

## V46 American Picture Window

### NFRC Values

GLASS	U-Value	SHGC Value
Clear	.48	.68
Low-E 366 Air	.31	.25
Low-E 366 Arg	.28	.25

### Structural Performance

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



### FEATURES & BENEFITS

- HS-R35 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

- 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	.48	.68
Low-E 366 Air	.31	.25
Low-E 366 Arg	.28	.25

### Structural Performance

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



# The V46 American Series Vinyl Windows

## V46 American Single Hung

### FEATURES & BENEFITS

- HS-R35 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	.23

### Structural Performance

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



### FEATURES & BENEFITS

- HS-R35 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