

Featuring
Tilt-n-Lock
HARDWARE

VIWINCO[™]
VINYL WINDOWS



Cambridge Replacement Windows
Setting higher standards.

Viwinco — Custom-made for you in one week.

Double-Hung · Single-Hung · Picture



High-end functionality and good looks standard.

When Viwinco designed its replacement windows, we committed to building in quality every step of the way – from the frame to the glass and everything in between. Because of our streamlined manufacturing processes, we are able to craft our windows with many high-end features standard at a very affordable price.

Featuring our patented and exclusive Tilt-n-Lock technology!

While few, if any, people like cleaning windows, our patented technology makes this household chore a breeze.

- One-hand operation for opening, closing and tilting
- Cleaner sight lines to enjoy your view

Literally made just for you!

Every Cambridge window is crafted to your exact dimensions, allowing for easier installation with no filling or patching.

Energy efficient because it's the right thing to do!

Tax rebates and Energy Star guidelines helped the window manufacturing industry raise the bar. But when rebates were reduced, many manufacturers took out energy-saving features to save money. Not Viwinco.

- 15/16" double-strength insulated glass with Solarban® 60 low-e glass, performs 39% better than standard clear insulated glass
- Intercept® ULTRA stainless steel warm-edge spacer
- Argon gas fill

High design pressure (DP) ratings – on our AAMA gold labels!

How will your windows hold up to air infiltration, rain and wind loads? DP ratings help you cut through the industry lingo and see performance with an objective number based on American Architectural Manufacturers Association (AAMA) standards. The higher a DP rating, the more resistant it is to Nature's forces.

- Cambridge minimum rating: DP45 single- and double-hung

Compare Cambridge window benefits to

Featuring Tilt-n-Lock HARDWARE

Exclusive Technology:

- One-hand operation
- Clean sight lines
- Easier cleaning



Locked Position

Sash is securely locked. Hidden tilt latches are housed in sash channel for added strength.



Unlocked Position

At the 150-degree position, the hidden tilt latches are engaged with the jamb and you can lift the sash.



Tilt-In Position

When you move the lever to 180-degrees, the hidden tilt latches clear the jamb channel, allowing the sash to easily tilt toward you.

ure • Slider • Bay & Bow

Lifetime warranty coverage for lifetime peace of mind!

We believe in the quality of our products which is why we stand behind them with a lifetime warranty on the sash, frame and hardware for as long as you own your home and transferable if you sell it.

- 100% coverage on materials and labor to repair or replace any defect within first year of installation (original homeowner)
- Lifetime glass breakage coverage to original owner

Superior options:

- Grids sealed between glass for easy cleaning (two styles)
- Simulated divided lites (SDLs) for historic flair

Additional standard features:

1. Structurally strong and thermally efficient with fully fusion-welded vinyl frames
2. Beveled exterior for traditional styling
3. Dual nite-vents limit sash travel for enhanced security and ventilation
4. Sash interlock for added security
5. Unique triple weather-stripping for enhanced thermal efficiency
6. Stainless steel 3/4" balance never needs adjusting
7. 5-degree true-sloped sill for traditional appearance
8. Screen track keeps screen in place to better block insects
9. Weather-stripped sill dam fights drafts and water infiltration



Cambridge double-hung windows with simulated divided lites bring together historic preservation and thermal efficiency.



others and see how Viw no is setting a higher standard.

Please visit our website for more information www.viwno.com

The Perfect Blend of Beauty and Functionality

From our fusion-welded frame and sash to beveled detailing, we craft our Cambridge replacement windows to not only look great but to perform even better. Get the energy-savings and guaranteed performance you're looking for with Cambridge.

- Featuring our patented Tilt-n-Lock technology
- 15/16" double-strength insulated glass with Solarban® 60 low-e glass
- Meets Energy Star® guidelines for thermal efficiency



Thermal Performance

Glazing	Window Style	Total Unit U-Value	Visible Light Transmittance		Daylight Transmittance	Tdw-ISO	SHGC		Condensation Resistance
			Grids	No Grids			Grids	No Grids	
Solarban® 60*	Double-Hung	0.30	0.47	0.53	72%	0.559	0.26	0.28	56
Low-Conductance	Single-Hung	0.30	0.46	0.52	72%	0.559	0.25	0.28	60
Spacer and Argon	Picture	0.27	0.51	0.57	72%	0.559	0.28	0.31	61
	Slider	0.29	0.44	0.49	72%	0.559	0.24	0.27	59

Window Style Size: Double-Hung 47-1/4"x59" Single-Hung 47-1/4"x59" * Solarban® is a registered trademark of PPG Industries.

Air, Water and Structural Performance

Window Style	Individual Unit Size	Total Unit Muller Unit Size	Air Infiltration @ 25 MPH	Overall Water (PSF)	Structural Rating	Grade Rating	Sound Transmission				
							Window Style	Unit Size	IG Unit	STC	OITC
Double-Hung	48"x72"	n/a	.10 CFM	7.52	50	R50	DH	47 1/4"x59"	15/16"	26	22
Single-Hung	48"x72"	n/a	.07 CFM	8.36	55	R55	SH	47 1/4"x59"	15/16"	27	22
Double-Hung Oriel	36"x66"	n/a	.06 CFM	7.52	70	R50	Picture	47 1/4"x59"	15/16"	27	21
Double-Hung Reverse Oriel	48"x72"	n/a	.11 CFM	7.52	50	R50	Slider	59"x47 1/4"	15/16"	28	23
Single-Hung Oriel	36"x72"	n/a	.05 CFM	7.52	50	R50					
Single-Hung Reverse Oriel	36"x72"	n/a	.03 CFM	6.06	40	R40					
Triple Double-Hung	52"x80"	157"x80"	.10 CFM	7.52	40	R40					
Picture	96"x48"	n/a	.01 CFM	12.12	70	R70					
2-Lite Slider	96"x48"	n/a	.15 CFM	9.20	50	R45					
3-Lite Slider 1/4"-1/2"-1/4"	138"x60"	n/a	.08 CFM	8.36	25	R25					
3-Lite Slider 1/2"-1/2"-1/2"	138"x60"	n/a	.11 CFM	8.36	30	R30					

Test Method for All Listed Window Styles: AAMA/WDMA/CSA 1011/I.S.2/A440-05

Sound Transmission

Window Style	Unit Size	IG Unit	STC	OITC
DH	47 1/4"x59"	15/16"	26	22
SH	47 1/4"x59"	15/16"	27	22
Picture	47 1/4"x59"	15/16"	27	21
Slider	59"x47 1/4"	15/16"	28	23

Glazing for All Tested Units: 1/8" annealed, 1/2" spacer, 1/8" annealed. STC rating was calculated in accordance with ASTM E 413.

Commercial ratings also available.

Experience the Viwinco difference for yourself.

Ask your contractor or local building material distributor about Viwinco today.