

**The V46 American Series Vinyl Windows.
Elegant, efficient, and affordable.**



AmericanWindowSystems.com

*Traditional architectural styling
increases both beauty and durability.*

Single Hung | Single Sliding | Picture | Casement & Awning



The V46 American Series Vinyl Windows

V46 American Single Hung

FEATURES & BENEFITS

- HS-R30 Performance.
- Exterior bevel frame with sloped sill.
- Dual Sweep Lock. Exceeds forced entry requirements.
- ¾" OA Insulated glass standard.
- Dual weather-stripping.
- Full 1½" integral nailfin.
- Full span interlocking and reinforced sashes.
- 2 7/8" Double wall frame for increased rigidity and thermal performance.
- Constant force balance standard.
- Integrated straight, bay and bow mull available.
- Optional two piece field mulling system.
- Low E3 double strength glass standard

NFRC Values

GLASS	U-Value	SHGC Value
Clear	.50	.68
Low-E 366 Air	.33	.23
Low-E 366 Arg	.30	.22

Structural Performance

Air Infiltration	@25 MPH	.14 cfm/ft
Water Penetration		6.0 psf
Uniform Loads		+/- 60.0 psf



V46 American Single Slider

NFRC Values

GLASS	U-Value	SHGC Value
Clear	.52	.68
Low-E 366 Air	.33	.23
Low-E 366 Arg	.30	.22

Structural Performance

Air Infiltration	@25 MPH	.16 cfm/ft
Water Penetration		5.25 psf
Uniform Loads		+/- 60.0 psf



FEATURES & BENEFITS

- HS-R30 Performance.
- Exterior bevel frame with sloped sill.
- Dual Sweep Lock. Exceeds forced entry requirements.
- ¾" OA Insulated glass standard.
- Dual weather-stripping.
- Full 1½" integral nailfin, optional.
- Full span interlocking and reinforced sashes.
- 2 7/8" Double wall frame for increased rigidity and thermal performance.
- Tandem brass roller for ease of operation and durability.
- Integrated straight, bay and bow mull available.
- Optional two piece field mulling system.
- Low E3 double strength glass standard

V46 American Picture Window

NFRC Values

GLASS	U-Value	SHGC Value
Clear	.46	.65
Low-E 366 Air	.31	.24
Low-E 366 Arg	.28	.24

Structural Performance

Air Infiltration	@25 MPH	.01 cfm/ft
Water Penetration		7.50 psf
Uniform Loads		+/- 75.0 psf



FEATURES & BENEFITS

- HS-R30 Performance.
- 3/4" OA Insulated glass standard.
- Full 1 1/2" integral nailfin optional.
- 2 7/8" Double wall frame for increased rigidity and thermal performance.
- Integrated straight, bay and bow mull available.
- Optional two piece field mulling system.
- Low E3 double strength glass standard

V25 Casement & Awning Windows

FEATURES & BENEFITS

- HS-R30 Performance.
- Special sill design provides water run off and an extra weather-tight seal.
- All mitered sash designs lend pleasing lines for a beautiful appearance.
- Multi-point locking provides extra weather tightness and security.
- The beauty of a picture window with full sash that opens 90° for maximum ventilation.
- Low-E 3 double strength glass keeps your home comfortable and quiet.
- Bulb seal surrounds the sash for a tighter seal.
- Fold down crank handle is a standard option.

NFRC Values

GLASS	U-Value	SHGC Value
Clear	.41	.52
Low-E 366 Air	.29	.19
Low-E 366 Arg	.26	.19

Structural Performance

Air Infiltration	@25 MPH	.01 cfm/ft
Water Penetration		7.5 psf
Uniform Loads		+/- 75.0 psf



TOUGH COLORS AND FINISHES THAT ENHANCE YOUR HOME'S BEAUTY

We understand that it's also important for a window frame, even if it's the most energy-efficient available, to look attractive and add style to your home.

Standard interior and exterior colors are White, Almond or Clay offering smooth clean lines to your home's design.



White

Almond

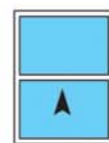
Clay

- The classic beveled frame styling increases both beauty and durability.
- Multi-chambered frame design provides excellent energy efficiency.
- "Colonial" window grids fit between the layers of glass so no cleaning is needed (optional).
- 3/4" OA Cardinal Low E 366 glass provides superior thermal and sound insulation.
- Dura-Seal spacer utilizes warm edge technology for increased energy savings in our glass units.
- Multi-chambered, aluminum-reinforced center bar for extra strength.
- Tilt-in lower sash for ease of cleaning.
- New construction nailing fin for easy installation in new or room additions (optional)
- Heavy duty stainless steel balance system allows the sash to remain open in any position.

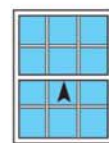
Not only does AWS have multiple window style options for homeowners, but we also have multiple window shapes to fit your needs. You can choose the color of windows and the grid patterns to fit your personal style preferences.

STYLES TO FIT YOUR HOME

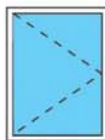
V46 American, available in the following styles:



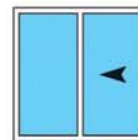
Single Hung



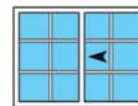
Single Hung with Grids



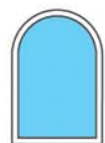
Casement



Single Slider



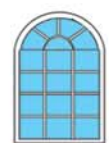
Horizontal Slider with Grids



Round Top



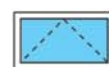
Operating Round Top



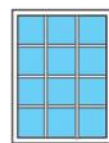
Round Top with Grids



Half Circle



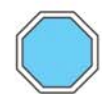
Awning



Fixed Picture with Grids



Circle



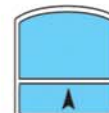
Octagon



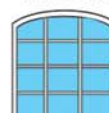
Half Circle with Grids



Eyebrow



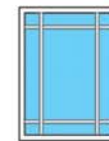
Operating Eyebrow



Fixed Eyebrow with Grids



Trapezoid



Picture with Perimeter Grids



Triangle



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