



## ProTech 177 Replacement Windows



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When designing our vinyl replacement window system, we looked to nature for inspiration. The result was the Protech 177; a vinyl window system designed for durability, strength, security and uncompromising beauty.

### BUILT FOR A LIFETIME

The Protech 177 window system was designed specifically to exceed the demands of the various Northeast weather conditions. Each Protech 177 window is custom-made to the requirements of your home and is virtually impenetrable by wind or water.



### DESIGN FLEXIBILITY

We manufacture a compatible series of vinyl windows to meet virtually any design idea you may have. We can produce windows in a variety of styles, shapes, and sizes to replace those old drafty windows in your home.





## Features

- Solid virgin PVC construction
- Exterior glazing bead around the glass
- High tech fusion-welded frame and sash
- 7/8" insulated glass
- Heavy duty sash locking system
- Full 3 1/4" frame depth
- Extruded aluminum screens

## Options

- Available in a variety of optional colors
- Available in sculpted or colonial, designer, diamond, or prairie grid configurations. Simulated grids also available
- Optional Low E glass and Argon gas
- Optional tempered glass
- Optional obscure glass (frosted)

## Benefits

- Never needs painting
- Smooth interior finish
- Easy cleaning from inside the home with tilt in sash on double hung model
- Fully weather resistant to wind and water
- Maximum energy efficiency
- Custom retrofit application
- Fully weatherstripped to eliminate drafts
- Limited lifetime warranty

### GRID OPTIONS

Optional Sculpted, Colonial Grids or Simulated Divide Lite (SDL) Grids



## Color Options

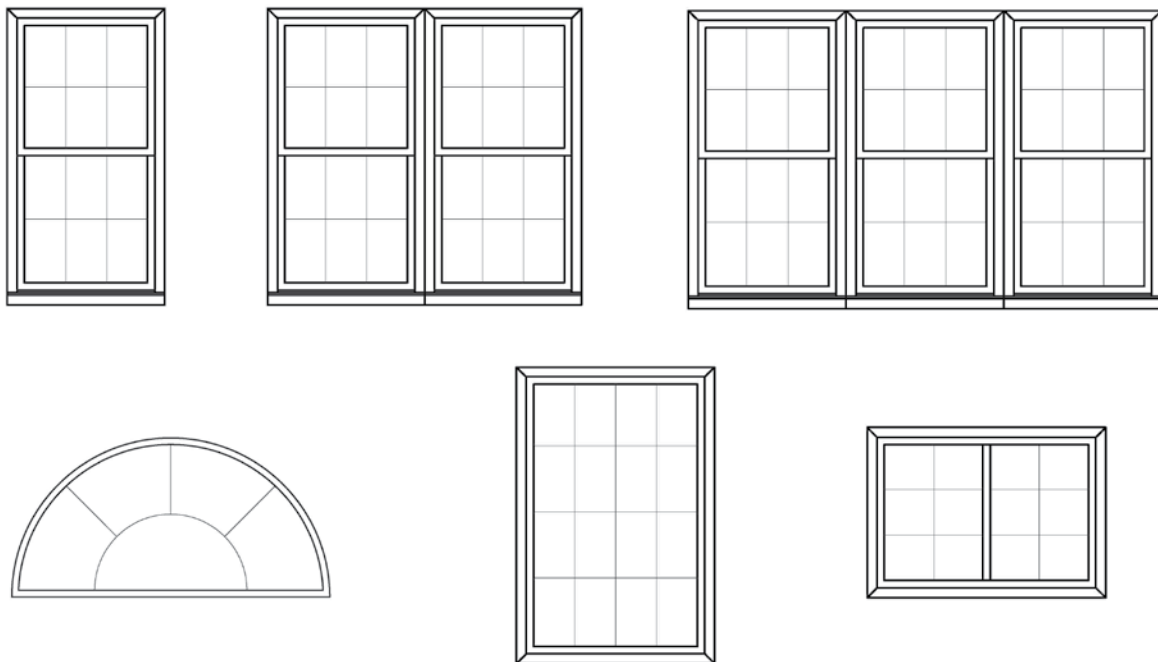
Standard solid color Creme White or Optional Desert Tan; Natural Oak or Cherry interior Wood Grain with Creme White or Desert Tan exterior; Bronze or Cocoa exterior over Creme White interior. We also offer 10 standard exterior paint colors plus custom colors from customer chips.\*



\* Customer must sign off on all custom colors.

\* Wood grain not available on jamb extensions

### CONFIGURATIONS

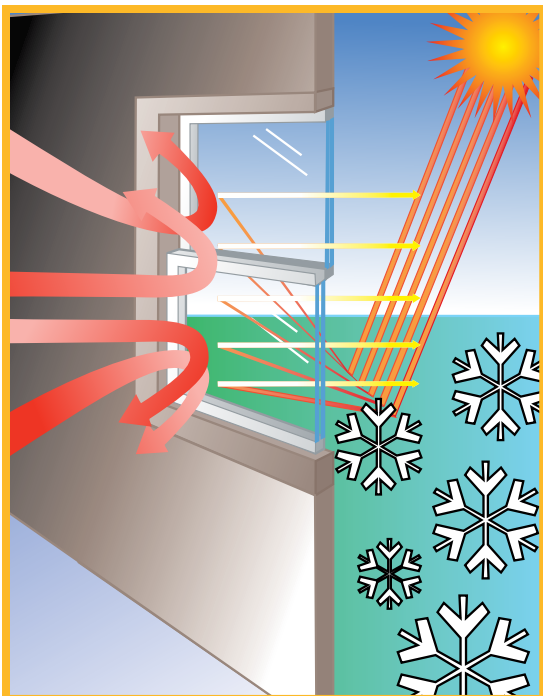


# State of the art in Performance Technologies

## Be Comfortable With Your Energy Bill

The high energy performance of the Slocomb 177 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.

### High Performance Low-E Glass



Low-E glass is engineered to provide year round comfort, keeping your home cooler in summer by keeping out unwanted solar heat and warmer in the winter by keeping furnace heat inside.

### 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

### 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

### 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

### 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

## Superior Energy Savings Performance With Two Low E Glass Packages\*

### Low-E<sup>2</sup> Glass

U-Factor

.26

Solar Heat Gain Coefficient

.25

Visible Transmittance

.46

Condensation Resistance

61

### Low-E<sup>3</sup> Glass

U-Factor

.26

Solar Heat Gain Coefficient

.19

Visible Transmittance

.44

Condensation Resistance

61

