 3/4



30-60-30610

7-11 7/8  
7-11 3/8  
79 3/4



30-60-3080

Door handing is determined while standing on the **OUTSIDE** of the door.  
**Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

**All sizes and specifications subject to change without notice.**



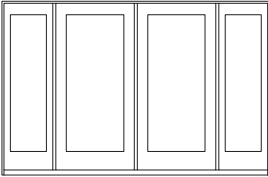
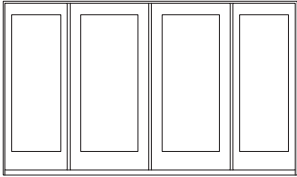
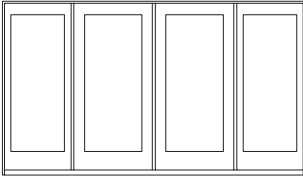
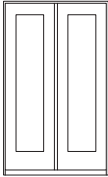
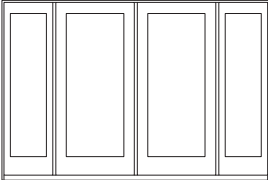
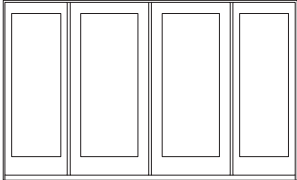
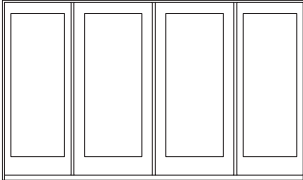
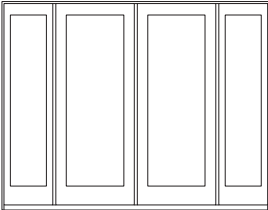
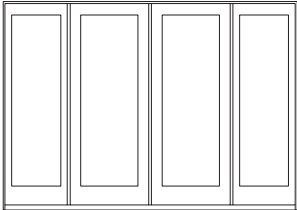
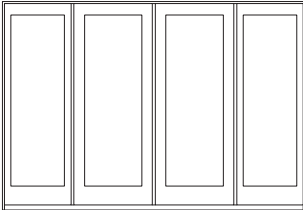
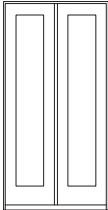
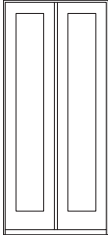
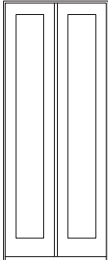
## Clad In-swing Patio Doors, cont.

Door handing is determined while standing on the **OUTSIDE** of the door.  
**Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

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# Pinnacle Patio Doors

## Clad In-swing Patio Doors, cont.

ROUGH FRAME GLASS	6-8 6-7 1/2 63 7/8	10-3 7/16 10-2 11/16 14 - 27 1/2 - 14	11-3 7/16 11-2 11/16 20 - 27 1/2 - 20	11-7 7/16 11-6 11/16 22 - 27 1/2 - 22	ROUGH FRAME GLASS	4-0 3/4 4-0 14
	 20-64-2068	 26-64-2668	 28-64-2868	 4068 BI-HINGE ONLY		
	6-10 7/8 6-10 3/8 66 3/4	 20-64-20610	 26-64-26610	 28-64-28610		6-10 7/8 6-10 3/8 66 3/4
7-11 7/8 7-11 3/8 79 3/4	 20-64-2080	 26-64-2680	 28-64-2880	7-11 7/8 7-11 3/8 79 3/4	 4080 BI-HINGE ONLY	
				8-11 7/8 8-11 3/8 91 3/4	 4090 BI-HINGE ONLY	
				9-11 7/8 9-11 3/8 103 3/4	 40100* BI-HINGE ONLY	

Door handing is determined while standing on the **OUTSIDE** of the door.  
**Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

**All sizes and specifications subject to change without notice.**

# Pinnacle Patio Doors

## Clad Narrow In-swing Patio Doors

ROUGH FRAME GLASS	2-7	5-0 13/16	7-6 5/8	7-11 15/16	9-0 7/16	10-0 7/16
	2-6 1/4	5-0 1/16	7-5 7/8	7-11 3/16	8-11 11/16	9-11 11/16
	23	23	23	11 1/2 - 23 - 11 1/2	14 - 23 - 14	23
	6-8	6-7 1/2	67 1/4			
2668	5068	7668	16-50-1668	20-50-2068	26-50-2668	
6-10 7/8	6-10 3/8	70 1/8				
26610	50610	76610	16-50-16610	20-50-20610	26-50-26610	
7-11 7/8	7-11 3/8	83 1/8				
2680	5080	7680				
ROUGH FRAME GLASS	2-9	5-4 13/16	8-0 5/8	7-11 15/16		
	2-8 1/4	5-4 1/16	7-11 7/8	7-11 3/16		
	25	25	25	9 1/2 - 25 - 9 1/2		
	6-8	6-7 1/2	67 1/4			
2868	5468	8068	14-54-1468			
6-10 7/8	6-10 3/8	70 1/8				
28610	54610	80610	14-54-14610			
7-11 7/8	7-11 3/8	83 1/8				
2880	5480	8080				

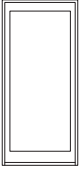
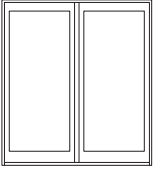
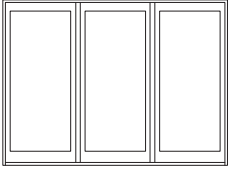
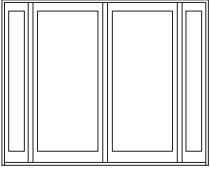
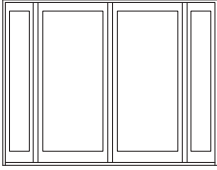
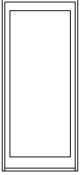
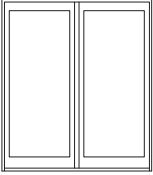
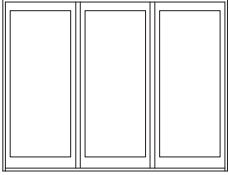
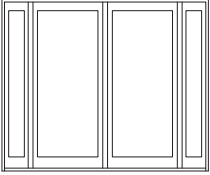
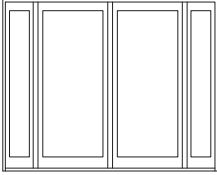
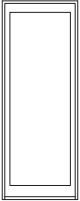
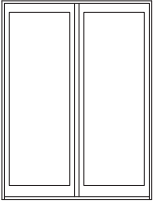
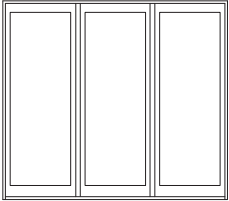
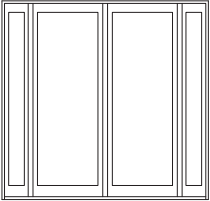
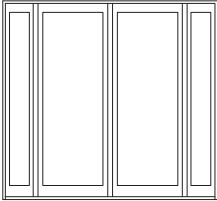
Door handing is determined while standing on the **OUTSIDE** of the door. **Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right. The active panel (X) can be placed in any position and hinged in either direction, left (XL) or right (XR). The remaining panel(s) must be in a fixed position.

For doors with handicap sill, subtract 1-3/8" from frame and rough opening heights.

**All sizes and specifications subject to change without notice.**

# Pinnacle Patio Doors

## Clad Narrow In-swing Patio Doors, cont.

ROUGH FRAME GLASS  6-8 6-7 1/2 67 1/4  6-10 7/8 6-10 3/8 70 1/8  7-11 7/8 7-11 3/8 83 1/8	3-1 3-0 1/4 29	6-0 13/16 6-0 1/16 29	9-0 5/8 8-11 7/8 29	8-3 15/16 8-3 3/16 7 1/2 - 29 - 7 1/2	8-7 15/16 8-7 3/16 9 1/2 - 29 - 9 1/2
					
	3068	6068	9068	12-60-1268	14-60-1468
					
	30610	60610	90610	12-60-12610	14-60-14610
					
	3080	6080	9080	12-60-1280	14-60-1480

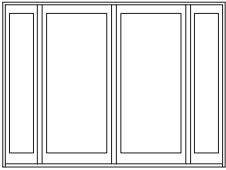
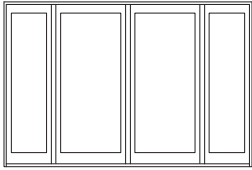
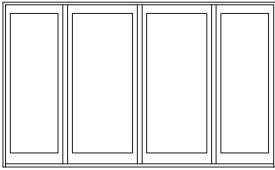
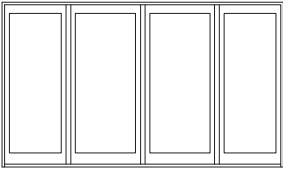
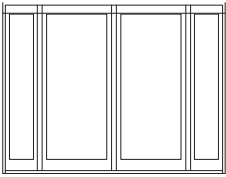
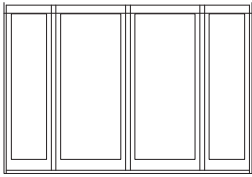
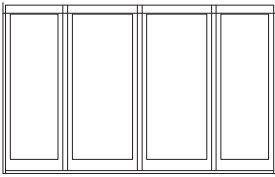
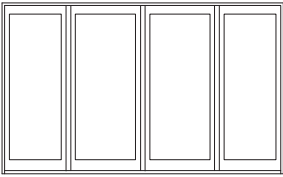
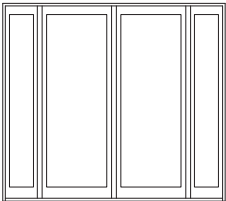
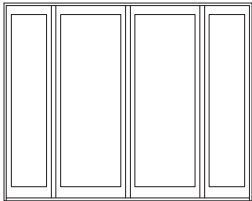
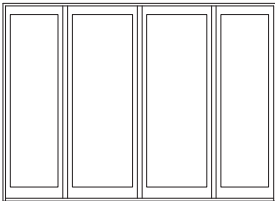
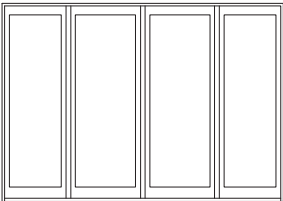
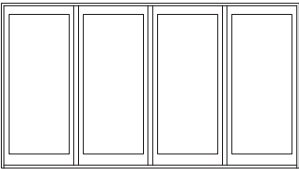
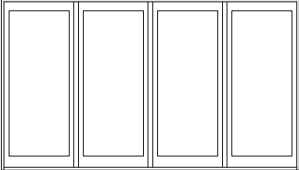
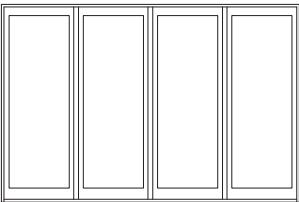
Door handing is determined while standing on the **OUTSIDE** of the door. **Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right. The active panel (X) can be placed in any position and hinged in either direction, left (XL) or right (XR). The remaining panel(s) must be in a fixed position.

For doors with handicap sill, subtract 1-3/8" from frame and rough opening heights.



# Pinnacle Patio Doors

## Clad Narrow In-swing Patio Doors, cont.

ROUGH FRAME GLASS  6-8 6-7 1/2 67 1/4  6-10 7/8 6-10 3/8 70 1/8  7-11 7/8 7-11 3/8 83 1/8	8-11 15/16 8-11 3/16 11 1/2 - 29 - 11 1/2	10-0 7/16 9-11 11/16 17 - 29 - 17	11-0 7/16 10-11 11/16 23 - 29 - 23	11-4 7/16 11-3 11/16 25 - 29 - 25
	 16-60-1668	 20-60-2068	 26-60-2668	 28-60-2868
	 16-60-16610	 20-60-20610	 26-60-26610	 28-60-28610
	 16-60-1680	 20-60-2080	 26-60-2680	 28-60-2880
			ROUGH FRAME GLASS	12-0 7/16 11-11 11/16 29
			6-8 6-7 1/2 67 1/4	 30-60-3068
			6-10 7/8 6-10 3/8 70 1/8	 30-60-30610
			7-11 7/8 7-11 3/8 83 1/8	 30-60-30610

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## Clad Narrow In-swing Patio Doors, cont.

ROUGH FRAME GLASS  6-8 6-7 1/2 67 1/4	3-2 1/2 3-1 3/4 30 1/2  3268	6-3 13/16 6-3 1/16 30 1/2  6468	8-6 15/16 8-6 3/16 7 1/2 - 30 1/2 - 7 1/2  12-64-1268	8-10 15/16 8-10 3/16 9 1/2 - 30 1/2 - 9 1/2  14-64-1468	9-2 15/16 9-2 3/16 11 1/2 - 30 1/2 - 11 1/2  16-64-1668
	6-10 7/8 6-10 3/8 70 1/8  32610	6-10 7/8 6-10 3/8 70 1/8  64610	6-10 7/8 6-10 3/8 70 1/8  12-64-12610	6-10 7/8 6-10 3/8 70 1/8  14-64-14610	6-10 7/8 6-10 3/8 70 1/8  16-64-16610
	7-11 7/8 7-11 3/8 83 1/8  3280	7-11 7/8 7-11 3/8 83 1/8  6480	7-11 7/8 7-11 3/8 83 1/8  12-64-1280	7-11 7/8 7-11 3/8 83 1/8  14-64-1480	7-11 7/8 7-11 3/8 83 1/8  16-64-1680
ROUGH FRAME GLASS  6-8 6-7 1/2 67 1/4	1-3 1-2 7 1/2  1268	1-5 1-4 9 1/2  1468	1-7 1-6 11 1/2  1668	2-1 1/4 2-0 1/4 17  2068	4-0 3/4 4-0 17  4068 BI-HINGE ONLY
	6-11 6-10 1/2 70 1/8  12610	6-11 6-10 1/2 70 1/8  14610	6-11 6-10 1/2 70 1/8  16610	6-11 6-10 1/2 70 1/8  20610	6-10 7/8 6-10 3/8 70 1/8  40610 BI-HINGE ONLY
	8-0 7-11 3/8 83 1/8  1280	8-0 7-11 3/8 83 1/8  1480	8-0 7-11 3/8 83 1/8  1680	8-0 7-11 3/8 83 1/8  2080	7-11 7/8 7-11 3/8 83 1/8  4080 BI-HINGE ONLY

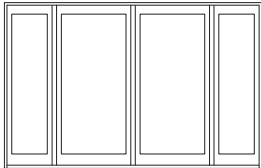
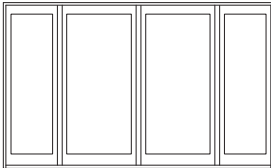
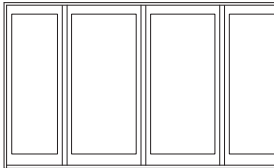
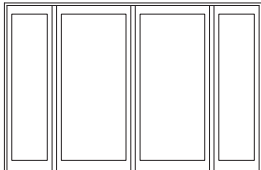
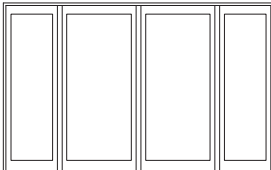
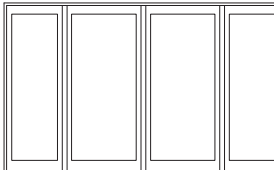
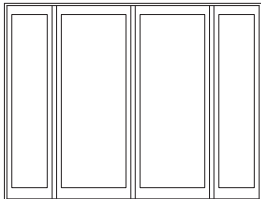
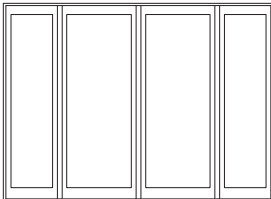
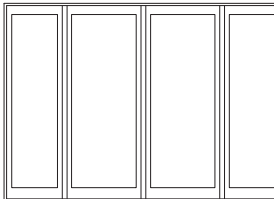
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## Clad Narrow In-swing Patio Doors, cont.

ROUGH FRAME GLASS  6-8 6-7 1/2 67 1/4  6-10 7/8 6-10 3/8 70 1/8  7-11 7/8 7-11 3/8 83 1/8	10-3 7/16 10-2 11/16 17 - 30 1/2 - 17	11-3 7/16 11-2 11/16 23 - 30 1/2 - 23	11-7 7/16 11-6 11/16 25 - 30 1/2 - 25
	 20-64-2068	 26-64-2668	 28-64-2868
	 20-64-20610	 26-64-26610	 28-64-28610
	 20-64-2080	 26-64-2680	 28-64-2880

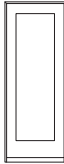
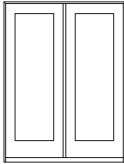
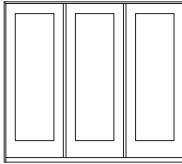
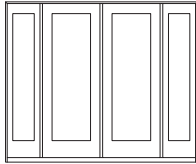
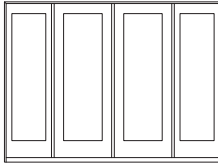
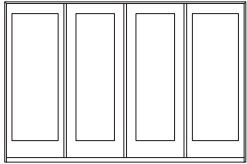
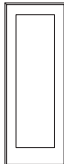
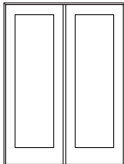
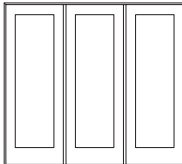
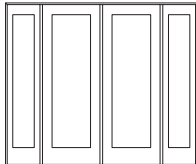
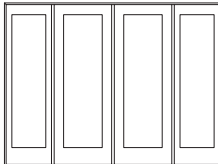
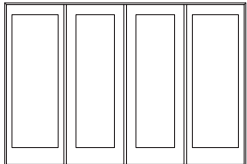
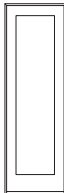
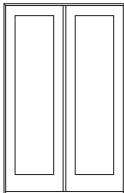
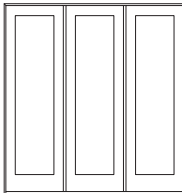
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## Primed In-swing Patio Doors


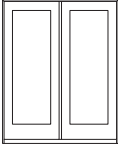
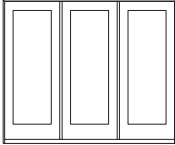
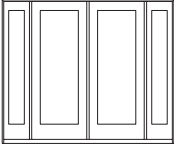





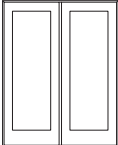
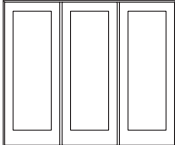
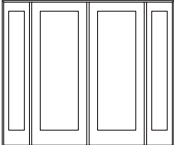






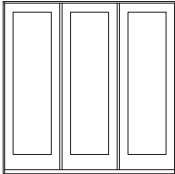




ROUGH FRAME GLASS	2-6 15/16 2-6 3/16 20	5-0 3/4 5-0 20	7-6 9/16 7-5 13/16 20	7-11 7/8 7-11 1/8 11 1/2 - 20 - 11 1/2	9-0 3/8 8-11 5-8 14 - 20 - 14	10-0 3/8 9-11 5-8 20	
	6-8 6-7 1/2 63 7/8	 2668	 5068	 7668	 16-50-1668	 20-50-2068	 26-50-2668
	6-10 7/8 6-10 3/8 66 3/4	 26610	 50610	 76610	 16-50-16610	 20-50-20610	 26-50-26610
7-11 7/8 7-11 3/8 79 3/4	 2680	 5080	 7680				

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## Primed In-swing Patio Doors, cont.

ROUGH FRAME GLASS  6-8 6-7 1/2 63 7/8  6-10 7/8 6-10 3/8 66 3/4  7-11 7/8 7-11 3/8 79 3/4	2-8 15/16 2-8 3/16 22	5-4 3/4 5-4 22	8-0 9/16 7-11 13/16 22	7-11 7/8 7-11 1/8 9 1/2 - 22 - 9 1/2	ROUGH FRAME GLASS  6-8 6-7 1/2 63 7/8  6-10 7/8 6-10 3/8 66 3/4  7-11 7/8 7-11 3/8 79 3/4	1-2 11/16 1-1 15/16 7 1/2	1-4 11/16 1-3 15/16 9 1/2	1-6 11/16 1-5 15/16 11 1/2	2-0 15/16 2-0 3/16 14
									
	2868	5468	8068	14-54-1468		1268	1468	1668	2068
ROUGH FRAME GLASS  6-8 6-7 1/2 63 7/8  6-10 7/8 6-10 3/8 66 3/4  7-11 7/8 7-11 3/8 79 3/4					ROUGH FRAME GLASS  6-8 6-7 1/2 63 7/8  6-10 7/8 6-10 3/8 66 3/4  7-11 7/8 7-11 3/8 79 3/4				
	28610	54610	80610	14-54-14610		12610	14610	16610	20610
									
	2880	5480	8080			1280	1480	1680	2080

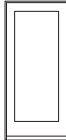
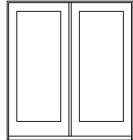
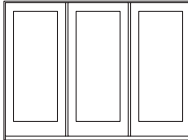
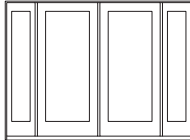
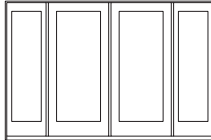
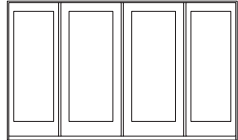
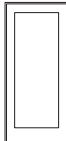
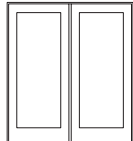
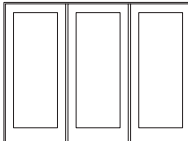
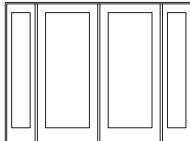
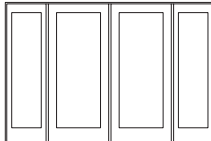
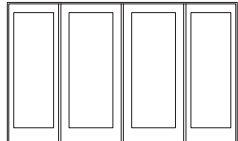
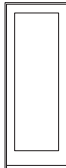
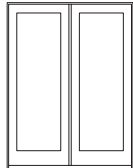
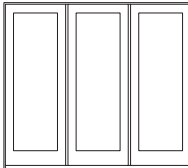
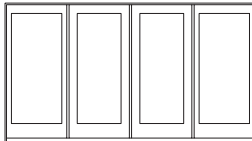
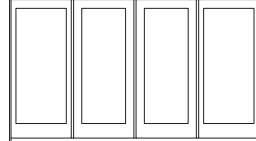
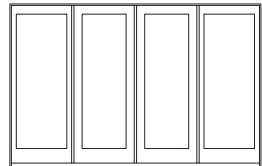
Door handing is determined while standing on the **OUTSIDE** of the door.  
**Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

All sizes and specifications subject to change without notice.



# Pinnacle Patio Doors

## Primed In-swing Patio Doors, cont.

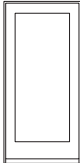
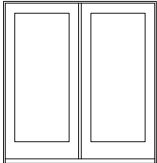
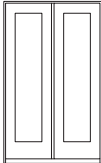
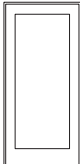
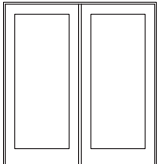
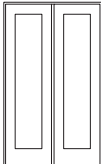
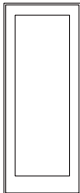
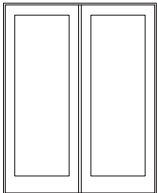
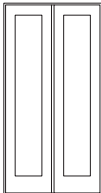
ROUGH FRAME GLASS	3-0 15/16 3-0 3/16 26	6-0 3/4 6-0 26	9-0 9/16 8-11 13/16 26	8-11 7/8 8-11 1/8 11 1/2 - 26 - 11 1/2	10-0 3/8 9-11 5-8 14 - 26 - 14	11-0 3/8 10-11 5-8 20 - 26 - 20
						
	3068	6068	9068	16-60-1668	20-60-2068	26-60-2668
6-8 3/4 6-7 1/2 6-8						
6-11 5/8 6-10 3/8 6-10 7/8						
	30610	60610	90610	16-60-16610	20-60-20610	26-60-26610
8-0 5/8 7-11 3/8 7-11 7/8						
	3080	6080	9080			
ROUGH FRAME GLASS	12-2 1/8 11-11 5-8 12-0 3/8			12-2 1/8 11-11 5-8 12-0 3/8	12-2 1/8 11-11 5-8 12-0 3/8	
						
	30-60-3068			30-60-30610	30-60-3080	
6-8 3/4 6-7 1/2 6-8						
6-11 5/8 6-10 3/8 6-10 7/8						
8-0 5/8 7-11 3/8 7-11 7/8						

Door handing is determined while standing on the **OUTSIDE** of the door.  
**Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

**All sizes and specifications subject to change without notice.**

# Pinnacle Patio Doors

## Primed In-swing Patio Doors, cont.

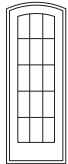
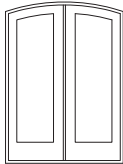
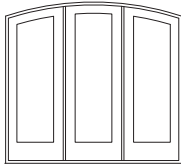
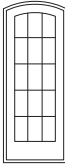
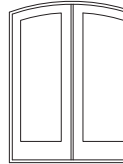
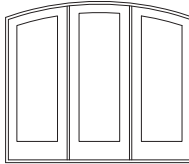
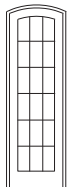

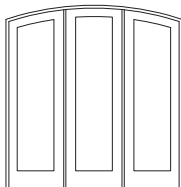
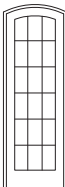
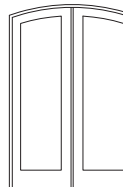
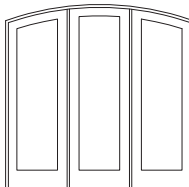
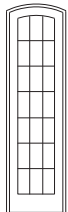

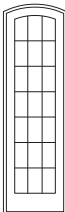
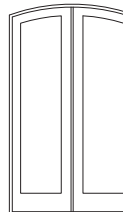
ROUGH FRAME GLASS  6-8 6-7 1/2 63 7/8	3-2 7/16 3-1 11/16 27 1/2	6-3 3/4 6-3 27 1/2	ROUGH FRAME GLASS  6-8 6-7 1/2 63 7/8	4-0 3/4 4-0 14	4068 BI-HINGE ONLY
					
	3268	6468			
6-10 7/8 6-10 3/8 66 3/4			6-10 7/8 6-10 3/8 66 3/4		40610 BI-HINGE ONLY
	32610	64610			
7-11 7/8 7-11 3/8 79 3/4			7-11 7/8 7-11 3/8 79 3/4		4080 BI-HINGE ONLY
	3280	6480			

Door handing is determined while standing on the **OUTSIDE** of the door.  
**Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

All sizes and specifications subject to change without notice.

## Pinnacle Patio Doors

### Clad In-swing Radius Segment Top Patio Doors

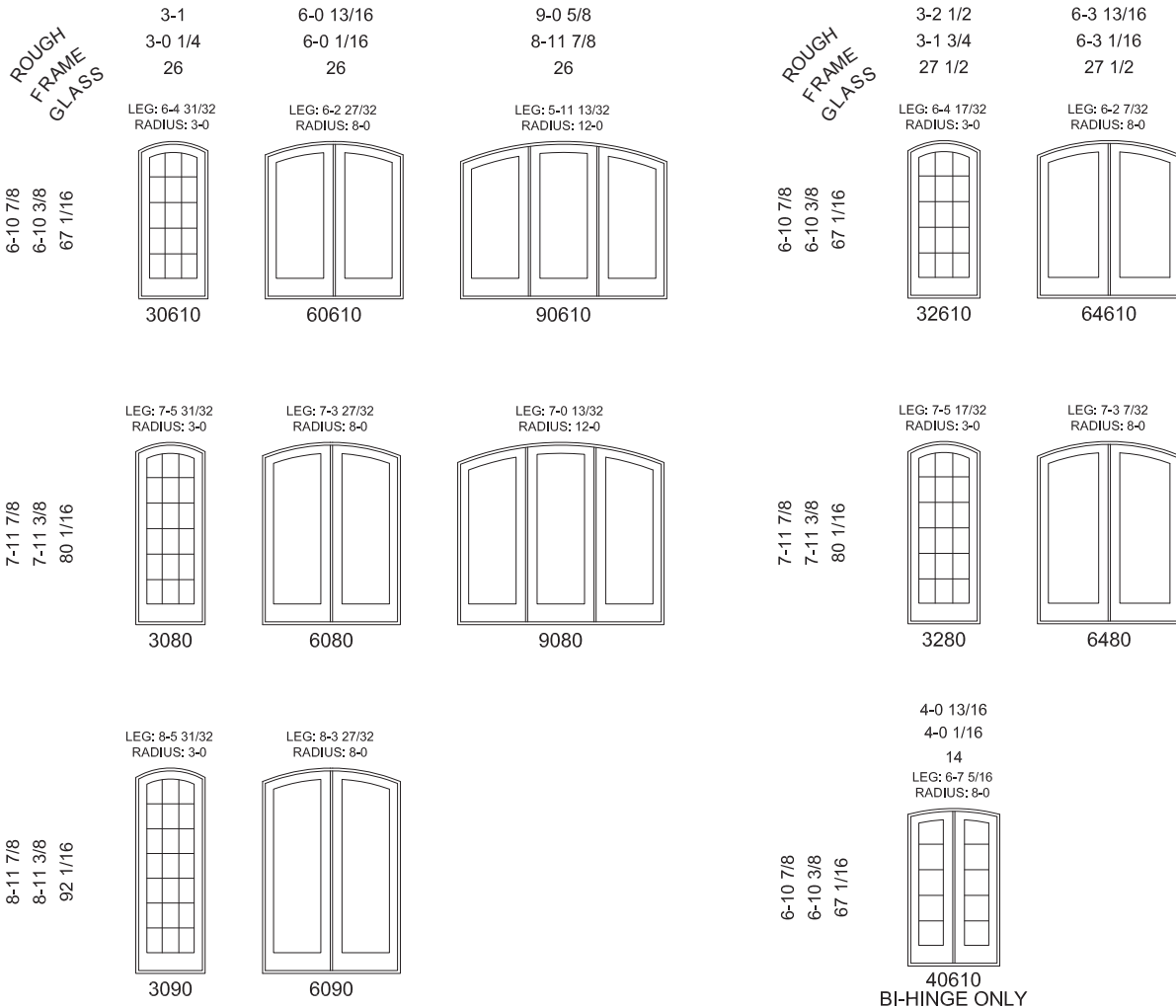
ROUGH FRAME GLASS	2-7 2-6 1/4 20	5-0 13/16 5-0 1/16 20	7-6 5/8 7-5 7/8 20	ROUGH FRAME GLASS	2-9 2-8 1/4 22	5-4 13/16 5-4 1/16 22	8-0 5/8 7-11 7/8 22
	LEG: 6-7 1/32 RADIUS: 3-0	LEG: 6-5 9/16 RADIUS: 8-0	LEG: 6-3 3/16 RADIUS: 12-0		LEG: 6-6 1/16 RADIUS: 3-0	LEG: 6-4 3/8 RADIUS: 8-0	LEG: 6-1 21/32 RADIUS: 12-0
							
	26610	50610	76610		28610	54610	80610
7-11 7/8 7-11 3/8 80 1/16	LEG: 7-8 1/32 RADIUS: 3-0	LEG: 7-6 9/16 RADIUS: 8-0	LEG: 7-4 3/16 RADIUS: 12-0	7-11 7/8 7-11 3/8 80 1/16	LEG: 7-7 1/16 RADIUS: 3-0	LEG: 7-5 3/8 RADIUS: 8-0	LEG: 7-2 21/32 RADIUS: 12-0
							
	2680	5080	7680		2880	5480	8080
8-11 7/8 8-11 3/8 92 1/16	LEG: 8-8 1/32 RADIUS: 3-0	LEG: 8-6 9/16 RADIUS: 8-0		8-11 7/8 8-11 3/8 92 1/16	LEG: 8-7 1/16 RADIUS: 3-0	LEG: 8-5 3/8 RADIUS: 8-0	
							
	2690	5090			2890	5490	

Door handing is determined while standing on the **OUTSIDE** of the door.  
**Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

**All sizes and specifications subject to change without notice.**

## Pinnacle Patio Doors

### Clad In-swing Radius Segment Top Patio Doors, cont.


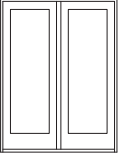
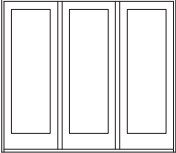
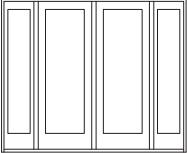
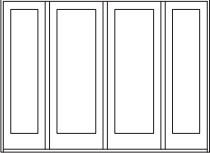
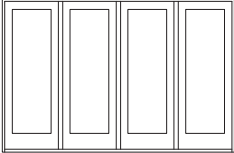

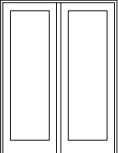
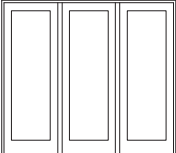
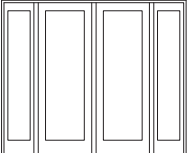
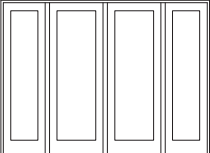
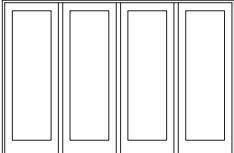

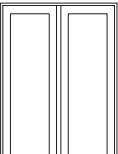
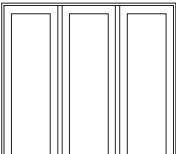

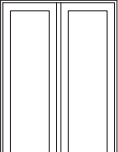

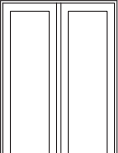


Door handing is determined while standing on the **OUTSIDE** of the door.  
**Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

**All sizes and specifications subject to change without notice.**

# Pinnacle Patio Doors

## Clad Out-swing Patio Doors

ROUGH FRAME GLASS	2-7	5-0 13/16	7-6 5/8	8-0 1/16	9-0 9/16	10-0 9/16
	2-6 1/4 20	5-0 1/16 20	7-5 7/8 20	7-11 5/16 11 1/2 - 20 - 11 1/2	8-11 13/16 14 - 20 - 14	9-11 13/16 20
6-7 1/2 6-7 63 7/8	 2668	 5068	 7668	 16-50-1668	 20-50-2068	 26-50-2668
6-10 3/8 6-9 7/8 66 3/4	 26610	 50610	 76610	 16-50-16610	 20-50-20610	 26-50-26610
7-11 3/8 7-10 7/8 79 3/4	 2680	 5080	 7680			
8-11 3/8 8-10 7/8 91 3/4	 2690	 5090				
9-11 3/8 9-10 7/8 103 3/4	 26100	 50100				

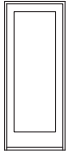
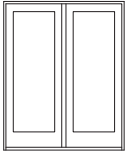
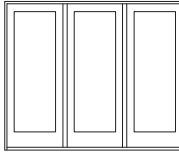
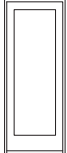
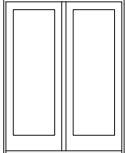
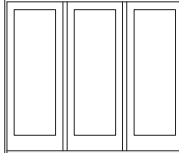
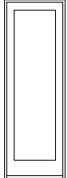
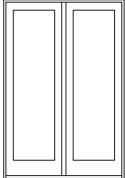
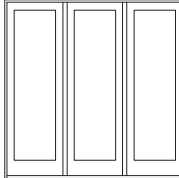
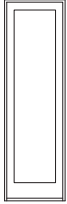
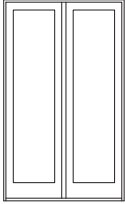
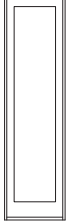
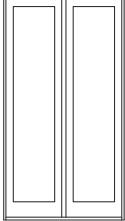
Door handing is determined while standing on the **OUTSIDE** of the door.  
**Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

**All sizes and specifications subject to change without notice.**



# Pinnacle Patio Doors

## Clad Out-swing Patio Doors, cont.


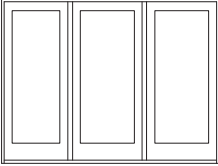
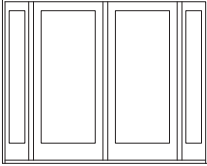
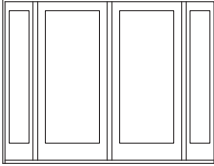

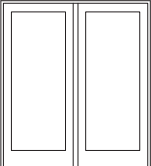

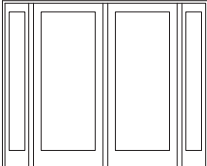
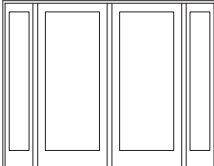

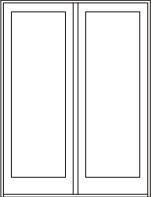
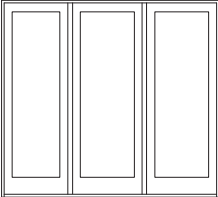
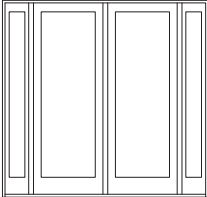
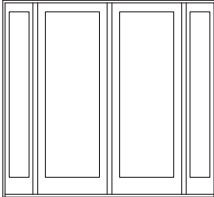

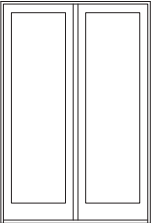

ROUGH FRAME GLASS			
	2-9	5-4 13/16	8-0 5/8
	2-8 1/4	5-4 1/16	7-11 7/8
	22	22	22
6-7 1/2			
6-7	2868	5468	8068
63 7/8			
6-10 3/8			
6-9 7/8	28610	54610	80610
66 3/4			
7-11 3/8			
7-10 7/8	2880	5480	8080
79 3/4			
8-11 3/8			
8-10 7/8	2890	5490	
91 3/4			
9-11 3/8			
9-10 7/8	28100*	54100*	
103 3/4			

Door handing is determined while standing on the **OUTSIDE** of the door.  
**Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

**All sizes and specifications subject to change without notice.**

# Pinnacle Patio Doors

## Clad Out-swing Patio Doors, cont.

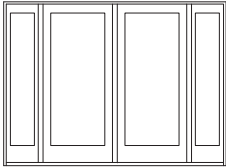
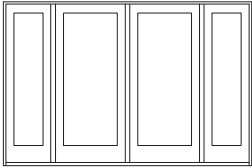
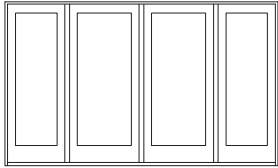
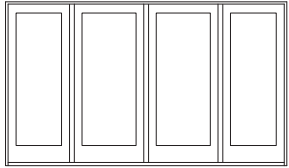
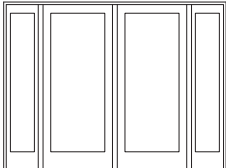
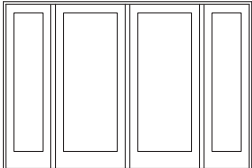
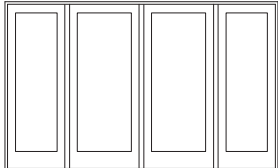
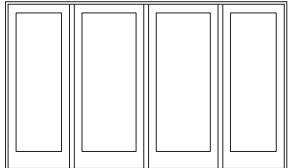
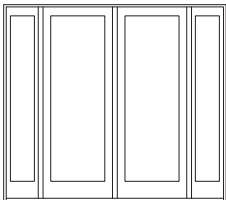
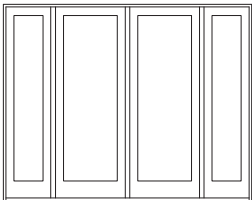
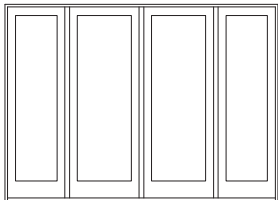
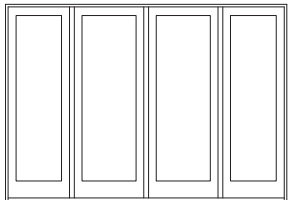
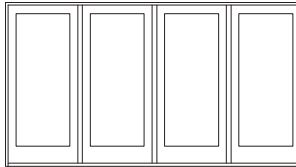
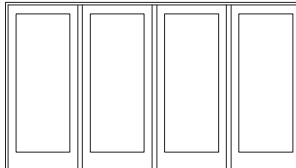
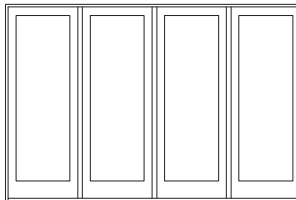
ROUGH FRAME GLASS	3-1 3-0 1/4 26	6-0 13/16 6-0 1/16 26	9-0 5/8 8-11 7/8 26	8-4 1/16 8-3 5/16 7 1/2 - 26 - 7 1/2	8-8 1/16 8-7 5/16 9 1/2 - 26 - 9 1/2
					
	3068	6068	9068	12-60-1268	14-60-1468
					
	30610	60610	90610	12-60-12610	14-60-14610
6-7 1/2 6-7 63 7/8					
6-10 3/8 6-9 7/8 66 3/4					
7-11 3/8 7-10 7/8 79 3/4					
	3080	6080	9080	12-60-1280	14-60-1480
8-11 3/8 8-10 7/8 91 3/4					
	3090	6090			
9-11 3/8 9-10 7/8 103 3/4					
	30100*	60100*			

Door handing is determined while standing on the **OUTSIDE** of the door.  
**Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

**All sizes and specifications subject to change without notice.**

# Pinnacle Patio Doors

## Clad Out-swing Patio Doors, cont.

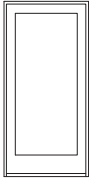
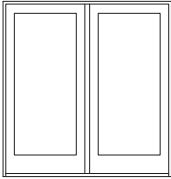
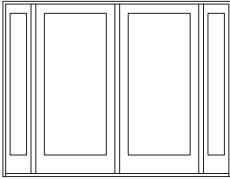
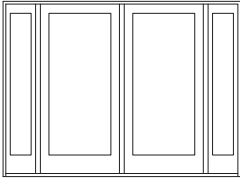
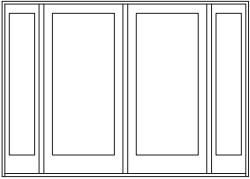
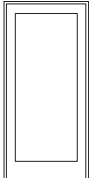
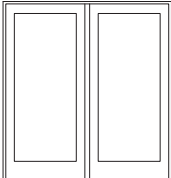
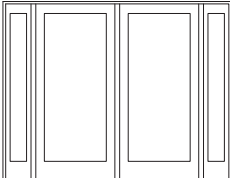
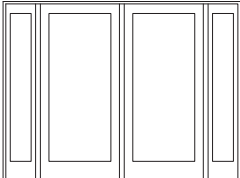
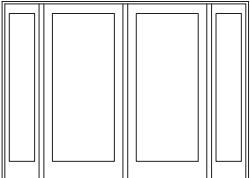
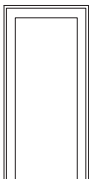
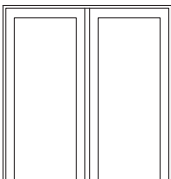
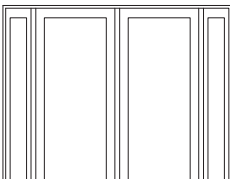
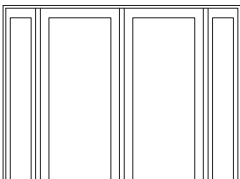
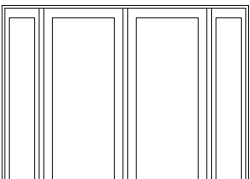
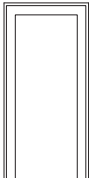
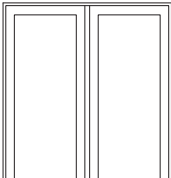
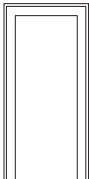
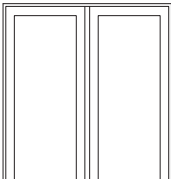
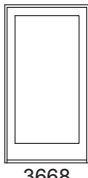
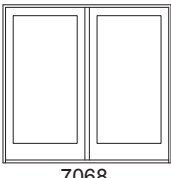
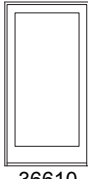
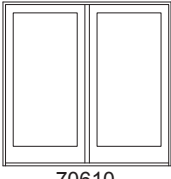
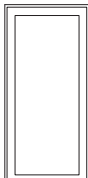
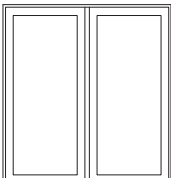
ROUGH FRAME GLASS  6-7 1/2 6-7 63 7/8  6-10 3/8 6-9 7/8 66 3/4  7-11 3/8 7-10 7/8 79 3/4	9-0 1/16 8-11 5/16 11 1/2 - 26 - 11 1/2	10-0 9/16 9-11 13/16 14 - 26 - 14	11-0 9/16 10-11 13/16 20 - 26 - 20	11-4 9/16 11-3 13/16 22-26-22
	 16-60-1668	 20-60-2068	 26-60-3068	 28-30-2868
	 16-60-16610	 20-60-20610	 26-60-30610	 28-60-28610
	 16-60-1680	 20-60-2080	 26-60-3080	 28-60-2880
			ROUGH FRAME GLASS	12-0 9/16 11-11 13/16 26
			6-7 1/2 6-7 63 7/8	 30-30-3068
			6-10 3/8 6-9 7/8 66 3/4	 30-60-30610
			7-11 3/8 7-10 7/8 79 3/4	 30-60-3080

Door handing is determined while standing on the **OUTSIDE** of the door.  
**Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

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# Pinnacle Patio Doors

## Clad Out-swing Patio Doors, cont.

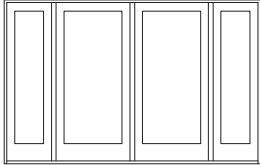
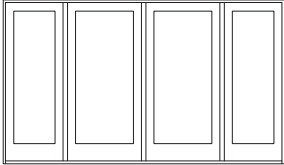
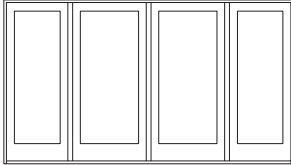
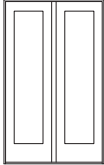
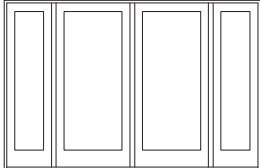
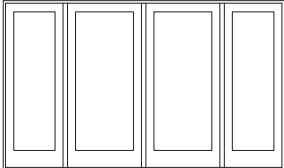
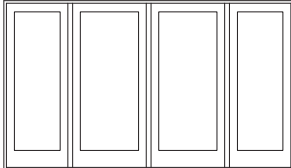
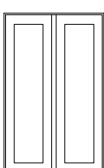
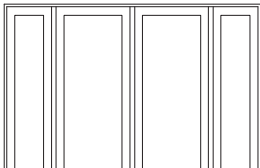
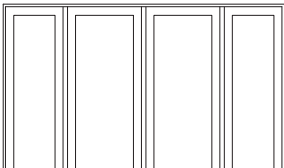
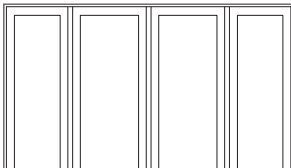
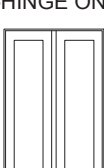
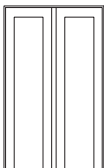
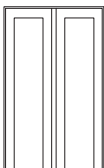
ROUGH FRAME GLASS	3-2 1/2	6-3 13/16	8-7 /16	8-11 1/16	9-3 1/16
	3-1 3/4	6-3 1/16	8-6 5/16	8-10 5/16	9-2 5/16
	27 1/2	27 1/2	7 1/2 - 27 1/2 - 7 1/2	9 1/2 - 27 1/2 - 9 1/2	11 1/2 - 27 1/2 - 11 1/2
6-7 1/2 6-7 63 7/8	 3268	 6468	 12-64-1268	 14-64-1468	 16-64-1668
6-10 3/8 6-9 7/8 66 3/4	 32610	 64610	 12-64-12610	 14-64-14610	 16-64-16610
7-11 3/8 7-10 7/8 79 3/4	 3280	 6480	 12-64-1280	 14-64-1480	 16-64-1680
8-11 3/8 8-10 7/8 91 3/4	 3290	 6490	<div>ROUGH FRAME GLASS</div>		
8-11 3/8 8-10 7/8 91 3/4	 32100	 64100			
6-7 1/2 6-7 63 7/8				 3668	 7068
6-10 3/8 6-9 7/8 66 3/4				 36610	 70610
7-11 3/8 7-10 7/8 79 3/4				 3680	 7080

Door handing is determined while standing on the **OUTSIDE** of the door. **Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

All sizes and specifications subject to change without notice.

# Pinnacle Patio Doors

## Clad Out-swing Patio Doors, cont.

ROUGH FRAME GLASS  6-7 1/2 6-7 63 7/8  6-10 3/8 6-9 7/8 66 3/4  7-11 3/8 7-10 7/8 79 3/4	10-3 9/16 10-2 13/16 14 - 27 1/2 - 14   20-64-2068	11-3 9/16 11-2 13/16 20 - 27 1/2 - 20   26-64-2668	11-7 9/16 11-6 13/16 22 - 27 1/2 - 22   28-64-2868	4-0 9/16 4-0 1/16 14   4068 BI-HINGE ONLY
	 20-64-20610	 26-64-26610	 28-64-28610	 40610 BI-HINGE ONLY
	 20-64-2080	 26-64-2680	 28-64-2880	 4080 BI-HINGE ONLY
				 4090 BI-HINGE ONLY
				 40100* BI-HINGE ONLY

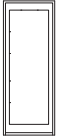
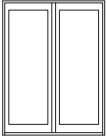
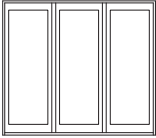
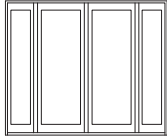
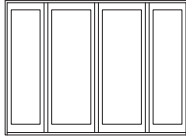
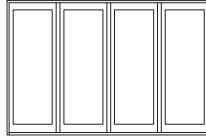
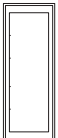
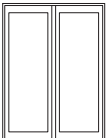
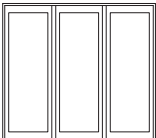
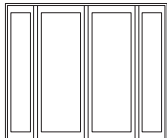
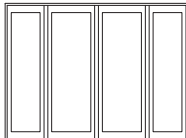
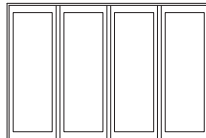
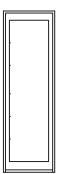
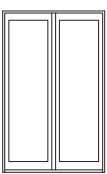
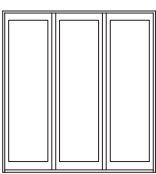

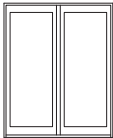
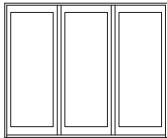

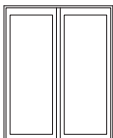
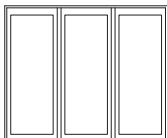

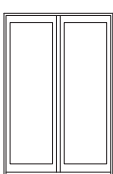
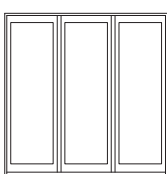
Door handing is determined while standing on the **OUTSIDE** of the door.  
**Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

All sizes and specifications subject to change without notice.



# Pinnacle Patio Doors

## Clad Narrow Out-swing Patio Doors

ROUGH FRAME GLASS	2-7 2-6 1/4 23	5-0 13/16 5-0 1/16 23	7-6 5/8 7-5 7/8 23	8-0 1/16 7-11 5/16 11 1/2 - 23 - 11 1/2	9-0 9/16 8-11 13/16 17 - 23 - 17	10-0 9/16 9-11 13/16 23
	6-7 1/2 6-7 67 1/4	6-10 3/8 6-9 7/8 70 1/8	7-11 3/8 7-10 7/8 83 1/8			
	 2668	 5068	 7668	 16-50-1668	 20-50-2068	 26-50-2668
	 26610	 50610	 76610	 16-50-16610	 20-50-20610	 26-50-26610
	 2680	 5080	 7680			
ROUGH FRAME GLASS	2-9 2-8 1/4 25	5-4 13/16 5-4 1/16 25	8-0 5/8 7-11 7/8 25			
	6-7 1/2 6-7 67 1/4	6-10 3/8 6-9 7/8 70 1/8	7-11 3/8 7-10 7/8 83 1/8			
	 2868	 5468	 8068			
	 28610	 54610	 80610			
	 2880	 5480	 8080			

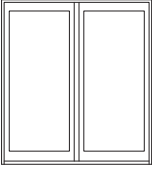
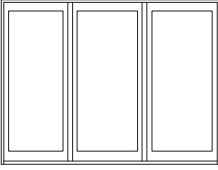
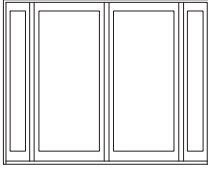
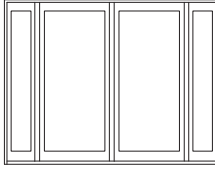

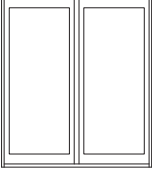

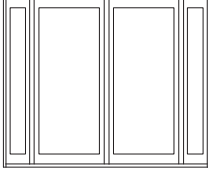
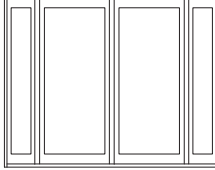

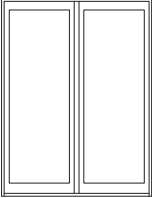
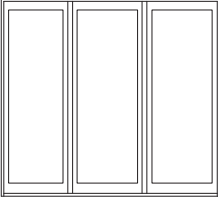
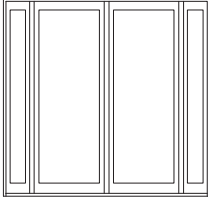
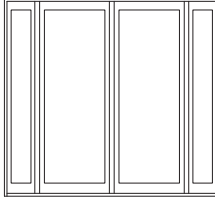
Door handing is determined while standing on the **OUTSIDE** of the door. **Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right. The active panel (X) can be placed in any position and hinged in either direction, left (XL) or right (XR). The remaining panel(s) must be in a fixed position.

For doors with handicap sill, subtract 1-3/8" from frame and rough opening heights.

**All sizes and specifications subject to change without notice.**

# Pinnacle Patio Doors

## Clad Narrow Out-swing Patio Doors, cont.

ROUGH FRAME GLASS	3-1	6-0 13/16	9-0 5/8	8-4 1/16	8-8 1/16
	3-0 1/4	6-0 1/16	8-11 7/8	8-3 5/16	8-7 5/16
	29	29	29	7 1/2 - 29 - 7 1/2	9 1/2 - 29 - 9 1/2
	6-7 1/2	6-7	67 1/4		
6-7 1/2 6-7 67 1/4					
	3068	6068	9068	12-60-1268	14-60-1468
6-10 3/8 6-9 7/8 70 1/8					
	30610	60610	90610	12-60-12610	14-60-14610
7-11 3/8 7-10 7/8 83 1/8					
	3080	6080	9080	12-60-1280	14-60-1480

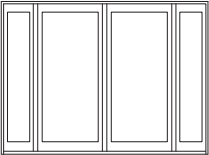
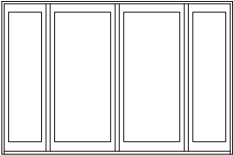
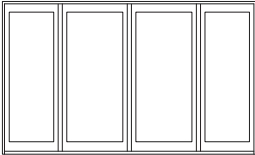
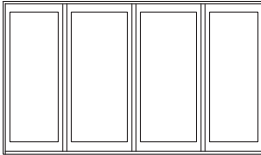
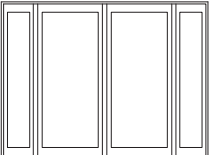
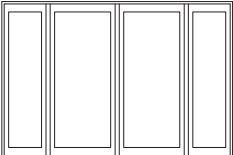
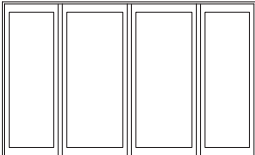
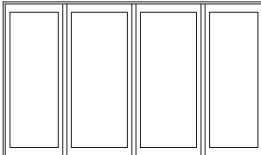
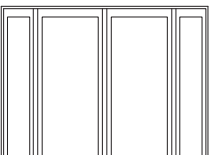
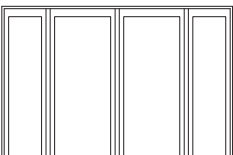
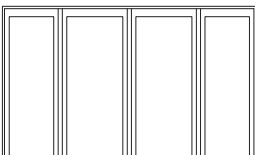
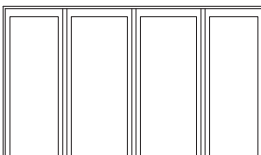
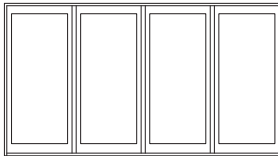
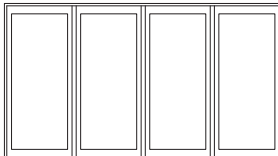
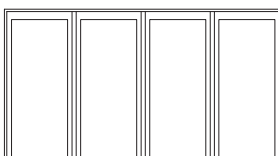
Door handing is determined while standing on the **OUTSIDE** of the door. **Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right. The active panel (X) can be placed in any position and hinged in either direction, left (XL) or right (XR). The remaining panel(s) must be in a fixed position.

For doors with handicap sill, subtract 1-3/8" from frame and rough opening heights.

**All sizes and specifications subject to change without notice.**

# Pinnacle Patio Doors

## Clad Narrow Out-swing Patio Doors, cont.

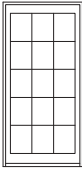
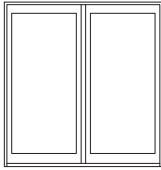
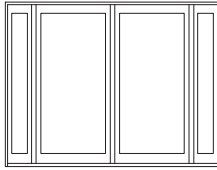
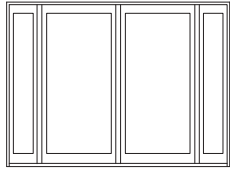
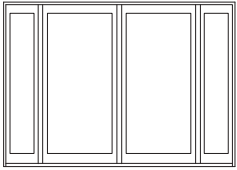
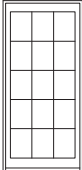
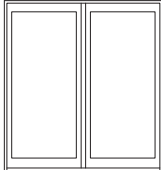
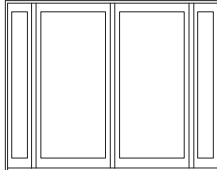
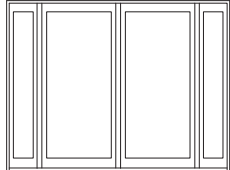
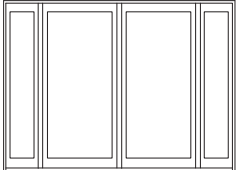
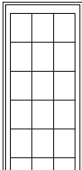
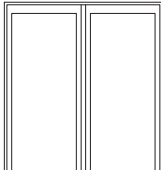
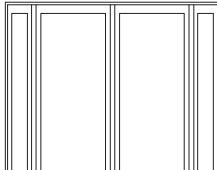
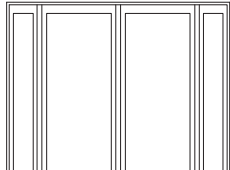
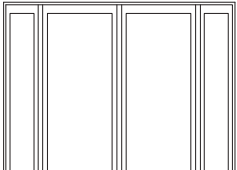
ROUGH FRAME GLASS  6-7 1/2 6-7 67 1/4  6-10 3/8 6-9 7/8 70 1/8  7-11 3/8 7-10 7/8 83 1/8	9-0 1/16 8-11 5/16 11 1/2 - 29 - 11 1/2	10-0 9/16 9-11 13/16 17 - 29 - 17	11-0 9/16 10-11 13/16 23 - 29 - 23	11-4 9/16 11-3 13/16 25 - 29 - 25
				
	16-60-1668	20-60-2068	26-60-3068	28-60-2868
				
	16-60-16610	20-60-20610	26-60-30610	28-60-28610
				
	16-60-1680	20-60-2080	26-60-3080	28-60-2880
ROUGH FRAME GLASS  6-7 1/2 6-7 67 1/4  6-10 3/8 6-9 7/8 70 1/8  7-11 3/8 7-10 7/8 83 1/8				
12-0 9/16 11-11 13/16 29				
				
30-30-3068				
				
30-60-30610				
				
30-60-3080				

Door handing is determined while standing on the **OUTSIDE** of the door. **Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right. The active panel (X) can be placed in any position and hinged in either direction, left (XL) or right (XR). The remaining panel(s) must be in a fixed position.

For doors with handicap sill, subtract 1-3/8" from frame and rough opening heights.

# Pinnacle Patio Doors

## Clad Narrow Out-swing Patio Doors, cont.

ROUGH FRAME GLASS	3-2 1/2	6-3 13/16	8-7 1/16	8-11 1/16	9-3 1/16
	3-1 3/4	6-3 1/16	8-6 5/16	8-10 5/16	9-2 5/16
	30 1/2	30 1/2	7 1/2 - 30 1/2 - 7 1/2	9 1/2 - 30 1/2 - 9 1/2	11 1/2 - 30 1/2 - 11 1/2
6-7 1/2 6-7 67 1/4	 3268	 6468	 12-64-1268	 14-64-1468	 16-64-1668
6-10 3/8 6-9 7/8 70 1/8	 32610	 64610	 12-64-12610	 14-64-14610	 16-64-16610
7-11 3/8 7-10 7/8 83 1/8	 3280	 6480	 12-64-1280	 14-64-1480	 16-64-1680

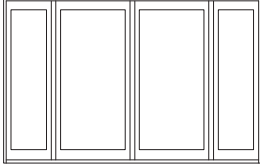
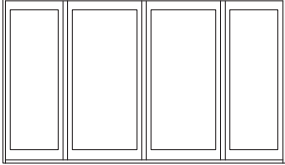
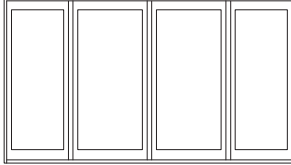
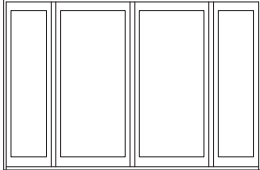
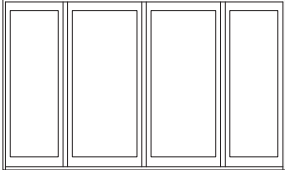
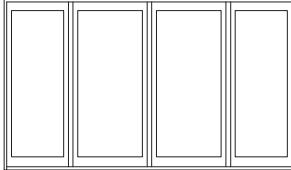
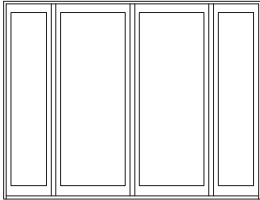
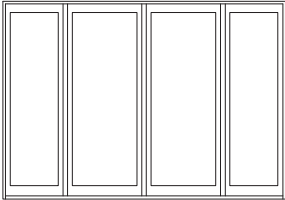
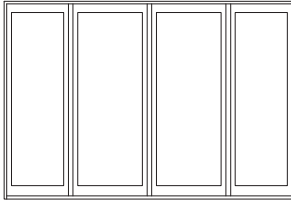
Door handing is determined while standing on the **OUTSIDE** of the door. **Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right. The active panel (X) can be placed in any position and hinged in either direction, left (XL) or right (XR). The remaining panel(s) must be in a fixed position.

For doors with handicap sill, subtract 1-3/8" from frame and rough opening heights.

**All sizes and specifications subject to change without notice.**

# Pinnacle Patio Doors

## Clad Narrow Out-swing Patio Doors, cont.

ROUGH FRAME GLASS  6-7 1/2 6-7 67 1/4  6-10 3/8 6-9 7/8 70 1/8  7-11 3/8 7-10 7/8 83 1/8	10-3 9/16 10-2 13/16 17 - 30 1/2 - 17	11-3 9/16 11-2 13/16 23 - 30 1/2 - 23	11-7 9/16 11-6 13/16 25 - 30 1/2 - 25
	 20-64-2068	 26-64-2668	 28-64-2868
	 20-64-20610	 26-64-26610	 28-64-28610
	 20-64-2080	 26-64-2680	 28-64-2880
















Door handing is determined while standing on the **OUTSIDE** of the door. **Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right. The active panel (X) can be placed in any position and hinged in either direction, left (XL) or right (XR). The remaining panel(s) must be in a fixed position.

For doors with handicap sill, subtract 1-3/8" from frame and rough opening heights.



## Pinnacle Patio Doors

### Clad Narrow Out-swing Patio Doors, cont.

ROUGH FRAME GLASS	1-3	1-5	1-7	2-1 1/4	ROUGH FRAME GLASS	4-0 9/16
	1-2	1-4	1-6	2-0 1/4		4-0 1/16
	7 1/2	9 1/2	11 1/2	17		17
6-7 1/2 6-7 67 1/4						4068 BI-HINGE ONLY
	1268	1468	1668	2068		
6-10 1/2 6-9 7/8 70 1/8						40610 BI-HINGE ONLY
	12610	14610	16610	20610		
7-11 1/2 7-10 7/8 83 1/8						4080 BI-HINGE ONLY
	1280	1480	1680	2080		

















Door handing is determined while standing on the **OUTSIDE** of the door. **Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right. The active panel (X) can be placed in any position and hinged in either direction, left (XL) or right (XR). The remaining panel(s) must be in a fixed position.

For doors with handicap sill, subtract 1-3/8" from frame and rough opening heights.

**All sizes and specifications subject to change without notice.**

## Pinnacle Patio Doors

### Clad Narrow Out-swing Patio Doors, cont.

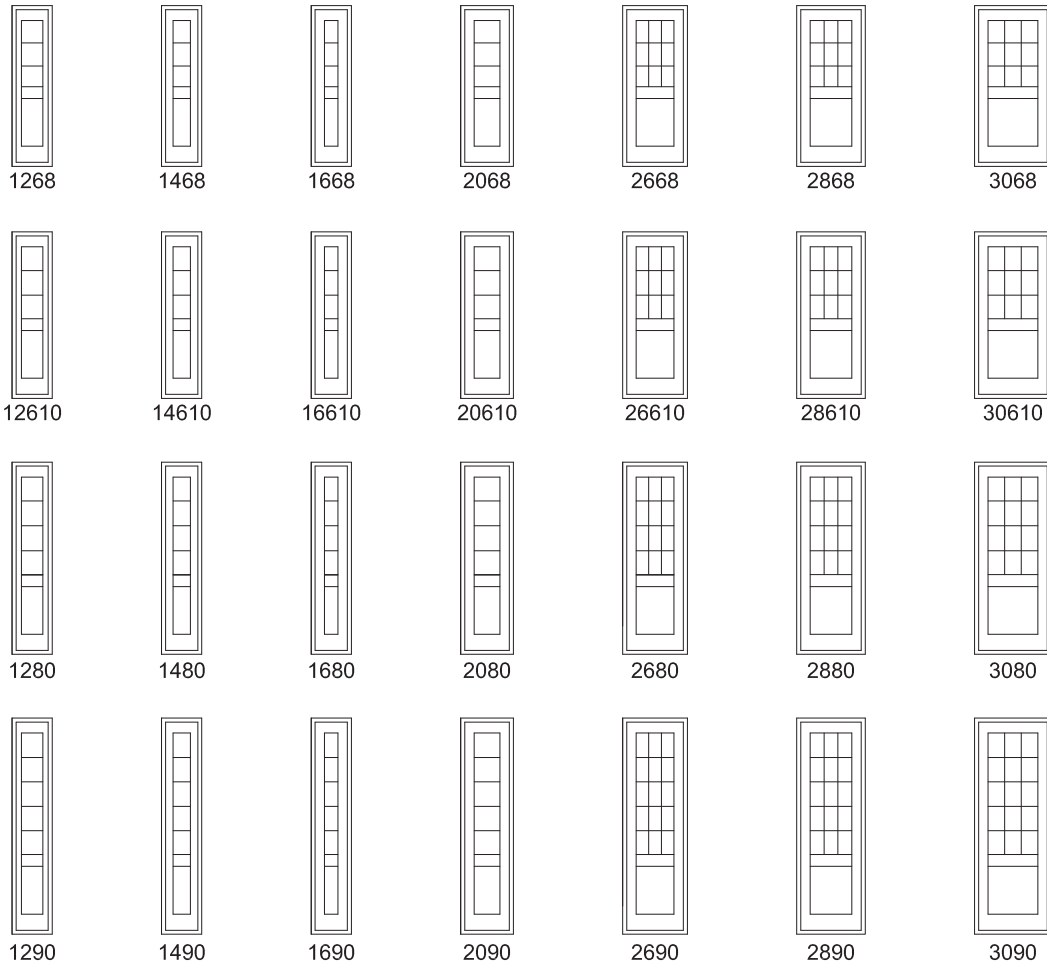
ROUGH FRAME GLASS	1-3	1-5	1-7	2-1 1/4
	1-2	1-4	1-6	2-0 1/4
	7 1/2	9 1/2	11 1/2	14
6-7 1/2 6-7 63 7/8				
	1268	1468	1668	2068
6-10 1/2 6-9 7/8 66 3/4				
	12610	14610	16610	20610
7-11 1/2 7-10 7/8 79 3/4				
	1280	1480	1680	2080
8-11 1/2 8-10 7/8 91 3/4				
	1290	1490	1690	2090

Door handing is determined while standing on the **OUTSIDE** of the door. **Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right. The active panel (X) can be placed in any position and hinged in either direction, left (XL) or right (XR). The remaining panel(s) must be in a fixed position.

For doors with handicap sill, subtract 1-3/8" from frame and rough opening heights.

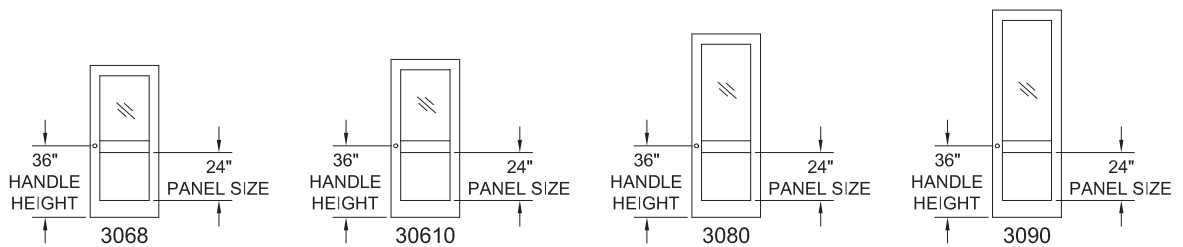
# Pinnacle Patio Doors

## 1/2 Lite Panel Doors



## Pinnacle

### Panel Height & Midrail Locations

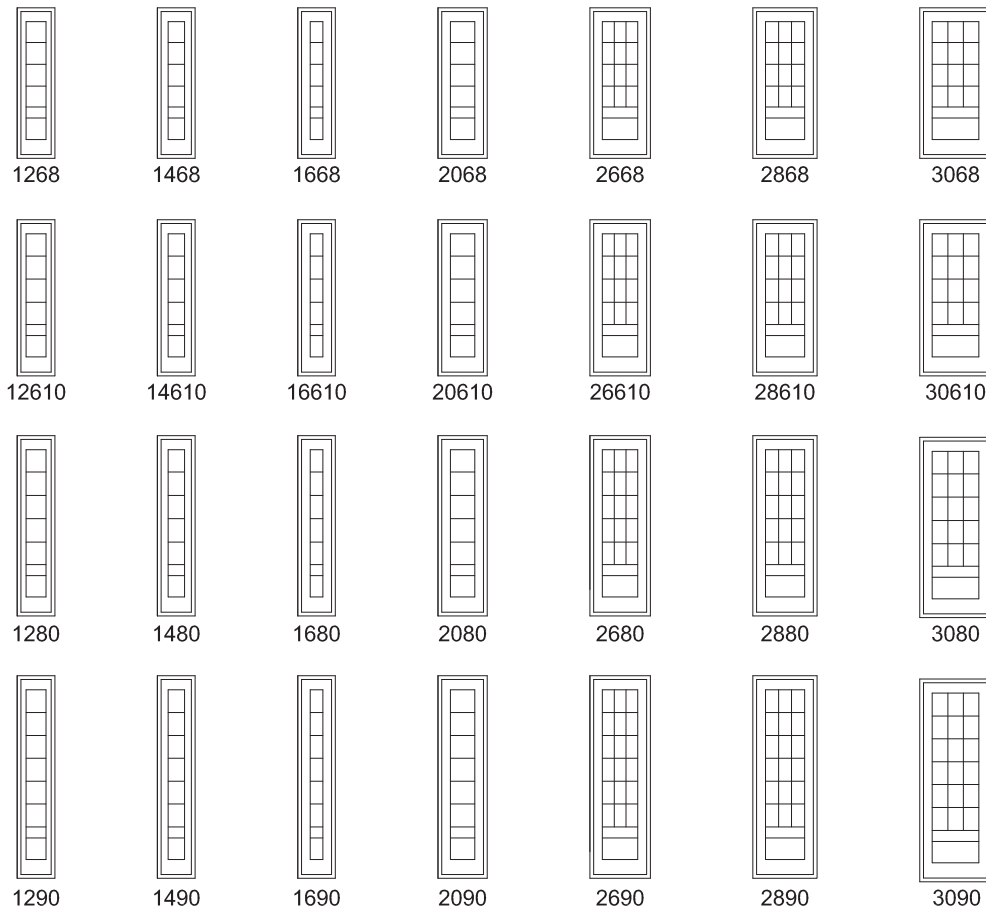


Door handing is determined while standing on the **OUTSIDE** of the door.  
**Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

All sizes and specifications subject to change without notice.

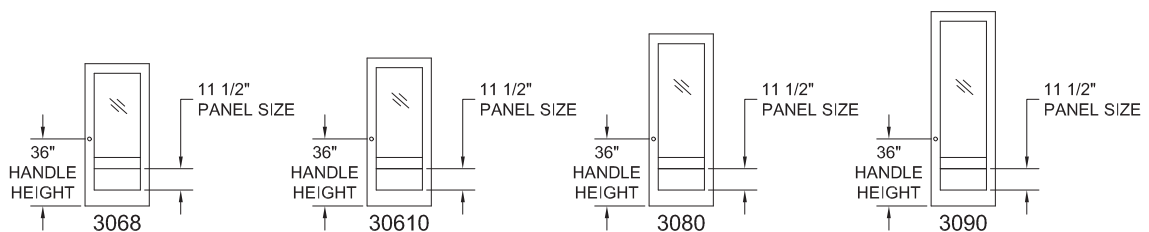
# Pinnacle Patio Doors

## 3/4 Lite Panel Doors



## Pinnacle

### Panel Height & Midrail Locations



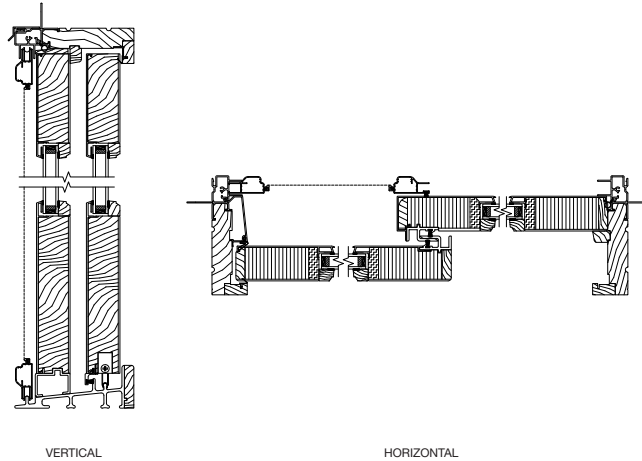
Door handing is determined while standing on the **OUTSIDE** of the door.  
**Left hand door:** Hinges are on the left. **Right hand door:** Hinges are on the right.

**All sizes and specifications subject to change without notice.**

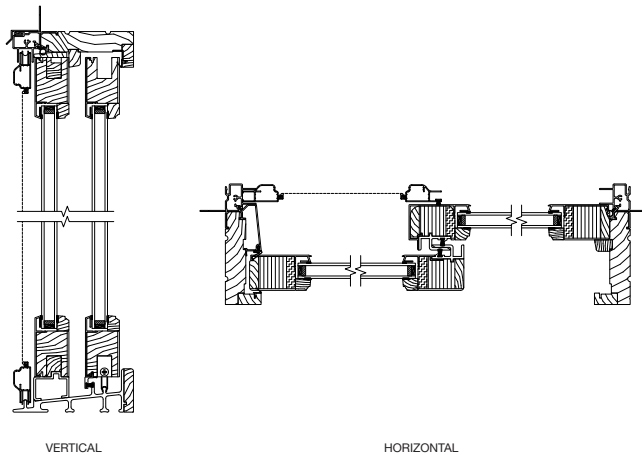
# Pinnacle Sliding Patio Doors

## Technical Drawings

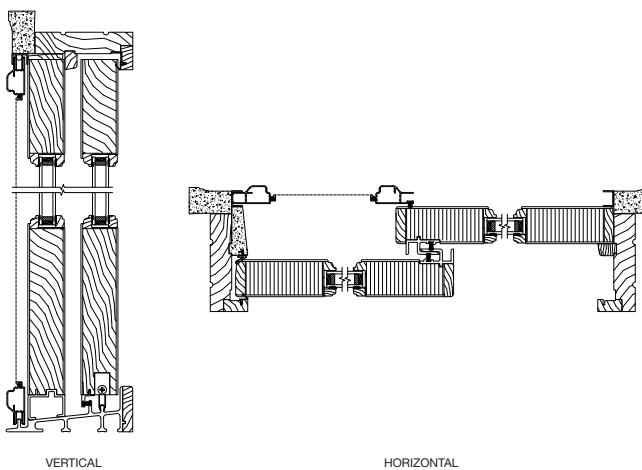
### Pinnacle Clad French Sliding Patio Door



### Pinnacle Clad Narrow Sliding Patio Door



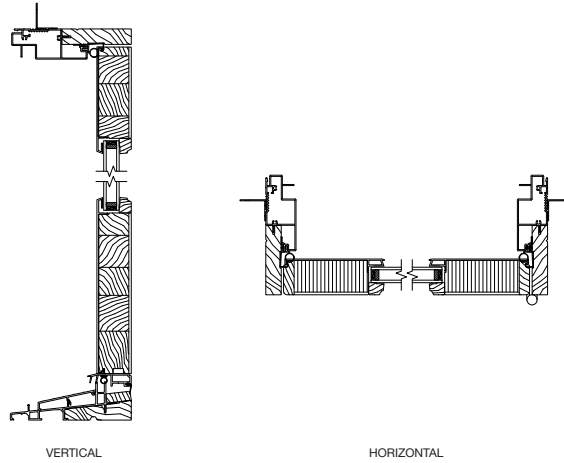
### Pinnacle Primed Sliding Patio Door



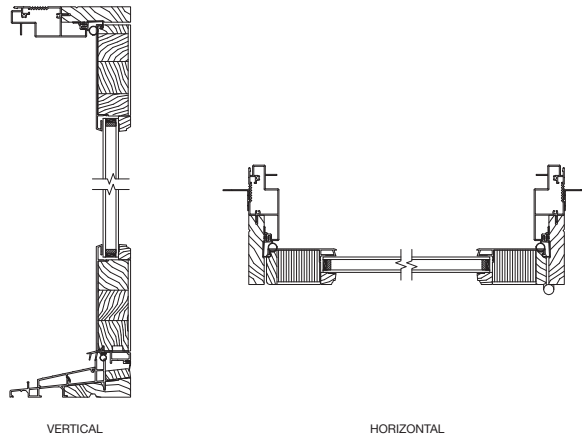
# Pinnacle In-swing Patio Doors

## Technical Drawings

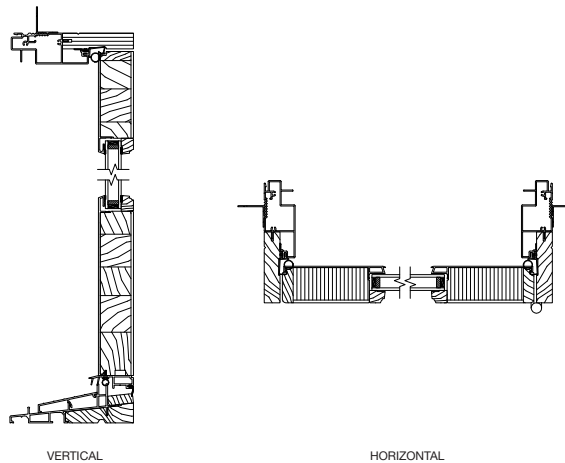
### Pinnacle Clad In-swing Patio Door



### Pinnacle Clad Narrow In-swing Patio Door



### Pinnacle Clad Segment Top In-swing Patio Door

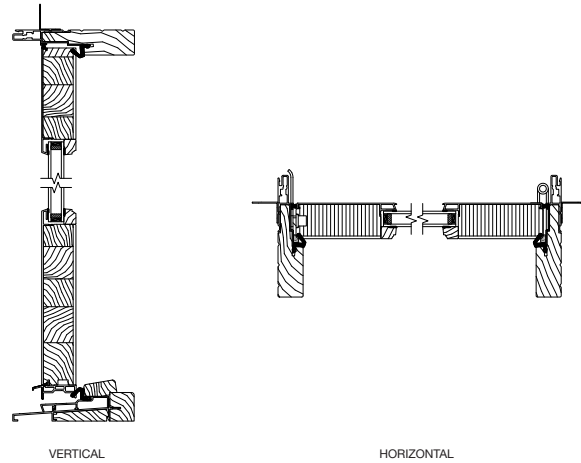




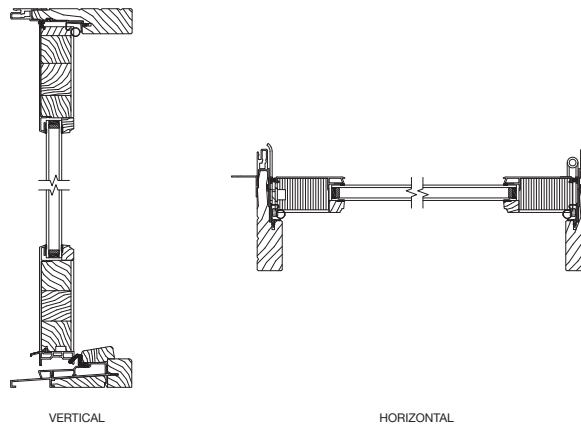
# Pinnacle Out-swing Patio Doors

## Technical Drawings

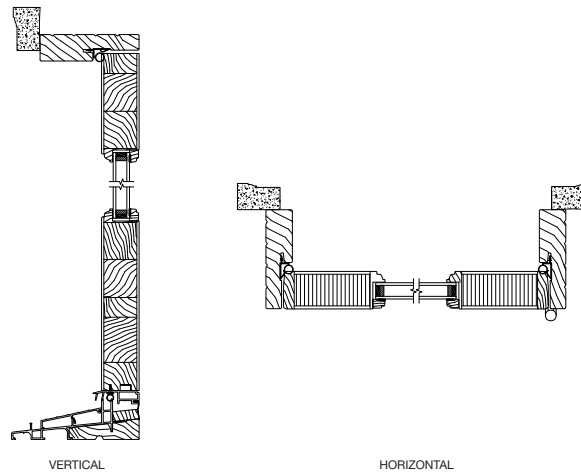
### Pinnacle Clad Out-swing Patio Door



### Pinnacle Clad Narrow Out-swing Patio Door



### Pinnacle Primed In-swing Patio Door







**Windsor Windows & Doors has distinct product lines for every application.** New construction. Room additions.

Window replacement. Windsor has the solutions to help meet any home building or home improvement need.

Discover all of the products we have to offer.

# Make every project a success.



## Pinnacle

The strength and beauty of natural wood define our elite Pinnacle line of products. Crafted from the finest pine, alder and fir, Pinnacle windows and doors add a measure of elegance to any home.

From subtle to showy, Pinnacle products are endlessly customizable through an array of finishes, hardware, shapes, grille options, cladding colors, glass and trim options, allowing the perfect window or door to be created.

Homeowners can choose from the technologically advanced Pinnacle Select, the durable and damage resistant Pinnacle wood clad or Pinnacle primed, which arrives ready to be painted.

## Legend

Legend products are constructed from solid cellular PVC, creating the traditional look and feel of painted wood with the low maintenance and strong durability of vinyl. Our windows are protected against rotting, warping, cracking or swelling with a 25-year warranty. Legend products are well suited for both new construction and historical renovation.

Legend HBR products combine the strength and durability of our Legend cellular PVC frame with a wood clad sash. This powerful hybrid offers a low-maintenance exterior with a beautiful wooden interior.

## Next Dimension

Next Dimension Signature windows and doors are robust, reliable products that offer the resilience of extruded multi-chambered vinyl. Enhanced components and sturdy construction add strength and stability. Homeowners enjoy exceptional performance and energy efficiency.

Next Dimension Classic is available in single and double hung units, sliders and sliding patio doors. What makes Next Dimension Classic unique is its sloped sill, tilt sash, brickmould profile frame and decorative features, such as a profiled inner grille and simulated divided lite.

Next Dimension Pro vinyl windows and patio doors are designed for light commercial, multi-family and residential applications, all at a highly competitive price. Vinyl extrusions ensure superior weathering, durability and color retention. Construction features are built in to reduce maintenance, add strength and security, and maximize weather resistance.

All Next Dimension vinyl products are available in white or clay, as well as seven painted exterior colors (white, ivory, tan, bronze, cinnamon, hunter green and black). Our vinyl windows are highly rated for performance and many even offer commercially rated performance. All of our vinyl products are low maintenance and are backed by a lifetime limited warranty.

## Revive™ Pocket Replacement Windows

There's a lot to love about a home – its unique character, timeless details and genuine craftsmanship. Drafty, unsightly windows can easily steal away from the beauty of these features. That's where Revive pocket replacement windows come into the picture.

Each window can be transformed with stunning Windsor quality in about an hour – with fewer worries about disturbing any treasured wood trim or other interior and exterior features. And because they're meticulously built to order with customizable features in three high-quality materials (wood clad, hybrid and vinyl), Windsor Revive pocket replacement windows are a fast, uncomplicated upgrade.

## Revive Sash Replacement Kit

Replace old, drafty, inefficient double hung sashes with energy efficient, dual pane sashes. Windsor's Revive Sash Replacement Kit makes updating easy, allowing homeowners to leave existing interior trim and plaster in place. Choose from three different replacement sashes: versatile primed wood, durable aluminum clad or low-maintenance cellular PVC. Revive sashes feature EZ Tilt, which provides fast access for hassle-free cleaning.

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For more information on all of our products, visit us at [www.windsorwindows.com](http://www.windsorwindows.com).



CONNECT WITH US



900 South 19th Street, West Des Moines, IA 50265 • 515.223.6660 • 800.218.6186  
2210 Stafford Street Extension, Monroe, NC 28110 • 704.283.7459 • 800.205.5665

[www.windsorwindows.com](http://www.windsorwindows.com)

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