

CASEMENT & AWNING WINDOWS



Cascade Windows puts life in the best light. We have built our reputation on superior performance, style and value.

Our 9300 Casement Series and 9400 Awning Series offers you several elegant and surprisingly durable window options, each with beveled craftsman exterior designs that add beautiful continuity to your home.

A PERFECT FIT FOR ANY HOME

Cascade's casement and awning windows are tailored to your exact specifications, making them ideal for replacements and new construction alike.

HOLDS UP TO THE ELEMENTS

High winds, harsh weather and even dusty environments are no match for our solidly built casement and awning windows. And take extra comfort knowing they are designed for maximum energy and thermal efficiency.

REAL SMOOTH OPERATORS

Smooth, effortless operation is standard with Cascade's casement and awning windows, promising years of outstanding performance.

9300 CASEMENT SERIES & 9400 AWNING SERIES

FEATURES

- All frames and sashes are multichambered hollow wall designs for improved strength, durability and thermal efficiency.
- Specially blended PVC formulation includes impact modifiers and U.V. stabilizers to prolong material longevity.
- Heat-fusion welded corner construction for maximum rigidity to form square durable assemblies that eliminate air and water penetration.
- 3¼" frame ideal for replacement or new construction installation.
- ¾" overall IG system with "Warm Edge" spacer system with dual seals reduces condensation, improves longevity and performance.

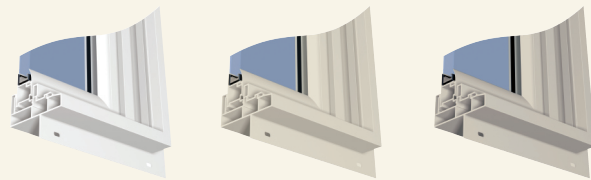


GLAZING OPTIONS

- Low-E spectrally selective high performance glass.
- Enhanced performance tint glass.
- Internal muntins or grids (between the glass) in a variety of styles and patterns.

COLORS

White, Almond and Clay.



CASCADE
WINDOWS

800.442.8544 • cascadowindows.com

FRAMING LIFE'S MOMENTS.™



9400 AWNING

FEATURES

- Rigid multi-chambered PVC extrusions providing structural integrity and high-sound and thermal insulation qualities.
- Precision mitered and heat-fusion welded corners.
- Integral vinyl pre-punched nailing flange for fast and efficient installation (1/4" set-back).
- High-performance weather stripping minimizing air infiltration, reducing energy costs.
- Available in white, almond or clay.
- Heavy-duty Encore Hardware by Truth.
- Concealed, adjustable E-Gard coated hinges and operating hardware by Truth, providing reliable and durable performance.
- Warm-Edge Technology incorporated into 3/4" overall glazing is standard for maximum energy efficiency.
- High performance glazing options include Low-E coatings, tints, solar-cool reflective glass, and argon gas.
- Wide variety of internal grid styles and patterns available, or design your own. Choose from Standard in white, almond, clay and bronze, Euro in white, almond and clay, Pencil in white, brass and silver, Slimline in white, gold and pewter.
- Removable interior screens.

DETAILED SPECIFICATIONS

Frame Width	3.25"	Minimum Unit Size (RO)	19½" x 17½"
IG Glass Thickness OA	3/4"	Maximum Unit Size (RO)	48" x 48"
Air Space	9/16"	Egress (minimum size)	N/A
Grid Size (standard)	5/8"	Handing	N/A
Wall Thickness	0.071"		

STRUCTURAL VALUE	Structural Rating	Test	Operation
9400	AP-LC30	48" x 36"	X
Awning	AP-LC25	48" x 48"	X

U-VALUES	Testing Data	Ec	Ec w/ argon	Ec+	Ec+ w/ argon
9400	U-Value	.30*	.27*	.30*	.27*
Awning	SHGC**	.26	.26	.19	.19

*Energy Star rated for various national zones. Please visit energystar.gov to view specific zone requirements. ** (With no internal muntins)
All values are subject to change without notice, based on testing and certification cycles.

CUSTOM MANUFACTURED BY:

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9300 CASEMENT

FEATURES

- Rigid multi-chambered PVC extrusions providing structural integrity and high-sound and thermal insulation qualities.
- Precision mitered and heat-fusion welded corners.
- Integral vinyl pre-punched nailing flange for fast and efficient installation (1/4" set-back).
- High-performance triple weather stripping minimizing air infiltration, reducing energy costs.
- Available in white, almond or clay.
- Encore from Truth Hardware is an innovative operator that offers an interchangeable cover and folding handle design. It provides reliable, durable and corrosion resistant performance.
- Encore hardware is available in standard packages with E-Gard coating or in stainless steel for coastal applications.
- Warm-Edge Technology incorporated into 3/4" overall glazing is standard for maximum energy efficiency.
- High-performance glazing options include Low-E coatings, tints, solar-cool reflective glass, and argon gas.
- Wide variety of internal grid styles and patterns available, or design your own. Choose from Standard in white, almond, clay and bronze, Euro in white, almond and clay, Pencil in white, brass and silver, Slimline in white, gold and pewter.
- Multi-point locking system provides a sleek look, ease of operation and additional security.
- Beveled sash opens a full 90 degrees (with standard hardware), allowing for easy cleaning of exterior glass.
- Removable interior screens.

DETAILED SPECIFICATIONS

Frame Width	3.25"	Minimum Unit Size (RO)	18" x 24"
IG Glass Thickness OA	3/4"	Maximum Unit Size (RO)	30" x 72"
Air Space	9/16"		36" x 60"
Grid Size (standard)	5/8"	Egress (minimum size)	30" x 48"
Wall Thickness	0.071"	Handing	Left/Right

STRUCTURAL VALUE	Structural Rating	Test	Operation
9300	C-C50	30" x 72"	X
Casement	C-C45	36" x 60"	X

U-VALUES	Testing Data	Ec	Ec w/ argon	Ec+	Ec+ w/ argon
9300	U-Value	.30*	.28*	.29*	.26
Casement	SHGC**	.26	.26	.19	.19

*Energy Star rated for various national zones. Please visit energystar.gov to view specific zone requirements. ** (With no internal muntins)
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WARRANTY

Each vinyl window product is guaranteed for the lifetime of the original homeowner. Please refer to actual warranty (available upon request) for details and transferability.

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