

Pro-Tech₁₇₇

Advanced Technology Windows and Doors



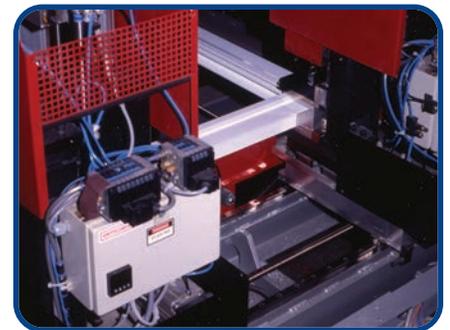
Appreciate All the Comforts of Your Home with
Premium Vinyl Windows



PRO-TECH 177 SETTING THE STANDARD IN WINDOWS



State of the Art Technology
More than thirty years of research and development are built into every fully welded Pro-Tech 177 Series replacement window, producing state-of-the-art designs using advanced production techniques. A technologically advanced fabrication process allows compound shapes to be fusion welded at sill corners, producing a window that is actually stronger than conventional welded windows. Innovative technology means unparalleled styling and top performance for homes of distinction.



Sliders and Picture Windows

In our fully welded slider and picture window, the advantages of our technology produces a sophisticated, uncluttered look.

ENGINEERED FEATURES YOU CAN EXPECT

Double-Hung Window Features and Benefits

Heavy Walled Construction:
0.080" thick walls

Deeply Pocketed Head:
With weatherstripping to resist air infiltration

7/8" Insulating Glass:
With optional Low 'E' coating specifically chosen for maximum regional thermal efficiency

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

Die Cast Cam Lock and Keeper:
Cam action actually draws sash closer together for positive lock

Interlocking Meeting Rail:
Integral interlock provides additional security.

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

Flexible Bulb Seal:
Provides a superior high performance weather seal like a refrigerator door

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

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

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

Night Vent Latch:
Allows for ventilation with security.

Low Profile Routed-in Tilt Latches:
Color matched low profile latches for a neat appearance

Composite Reinforcement:
For maximum strength and thermal efficiency

Optional Fiberglass Insulation:
In frame and sash to improve thermal performance

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

Fully Welded Double Wall Interior Dam Leg:
With fin-seal weatherstripping for improved strength and optimal air and water performance.

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

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 Ivory White or Optional Desert Tan; Natural Oak or Cherry interior Wood Grain with Ivory White or Desert Tan exterior; Bronze or Cocoa exterior over Ivory 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 tandem brass rollers allow for easy operation.
- Independent weep holes for excellent drainage.
- Sashes have equal-size glass for an appealing appearance. (2 lite only)

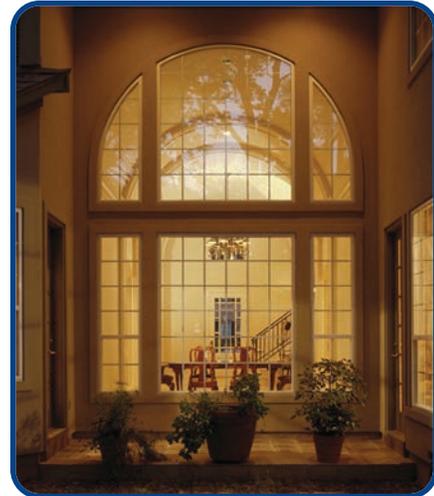


PRO-TECH 177 CASEMENT & AWNING WINDOWS



Casement 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. Advanced window technology gives the design many operational advantages.

Virtually Unlimited Styles
include awnings, left and right single casements, fixed picture windows and two, three, four & five lite multiple units. Awnings, casements, and picture windows are able to be constructed in horizontal or vertical configurations with an internal mullion system, and unlimited architectural shapes



Awning Windows

The welded awning combined with the picture window produces a sophisticated, uncluttered look with a great view.

PRO-TECH 177 BAY & BOW WINDOWS



Enduring Beauty

Enjoy contemporary styling and bring more natural light into your home with our classic bay or bow window. Distinctive, yet highly practical, these windows brighten interiors dramatically.



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; 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.



177 SERIES SLIDING PATIO DOORS



Make a Grand Entrance
Create light and inspirational views in your living space with our premium patio door. This rigid vinyl door is an inviting transition from outside to inside or from room to room. This beautifully engineered system is designed with all the performance features important to you. Weather-tight frames combined with the natural insulating qualities of vinyl greatly reduce heat and cold transfer providing year-round comfort. Made from high quality, energy-efficient, virtually maintenance-free vinyl, these doors ensure satisfaction and lasting performance.

Choose from a variety of styles that will add brightness and beauty to your home. Add side lights, custom transoms and decorative grids to express your unique taste and your homes' architectural style.



Patio Door Options

Add side lights, custom transoms and decorative grids to express your unique taste and your homes' architectural style.

The low rise sill is designed to minimize tripping and keeps water out.

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 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.



Superior Energy Savings Performance

177 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



COMPARE THE FEATURES & BENEFITS OF INSULATING GLASS

Standard Clear Insulating Glass

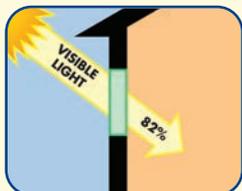


Cooler In The Summer

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

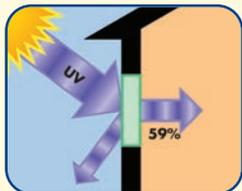
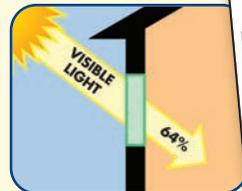
High Performance Low-E Glass



Transmits Visible Light

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

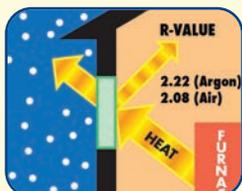
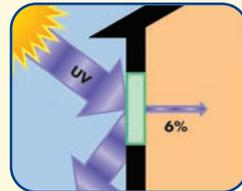
- Provides exterior appearance similar to clear glass
- Provides glare control in bright, sunny climates



Reduces Ultraviolet Energy

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

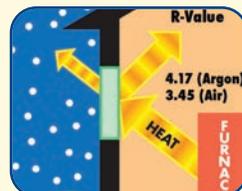
- Helps protect interior furnishings, fabrics and carpets from fading



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



ENERGY STAR® Qualified In All 50 States

SLOCOMB WINDOWS AND DOORS, INC
 177 DOUBLE HUNG
 Vinyl frame, DOUBLE GLAZED
 LOW E COATING 0.018 (2)
 Argon/air filled, Grids
 EWG-K-52-00282-00002

NFRC
 National Fenestration Rating Council
 CERTIFIED
 OS2202-A01

ENERGY PERFORMANCE RATINGS

U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
0.26	0.19
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Condensation Resistance
0.44	61

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 size. Consult manufacturer's literature for other product performance information.

UltraFlect Achieving An 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.

FURNACE

* **Optional**

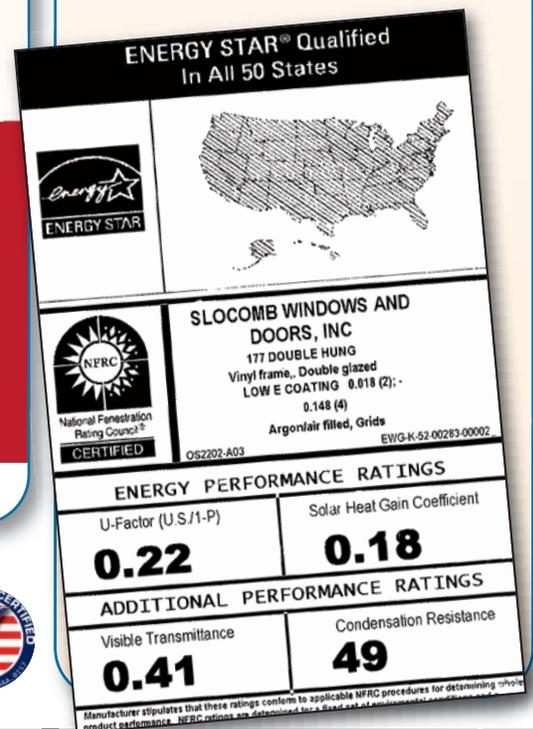
Independent Laboratory Test Results

- 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

A member of the Earthwise Group



Authorized Distributor: