

# Pella® 250 Series VINYL



Innovative and enhanced security and privacy features for your customers peace of mind.

Double-Hung



#### 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. 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.<sup>1</sup>

#### 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 2022 WINDOW<sup>2</sup>

Upgraded triple-pane glass windows are on average 62% more energy efficient than single-pane windows.<sup>3</sup> Pella 250 Series offers products that have been awarded the ENERGY STAR Most Efficient Mark in 2022.<sup>2</sup>

#### DURABLE LAMINATE EXTERIOR FINISHES

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

#### 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.<sup>5</sup>

#### 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 & 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](http://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.

AVAILABLE IN THESE WINDOW & PATIO DOOR STYLES:



Special shapes also available.

<sup>1,2,3,4,5</sup> See back cover for disclosures.

## 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	
<b>AWNING</b> DUAL-PANE VENT	16"	14-1/2"	59-1/2"	43-1/2"	LC35-LC50	0.26-0.30	0.17-0.43	30	Block Frame Integral Fin Fin with J-Channel Flush Flange <sup>8</sup> 5/8" Flange Frame
<b>AWNING</b> TRIPLE-PANE VENT	16"	14-1/2"	59-1/2"	43-1/2"	LC35-LC50	0.20-0.25	0.19-0.37	34	
<b>CASEMENT</b> DUAL-PANE VENT	14-1/2"	17-1/2"	35-1/2"	71-1/2"	LC35-LC50	0.26-0.30	0.17-0.43	30-33	
<b>CASEMENT</b> TRIPLE-PANE VENT	14-1/2"	17-1/2"	35-1/2"	71-1/2"	LC35-LC50	0.20-0.25	0.19-0.37	34	
<b>SLIDING WINDOW</b> DUAL-PANE VENT	21-1/2"	11-1/2"	96"	72" West Region 62" East Region	R25-R50	0.27-0.32	0.20-0.51	25	
<b>SLIDING WINDOW</b> TRIPLE-PANE VENT	21-1/2"	11-1/2"	96"	72" West Region 62" East Region	R25-R50	0.20-0.26	0.22-0.44	28	
<b>DOUBLE-HUNG</b> DUAL-PANE VENT	14-1/2"	23-1/2"	53-1/2"	78" West Region 86" <sup>5</sup> East Region	R25-R50 West Region Only	0.27-0.33	0.19-0.49	26	
<b>DOUBLE-HUNG</b> TRIPLE-PANE VENT	14-1/2"	23-1/2"	53-1/2"	78"	R25-R50	0.21-0.27	0.21-0.42	28	
<b>SINGLE-HUNG</b> DUAL-PANE VENT	14-1/2"	23-1/2"	53-1/2"	77.5" <sup>7</sup> West Region 96" East Region	R35-R50 West Region Only	0.27-0.33	0.20-0.51	25	
<b>SINGLE-HUNG</b> TRIPLE-PANE VENT	14-1/2"	23-1/2"	53-1/2"	77-1/2"	R35-R50	0.21-0.26	0.22-0.44	28	
<b>FIXED FRAME RECTANGLE</b> DUAL-PANE	11-1/2"	11-1/2"	108" 40 sq. ft. max.	108" 40 sq. ft. max.	CW30-CW50	0.26-0.31	0.21-0.58	26	
<b>FIXED FRAME RECTANGLE</b> TRIPLE-PANE	11-1/2"	11-1/2"	96" 40 sq. ft. max.	96" 27 sq. ft. max.	CW30-CW50	0.19-0.24	0.24-0.47	27	
<b>SLIDING PATIO DOOR</b> DUAL-PANE, OX or XO <sup>9</sup>	46-1/2"	70-1/2"	95-1/2"	95-1/2"	LC35 - LC50	0.27-0.40	0.19-0.49	26	
<b>SLIDING PATIO DOOR</b> TRIPLE-PANE, OX or XO <sup>9</sup>	46-1/2"	70-1/2"	95-1/2"	95-1/2"	LC35 - LC50	0.22-0.30	0.21-0.42	27	

### WINDOW SIZES AVAILABLE IN 1/8" INCREMENTS

Special sizes available. For more information regarding performance, visit [installpella.com](http://installpella.com). Visit [PellaADM.com](http://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- OR TRIPLE-PANE  
WITH ARGON**



**SUNDEFENSE+  
LOW-E INSULATING  
DUAL-PANE GLASS  
WITH ARGON**

### ADDITIONAL GLASS OPTIONS



**TEMPERED  
GLASS**



**TRIPLE  
PANE**



**HIGH ALTITUDE  
LOW-E<sup>8</sup>**



**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-COLOR:



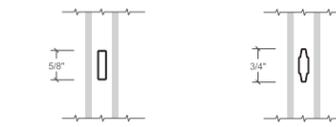
#### DUAL-COLOR FRAMES<sup>10</sup>:



## GRILLES

### GRILLES

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



**GRILLES-BETWEEN-  
THE-GLASS  
FLAT 5/8" <sup>11</sup>**

**GRILLES-BETWEEN-  
THE-GLASS  
CONTOUR 3/4" <sup>11</sup>**

## 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:



### 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:



### 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:



<sup>6,7,8,9</sup> See back cover for disclosures.

<sup>10,11</sup> 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.



**SLIDING PATIO  
DOOR HANDLE**  
Standard Multipoint  
Locking System

#### COLOR-MATCHED FINISHES:



#### ADDITIONAL FINISHES:



### INTEGRATED FLUSH FOOTBOLT

Pella® 250 Series sliding patio door with footbolt is our most secure vinyl patio door.<sup>12</sup> The patent-pending footbolt is flush with the frame, providing secondary venting and locking abilities without compromising beauty.



**INTEGRATED FLUSH  
FOOTBOLT**

#### COLOR-MATCHED FINISHES:



## PATIO DOOR BLINDS-BETWEEN-THE-GLASS<sup>13,14</sup>

### 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.



- <sup>1</sup> Based on the force required to bend a window frame profile.
- <sup>2</sup> 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](http://energystar.gc.ca).
- <sup>3</sup> 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](http://pella.com/methodology).
- <sup>4</sup> 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.
- <sup>5</sup> Actual mullion span and combination size availability depends on design pressure requirements. Consider combination size, weight, and jobsite handling during design.
- <sup>6</sup> 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.
- <sup>7</sup> 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.
- <sup>8</sup> Only available in the West region.
- <sup>9</sup> Additional configurations available. Contact your local Pella expert for details.
- <sup>10</sup> Exterior is an applied color, not an extruded color.
- <sup>11</sup> Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.
- <sup>12</sup> 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.
- <sup>13</sup> Availability may vary by size. Contact your local Pella expert for more information.
- <sup>14</sup> 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