

AMERICAN WINDOW SYSTEMS - V31 SERIES

The American Window Systems V31 window combines all of the features that you want in a window. It provides ease of operation and excellent performance. Its welded sash and frame gives a generous expanse of glass for a greater viewing area and increased structural integrity.

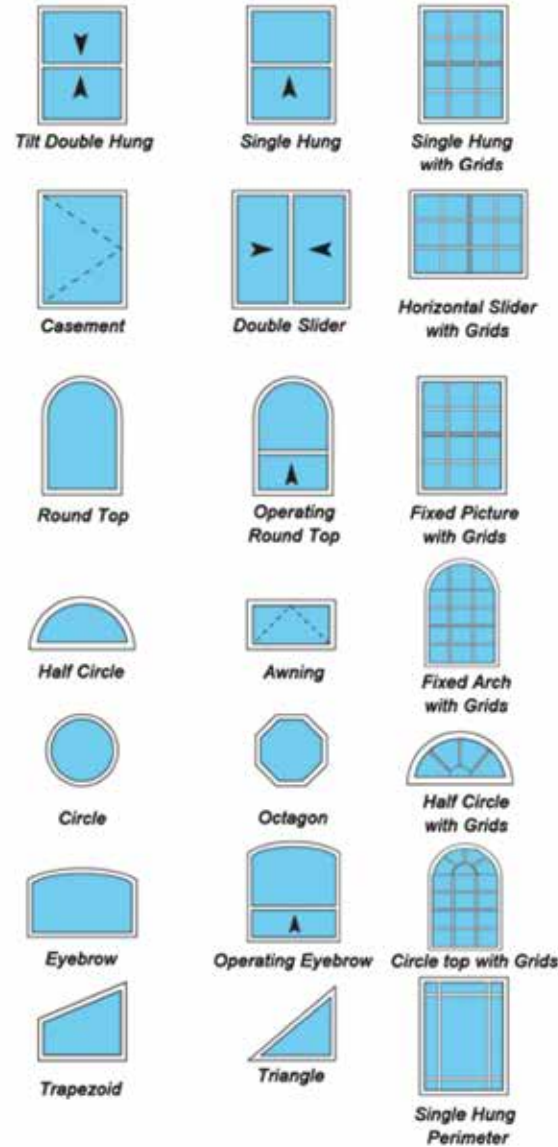
For enhanced energy efficiency, it has heavy-duty weather stripping around a deep pocket interlock. Window is available in optional auto-locks.

Features & Benefits:

- New Construction nailing fin for easy installation. Removal optional.
- 3/4" divided lite grids fit between the layers of glass.
- 2 5/8" frame depth to fit any standard window jamb.
- 3/4" OA insulated glass utilizing Low E3 double strength glass provides superior thermal insulation.
- Dura Seal glass utilizes warm edge technology for increased energy savings.
- Multi-chambered, aluminum-reinforced center bar and lift rail for extra strength.
- Heavy, duty, stainless steel, constant force balance system allows the sash to remain open in any position.

STYLES TO FIT YOUR HOME

American Window Systems windows are available in the following window styles:



The V31 Vinyl Window Series



AWS
 AMERICAN WINDOW SYSTEMS
 6201-C Dowdell Road
 Fort Worth, Texas 76119
 817-654-9050

*Traditional architectural styling
 increases both beauty and durability.*

Single Hung | Single Sliding | Picture Window



AmericanWindowSystems.com

V31 Single Hung

NFRC Values

GLASS	U-Value	SHGC VALUE
Clear	.48	.63
Low-E 366 Air	.33	.23
Low-E 366 Arg	.29	.22

Structural Performance

Air Infiltration	@25MPH	.08cfm/ft ²
Water Penetration		4.5psf
Uniform Loads		+/- 52.5psf

AAMA RATING: H-R30



- FEATURES & BENEFITS**
- Dual Sweep Lock. Exceeds forced entry requirements.
 - 3/4" Insulated glass standard.
 - Dual weather-stripping.
 - Full 1 1/8" integral nail fin (removal option).
 - 2 5/8" Double wall frame for increased rigidity and thermal performance.
 - Constant force balance standard.
 - Integrated straight, bay and bow mull available.
 - Low E3 Double Strength glass standard.
 - Lock and meeting rails reinforced.

V31 Single Slider

NFRC Values

GLASS	U-Value	SHGC VALUE
Clear	.48	.61
Low-E 366 Air	.33	.22
Low-E 366 Arg	.30	.22

Structural Performance

Air Infiltration	@25MPH	.08cfm/ft ²
Water Penetration		5.25psf
Uniform Loads		+/- 52.5psf

AAMA RATING: C-R30



- FEATURES & BENEFITS**
- 3/4" OA insulated glass standard.
 - Full 1 1/8" integral nailfin included (removal optional).
 - Dual weather-stripping.
 - Full span reinforced interlocking sashes.
 - 2 5/8" Double wall frame for increased rigidity and thermal performance.
 - Integrated straight, bay and bow mull available.
 - Optional two piece field muling system and heavy duty mulls available.
 - Tandem brass rollers for ease of operation and durability.
 - Low E3 double strength glass standard.

V31 Picture Window

NFRC Values

GLASS	U-Value	SHGC VALUE
Clear	.46	.69
Low-E 366 Air	.30	.25
Low-E 366 Arg	.26	.24

Structural Performance

Air Infiltration	@25MPH	.01cfm/ft ²
Water Penetration		7.5psf
Uniform Loads		+/- 75.0psf

AAMA RATING: FW-C30



- FEATURES & BENEFITS**
- 3/4" OA insulated glass standard.
 - Full 1 1/8" integral nailfin included (removal optional).
 - 2 5/8" Double wall frame for increased rigidity and thermal performance.
 - Integrated straight, bay and bow mull available.
 - Optional two piece field muling system and heavy duty mulls available.
 - Low E3 Double Strength glass standard.
 - Full family of Single Hung, Single Slider, 3-lite Slider and Picture Windows.

Color Scheme

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

TOUGH COLORS AND FINISHES THAT ENHANCE YOUR HOME'S BEAUTY

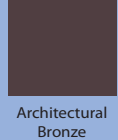
We understand that it's also important for a window frame, even if it's the most energy-efficient available, to look attractive and add style to your home.

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



Optional pre-finished Supr Hard Sytrene Color Cap exterior color.

Bronze exterior available over white or clay interior.



SUPER HARD SYTRENE COLOR CAP (SHS COLOR CAP)

Our SHS Color Cap is a breakthrough performance of formulation acrylic-styrene-acrylonitrile that is co-extruded and thermally fused color layer. SHS Color Cap is much more resistant to color fading, chalking or scratching than other products used with vinyl in the manufacturing of windows and doors. It's especially suited for outdoor commercial and residential applications for beauty that lasts.

Features and Benefits

- Long-lasting colors reflecting 78 percent of infrared light will not crack, chip, flake, chalk or delaminate.
- 450 percent thicker than typical paint layers and 12 times harder.
- Highly scratch-resistant color layer handles jobsite abuses better than paint, saving time and cost.
- Profile dimensional performance and color retention are backed by our industry leading warranty.
- Co-extruded, thermally fused acrylic color layer provides superior surface durability.