

# 677 Windows Series



*Give Your  
Home  
a Unique  
Appearance*



# Selecting A Superior Window

## The 677 Series Window System

When it comes to selecting windows for your home, you won't find a finer product than the 677 Window. Our windows are backed by the Good Housekeeping Seal and are engineered and built to give you the highest possible thermal performance, easy fingertip operation, exquisite beauty and they won't require maintenance to keep them working and looking great for decades.

## Double Hung Tilt-In Window Systems

The ultimate in vinyl window technology, both frame and sash parts of our window systems are fusion welded. No screws, no gaps, just outstanding performance and ENERGY STAR efficiency in an exceptional slim-line window design.

- Half screens standard; Optional full screens also available.
- Companion Bows, Bays, Casements, Patio Doors and Architectural Shapes.

## Color Options

Standard solid color Creme White or Optional Desert Tan; Natural Oak or Cherry interior Wood Grain with Creme White or Desert Tan exterior; Bronze or Cocoa exterior over Creme White interior.

## 2 Lite & 3 Lite Sliders

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



# 677 Series Window Features You Expect

- 1. HeavyWalled Construction:**  
0.080" thick walls
- 2. FusionWelded Frame and Sash:**  
The utmost in strength and integrity
- 3. Night Vent Latch:** Allows for ventilation with security
- 4. Dual Tilt In Sashes:** Both sashes tilt in for easy cleaning
- 5. Interlocking Meeting Rail:** Integral interlock provides additional security.
- 6. Innergy™ Rigid Thermal Reinforcement:**  
Innovative, superior, energy-efficient alternative to aluminum reinforcement.
- 7. Stainless Steel Constant Force Balance:**  
Trouble free, maintenance free. Provides smooth operation
- 8. Duralite® Warm Edge Spacer System:**  
Maximizes window performance and longevity.
- 9. Clean Interior Millwork Appearance:**  
With equal sight lines of the sashes and no unsightly thumb buttons
- 10. Positive Sloped Sill:** Provides water runoff, even in driving rain

## Plus these additional features:

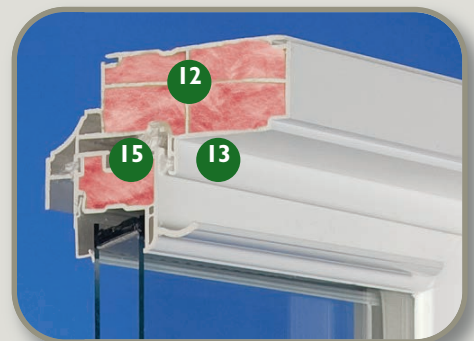
- 11. Optional UltraFlect R5-dual Low E**  
insulated glass unit with optimal air space improves year-round performance.
- 12. Fiberglass Insulation:** In frame and sash for maximum energy savings and efficiency
- 13. Deeply Pocketed Head:** With weatherstripping to resist air infiltration
- 14. Dual Tech Lock System:** The lock activates the tilt latch and is hidden from the outside of the home.
- 15. Three Layers of Weather Stripping:**  
With double mylar fins for resistance to air and water infiltration.
- 16. Fully welded double wall interior dam leg:**  
with fin-seal weather-stripping for improved strength and optimal air and water performance.
- 17. Storm Interlock:** Integral sill and meeting rail lock and prevents sash from bowing under structural stress.
- 18. Available with woodgrain interior finishes** in light oak or cherry on your choice of Creme White or Desert Tan plus 10 custom paint colors.



## Superior Performance



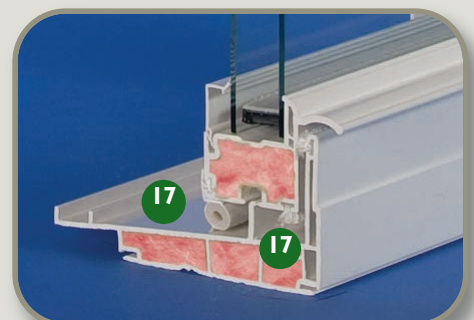
**Dual Tech Lock System:** The lock activates the tilt latch and is hidden from the outside of the home.



**Fiberglass Insulation:** 12  
In frame and sash for maximum energy savings and efficiency

**Deeply Pocketed Head:** 13  
With weatherstripping to resist air infiltration

**Three Layers of Weather Stripping:** 15  
With double mylar fins for resistance to air and water infiltration



**Storm Interlock:** 17  
Integral sill and meeting rail lock and prevents sash from bowing under structural stress

**Flexible Magnetic Bulb Seal:** 17  
Provides a superior high performance weather seal



# 677 Series... A Variety Of Window Styles



**The Bay Window**



**The Casement Window**



**The Bow Window**



**The Slider Window**

## **Casement/Awning Windows**

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.

## **2 Lite & 3 Lite Sliders**

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

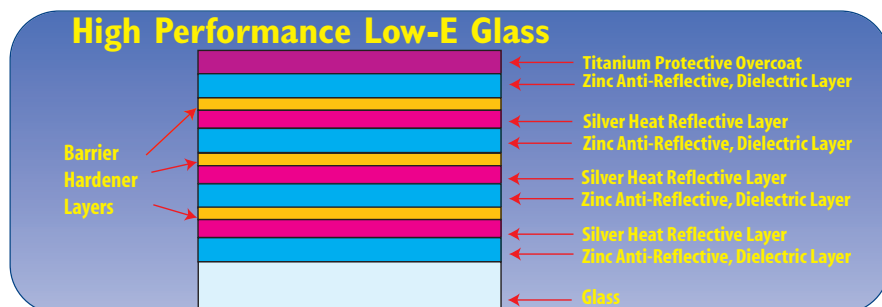
## **Elements of Styles**

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; three, four, five or six lite bow window configuration. 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.

# State Of The Art In Performance Technologies

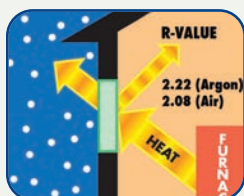
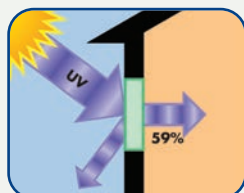
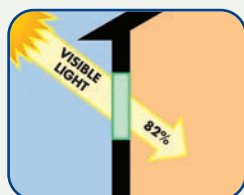
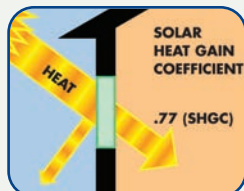
## Be Comfortable With Your Energy Bill

The high energy performance of 677 Series 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 84% 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

### 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.

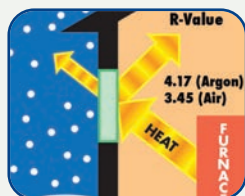
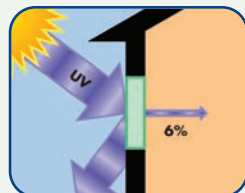
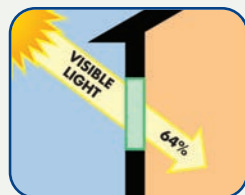
- Helps protect interior furnishings, fabrics and carpets from fading

### 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

### High Performance Low-E Glass



## Superior Energy Savings Performance

### 677 Double Hung

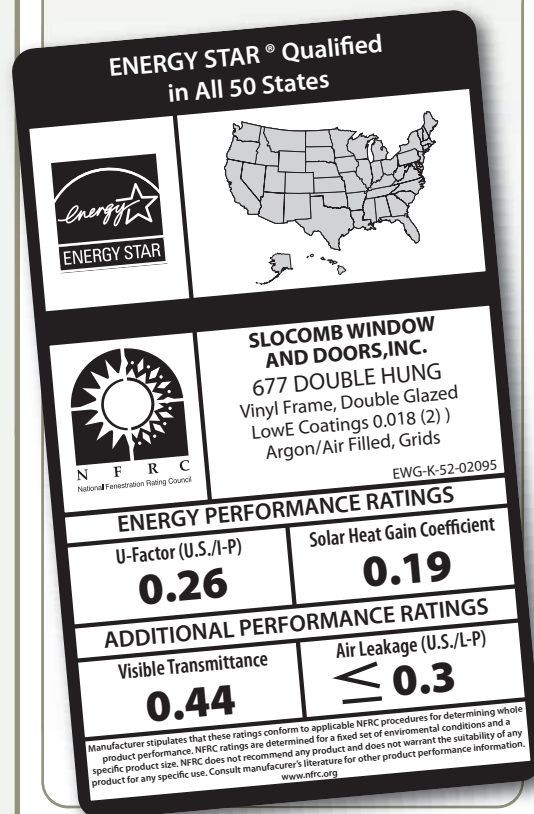
U-Value .26

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





# 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 in-  
sulates the edge.

Argon Gas fill pro-  
vides an insulation  
barrier.

**FURNACE**

\* **Optional**

### Independent Laboratory Test Results

**U-Factor = 0.22**

• **SHGC = 0.18**

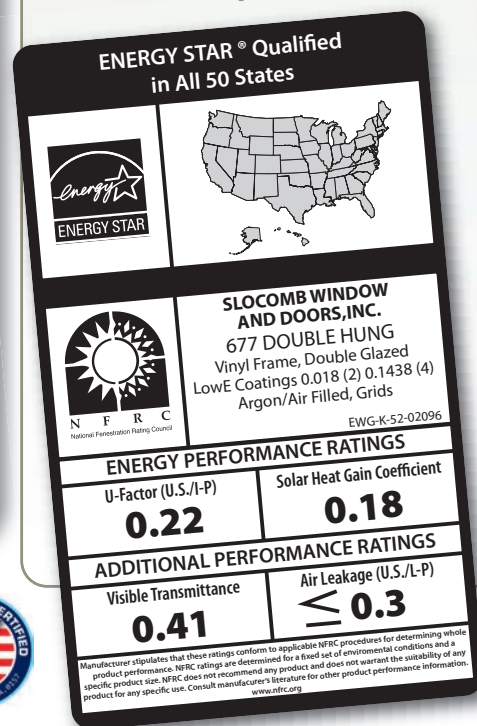
• **VT = .41**

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

[www.slocombwindows.com](http://www.slocombwindows.com)

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