

NEW

NEXT DIMENSION

Vinyl Windows & Doors





Table of Contents

The Versatility of Vinyl	
Casement & Awning	6
Single Hung	7
Slider	8
Double Hung	9
Direct Set & Radius	10
Sliding Patio Doors	
French Sliding Patio Doors	
IMPACT Products	
Our Quality is in the Details	17
Options & Accessories18-	
Size Specifications & Technical Drawings24-	-53

A Vinyl Solution for Every Coastal Project

Windsor Windows & Doors' New Next Dimension line of products are constructed with extreme weatherability in mind. By combining the durability of vinyl with the enhanced construction of impact-rated glass and materials, you can enjoy the beauty of your home for years to come.

Windsor has been developing unique home solutions for more than 75 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 vinyl products for new construction, remodeling or light commercial applications located on or near the coast without sacrificing quality or you budget.

Your Vision...Our Passion



The Versatility of Vinyl

Convenience meets dependability with New Next Dimension windows and doors from Windsor. Advanced vinyl technology ensures easy operation, superior energy efficiency, low maintenance and high performance. And, with several hardware and finish options available, New Next Dimension offers a vinyl solution for any application.

State-of-the-Art Lisec® Glass Fabrication Equipment

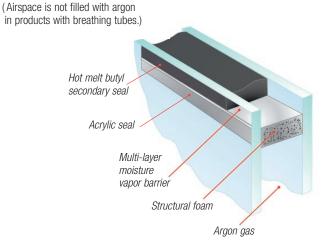
Our highly-automated glass line requires no manual manipulation – dramatically reducing seal failures caused by human contact with the glass – while our robotic equipment provides an incredible level of accuracy for a fast and efficient material flow.

Super Spacer® Technology

Super Spacer dual-seal moisture barrier technology provides one of the most thermally efficient spacers in the marketplace. All-foam Super Spacer reduces heat and cold conduction, which results in more comfortable living for homeowners and fewer callbacks for builders.

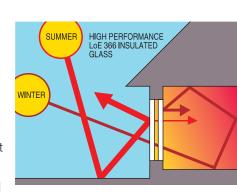
Super Spacer®

Reverse dual-seal technology



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.

The New Next Dimension product line comes standard with 7/8" double pane exterior glazed insulated glass with Cardinal® LoE 366. For increased thermal performance, 1-1/4" triple insulated glass is also available, in addition to tinted, tempered, obscure and laminated glass.

All New Next Dimension Impact products come standard with 1" Cardinal® Sea-Storm® glass.

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 at www.windsorwindows.com.

Warranty

Our New Next Dimension products are backed by a Lifetime Limited Warranty; one of the most comprehensive warranty coverages offered in the industry. For more specific information, go to www.windsorwindows.com.





Casement & Awning

Our New Next Dimension casement windows are designed with easy operation in mind, allowing you to bring the outdoors inside. With a triple weather-stripped sash that ensures maximum contact around the entire sash perimeter, our casement windows boast exceptional air infiltration performance and superior energy efficiency.

A low profile sash and frame sightlines provide a contemporary look and feel, complete with a sleek low profile lock handle that includes folding/nesting crank cover in both traditional and contemporary styles.



Single Hung

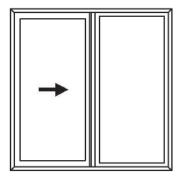
Conventional beauty that performs as well as it looks. With a long list of features and options to suit your aesthetic vision, combined with the durability and easy operation of vinyl, our New Next Dimension single hung windows offer years of functional good looks.

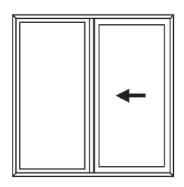
Features include a high-performance, non-wept sloped sill and a triple weather-stripped sash to prevent unwanted air infiltration and superior energy efficiency. A constant force balance system creates smooth, effortless operation and a tilt bottom sash makes the unit easier to clean than ever.

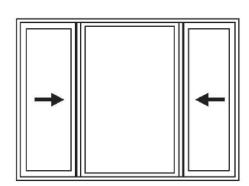


Slider

Slide your way to style. A sleek look and effortless opening and closing make the New Next Dimension slider a perfect fit for your home. Triple weather-stripped sash and fusion-welded sash lock and interlocking check rail create a tight seal for improved weather performance. Available in OX, XO and XOX handing, the slider features tandem rollers for smooth and effortless operation.









Double Hung

Convenience and durable performance in a traditionally styled package. That's what you can expect from the New Next Dimension double hung windows. Our double hung windows feature an integral lift/pull handle and tilting top and bottom sashes that make cleaning a breeze. Constant force balances provide smooth, effortless operation.

With convenience comes years of strength and energy efficiency. As an alternative to traditional nails or screws, we utilize a fusion welding process in the frame and sash corners to increase strength



Interlock Extender

and leak-resistance. Additional energy saving and weatherproofing features include the Windsor Glazing System, thick, multichambered vinyl extrusions and a unique interlock extension that provides full interlock contact and pile weather-strip compression from side jamb to side jamb.



Direct Set & Radius

Add a touch of personality to your traditional style with our New Next Dimension direct set and radius windows. With availability in round, half round, seg top, round top, rectangle, triangle, trapezoid and other radius and geometric shapes, our direct set and radius windows offer a variety of low profile and contemporary styles to complement any design.





Sliding Patio Doors

The door to beauty is wide open. The New Next Dimension sliding patio doors are built to provide easy sliding, every time you open or close them.

New Next Dimension sliding patio doors are designed with 4-5/8" frame width designed for both new construction and replacement applications. Building on the ease-of-use and long-lasting performance of all Next Dimension products, our sliding patio doors feature an extruded aluminum threshold cover to protect against debris buildup, in addition to a full perimeter heavy-duty weather stripping and a deep pocket integral interlock for a superior seal against the elements. Strength shines through with internal reinforced stiles for added stability to the door panel while exterior glazing provides improved structural performance. Plus, you'll enjoy all the long-lasting performance and beauty afforded by the New Next Dimension line of vinyl products. Available in OX, XO, OXO and OXXO handing.



French Sliding Patio OORS

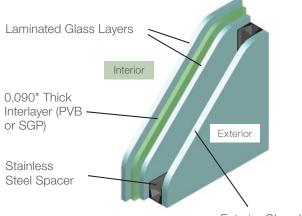
Conventional aesthetic meets modern design. Enjoy the classic appeal of French style panels with the smooth, sliding operation and longlasting durability of vinyl construction. Featuring 4" internal reinforced stiles and rails in an overall frame width of 4-5/8", the New Next Dimension French sliding patio doors are perfect for new construction or replacement projects.

Our French slider includes full perimeter heavy-duty weatherstripping and a deep pocket integral interlock for superior weatherability against the elements, while an extruded aluminum threshold cover further protects the sill and prevents debris buildup. Whether your style is traditional or contemporary, New Next Dimension French sliding patio doors are the perfect complement to any home's décor.



Perfect for Any Coastal Project

The New Next Dimension product line offers a complete line of impact rated coastal products manufactured to withstand the unique challenges of the coastal climate while maintaining their stunning beauty for years to come. Impact products also utilize Cardinal® Sea-Storm® laminated glass, designed specially to protect against the harshest wind, rain and flying debris.











IMPACT Casement & Awning

New Next Dimension's Impact line of casement and awning windows boasts the same ease of operation and durability of vinyl construction with added weatherability for even the most extreme coastal environments. Fusion-welded frame and triple weather-stripped sash provide maximum weather-tight construction and exceptional air-infiltration performance.

IMPACT Single Hung

Experience the classic features and customization of New Next Dimension's single hung windows with the added durability and weather resistance for the ultimate in structural integrity. Features include an integral lift/pull handle for easy access and operation, constant force balances for smooth operation and Windsor's exceptional lock and keeper for a cleaner siteline that creates a tighter seal.

IMPACT Slider

Get the same sleek look and smooth operation of a traditional slider with extra security against strong winds and other extreme weather patterns. New Next Dimension Impact slider features fusion-welded frame and sash for a strong, leak-proof seal, with a pocketed sill for added strength and performance.

IMPACT Double Hung

New Next Dimension Impact double hung windows provide tilt-in sash for easy cleaning and seamless operation while keeping your home protected from harsh storms and winds. Featuring a sash lock, check rail interlock and check rail extender that creates a tight seal for improved weather performance.

IMPACT Direct Set & Radius

Protect your home from the elements while adding a touch of personality and style with an array of geometric and radius shapes and patterns to fit any aesthetic. Thick, multichambered extrusions add strength and improve thermal performance.

IMPACT French Sliding Patio Door

Get the classic look of standard French doors with the low maintenance and durability of vinyl construction. The smooth, sliding operation and impact rated glass and materials provide added strength and stability against the elements. French style panels feature 4" stiles and rails with full perimeter, heavy-duty weather-stripping and a deep pocket integral interlock for a superior seal against air infiltration.

Impact Insulated

Sea-Storm® Flass

- Cardinal® Sea-Storm® LoE 366 insulated glass (IG) is standard
- Laminated glass features Polyvinyl Butyral (PVB) innerlayer and SentryGlas® Plus (SGP) inner-layer (Inner-layer type determined by product type and size.)
- Laminated glass dampens sound from traffic and the outdoors and offers security against intruders

Testing Standards

All Windsor New Next Dimension impact products are tested to the following industry standard tests:

Test Type	Test Standard
Air/Water/Structural Gateway Test	AAMA_WDMA_CSA 101-IS2-A440
ASTM Impact Test	ASTM E1996, Method ASTM E1886 Large Missile D

Impact Zone Rating

All Windsor New Next Dimension impact products are tested and certified to meet Wind Zone 3 criteria.

Wind Zone 3

- Can sustain winds from 120 mph to 140 mph
- Tested for wind-borne debris from a 9 lb 2 x 4 shot from a cannon at 50 ft per second, one time
- 9000 positive and negative pressure cycle simulated the pressure differential of a hurricane



Turtle Glass Code

The Turtle Code is an ordinance to protect sea turtles along the coastline during nesting season by restricting the amount of light allowed to pass through windows and doors. Newly hatched sea turtles are guided to move to the water by the light of the shining moon. The artificial light passing through windows and doors can confuse the newborn hatchlings and cause them to travel away from the water toward the artificial light.

The chart below shows the various glass options available requiring the 0.45 Visible Light Transmittance value or less for glass used in Windsor products. The glass options highlighted comply with the Sea Turtle Protection Code.

	Visible Light Transmittance						
	Insulated	Insulated Laminated/ Impact					
Grey Tint		0.40					
LoE 240	0.40	0.39					
LoE 366/Bronze Tint		0.39					
LoE 366/Grey Tint	0.43	0.31					

Glass values are center of glass

Dur Quality is in the Details



[1] MULLION POST New Next Dimension single hung and double hung windows utilize an aluminum reinforced T-bar mullion post between two windows to provide an attractive appearance, added strength and to prevent air and water infiltration.

[2] GRILLES 3/4" profiled aluminum grilles are color matched to the unit and installed within the insulated glass airspace. This provides the look of authentic divided lite and allows for easy cleaning. 5/8" and 7/8" putty simulated divided lite grilles are available.

[3] EXTENSION JAMBS Extension jambs are available in veneer wrapped pine and oak for stained interiors or in white for painted interiors. These are available as a separate kit or applied.

[4] SLIDING PATIO DOOR HARDWARE Our patio door handles feature traditional or contemporary options in white, clay, faux bronze, black or black exterior/white interior to coordinate with your door color.

[5] WINDOW HARDWARE The beauty of New Next Dimension windows is carried right down to the sleek design of our hardware. They are available in clay, white or black to match the units.

[6] DH INTERLOCK EXTENDER Unique double hung interlock extension provides full interlock contact and weather-strip compression across the entire length of the interlock from jamb to jamb.

[7] BLACK LAMINATED EXTERIOR All New Next Dimension products, both standard and impact, are available with black laminated exterior.

[8] TRIPLE IG All standard, non-impact products are available with 1-1/4" of triple IG.

Options & Accessories

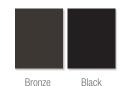
Finishing touches to perfect your vision. Windsor does more than just create durable, high-performance windows and doors. We pay attention to every detail and offer a wide array of options and finishes to match any décor. Flashy and eye-catching or simple and understated, our hardware, finishes, grille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

STANDARD VINYL COLORS



VINYL EXTERIOR COLORS

White vinyl interior is available with bronze paint or black laminated exterior. Clay vinyl interior is available with bronze or black exterior paint.



PAINTED VINYL INTERIOR COLORS



*Only available with painted or laminated black exteriors

WINDOW HARDWARE

Hardware is available in white, clay or black.



Casement and Awning Lock



Casement and Awning Crank/Cover



Double Hung, Single Hung and Slider Sash Lock

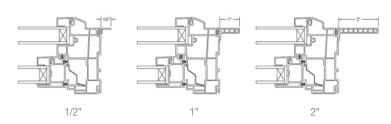


GRILLES All Windsor Divided Lite (WDL)1 bars are hand-fitted to ensure a perfect fit.

FLUSH FINS



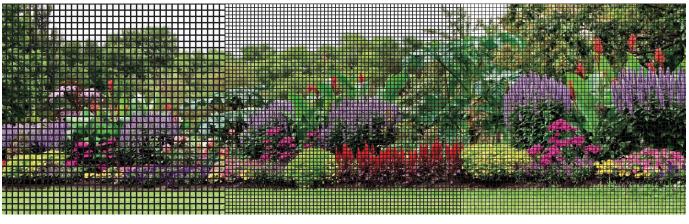




GLASS *Special order item



SCREENS



Conventional Screen Mesh BetterVue® (Standard) UltraVue®



DIRECT SET AND RADIUS OPTIONS

Radius Special Shapes



















Round

Half Round

Quarter Round

Seg-top Quarter

Seg-top

Extended Quarter Round

Round Top

Ellipse

Eyebrow

Direct Set Special Shapes





















Rectangle

Flat-top Trapezoid

Trapezoid

Right Triangle

Triangle

Parallelogram

Octagon

Hexagon

Pentoid Flat-top Pentoid

Radius Inner Grille Patterns

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







5-spoke

Standard



Pattern 3 Single Radius Starburst 42" HR & up



Pattern 4 Double Radius Starburst 60" HR & up



Pattern 5 Single Radius Sunburst 42" HR & up



Pattern 6 Double Radius Sunburst 60" HR & up



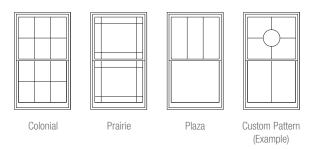
1-spoke 2-spoke Quarter Round Quarter Round



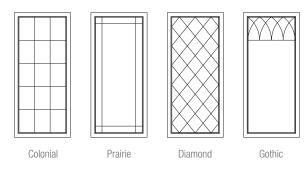
3-spoke Ellipse

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

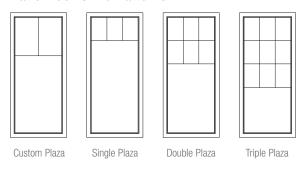
Single and Double Hung Grille Patterns



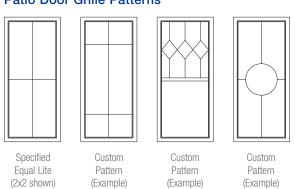
Patio Door Grille Patterns



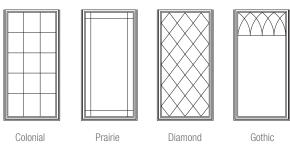
Patio Door Grille Patterns



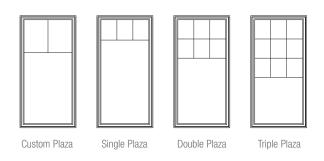
Patio Door Grille Patterns



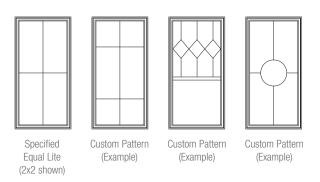
Casement and Awning Grille Patterns



Casement and Awning Grille Patterns



Casement and Awning Grille Patterns



SLIDING PATIO DOOR HANDLE AND FINISHES

Our patio door handles feature traditional or contemporary options in white, clay, faux bronze, black or black exterior/white interior to coordinate with your door color. Finishes are the same for both interior and exterior handles.







Traditional Interior Patio Door Handle



Traditional Exterior Patio Door Handle



Contemporary Interior Patio Door Handle



Contemporary Exterior Patio Door Handle

WINDOW TRIM Custom-fitted wood trim is available in Clear Select Pine.

Interior Trim



Stool and Apron

Available in double or single hung windows



WM 1021 • 5-1/4"



B 200 • 11/16" x 2-1/2"

Rosettes



Rosette • 2-3/4"



Rosette • 3-3/4"

Casement & Awning (Standard & Impact)

e Cleans	1-6 2-6 1-5 1/2 2-5 1/2 2-0 3-0 1-11 1/2 2-11 1/2	3-6 4-0 3-5 1/2 3-11 1/2	4-6 4-5 1/2	5-0 4-11 1/2	6-0 5-11 1/2	7-0 6-11 1/2	8-0 7-11 1/2
1-6 1-5 1/2	1818 2418 3018 3618	4218 4818	5418	6018	7218	8418	9618
2-0 1-6 1-11 1/2 1-5 1/2	1824 2424 3024 3624	4224 4824	5424	6024	7224	8424	9624
2-6 2-5 1/2	1830 2430 3030 3630	4230 4830	5430	6030	7230	8430	9630
3-0 2-11 1/2	1836 2436 3036 3636	* 4236 4836	5436	6036	7236	8436	9636
3-6 3-5 1/2	1842 2442 3042 3642	4242 4842	5442	6042	7242	8442	9642
4-0 3-111/2	1848 2448 3048* 3648	4248 4848	5448	6048	7248	8448	9648
4-6 4-5 1/2	1854 2454 3054* 3654	4254 4854	5454	6054	7254	8454	9654
5-0 4-11 1/2	1860 2460 3060* 3660	4260 4860	5460	6060	7260	8460	9660
5-6 5-5 1/2	1866 2466 3066* 3666	4266 4866	5466	6066	7266	8466	9666
6-0 5-11 1/2	1872 2472 3072* 3672	4272 4872	5472	6072	7272	8472	9672

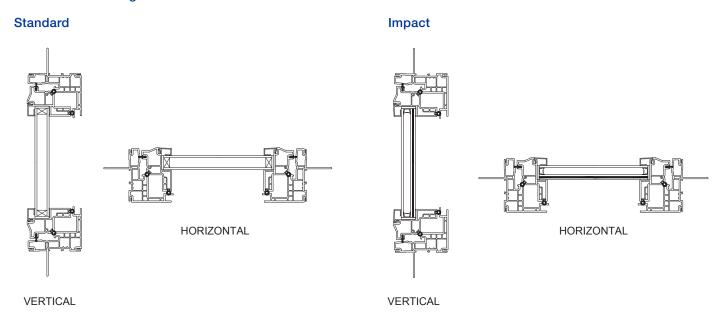
— Operating Casement Sizes ---- Operating Awning Sizes

Shaded units meet most egress requirements of 5.70 sq. ft. Verify state and local requirements with your local building inspector. *30" wide casement windows require egress hinge; customer must specify.

Grille patterns shown are standard. Other options are available.

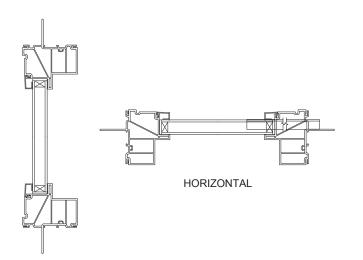
Casement & Awning Technical Drawings

Casement & Awning

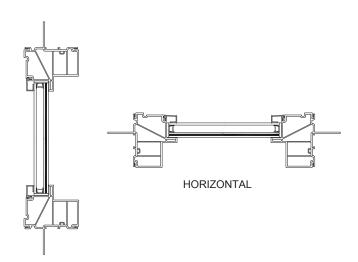


Casement Picture

Standard



Impact



Single Hung Operating (Standard & Impact)

POUCH	1-6 1-5 1/2	2-0 1-11 1/2	2-6 2-5 1/2	2-8 2-7 1/2	3-0 2-11 1/2	3-4 3-3 1/2	3-6 3-5 1/2	4-0 3-11 1/2	4-6 4-5 1/2
2-6 2-5 1/2	1830	2430	3030	3230	3630	4030	4230	4830	5430
3-0 2-11 1/2	1836	2436	3036	3236	3636	4036	4236	4836	5436
3-6 3-5 1/2	1842	2442	3042	3242	3642	4042	4242	4842	5442
4-0 3-11 1/2	1848	2448	3048	3248	3648	4048	4248	4848	5448
4-6 4-5 1/2									
5-0 4-11 1/2	1854 1860	2454 	3054	3254 3260	3654 3660	4054	4254	4854	5454
5-3 5-2 1/2	1863	2463	3063	3263	3663	4063	4263	4863	5463
5-6 5-5 1/2									
6-0 5-11 1/2	1866	2466 2472	3066	3266	3666	4066	4266	4866	5466
6-6 6-5 1/2	1878	2478	3078	3278	3678	4078	4278	4878	5478
7-0 6-11 1/2	1884	2484	3084	3284	3684	4084	4284	4884	5484

Single Hung Operating (cont.) (Standard)

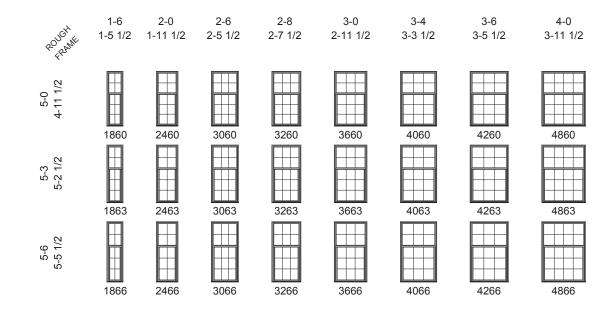
ROUGH	3-0 2-11 1/2	4-0 3-11 1/2	5-0 4-11 1/2	5-4 5-3 1/2	6-0 5-11 1/2	6-8 6-7 1/2	7-0 6-11 1/2	8-0 7-11 1/2	9-0 8-11 1/2
2-6 2-5 1/2	1830-2	2430-2	3030-2	3230-2	3630-2	4030-2	4230-2	4830-2	5430-2
3-0 2-11 1/2	1836-2	2436-2	3036-2	3236-2	3636-2	4036-2	4236-2	4836-2	5436-2
3-6 3-5 1/2	1842-2	2442-2	3042-2	3242-2	3642-2	4042-2	4242-2	4842-2	5442-2
4-0 3-11 1/2	1848-2	2448-2	3048-2	3248-2	3648-2	4048-2	4248-2	4848-2	5448-2
4-6 4-5 1/2	1854-2	2454-2	3054-2	3254-2	3654-2	4054-2	4254-2	4854-2	5454-2
5-0 4-11 1/2	1860-2	2460-2	3060-2	3260-2	3660-2	4060-2	4260-2	4860-2	5460-2
5-3 5-2 1/2	1863-2	2463-2	3063-2	3263-2	3663-2	4063-2	4263-2	4863-2	5463-2
5-6 5-5 1/2	1866-2	2466-2	3066-2	3266-2	3666-2	4066-2	4266-2	4866-2	5466-2
6-0 5-11 1/2	1872-2	2472-2	3072-2	3272-2	3672-2	4072-2	4272-2	4872-2	5472-2
6-6 6-5 1/2	1878-2	2478-2	3078-2	3278-2	3678-2	4078-2	4278-2	4878-2	5478-2
7-0 6-11 1/2	1884-2	2484-2	3084-2	3284-2	3684-2	4084-2	4284-2	4884-2	5484-2

Single Hung Operating (cont.) (Standard)

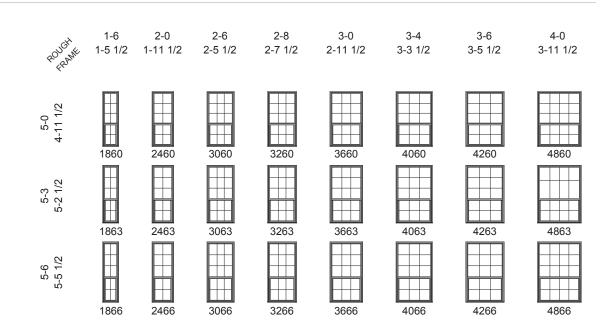
ROUGH	4-6 4-5 1/2	6-0 5-11 1/2	7-6 7-5 1/2	8-0 7-11 1/2	8-11 1/2
2-6 2-5 1/2	1830-3	2430-3	3030-3	3230-3	3630-3
3-0 2-11 1/2	1836-3	2436-3	3036-3	3236-3	3636-3
3-6 3-5 1/2	1842-3	2442-3	3042-3	3242-3	3642-3
4-0 3-11 1/2	1848-3	2448-3	3048-3	3248-3	3648-3
4-6 4-5 1/2	1854-3	2454-3		3254-3	
5-0 4-11 1/2	1854-3	2454-3	3054-3	3254-3	3654-3
5-3 5-2 1/2	1863-3	2463-3	3063-3	3263-3	3663-3
5-6 5-5 1/2	1866-3	2466-3	3066-3	3266-3	3666-3
6-0 5-11 1/2					
6-6 6-5 1/2	1872-3	2472-3	3072-3	3272-3 3278-3	3672-3 3678-3
7-0 6-11 1/2	1884-3	2484-3	3084-3	3284-3	3684-3

Single Hung Operating Cottage & Oriel (Standard & Impact)

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Single Hung Fixed (Standard & Impact)

ROUGH.	1-6 1-5 1/2	2-0 1-11 1/2	2-6 2-5 1/2	2-8 2-7 1/2	3-0 2-11 1/2	3-4 3-3 1/2	3-6 3-5 1/2	4-0 3-11 1/2	4-6 4-5 1/2	5-0 4-11 1/2
1-0	1812	2412	3012	3212	3612	4012	4212	4812	5412	6012
1-6	1818	2418	3018	3218	3618	4018	4218	4818	5418	6018
2-0 1-11 1/2	1824	2424	3024	3224	3624	4024	4224	4824	5424	6024
2-6 2-5 1/2	1830	2430	3030	3230	3630	4030	4230	4830	5430	6030
3-0 2-11 1/2	1836	2436	3036	3236	3636	4036	4236	4836	5436	6036
3-6 3-5 1/2	1842	2442	3042	3242	3642	4042	4242	4842	5442	6042
4-0 3-11 1/2	1848	2448	3048	3248	3648	4048	4248	4848	5448	6048
4-6 4-5 1/2	1854	2454	3054	3254	3654	4054	4254	4854	5454	6054
5-0 4-11 1/2	1860	2460	3060	3260	3660	4060	4260	4860	5460	6060

Single Hung Fixed (cont.) (Standard & Impact)

e grant	1-6 1-5 1/2	2-0 1-11 1/2	2-6 2-5 1/2	2-8 2-7 1/2	3-0 2-11 1/2	3-4 3-3 1/2	3-6 3-5 1/2	4-0 3-11 1/2	4-6 4-5 1/2	5-0 4-11 1/2
5-6 5-5 1/2	1866	2466	3066	3266	3666	4066	4266	4866	5466	6066
5-7 5-6 1/2	1867	2467	3067	3267	3667	4067	4267	4867	5467	6067
6-0 5-11 1/2	1872	2472	3072	3272	3672	4072	4272	4872	5472	6072
6-6 6-5 1/2	1878	2478	3078	3278	3678	4078	4278	4878	5478	6078
7-0 6-11 1/2	1884	2484	3084	3284	3684	4084	4284	4884	5484	6084

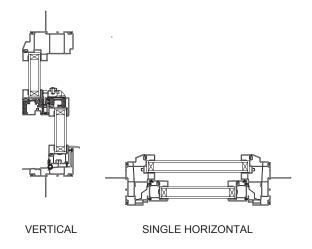
Single Hung Fixed (cont.) (Standard & Impact)

ROJEN	6-0 5-11 1/2	6-8 6-7 1/2	7-0 6-11 1/2	7-6 7-5 1/2	8-0 7-11 1/2
1-0	7212				
1-6 1-5 1/2	7218	8018	8418	9018	9618
2-0 1-6 1-111/2 1-51/2	7224	8024	8424	9024	9624
2-6 2-5 1/2	7230	8030	8430	9030	9630
3-0 2-11 1/2	7236	8036	8436	9036	9636
3-6 3-5 1/2	7242	8042	8442	9042	9642
4-0 3-11 1/2	7248	8048	8448	9048	9648
4-6 4-5 1/2	7254	8054	8454	9054	9654
5-0 4-11 1/2	7260	8060	8460	9060	9660

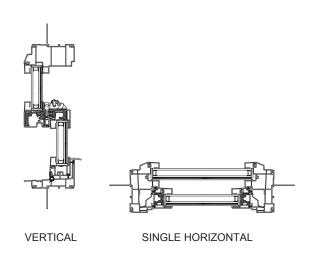
Single Hung Technical Drawings

Single Hung

Standard



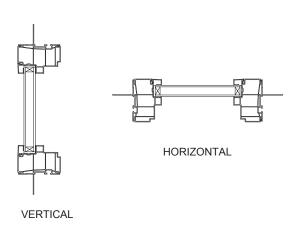
Impact



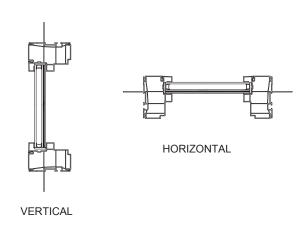


Picture

Standard



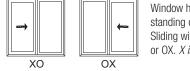
Impact



Single Slider (Standard & Impact)

ROUGH	2-0 1-11 1/2	2-6 2-5 1/2	3-0 2-11 1/2	3-6 3-5 1/2	4-0 3-11 1/2	4-6 4-5 1/2	5-0 4-11 1/2	5-6 5-5 1/2	6-0 5-11 1/2
2-0 1-11 1/2	2424	3024	3624	4224	4824	5424	6024	6624	7224
2-6 2-5 1/2	2430	3030	3630	4230	4830	5430	6030	6630	7230
3-0 2-11 1/2	2436	3036	3636	4236	4836	5436	6036	6636	7236
3-6 3-5 1/2	2442	3042	3642	4242	4842	5442	6042	6642	7242
4-0 3-11 1/2	2448	3048	3648	4248	4848	5448	6048	6648	7248
4-6 4-5 1/2			3654	4254	4854	5454	6054	6654	7254
5-0 4-11 1/2			3660	4260	4860	5460	6060	6660	7260
5-3 5-2 1/2			3663	4263	4863	5463	6063	6663	7263
5-6 5-5 1/2			3666	4266	4866	5466	6066	6666	7266
6-0 5-11 1/2			3672	4272	4872	5472	6072	6672	7272

Handing Options (As viewed from exterior)



Window handing is determined while standing on the **OUTSIDE** of the window. Sliding windows must be specified as XO or OX. *X* is the operable vent panel.

---- Impact rated sizes

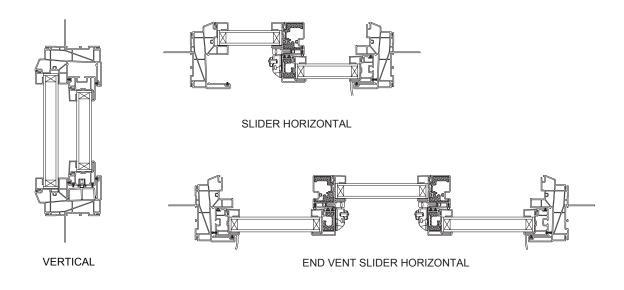
End Vent Slider (Standard & Impact)

koncut	6-0 5-11 1/2	7-0 6-11 1/2	8-0 7-11 1/2	6-0 5-11 1/2	7-6 7-5 1/2				
2-0 1-11 1/2	18-36-1824	21-42-2124	24-48-2424	24-24-2424	30-30-3024				
2-6 2-5 1/2	18-36-1830	21-42-2130	24-48-2430	24-24-2430	30-30-3030				
3-0 2-11 1/2	18-36-1836	21-42-2136	24-48-2436	24-24-2436	30-30-3036				
3-6 3-5 1/2	18-36-1842	21-42-2142	24-48-2442	24-24-2442	30-30-3042				
4-0 3-11 1/2	18-36-1848	21-42-2148	24-48-2448	24-24-2448	30-30-3048				
4-6 4-5 1/2	18-36-1854	21-42-2154	24-48-2454	24-24-2454	30-30-3054				
5-0 4-11 1/2	18-36-1860	21-42-2160	24-48-2460	24-24-2460	30-30-3060				
5-3 5-2 1/2	18-36-1863	21-42-2163	24-48-2463	24-24-2463	30-30-3063				
5-6 5-5 1/2	18-36-1866	21-42-2166	24-48-2466	24-24-2466	30-30-3066				
6-0 5-11 1/2	18-36-1872	21-42-2172	24-48-2472	24-24-2472	30-30-3072				
End vent sliding windows come standard as XOX. Both end vents operate.									

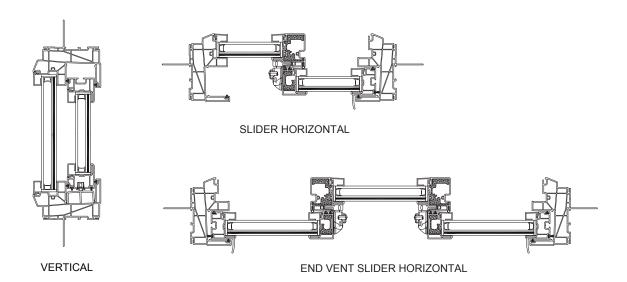
---- Impact rated sizes

Slider Technical Drawings

Standard



Impact



Double Hung Operating (Standard & Impact)

e ^{OJEH}	1-6 1-5 1/2	2-0 1-11 1/2	2-6 2-5 1/2	2-8 2-7 1/2	3-0 2-11 1/2	3-4 3-3 1/2	3-6 3-5 1/2	4-0 3-11 1/2
2-6 2-5 1/2	1830	2430	3030	3230	3630	4030	4230	4830
3-0 2-11 1/2	1836	2436	3036	3236	3636	4036	4236	4836
3-6 3-5 1/2	1842	2442	3042	3242	3642	4042	4242	4842
4-0 3-11 1/2	1848	2448	3048	3248	3648	4048	4248	4848
4-6 4-5 1/2	1854	2454	3054	3254	3654	4054	4254	4854
5-0	1860	2460	3060	3260	3660	4060	4260	4860
5-6 5-5 1/2								
5-7 5-6 1/2	1866	2466	3066	3266	3666	4066	4266	4866
6-0 5-11 1/2	1867	2467	3067	3267 3272	3667	4067	4267	4867
6-6 6-5 1/2	1878	2478	3078	3278	3678	4078	4278	4878
7-0 6-11 1/2	1884	2484	3084	3284	3684	4078	4284	4884

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

Grille patterns shown are standard. Other options are available.

37

Double Hung Operating (cont.) (Standard)

ROUGH	3-0 2-11 1/2	4-0 3-11 1/2	5-0 4-11 1/2	5-4 5-3 1/2	6-0 5-11 1/2	6-8 6-7 1/2	7-0 6-11 1/2	8-0 7-11 1/2
2-6 2 2-5 1/2	1830-2	2430-2	3030-2	3230-2	3630-2	4030-2	4230-2	4830-2
3-0 2-11 1/2	1836-2	2436-2	3036-2	3236-2	3636-2	4036-2	4236-2	4836-2
3-6 3-5 1/2	1842-2	2442-2	3042-2	3242-2	3642-2	4042-2	4242-2	4842-2
4-0 3-11 1/2	1848-2	2448-2	3048-2	3248-2	3648-2	4048-2	4248-2	4848-2
4-6 4-5 1/2	1854-2	2454-2	3054-2	3254-2	3654-2	4054-2	4254-2	4854-2
5-0 4-11 1/2	1860-2	2460-2	3060-2	3260-2	3660-2	4060-2	4260-2	4860-2
5-6 5-5 1/2	1866-2	2466-2	3066-2	3266-2	3666-2	4066-2	4266-2	4866-2
5-7 5-6 1/2	1867-2	2467-2	3067-2	3267-2	3667-2	4067-2	4267-2	4867-2
6-0 5-11 1/2								
6-6 6-5 1/2	1872-2 1878-2	2472-2	3072-2	3272-2	3672-2	4072-2	4272-2	4872-2
7-0 6-11 1/2	1884-2	2484-2	3084-2	3284-2	3684-2	4084-2	4284-2	4884-2

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

Grille patterns shown are standard. Other options are available.

Double Hung Operating (cont.) (Standard)

ROVEH	4-6 4-5 1/2	6-0 5-11 1/2	7-6 7-5 1/2	8-0 7-11 1/2	9-0 8-11 1/2
2-6 2-5 1/2	1830-3	2430-3	3030-3	3230-3	3630-3
3-0 2-11 1/2	1836-3	2436-3	3036-3	3236-3	3636-3
3-6 3-5 1/2	1842-3	2442-3	3042-3	3242-3	3642-3
4-0 3-11 1/2	1848-3	2448-3	3048-3	3248-3	3648-3
4-6 4-5 1/2	1854-3	2454-3	3054-3	3254-3	3654-3
5-0 4-11 1/2	1860-3	2460-3	3060-3	3260-3	3660-3
5-6 5-5 1/2	1866-3	2466-3	3066-3	3266-3	3666-3
5-7 5-6 1/2	1867-3	2467-3	3067-3	3267-3	3667-3
6-0 5-11 1/2	1872-3	2472-3	3072-3	3272-3	3672-3
6-6 6-5 1/2	1878-3	2478-3	3078-3	3278-3	3678-3
7-0 6-11 1/2	1884-3	2484-3	3084-3	3284-3	3684-3

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

Grille patterns shown are standard. Other options are available.

Double Hung Operating Cottage & Oriel (Standard & Impact)

Cottage	ROJET	1-6 1-5 1/2	2-0 1-11 1/2	2-6 2-5 1/2	2-8 2-7 1/2	3-0 2-11 1/2	3-4 3-3 1/2	3-6 3-5 1/2	4-0 3-11 1/2
	5-0 4-11 1/2	1860	2460	3060	3260	3660	4060	4260	4860
	5-6 5-5 1/2	1866	2466	3066	3266	3666	4066	4266	4866
	5-7 5-6 1/2	1867	2467	3067	3267	3667	4067	4267	4867
Oriel	20 ^{UCH}	1-6 1-5 1/2	2-0 1-11 1/2	2-6 2-5 1/2	2-8 2-7 1/2	3-0 2-11 1/2	3-4 3-3 1/2	3-6 3-5 1/2	4-0 3-11 1/2
	5-0 4-11 1/2	1860	2460	3060	3260	3660	4060	4260	4860
	5-6 5-5 1/2	1866	2466	3066	3266	3666	4066	4266	4866
	5-7 5-6 1/2	1867	2467	3067	3267	3667	4067	4267	4867

Shaded units meet most egress requirements of 5.70 sq. ft. Verify state and local requirements with your local building inspector. Grille patterns shown are standard. Other options are available.

Double Hung Fixed (Standard & Impact)

ROUGH	1-6 1-5 1/2	2-0 1-11 1/2	2-6 2-5 1/2	2-8 2-7 1/2	3-0 2-11 1/2	3-4 3-3 1/2	3-6 3-5 1/2	4-0 3-11 1/2	4-6 4-5 1/2	5-0 4-11 1/2
1-0	1812	2412	3012	3212	3612	4012	4212	4812	5412	6012
1-6 1-5 1/2	1818	2418	3018	3218	3618	4018	4218	4818	5418	6018
2-0 1-11 1/2	1824	2424	3024	3224	3624	4024	4224	4824	5424	6024
2-6 2-5 1/2	1830	2430	3030	3230	3630	4030	4230	4830	5430	6030
3-0 2-11 1/2	1836	2436	3036	3236	3636	4036	4236	4836	5436	6036
3-6 3-5 1/2	1842	2442	3042	3242	3642	4042	4242	4842	5442	6042
4-0 3-11 1/2	1848	2448	3048	3248	3648	4048	4248	4848	5448	6048
4-6 4-5 1/2	1854	2454	3054	3254	3654	4054	4254	4854	5454	6054
5-0 4-11 1/2	1860	2460	3060	3260	3660	4060	4260	4860	5460	6060

Double Hung Fixed (cont.) (Standard & Impact)

adday.	1-6 1-5 1/2	2-0 1-11 1/2	2-6 2-5 1/2	2-8 2-7 1/2	3-0 2-11 1/2	3-4 3-3 1/2	3-6 3-5 1/2	4-0 3-11 1/2	4-6 4-5 1/2	5-0 4-11 1/2
5-6 5-5 1/2	1866	2466	3066	3266	3666	4066	4266	4866	5466	6066
5-7 5-6 1/2	1867	2467	3067	3267	3667	4067	4267	4867	5467	6067
6-0 5-11 1/2	1872	2472	3072	3272	3672	4072	4272	4872	5472	6072
6-6 6-5 1/2	1878	2478	3078	3278	3678	4078	4278	4878	5478	6078
7-0 6-11 1/2	1884	2484	3084	3284	3684	4084	4284	4884	5484	6084

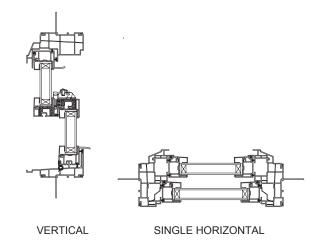
Double Hung Fixed (cont.) (Standard & Impact)

ROUGH RAME	6-0 5-11 1/2	6-8 6-7 1/2	7-0 6-11 1/2	7-6 7-5 1/2	8-0 7-11 1/2
	7212				
2-0 1-6 1-0 1-11 1/2 1-5 1/2 11 1/2	7218	8018	8418	9018	9618
	7224	8024	8424	9024	9624
2-6 2-5 1/2	7230	8030	8430	9030	9630
3-0 2-11 1/2	7236	8036	8436	9036	9636
3-6 3-5 1/2	7242	8042	8442	9042	9642
4-0 3-11 1/2	7248	8048	8448	9048	9648
4-6 4-5 1/2	7254	8054	8454	9054	9654
5-0 4-11 1/2	7260	8060	8460	9060	9660

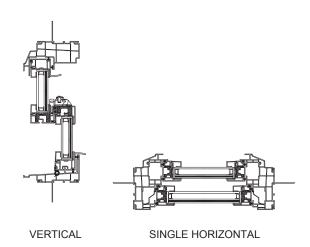
Double Hung Technical Drawings

Double Hung

Standard



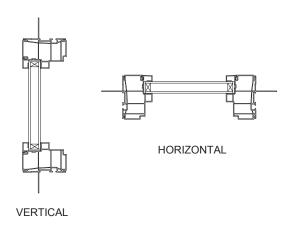




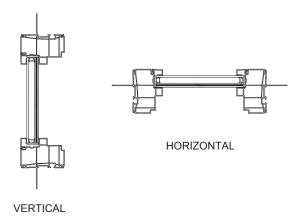


Picture

Standard

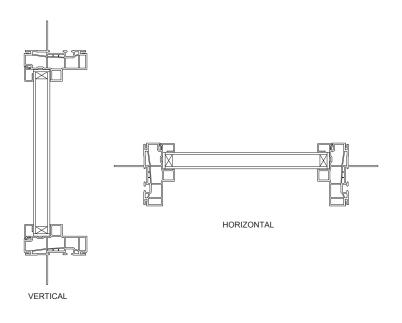


Impact

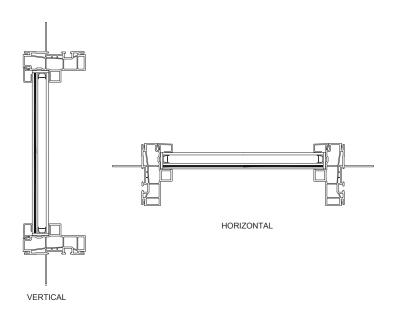


Direct Set Technical Drawings

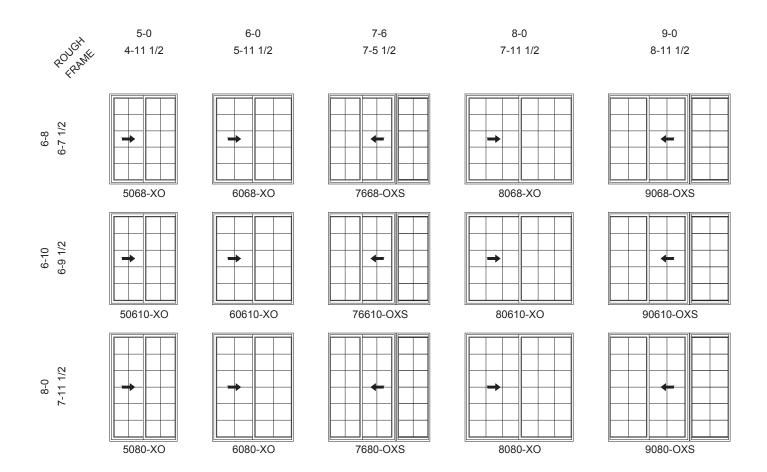
Standard



Impact



Sliding Patio Doors (Standard)



Door handing is determined while standing on the **OUTSIDE** of the door. "X" is the operating panel and "O" is the stationary panel.

XO door: Operating panel is on the left. **OX door:** Operating panel is on the right.

Quad Sliding Patio Doors (Standard)

9-9 3/8 11-9 3/8 9-8 7/8 11-8 7/8 10068-OXOO 12068-OXOO 6-10 6-9 1/2 100610-OXOO 120610-OXOO 8-0 7-11 1/2 10080-OXOO 12080-OXOO

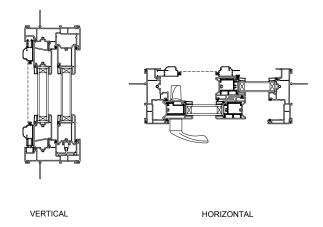
Patio Door Sidelites, Transoms & Sidelite Transoms (Standard)

Sidelites	ROUGH RAME	1-6 1-5 1/2	2-0 1-11 1/2	2-6 2-5 1/2	3-0 2-11 1/2	4-0 3-11 1/2
	6-8 6-7 1/2	1668-S	2068-S	2668-S	3068-S	4068-S
	6-10 6-9 1/2	16610-S	20610-S	26610-S	30610-S	40610-S
	8-0 7-11 1/2	1680-S	2080-S	2680-S	3080-S	4080-S
Transoms	2011GH	5-0 4-11 1/2	6-0 5-11 1/2	7-6 7-5 1/2	8-0 7-11 1/2	9-0 8-11 1/2
	2-0 1-6 1-4 1-0 1-11 1/2 1-5 1/2 1-3 1/2 11 1/2	5010 5014 5016 5020	6010 6014 6016 6020	7614 7616 7620	8014 8016 8020	9014
Sidelite Transoms	2010th	1-6 1-5 1/2	2-0 1-11 1/2	2-6 2-5 1/2	3-0 2-11 1/2	4-0 3-11 1/2
	1-0	1610	2010	2610	3010	4010
	1-4	1614	2014	2614	3014	4014
	1-6 1-5 1/2	1616	2016	2616	3016	4016
	2-0 1-11 1/2	1620	2020	2620	3020	4020

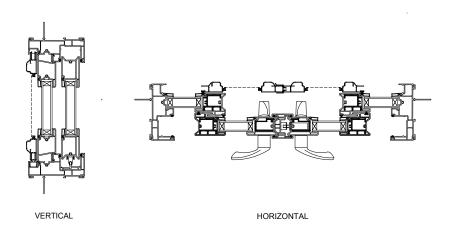
Grille patterns shown are standard. Other options are available.

Patio Door Technical Drawings (Standard)

Patio Door

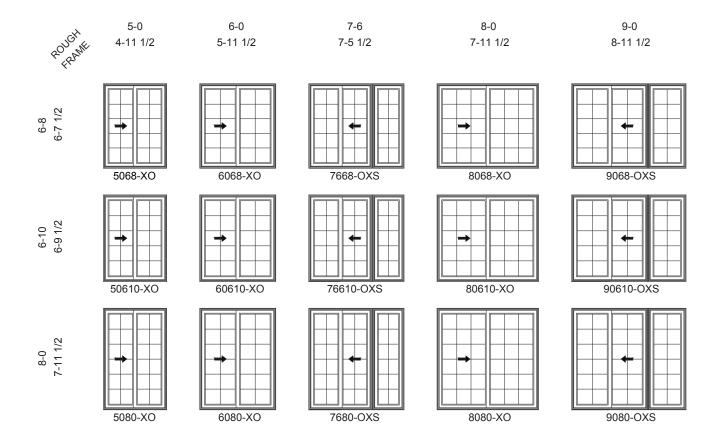


Patio Door Quad



French Patio Doors

(Standard and Impact)



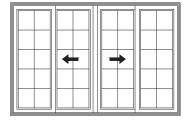
Quad French Patio Doors

(Standard and Impact)

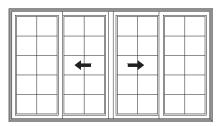
ROUGH

9-9 15/16 9-9 7/16 11-9 15/16 11-9 7/16

6-8

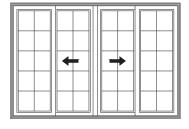


10068-OXOO

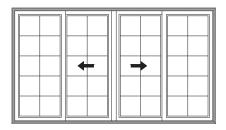


12068-OXOO

6-10

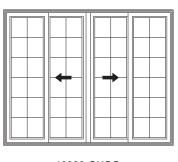


100610-OXOO

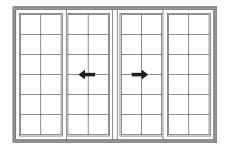


120610-OXOO

8-0



10080-OXOO



12080-OXOO

French Patio Door Sidelite

(Standard and Impact)

1-6 2-0 2-6 3-0 4-0
2-5 1/2 2-11 1/2 3-11 1/2

2-5 1/2 2-11 1/2 3-11 1/2

2-6 3-0 4-0
3-11 1/2

3-11 1/2

3-11 1/2

3-11 1/2

3-11 1/2

3-11 1/2

3-11 1/2

3-11 1/2

3-11 1/2

3-11 1/2

3-11 1/2

3-11 1/2

3-11 1/2

3-11 1/2

3-11 1/2

3-11 1/2

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3-11 1/2

3-11 1/2

3-11 1/2

3-11 1/2

3-11 1/2

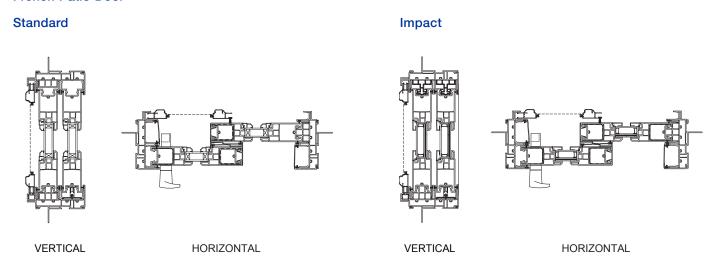
3-11 1/2

3-11 1/2

2080-S

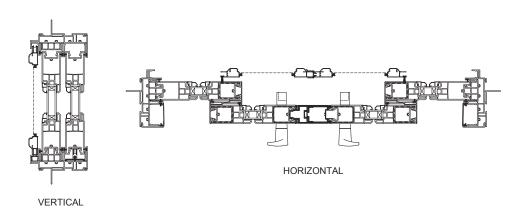
French Patio Door Technical Drawings

French Patio Door

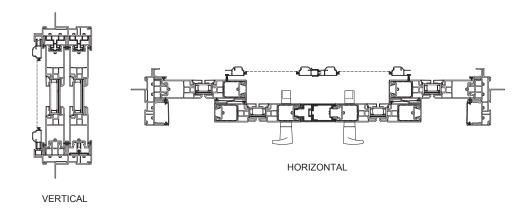


French Patio Door Quad

Standard



Impact





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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.



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.

New Next Dimension

The New Next Dimension line features both standard and impact products that are designed to have enhanced weatherability against even the harshest coastal environments. These robust, reliable products offer the resilience of extruded multi-chambered vinyl and are constructed from enhanced components for added strength and stability. Homeowners enjoy beautiful color retention, exceptional performance and energy efficiency for years to come.

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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Windsor Windows & Doors is an ENERGY STAR® partner and an NFRC and WDMA member. Windsor products are certified and labeled according to the guidelines established by the National Fenestration Rating Council (NFRC).