

Pella® 250 Series VINYL



Innovative and enhanced security and privacy features for your customer's peace of mind.

Double-Hung



Double-Hung with Hidden Screen



Available in these window & patio door styles:

Special shapes also available.



Awning Window



Casement Window



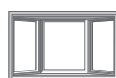
Single-Hung Window⁶



Double-Hung Window



Sliding Window



Bay Window



Sliding Patio Door

Enhanced Security and Privacy

Give your customers more peace of mind with innovative security and privacy features. Double- and single-hung windows are designed with an interlocking checkrail, steel hardware reinforcement and a unique anti-jar sill. Classic sliding patio doors feature an integrated footbolt, tamper prevention system and blinds-between-the-glass.

Stronger Frames Than Ordinary Vinyl

Pella's precision welding process creates more durable products that resist warping or twisting over time. Pella 250 Series window frames are 52% stronger than ordinary vinyl.¹

Pella's Fade-Resistant Vinyl Formula

Pella 250 Series is made of high-grade vinyl that resists yellowing and never needs painting. The solid color throughout the vinyl keeps minor dings and scratches virtually invisible. Solid-color frames are available in White, Almond and Fossil.

Exclusive Weather Protection System

Protect your home with our exclusive weather repel system on single- and double-hung windows. It has three points of protection to channel water away from the home — including triple weatherstripping.

Energy Star® Most Efficient 2024 Window²

Upgraded triple-pane glass windows are on average 62% more energy efficient than single-pane windows.³ Pella 250 Series offers products that have been awarded the ENERGY STAR Most Efficient Mark in 2024.²

Durable Laminate Exterior Finishes

Dual-color frame options offer White interior with Brown or Black laminate exterior. Pella's vinyl laminate is 2.6x more durable than painted vinyl.⁴

Free-Form Mulling Capabilities

Create a large or unique combination for your project by mulling standard and custom-sized windows together. Combinations are factory-mulled and arrive ready for installation.⁵

Optional Performance Enhancements

Increase energy performance and structural strength with optional performance enhancements such as foam insulation and steel reinforcement.

Additional Features and Options

We have the features and options that fit most any project. Choose from multiple frame types, dual- and triple-pane glazing, several grille options and a full lineup of window and patio door styles.

Limited Lifetime Warranty

Pella products are backed by some of the strongest warranties in the business. See written limited warranty for details, including exceptions and limitations, at pella.com/warranty.

Testing Beyond Requirements

At Pella, our products are tested beyond requirements to help ensure they have long-lasting performance and reduce call-backs for you.

Hidden Screen Retractable Screen

The Hidden Screen appears when you open the window and folds away when it is closed. It provides a clear view when the window is closed and improves curb appeal year-round.


Product Specifications

WINDOW & PATIO DOOR STYLES	MIN. WIDTH	MIN. HEIGHT	MAX. WIDTH	MAX. HEIGHT	PERFORMANCE CLASS & GRADE	PERFORMANCE VALUES			FRAME / INSTALL
						U-FACTOR	SHGC	STC	
Awning Dual-Pane Vent	16"	14-½"	59-½"	43-½"	R-PG15 - R-PG35 ¹¹ LC-PG35 - LC-PG50	0.24-0.30	0.17-0.43	30	Block Frame Integral Fin Fin with J-Channel Flush Flange ¹² 5/8" Flange Frame 3" Flat Casing ¹³
Awning Triple-Pane Vent	16"	14-½"	59-½"	43-½"	R-PG15 - R-PG35 ¹¹ LC-PG35 - LC-PG50	0.20-0.25	0.19-0.38	34	
Casement Dual-Pane Vent	14-½"	17-½"	35-½"	71-½"	R-PG15 - R-PG35 ¹¹ LC-PG35 - LC-PG50	0.22-0.30	0.17-0.43	30-33	
Casement Triple-Pane Vent	14-½"	17-½"	35-½"	71-½"	R-PG15 - R-PG35 ¹¹ LC-PG35 - LC-PG50	0.20-0.25	0.19-0.38	34	
Sliding Window Dual-Pane Vent	21-½"	11-½"	96"	72"	R-PG25 - R-PG50 R-PG15 - R-PG35 ¹¹	0.23-0.32	0.19-0.51	25	
Sliding Window Triple-Pane Vent	21-½"	11-½"	96"	72"	R-PG25 - R-PG50 R-PG15 - R-PG35 ¹¹	0.20-0.25	0.22-0.44	28	
Double-Hung Dual-Pane Vent	14-½"	23-½"	53-½"	86" ⁹	R-PG20 - R-PG50 R-PG15 - R-PG35 ¹¹	0.24-0.34	0.18-0.49	26	
Double-Hung Triple-Pane Vent	14-½"	23-½"	53-½"	78"	R-PG20 - R-PG50 R-PG15 - R-PG35 ¹¹	0.21-0.27	0.21-0.42	28	
Single-Hung ⁶ Dual-Pane Vent	14-½"	23-½"	53-½"	96" ¹⁰	R-PG35 - R-PG50 R-PG15 - R-PG35 ¹¹	0.23-0.33	0.19-0.51	25	
Single-Hung ⁶ Triple-Pane Vent	14-½"	23-½"	53-½"	77-½"	R-PG35 - R-PG50 R-PG15 - R-PG35 ¹¹	0.20-0.26	0.22-0.44	28	
Fixed Frame Rectangle Dual-Pane	11-½" ⁷	11-½" ⁷	108" 40 sq. ft. max.	108" 40 sq. ft. max.	CW-PG30 - CW-PG50 R-PG15 - R-PG35 ¹¹	0.22-0.34	0.21-0.58	26	
Fixed Frame Rectangle Triple-Pane	11-½" ⁷	11-½" ⁷	24 sq. ft.	24 sq. ft.	CW-PG30 - CW-PG50 R-PG15 - R-PG35 ¹¹	0.19–0.27	0.24–0.48	27	
Classic Sliding Patio Door Dual-Pane, OX or XO ⁸	46-½"	70-½"	95-½"	95-½"	LC35 - LC50	0.24-0.40	0.18-0.49	29-32	
Classic Sliding Patio Door Triple-Pane, OX Or XO ⁸	46-½"	70-½"	95-½"	95-½"	LC35 - LC50	0.22–0.27	0.21-0.42	29	


Window sizes available in ⅛" increments
Special sizes available. For more information regarding performance, visit installpella.com.
Visit PellaADM.com for specific sizes and glazings tested and for more information regarding frame and installation types.

Glass & Additional Energy Efficiency Upgrades


InsulShield®
Low-E Glass




Advanced Low-E insulating dual- or triple-pane glass with argon




NaturalSun Low-E insulating dual- or triple-pane glass with argon



NaturalSun+ Low-E insulating dual-pane glass with argon

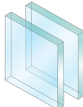


SunDefense™ Low-E insulating dual-pane glass with argon

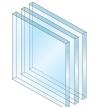


SunDefense+ Low-E insulating dual-pane glass with argon

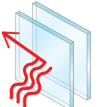
Additional
Glass Options



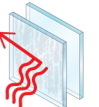
Tempered Glass



Triple Pane



High Altitude Low-E⁹



Obscure Low-E

Foam Insulation Options

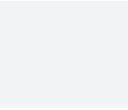
Optional foam-insulated frame and sash are available to increase energy efficiency.

Colors


Frame Colors

Create a signature look with solid-color and dual-color frames. Dual-color frames allow you to choose a different color for the exterior with a White interior.


Solid-Colors:



White




Almond




Fossil

Dual-Color Frames:¹⁴



Brown

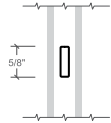


Black

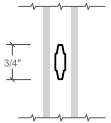
Grilles

Grilles

Grilles are color-matched to your window or patio door interior and exterior frame color.



Grilles-Between-the-Glass Flat 5/8"¹⁵




Grilles-Between-the-Glass Contour 3/4"¹⁵

Window Hardware

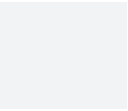
Casement & Awning

Folds neatly out of the way so it won't interfere with roomside window treatments. Finishes match interior frame colors.




Fold-Away Crank


Color-Matched Finishes:



White



Almond



Fossil

Sliding, Single- & Double-Hung

Pella's cam-action locks pull the sashes against the weatherstripping for a tighter seal. Optional AutoLock hardware automatically locks the window when it is shut, simply close the sash and confirm it latches.



Cam-Action Lock



AutoLock

Color-Matched Finishes:



White




Almond




Fossil

Window Limited Opening Devices

A vent stop can be engaged or disengaged manually and restricts how far the bottom sash of a single- or double-hung window can open. A window opening control device (WOCD) complies with a safety standard and allows for ventilation, emergency escape and rescue when released. A WOCD automatically limits the sash opening to less than four inches, unless it is intentionally disengaged, enabling the sash to fully open. Stainless steel limited opening devices are available on casement and awning windows, and WOCDs are available on casement windows.

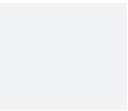


Vent Stop




Window Opening Control Device


Color-Matched Finishes:



White



Almond



Fossil

^{6, 7, 8, 9, 10, 11, 12, 13} See back cover for disclosures.

^{14, 15} See back cover for disclosures.

Patio Door Hardware

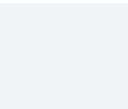
Sliding
Patio Door

Match the door's exterior color with a color-matched, corrosion-resistant handle, or upgrade the interior finish to add a touch of style.



Classic Sliding Patio
Door Handle
Standard Multipoint
Locking System

Color-Matched Finishes:



White



Almond

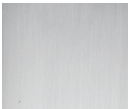


Fossil

Additional Finishes:



Oil-Rubbed
Bronze



Satin Nickel

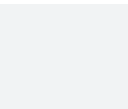
Integrated
Flush Footbolt

Pella® 250 Series classic sliding patio door with integrated flush footbolt is our most secure vinyl patio door.¹⁶ The patented footbolt is flush with the frame, providing secondary venting and locking abilities without compromising beauty.



Integrated Flush
Footbolt

Color-Matched Finishes:



White



Almond



Fossil

Patio Door Blinds-Between-the-Glass^{17, 18}

Blinds-Between-
the-Glass

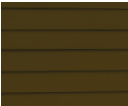
Add privacy and complement your project's decor with blinds-between-the-glass. Located between panes of insulating glass, these blinds are protected from dust, damage and little hands.



White



Slate Gray



Espresso

¹ Based on the force required to bend a window frame profile.

² Some Pella products may not meet ENERGY STAR® guidelines in Canada. For more information, contact your local Pella sales representative or go to energystar.gc.ca.

³ Window energy efficiency calculated in a computer simulation using RESFEN 5.0 default parameters for a 2000 sq. foot existing single-story home when comparing a Pella 250 Series vinyl window with InsulShield Advanced Low-E triple pane glass with argon to a single paned wood or vinyl window. The range of energy efficiency will vary from 54% to 77% and will vary by location. Your actual savings will vary. The average window energy efficiency is based on a national average of 94 modeled cities across the country with an adjustment based on population. For more details see pella.com/methodology.

⁴ The abrasion resistance of Pella painted and laminate vinyl samples were tested and coatings compared in their ability to withstand a volume of abrasive materials using test method of ASTM D968.

⁵ Actual mullion span and combination size availability depends on design pressure requirements. Consider combination size, weight, and jobsite handling during design.

⁶ Curve top and additional shapes available in select regions. Contact Pella rep for details.

⁷ 10" minimum width available in South and West regions. Contact Pella rep for details.

⁸ Additional configurations available. Contact your local Pella expert for details.

⁹ 86" height is only available up to a 53.5" width with a cam-action lock and a 3/3 glass in an equal sash split.

¹⁰ 96" height is only available up to a 53.5" width in Contemporary sash split with 3/3 glass and a cam-action lock or AutoLock.

¹¹ Nail fin with flat casing. Available in the Northeast Region only. Contact Pella rep for details.

¹² Only available in the West region.

¹³ Available only for new construction frame types in the Northeast region. Contact Pella rep for details.

¹⁴ Exterior is an applied color, not an extruded color.

¹⁵ Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.

¹⁶ To achieve a Grade 40 rating on ASTM F842, a test for forced entry excluding glass breakage, the optional footbolt must be installed and engaged.

¹⁷ Availability may vary by size. Contact your local Pella expert for more information.

¹⁸ Available on dual-pane products only. Not available on sliding patio doors with grilles-between-the-glass.

NOTE: Product specifications may change without notice.
Actual colors may vary from those shown and products may vary slightly from illustrations and photos.