

# 144 Solstice Series



**Give Your  
Home  
A Unique  
Appearance**

# 144 Series Window Features You Expect

**Heavy Walled Construction:**  
0.080" thick walls

**Fusion Welded Frame and Sash:**  
The utmost in strength and integrity

**Night Vent Latch:**  
Allows for ventilation with security.

**Dual Tilt In Sashes:**  
Both sashes tilt in for easy cleaning

**Interlocking Meeting Rail:**  
Integral interlock provides additional security.

**Stainless Steel Constant Force Balance:**  
Trouble free, maintenance free. Provides smooth operation

**Two Layers of Weather Striping:**  
Each with double mylar fins for resistance to air and water infiltration

**Fiberglass Insulation:**  
In frame and sash for maximum energy savings and efficiency

**Deeply Pocketed Head:**  
With weatherstripping to resist air infiltration

**Warm Edge Technology:**  
Low-Conductivity spacer provides barrier to heat transfer in insulating Glass unit

**Heavy Duty Die Cast Locks:**  
Securely attached to both vinyl sash and reinforcement.

**Optional Dual Tech Lock and Keeper:**  
Cam action actually draws sash closer together for positive lock

**Innergy™ Rigid Thermal Reinforcement:**  
Innovative, superior, energy-efficient alternative to aluminum reinforcement.

**3/4" Insulating Glass:**  
Standard LowE glass, using a high tech coating specifically chosen for maximum regional thermal efficiency

**Equal Lite Sashes:**  
Same size glass on both sashes creates look of wood

**Positive Sloped Sill:**  
Provides water runoff, even in driving rain

**U-Value .26**



**Optional Dual Tech Lock System:**  
The lock activates the tilt latch and is hidden from the outside of the home.

- Maintenance Freedom**
- Vinyl windows are built to last and will never chip, rot, peel, or rust.
  - Virgin Vinyl never needs painting. Color goes all the way through.
  - They clean easily with a mild soap and water solution.

- Energy Efficiency**
- Two layers of dual fin weatherstripping minimizes air infiltration.
  - Innergy™ is the innovative, energy-efficient alternative to aluminum reinforcement.
  - DuraLite® the leading warm edge spacer system reduces heat loss and condensation.
  - ENERGY STAR CERTIFIED by the DOE & EPA for the entire United States. Our windows can be 88% more energy efficient than clear glass and reduce UV rays by up to 94%.
  - Our ENERGY STAR CERTIFIED product can reduce heating and cooling costs.

- Color Choices**
- Standard Solid Creme White
  - Optional Desert Tan
  - 10 optional exterior colors



# Selecting A Superior Window



**The Double Hung**



**The Slider Window**



**The Casement Window**

## Value

The 144 Series Window System represents state of the art design in window systems, among the most advanced in the industry. We offer styles and options to fit any architectural requirements – both contemporary and classic. We build to a quality level achieved from years of experience and back it with our Lifetime Limited Warranty.

- Each window is custom made to fit specific window openings and decors.
- Contour Beveled Exterior.
- Half screens standard; full screens also available.

## 2 Lite & 3 Lite Sliders

Sliders provide easy horizontal sash movement and are a practical alternative window to use where access may be difficult, such as above kitchen sinks. They are the choice of homeowners who appreciate the exquisite design - and the unobstructed view this style provides. These windows glide smoothly with the push of a finger to let in fresh air and open for cleaning.

- Sashes lift out for easy cleaning. But for added security, only lift out from the inside.
- Heavy duty brass ball bearing rollers allow easy operation.
- Independent weep holes for excellent drainage.
- Sashes have equal-size glass for an appealing appearance. (2 lite only)

## Casement/Awning

Classic beauty and effortless operation makes this a one-of-a-kind casement window system. A beveled frame, slim lines, and maximum glass exposure combine to create a sleek appearance. Our corrosion-resistant hinge and operator arm hardware are made with advanced technology stainless steel. They offer beauty and excellent security as well.

- Beveled Exterior Frame
- Custom Heavy Duty Casement Hardware
- Automotive-Type Glazing
- Multi-Point Locking
- Heavy-Duty Aluminum Screens
- Mylar Poly-Fin Weather Stripping
- Q-Lon™ Ultra-Compression Weather Seal

# 144 Series... A Variety Of Window Styles



**The Patio Door**



**The Bay Window**



**The Bow Window**

## Make a Grand Entrance

This heavy-duty, virtually maintenance-free door slides effortlessly on adjustable tandem ball-bearing rollers and a stainless steel track. It also features fusion-welded frame and sash construction, 7/8" thick double-pane insulated glass, a heavy-duty extruded aluminum screen, and a standard pedi-deadbolt lock that eliminates the need for a "Charlie-bar."

## Optional features include:

- High performance low E glass with argon gas fill
- "Hurricane Package" for withstanding the rigorous requirements for a Design Pressure Rating of 50
- Decorative grids between the glass panes
- V-groove bevel glass grid pattern
- Multipoint locking system
- Brass hardware

## Elements of Styles

Having a Bow or Bay Window System in your home will not leave you at a loss for words when it comes to the benefits they provide. More Light. An expanded view of the outdoors. A place to curl up and read- or showcase your treasures. Elegant, unique beauty. Our bays and bows are fully customizable to match your home décor. Choose from a width range of 49" to 144"; any of our stylish grid options or none at all; 10°, 30° or 45° bay windows; four lite or five lite bow windows. Center and end vents are available in picture window, double hung or casement in the combination of your choosing. Jamb widths are also customizable to suit your every need.

## Optional features include:

- Double-Hung, Casement and Picture
- Custom Sizing and Projection
- Hand-Crafted Oak or Birch Wood Seatboards and Trim
- Decorative Glass Options
- Optional Insulated Seatboard



# State Of The Art In Performance Technologies

## Be Comfortable With Your Energy Bill

The high energy performance of Slocomb windows have the combined factors of a Warm Edge spacer and High Performance Low-E glass. Combine these technologies with an Argon gas fill and you will maximize your energy performance and decrease your heating and cooling costs. In the winter months, Low-E helps keep heated air inside and cold air outside. In the summer, Low-E helps keep cool air in and hot air out. Low-E also blocks up to 94% of the harmful ultraviolet rays which can fade carpets, draperies and artwork. In addition since Argon gas is six times more dense than air, it greatly reduces the transfer of hot and cold-adding even more thermal efficiency. It is this combination of Warm Edge and Low-E/Argon filled glass that helps you save on your heating and cooling costs.



## COMPARE THE FEATURES & BENEFITS OF INSULATING GLASS

### Standard Clear Insulating Glass

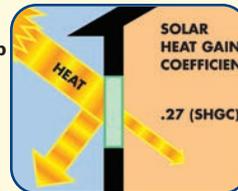


### Cooler In The Summer

The total solar energy transmitted through Slocomb High Performance Low-E Glass is almost 63% less than that transmitted by standard clear insulating glass.

- Lower SHGC numbers mean less summer heat
- Keeps interiors cooler
- Helps reduce cooling energy cost

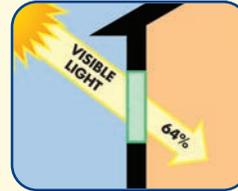
### High Performance Low-E Glass



### Transmits Visible Light

Slocomb High Performance Low-E Glass transmits about 80% as much desirable visible light as standard clear insulating glass.

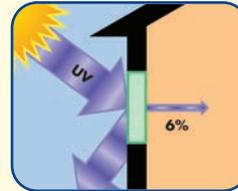
- Provides exterior appearance similar to clear glass
- Provides glare control in bright, sunny climates



### Reduces Ultraviolet Energy

Slocomb High Performance Low-E Glass reduces fabric-fading UV energy 90% more effectively than standard clear insulating glass.

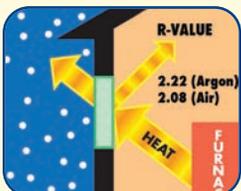
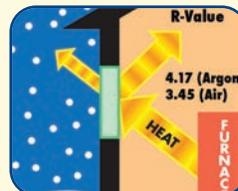
- Helps protect interior furnishings, fabrics and carpets from fading



### Warmer In The Winter

The winter nighttime R-Value (insulating value) of Slocomb High Performance Low-E Glass is as much as 88% better than standard clear insulating glass.

- Higher R-values mean higher performance
- Reduces furnace heat loss
- Helps reduce heating energy



## Superior Energy Savings Performance

144 Double Hung

U-Value .26

R-Value 4

\*With LowE, Argon and Insulated Frame and Sash.

Superior energy savings and thermal performance of .26 U-factor exceeds all NFRC and ENERGY STAR requirements.

\*Optional



**ENERGY STAR® Qualified in All 50 States**

**SLOCOMB WINDOW AND DOORS, INC.**  
144 Double Hung  
Vinyl frame, Double glazed  
Low E coating (e=.018)  
Argon/air filled  
EWG-K-3-12661-00001

ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
<b>.26</b>	<b>.21</b>
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Air Leakage (U.S./I-P)
<b>.49</b>	<b>≤ 0.3</b>

Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product site. NFRC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information.

# UltraFlect... The Top Performing Dual Glass Option

## UltraFlect Achieving A Center of Glass R-Value of 5.00

Only **UltraFlect** combines proven technologies in high tech glass coatings, spacer systems, and gas filling to produce the most thermally efficient heat reflective and durable insulated glass package:

**3** layers of Silver Oxide (11 total layers)  
Protected inside the dry air space.  
Specially formulated and positioned to best reflect sun's rays outside.

**1** ceramic layer of Tin Oxide permanently bonded into the glass surface. Specially formulated and positioned to best reflect heat energy from your furnace inside.

**Keeps Summer Heat Outside**

**Keeps Winter Heat Inside**



**Duralite™**

Duralite® warm edge spacer system seals glass unit and insulates the edge.

Argon Gas fill provides an insulation barrier.

\* **Optional**

### Independent Laboratory Test Results

**U-Factor = 0.22**  
• **SHGC = 0.18**  
• **VT = .41**

Optional UltraFlect exceeds all ENERGY STAR qualifications, including the new standards that went into effect January 2010, and is eligible for a federal tax credit under Section 25C

**WARNING:** Some companies quote center-of-glass or other U-Factor and Solar Heat Gain Coefficients. (Some don't even know the difference, Don't be fooled!)

**ASK TO SEE THE NFRC RATING STICKER, and COMPARE.**

\* **Optional**



**Slocomb**  
WINDOWS AND DOORS, INC.  
Manufacturers of Quality Replacement Products



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