

Pella® Lifestyle Series

Clad/Wood



**INDICATES SELECTED OPTIONS
FOR 185 ASHFORD AVENUE**

#1 performing wood window and patio door for the combination of energy, sound and value.¹

Triple-pane casement



Dual-pane casement



- **Performance redefined**

You don't have to compromise on any aspect of performance. Available performance solutions offer an unbeatable combination of energy efficiency, sound control and value.¹

- **Energy Star® certified²**

Pella products offer energy-efficient options that will meet or exceed ENERGY STAR guidelines in all 50 states. Pella Lifestyle Series products with triple-pane glass have been awarded ENERGY STAR Most Efficient Mark in 2021.

- **Enhanced sound control**

Our patented, triple-pane design with Advanced Low-E glass allows for mixed glass thickness for enhanced sound dampening resulting in an average 52% noise reduction versus single-pane windows.³

- **Popular features and options**

Low-maintenance aluminum-clad exteriors. Factory prefinish with a choice of several paints and stains, or choose primed or unfinished. Several grille types and patterns and high-transparency screens are also available.

- **Intentional design for improved durability**

Intentional jamb/sill design helps seal the end grain of the wood and elevates it off the rough opening, reducing the potential for moisture.

- **Durable 3-way corner joint**

Three-way corner joints are made up of mortise-and-tenon, metal fasteners and commercial adhesive for added strength and durability.

- **Low-maintenance exteriors**

Aluminum-clad exteriors with EnduraClad® finish resists fading and chalking. It is applied in an overlapping fashion for exceptional protection.

- **Exclusive wood protection**

Pella's exclusive EnduraGuard® wood protection is applied after the pieces have been cut and milled, but prior to final assembly. It provides advanced protection against the effects of moisture, decay, stains from mold and mildew – as well as termite damage.

- **Best limited lifetime warranty⁴**

Pella Lifestyle Series products are covered by the best limited lifetime warranty in the industry for wood windows and patio doors.⁴

- **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 and patio door styles:⁵



Special shape windows also available.

^{1,2,3,4,5} See back cover for disclosures.

Product Specifications

Window & Patio Door Styles	Min. Width	Min. Height	Max. Width	Max. Height	Performance Class & Grade	Performance Values		
						U-Factor	SHGC	STC
Awning Dual-pane vent	21" ⁶	17"	59"	59"	LC30	0.25-0.35	0.19-0.51	25-28
Awning Triple-pane vent	21"	17"	59"	59"	LC25-CW50	0.12-0.19	0.24-0.56	31-37
Casement Dual-pane vent	17"	17"	35"	73"	LC30-LC50	0.25-0.35	0.19-0.51	25-31
Casement Triple-pane vent	17"	17"	35"	73"	R20-CW50	0.20-0.25	0.17-0.46	31-37
Fixed Casement Dual-pane	17"	17"	73"	73"	LC30-LC50	0.23-0.50	0.19-0.66	29-32
Fixed Casement Triple-pane	17"	17"	73"	73"	R20-CW50	0.19-0.24	0.17-0.46	33-37
Double-Hung Dual-pane vent	21"	35"	41.5"	77"	LC30-LC50	0.19-0.66	0.20-0.56	27-31
Hinged Patio Door Dual-pane single door	30"	80"	38"	96"	LC50	0.25-0.29	0.18-0.48	31
Hinged Patio Door Triple-pane single door	26"	80"	96"	96"	LC55	0.22-0.26	0.14-0.38	34-36
Hinged Patio Door Dual-pane double door	60"	80"	75"	96"	LC50	0.25-0.29	0.18-0.48	30-32
Hinged Patio Door Triple-pane double door	50"	80"	75"	96"	LC55	0.22-0.26	0.14-0.38	34-36
Sliding Patio Door Dual-pane single-door fixed (O)	31"	80"	49"	96"	CW50	0.24-0.33	0.18-0.51	27
Sliding Patio Door Triple-pane single-door fixed (O)	31"	80"	49"	96"	CW60	0.21-0.27	0.17-0.45	33-36
Sliding Patio Door Dual-pane double-door vent (OX or XO)	60"	80"	96"	96"	R20-LC50	0.24-0.33	0.18-0.51	29-32
Sliding Patio Door Triple-pane double-door vent (OX or XO)	60"	80"	96"	96"	R25-LC60	0.21-0.27	0.17-0.45	33-36

Window sizes available in 1/4" increments
Special sizes available in triple-pane patio doors. For more information regarding performance, visit pella.com/performance. For more information regarding frame and installation types, visit installpella.com.

Window Hardware

Essential
Collection

Select from popular designs and finishes to suit every style.



Fold-away
Crank



Cam-Action
Lock

Finishes:



Champagne



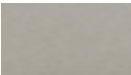
White



Brown



Matte Black



Satin Nickel



Satin Brass⁷

Patio Door Hardware

Essential
Collection

Elevate your style and transform a home with elegant selections.



Hinged Patio
Door Handle



Sliding Patio
Door Handle

Finishes:



Champagne



White



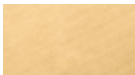
Brown



Matte Black



Satin Nickel



Satin Brass⁷

^{6,7} See back cover for disclosures.

Colors

Prefinished Pine Interior Colors

We can prefinish pine in your choice of several paint and stain colors. Unfinished or primed and ready-to-paint are also available.



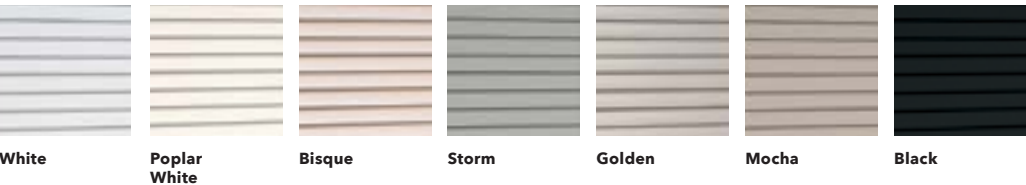
Aluminum-Clad Exterior Colors

Our low-maintenance EnduraClad® exterior finish resists fading and helps protect windows and patio doors for years. Seacoast EnduraClad protective finish for coastal projects with high salt exposure is also available.



Integrated Blinds⁹

Raise blinds up for an unobstructed view or tilt to let in just the right amount of light. Our best integrated and accessible blinds are available manual or motorized with Pella® Insynctive® technology.



Integrated Shades⁹

Our best integrated fabric shades feature a white exterior fabric for a uniform look from the street. Integrated and accessible shades are available manual or motorized with Pella Insynctive technology.

Light-Filtering:



Room-Darkening:



Haven't landed on the final blind or shade color selection? No problem. With our patented triple-pane design, you and your customer can make those decisions later in the schedule. Our triple-pane products come with all of the hardware to add a blind or shade straight from the factory or at a later time in the building or remodeling process.

Added Peace of Mind

Integrated Security Sensors

Integrated wireless security sensors maintain aesthetics, streamline security installation and ensure no warranty loss is caused by post-installation drilling. Sensors can be monitored via the free Pella® Insynctive® App and are compatible with major security panel systems.¹⁰ For more information, go to connectpella.com.

^{8,9,10} See back cover for disclosures.

Performance Packages

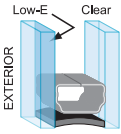
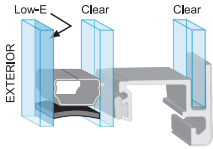
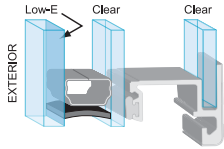
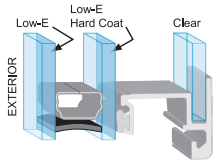
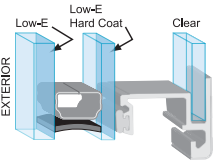
To make things easier, we've created performance packages.

Performance solutions offer an unbeatable combination of energy efficiency, sound control and value.¹ Create room-by-room solutions with the upgraded triple-pane glass design.

All values below are averages compared with single-pane windows.



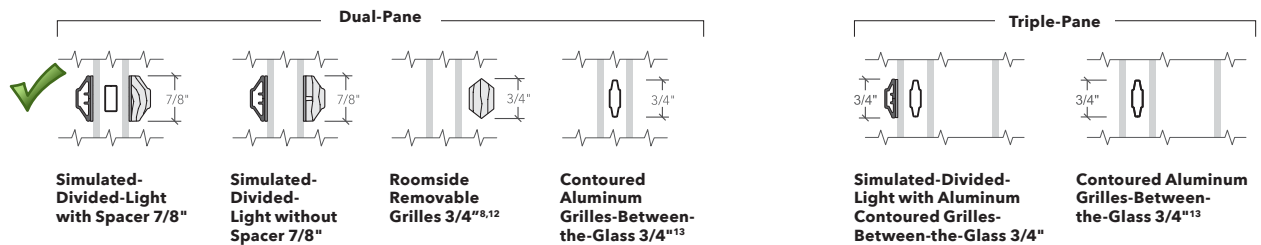
Pella® Lifestyle Series offers products awarded ENERGY STAR® Most Efficient for 2021.²

Base	Performance	Sound Control	Energy Efficiency	Ultimate Performance
	71% More Energy Efficient ¹¹ + 34% Noise Reduction ³	52% Noise Reduction ³	83% More Energy Efficient ¹¹	79% More Energy Efficient ¹¹ + 52% Noise Reduction ³
 <p>Advanced Low-E</p> <p>Two panes of insulating, energy-efficient glass and our most popular features and options.</p>	 <p>Advanced Low-E SunDefense Low-E or NaturalSun Low-E</p> <p>A triple-pane glass design for a combination of both improved energy efficiency and sound performance.</p>	 <p>Advanced Low-E Sound-reduction glazing</p> <p>Triple-pane glass design featuring mixed glass thicknesses for enhanced sound dampening.</p>	 <p>AdvancedComfort</p> <p>A triple-pane glass design with upgraded AdvancedComfort Low-E glass for enhanced energy efficiency.</p>	 <p>AdvancedComfort Sound-reduction glazing</p> <p>A triple-pane glass design featuring mixed glass thicknesses with upgraded AdvancedComfort Low-E glass for enhanced energy efficiency.</p>

Patented triple-pane glass design gives flexibility to add integrated blinds or shades without impacting performance.

Grilles

Choose the look of true divided light, removable roomside grilles or make cleaning easier by selecting grilles-between-the-glass.



The Best Limited Lifetime Warranty in the Industry

We know your reputation matters and you stake your reputation on quality, dependable products. That's why we have the best limited lifetime warranty in the industry for wood windows and patio doors.⁴

¹ Performance solutions require upgrades to triple-pane, AdvancedComfort Low-E and mixed glass thickness. Based on comparing product quotes and published STC/OITC and U-Factor ratings of leading national wood window and patio door brands.

² Some Pella products may not meet ENERGY STAR certification in Canada. For more information, contact your local Pella sales representative or go to nrcan.gc.ca/energy/products/categories/fenestration/13739.

³ Reduction in sound based on OITC ratings of Pella Lifestyle Series windows with respective performance package compared to a single-pane wood or vinyl window with an OITC of 19. Calculated by using the sound transmission loss values in the 80 to 4000 Hz range as measured in accordance with ASTM E-90(09). Actual results may vary.

⁴ Based on comparing written limited warranties of leading national wood window and wood patio door brands. See written limited warranty for details, including exceptions and limitations, at pella.com/warranty.

⁵ Double-hung windows available in dual-pane only.

⁶ Available June 2021.

⁷ Available Fall 2021.

⁸ Availability may be limited. Contact your local Pella rep for details.

⁹ Available with triple-pane products only.

¹⁰ Requires the Insynctive App on a smart device, an Insynctive Bridge and a wireless home router with internet connection.

¹¹ Window energy efficiency calculated in a computer simulation using RESFEN 6.0 default parameters for a 2000 sq. foot new construction single-story home when Pella Lifestyle Series windows with the respective performance package are compared to a single-pane wood or vinyl window. The energy efficiency and actual savings will vary by location. The average window energy efficiency is based on a national average of 94 modeled cities across the country and weighting based on population. For more details see pella.com/methodology.

¹² Color-matched to your product's interior and exterior color.

¹³ Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.

Center of Glass Performance

Glazing Diagram	Type of Glazing	Glass Thickness	U-Factor	Solar Heat Gain Coefficient (SHGC)	Shading Coefficient (SC)	Relative Heat Gain	% Visible Light Transmission	Visible Light Reflectance	% Solar Transmission	Total Solar Reflectance	Inside Glass Surface Temp (F)	% Relative Humidity @ 70° F when condensation appears on room side	% UV Transmission	LBL Damage Function	Low-E Coating on Surfaces #
								% Out	% In	% Out	% In				

Dual-Pane Insulating Glass, Argon filled 11/16" overall thickness

	Clear (air filled)	3mm ₁	0.48	0.78	0.89	186	82	15	15	73	13	13	44	39	58	0.61	
1	SunDefense™ Low-E	3mm ₁	0.24	0.27	0.31	66	65	11	12	25	44	47	56	61	5	0.21	2
1	Advanced Low-E	3mm ₁	0.25	0.37	0.42	88	70	12	13	34	39	41	56	61	14	0.31	2
2	AdvancedComfort Low-E	3mm ₁	0.20	0.36	0.42	86	69	12	12	33	39	31	47	44	14	0.31	2, 4
3	NaturalSun Low-E	3mm ₁	0.26	0.68	0.79	161	79	15	15	60	21	21	55	59	29	0.42	3 or 2*
4	Bronze Advanced Low-E	5mm/3mm	0.25	0.32	0.37	78	45	7	11	22	18	38	56	61	7	0.19	3
4	Gray Advanced Low-E	5mm/3mm	0.25	0.30	0.34	73	39	6	10	19	16	38	56	61	7	0.18	3
4	Green Advanced Low-E	5mm/3mm	0.25	0.37	0.42	88	61	10	11	26	13	38	56	61	5	0.19	3
5	Advanced Laminated Low-E	3mm/6mm	0.28	0.37	0.42	88	69	13	13	32	39	32	53	55	0	0.2	2 or 3**
5	SunDefense™ Laminated Low-E	3mm/6mm	0.27	0.28	0.32	67	63	11	13	24	45	37	53	55	0	0.16	2 or 3**

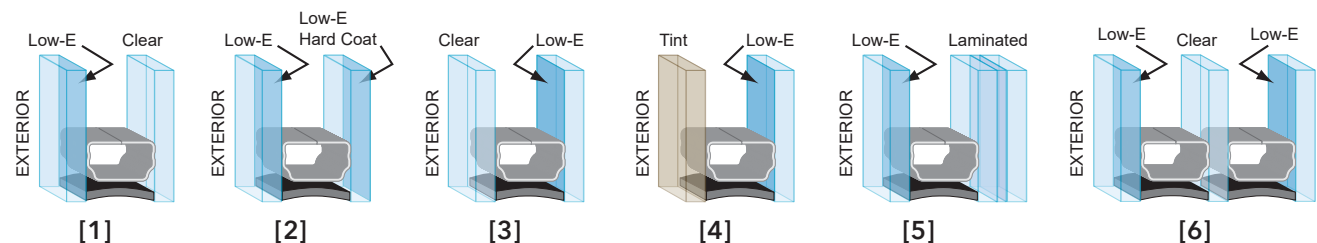
Dual-Pane Insulating Glass, Argon filled 1" overall thickness

	Clear (air filled)	6mm	0.47	0.72	0.83	172	80	15	15	63	12	12	46	41	54	0.58	
1	SunDefense Low-E	6mm	0.25	0.27	0.31	65	63	10	11	24	36	38	56	61	4	0.2	2
1	Advanced Low-E	6mm	0.25	0.35	0.41	84	68	12	12	31	32	34	56	61	13	0.3	2
2	AdvancedComfort Low-E	6mm	0.20	0.35	0.40	82	66	12	12	30	32	26	47	44	12	0.29	2, 4
3	NaturalSun Low-E	6mm	0.26	0.64	0.74	150	77	14	15	52	18	18	55	59	24	0.38	3 or 2*
4	Bronze Advanced Low-E	6mm	0.25	0.30	0.34	71	40	7	10	19	16	31	56	61	6	0.16	3
4	Gray Advanced Low-E	6mm	0.25	0.27	0.31	64	34	6	10	17	14	31	56	61	6	0.16	3
4	Green Advanced Low-E	6mm	0.25	0.35	0.40	83	59	10	11	24	11	32	56	61	4	0.17	3
5	Advanced Laminated Low-E	5mm/10mm	0.25	0.36	0.41	85	67	12	12	N/A	N/A	N/A	56	61	0	0.17	2 or 3**
5	SunDefense™ Laminated Low-E	5mm/10mm	0.24	0.27	0.31	66	62	11	12	N/A	N/A	N/A	56	61	0	0.14	2 or 3**

1" Triple-Pane Insulating Glass – Pella® 250 Series

6	Advanced Low-E	3mm	0.16	0.31	0.36	74	55	15	15	22	41	41	60	71	4	0.19	2, 5
6	NaturalSun Low-E	3mm	0.17	0.56	0.64	131	70	20	20	47	25	25	60	71	13	0.29	2
6	Advanced Low-E	4mm	0.19	0.31	0.35	73	53	15	15	21	38	38	59	68	4	0.19	2, 5
6	NaturalSun Low-E	4mm	0.20	0.54	0.62	127	69	20	20	43	23	23	59	68	12	0.28	2

Total Solar Reflectance is accounting for the reflectance of the light wavelengths across the total solar spectrum and includes the wavelengths for UV, Visible, and IR. Visible Light Reflectance only accounts for the reflectance of light wavelengths in the visible light spectrum, i.e. 380 - 780 nanometers.



(1) Performance of products with 3/4", 13/16" IG or 2.5mm glass is within 10% of those stated for 3mm glass.

(2) 4mm and 5mm glass construction perform similar to 3mm within 10%.

* Wood products and Pella Impervia: Side 3, Pella 250 Series and Encompass by Pella: Side 2

** Varies by product.

Pella® Lifestyle Series Casement

Aluminum EnduraClad® Exterior

Detailed Product Descriptions

Frame

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are clear pine.
- Exterior surfaces are clad with aluminum.
- Components are assembled with screws, staples and concealed corner locks.
- Overall frame depth is 5" (127 mm) for a wall depth of 3-11/16" (94 mm).
- Optional factory-applied jamb extensions available between 3-13/16" (97) and 9-3/16" (233).
- Optional factory-installed fold-out installation fins with flexible fin corners.
- Optional factory-applied EnduraClad® exterior trim. **INTEGRAL ALUMINUM TRIM, FLAT STYLE, SEE ATTACHED**

Sash

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are clear pine.
- Exterior surfaces are clad with aluminum, lap-jointed and sealed.
- Corners mortised and tenoned, glued and secured with metal fasteners.
- Sash thickness is [1-3/4" (45 mm) dual-pane] [2-3/16" (55mm) triple-pane, (2-1/4" (57 mm) including hinged glass panel)].

Weatherstripping

- Dual weatherstripping.
 - Flexible santoprene material compressed between frame and sash for positive seal on all four sides.
 - Secondary thermoplastic vulcanizate (TPV) weatherstrip between edge of sash and frame [Dual-Pane: leaf-type on the vertical sides and bottom side, and Santoprene® bulb-type weatherstrip on the top side] [Triple-Pane: leaf-type on all four sides].

Glazing System

- Quality float glass complying with ASTM C 1036.
- High altitude glazing available.
- Silicone-glazed 11/16" [obscure] dual-seal insulating glass [[annealed] [tempered]] [[Advanced Low-E] [SunDefense™ Low-E] [AdvancedComfort Low-E] [NaturalSun Low-E] with argon].

-or-

- Triple-Pane Glazing System:
 - Exterior silicone-glazed 11/16" [obscure] dual-seal insulating glass, [[annealed] [tempered]] [[Advanced Low-E] [SunDefense™ Low-E] [AdvancedComfort Low-E] [NaturalSun Low-E] with argon].
 - Interior hinged glass panel set in a [veneered fiberglass composite] [aluminum (advanced comfort)] frame finished to match interior (aluminum frames are veneered for stain finishes), fitted to sash with continuous gasket seal, clear [annealed] [tempered] glass.
 - Airspace between insulating glass and hinge glass panel is 1-1/32".

Exterior

- Exterior aluminum surfaces are finished with EnduraClad® protective finish, in a multi-step, baked-on finish.
- Finish color:
 - Dual-pane [White] [Tan] [Putty] [Brown] [Poplar White] [Portobello] [Hartford Green] [Morning Sky Gray] [Brick Red] [Black].
 - Triple-pane [White] [Tan] [Putty] [Brown] [Poplar White] [Portobello] [Hartford Green] [Morning Sky Gray] [Brick Red] [Black] [Almond] [Fossil] [Iron Ore].

Interior

- [Unfinished, ready for site finishing] [factory primed with one coat acrylic latex] [factory prefinished [White] [Linen White] [Bright White] [stain₁]].

Hardware

- Roto operator assembly
 - Steel worm gear sash operator with hardened gears.
 - Operator base to be zinc die cast with painted finish.
 - Operator linkage, hinge slide, and hinge arms are stainless steel.
 - Exposed fasteners are stainless steel.
 - Hardware will exceed 1,000 hours salt spray exposure per ASTM B 117.
- Innovative Locking System — A single handle locking system which operates positive-acting arms that reach out and pull the sash into a locked position: one operating lock installed on units with lock-side frame dimension [Dual-pane ≤ 29"] [Triple-pane ≤ 41"] , two unison operating locks are installed on units with lock-side frame dimension [Dual pane > 29"] [Triple-pane > 41"].

- Standard Integrated fold-away crank and lock handle finish is [baked enamel [Champagne] [White] [Brown] [Matte Black]] [Oil-Rubbed Bronze] [Satin Nickel].

Optional Products

Grilles

- Roomside Removable Grilles (Dual-Pane glazing only)
 - 3/4" [Traditional] [Custom – Equally divided] removable solid pine wood bars steel-pinned at joints and fitted to sash with steel clips and tacks.
 - Interior [unfinished, ready for site finishing] [factory primed] [pine: factory prefinished [White] [Linen White] [Bright White] [stain₁]].
 - Exterior [unfinished, ready for site finishing] [factory primed] [factory prefinished, finish color matched to exterior cladding₄].

– or –
- Simulated-Divided-Light [with optional spacer] (Dual-pane glazing)
 - ✓ 7/8" Grilles permanently bonded to the interior and exterior of glass.
 - Patterns are [Traditional] [Prairie] [Cross] [Top Row] [Custom – Equally Divided]. ✓ **CUSTOM MUNTIN PATTERN**
 - Interior surfaces are [unfinished, ready for site finishing] [factory primed] [pine: factory prefinished [White] [Linen White] [Bright White] [stain₁]].
 - Exterior color to match the exterior cladding color.
- Simulated-Divided-Light with Grilles-Between-the-Glass (Triple-pane glazing)
 - 3/4" Grilles permanently bonded to the exterior of glass.
 - Patterns are [Traditional] [Prairie] [Cross] [Top Row] [Custom – Equally Divided].
 - Exterior color to match the exterior cladding color.
 - Insulating glass contains 3/4" contoured aluminum grilles permanently installed between two panes of glass.
 - Interior color is [White] [Ivory] [Tan₃] [Brickstone] [Black] [Putty₃] [Brown₃] [Harvest] [Cordovan].

– or –
- Grilles-Between-the-Glass₂
 - Insulating glass contains 3/4" contoured aluminum grilles permanently installed between two panes of glass.
 - Patterns are [Traditional] [9-Lite Prairie] [Top Row] [Cross] [Custom – Equally Divided].
 - Interior color is [White] [Ivory] [Tan₃] [Brickstone] [Black] [Putty₃] [Brown₃] [Harvest] [Cordovan].
 - Exterior color [matched to the exterior cladding color] [White]₄.

Flat Insect Screen

- InView™ Screens
 - Vinyl-coated 18/18 mesh fiberglass screen cloth complying with the performance requirements of SMA 1201, set in aluminum frame fitted to inside of window, supplied complete with all necessary hardware.
 - Screen frame finish is baked enamel, [Champagne] [White] [Brown] [Black].

– or –
- ✓ • Vivid View®
 - PVDF 21/17 mesh, minimum 78 percent light transmissive screen, set in aluminum frame fitted to inside of window, supplied complete with all necessary hardware.
 - Screen frame finish is baked enamel, [Champagne] [White] [Brown] [Black].

✓ – or –
- Rolscreen® Soft-close Retractable Screen
 - InView™ Screen cloth, self-storing, rolling, black vinyl-coated 18/18 mesh fiberglass screen cloth complying with ASTM D 3656 and the performance requirements of SMA 1201 mounted behind overhead cover.
 - Cover finish is [factory prefinished paint₁] [pine veneer wrapped over extruded aluminum with factory prefinished stain₁].
 - Guides are aluminum extrusion with [pine veneer wrapped over extruded aluminum with factory prefinished stain₁] [factory prefinished paint₁].

Integrated Between-the-Glass Window Fashions (Triple-Pane glazing only)₁

- Slimshade® Blinds
 - 15 mm aluminum slat, bottom-up blinds with polyester cord ladder
 - Installed in sash between double glazing and interior hinged glass panel.
 - Operated with cordless operator or motorized with Insynctive® technology.

– or –
- Cellular Fabric Shades
 - 11/16" width, bottom-up shades with hidden polyester cord, spun bond Polyethylene Terephthalate (PET) cellular fabric.
 - Installed in sash between double glazing and interior hinged glass panel.
 - Operated with cordless operator or motorized with Insynctive® technology.

Hardware

- Optional factory applied limited opening hardware available for vent units in stainless steel; nominal 3" opening.
- Optional window opening control device available for field installation. Device allows window to open less than 4" with normal operation, with a release mechanism that allows the sash to open completely. Complies with ASTM F2090-17.

Sensors

- Optional factory installed integrated security sensors available in vent units.

- (1) Contact your local Pella sales representative for current designs and color options.
- (2) Available on units glazed with Low-E insulated glass with argon, and obscure insulated glass.
- (3) Tan, brown and putty Interior GBG colors are available only with matching interior and exterior colors.
- (4) Appearance of exterior grille color will vary depending on Low-E coating on glass.

EXTERIOR WINDOW TRIM STYLES

Add the beautiful look of Pella's trim to the exterior of your home. Made from extruded aluminum and coated with our EnduraClad finish, our trim resists chalking and fading, ensuring it will look great for years. When you choose factory-applied trim, you can save time on your window project. You can also choose from primed pine or mahogany. Exterior trim is available on Pella Reserve, Architect Series and Pella Lifestyle Series windows.

Trim Styles

