

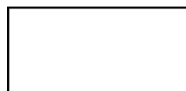


# A COLOR FOR EVERY STYLE

Choose from our list of colors to add your personal touch

## Standard Vinyl

Interior & Exterior



WHITE



ALMOND



BLACK

## Laminate Coating

With white interior

## Exterior Paint

With your choice of white or almond vinyl interior frame



BLACK



BRONZE



BROWN



COCOA



CLAY



ALMOND



GREEN



RED



CREAM

## CRUSADER *Woodlands*

COLLECTION

Introducing the **Crusader Woodlands Collection** – our stunning series that brings the timeless beauty of woodgrain finishes to your windows' interiors.

### Interior Options



Light  
Oak



Medium  
Oak



Cherry

### Note:

Woodgrain finishes are only available in combination with exterior paint colors shown to the side.

\*Due to the effects of heat, light, age, and the printing process, samples shown here may vary slightly in color or sheen from the actual materials.

## Upgraded Window Screens



Enjoy the ease of use with FlexScreen, included with every painted window. This flexible window screen makes installing and removing screens easier than ever and provides an unobstructed, bug-free view.

\*FlexScreen is not available in Crusader Elite casement windows.



## GLASS PACKAGES

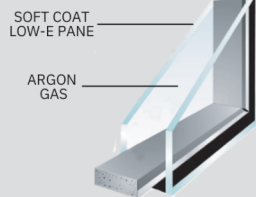


We meet ENERGY STAR criteria for all climate zones.

### LOW-E/ARGON

SB60 | ARG90 | CLR | SS | NO GRIDS

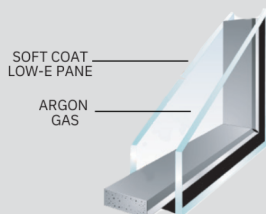
U	S	V	CR
0.26	0.29	0.53	60



### SOLAR LOW-E/ARGON

SB70 | ARG90 | CLR | SS | NO GRIDS

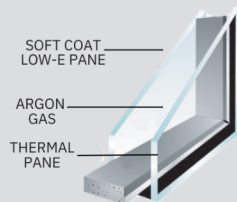
U	S	V	CR
0.26	0.20	0.47	60



### THERMAL(SFC 4) / LOW-E/ARGON

SB60 | ARG90 | CS73 | SS | NO GRIDS

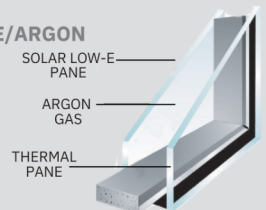
U	S	V	CR
0.23	0.28	0.48	48



### THERMAL(SFC 4) / SOLAR LOW-E/ARGON

SB70 | ARG90 | CS73 | SS | NO GRIDS

U	S	V	CR
0.22	0.19	0.43	49



## UNDERSTANDING ENERGY LABELS

**U - U Value:** The heat transfer rate between a window's interior and exterior. A lower U-value indicates greater resistance to heat flow and better insulating performance in a window.

**S - Solar Heat Gain Coefficient:** A measure ranging from 0-1 of how much solar radiation (heat from the sun) is transmitted through a window and how much is absorbed and then released into the home as heat.

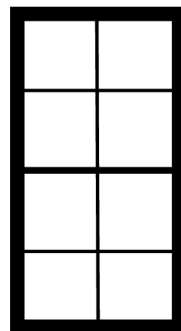
**V - Visible Transmittance:** A measure of the amount of visible light that passes through a window, ranging from 0-1.

**CR- Condensation Resistance:** A performance rating from 1-100 that shows how resistant a window is to condensation.

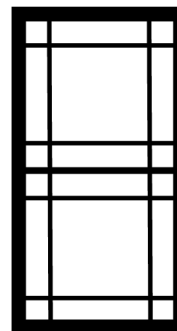
## GRID OPTIONS

Grid options can be installed as top sash only, or both sashes on double hung configurations.

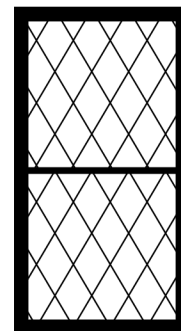
Colonial grid styles are available in 4, 6, or 9-lite patterns.



COLONIAL

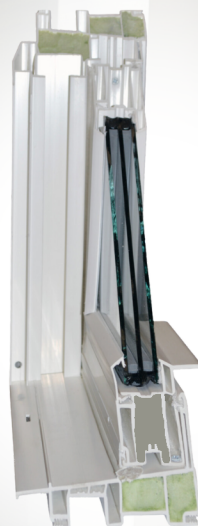


PRARIE



DIAMOND

## TRIPLE PANE OPTIONS FOR MAXIMUM EFFICIENCY



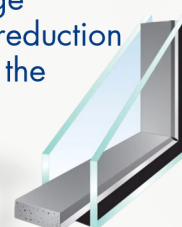
Choose triple pane windows to meet ENERGY STAR most efficient standards.

You can enjoy the superior insulation properties of triple pane windows with our frame foam and double-strength glass - a combination designed to bring you windows that last for years to come.

## UPGRADE TO SUPER SPACER

With the option to upgrade from the standard stainless steel spacer, you can experience greater efficiency with Super Spacer. This metal-free warm-edge sealing system provides optimal reduction of heat and cold transfer around the glass perimeter.

(See page 4 for details.)





## 5X LESS AIR LEAKAGE THAN OTHER VINYL WINDOWS

The lower the CFM rating, the less outside air leakage enters your home. Experience fewer drafts, greater comfort, lower heating & cooling costs, and a smaller carbon footprint.

### COMPARE $\approx$ AIR INFILTRATION

**INDUSTRY  
STANDARD**

**AIR  $\approx$   
LEAKAGE:**

**2.25**

GALLONS OF AIR



**.30 CFM**

Air Leakage

**TRADITIONAL WOOD  
RESIDENTIAL**

DOUBLE HUNG WINDOWS

**1.725**

GALLONS OF AIR



**.23 CFM**

Air Leakage

Industry Average Range: 0.12 CFM - 0.30 CFM\*\*

**TRADITIONAL VINYL RESIDENTIAL  
HIGH-PERFORMANCE**

DOUBLE HUNG WINDOWS

**1.125**

GALLONS OF AIR



**.15 CFM**

Air Leakage

Industry Average Range: 0.11 CFM - 0.21 CFM\*\*

**CRUSADER<sup>®</sup>  
ELITE**

DOUBLE HUNG WINDOWS

**.23**

GALLONS OF AIR



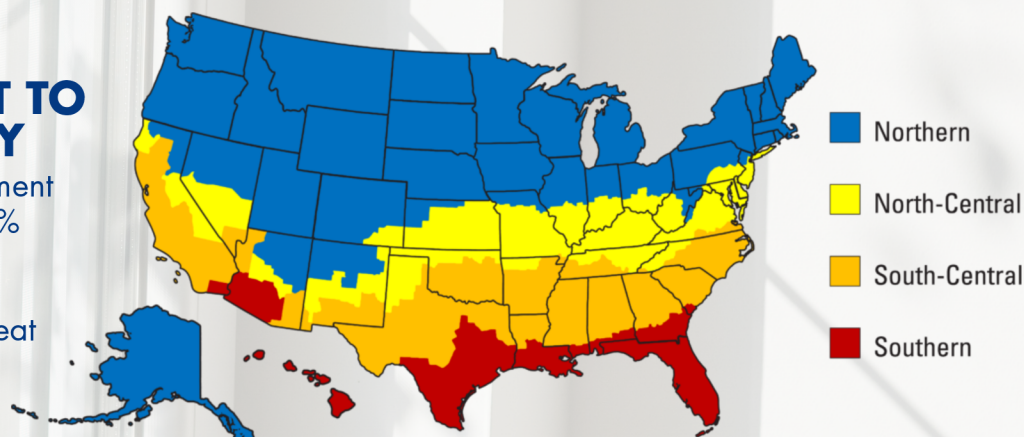
**.03 CFM**

Air Leakage

\*INDUSTRY STANDARD: The Fenestration and Glazing Industry Alliance (FGIA) set the industry standard for maximum allowable air infiltration at 0.30 CFM (cubic feet per minute) during a 25 MPH wind. This is equal to 2.25 gallons of air leaking through the window every minute. \*\*References valid as of Oct. 1, 2020, based on our competitor's websites and independent testing.

## OUR COMMITMENT TO ENERGY EFFICIENCY

According to the U.S. Department of Energy, between 25% - 30% of your home's energy usage goes towards heating and cooling your home from the heat that enters or escapes through your windows. This makes having energy-efficient windows crucial for saving money and reducing your carbon footprint. Our commitment to energy efficiency and environmental conservation are key factors in our product offering. To support this, we partner with ENERGY STAR® and offer windows and sliding doors designed for top energy performance.



MAP IMAGE SOURCE: ENERGY STAR VIA EFFICIENTWINDOWS.ORG

## PERFORMANCE FOR YOUR CLIMATE ZONE

Before buying new windows, it's helpful to know which climate zone you're in. Each zone has different requirements for the most efficient windows and doors. NBP offers different performance packages suited for specific climates that are designed to respond to factors that affect window efficiency, such as convection, radiant heat loss, conduction, light transmittance, and more. To find out which performance package is best for you, ask your NBP window dealer.



# ADDITIONAL OPTIONS

## SPECIALTY GLASS

Tempered safety glass is available for peace of mind in case of breakage. Additionally, obscure glass offers an added level of privacy, obstructing the view from the window while still allowing natural light to flow in.

## FULL SCREENS

Enjoy a bug-free breeze through the house by upgrading to full screens to fully vent your windows, made with BetterVue® mesh.

## CUSTOM SHAPES

For the ultimate in style, design and individuality, NBP offers a full line of specialized window shapes and sizes, custom made to fit your home's unique character.

## ORIEL STYLE/COTTAGE CONFIGURATIONS

Oriel-style windows feature unequal sash configurations, which allows for a distinctive, customized look that will set your windows apart.

## TILT LOCK UPGRADE

The Crusader Elite Series tilt lock upgrade for double-hung windows provides one mechanism for locking and tilting the sash. Engineered to withstand thousands of cycles, it eliminates the need for separate tilt latches, creating a smoother and more streamlined sash appearance.

