

## **North East Crusader Elite Series Windows – Product Features**

### **Crusader Elite Window Series**

Experience our premium windows with the Crusader Elite series. Built to last, with unmatched energy efficiency and the highest structural integrity, the Crusader Elite series is second to none.

### **The Crusader Elite Difference**

#### **Low Air Infiltration**

With a CFM (Cubic Feet per Minute) airflow rating of only 0.03, Crusader Elite Windows have one of the lowest air infiltration rates in the entire window industry. The lower the CFM rating, the less air leakage from outside air. This results in fewer drafts, a smaller carbon footprint, greater comfort, and less heating & cooling expenses.

#### **Highly Insulated Frame & Sash**

With the option to inject both the frame and sash with our polyurethane comfort foam, experience reduced thermal conductivity and help your windows operate at peak thermal efficiency year-round.

#### **Thick Insulated Glass**

The Crusader Elite Series boasts ¾” thick insulated glass, the most dense of all our window series. Enjoy better efficiency, less noise pollution, and more secure windows.

#### **Super Spacer Upgrade**

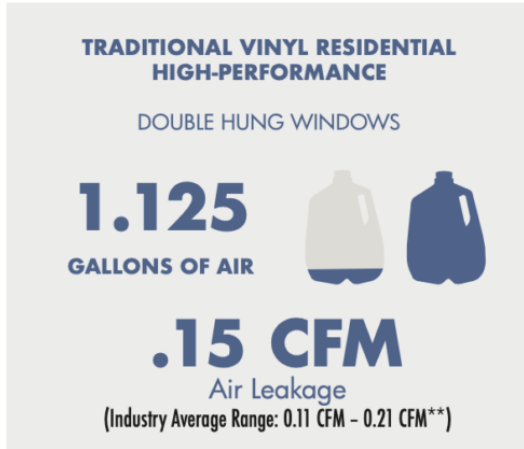
Super Spacer features a polymer EPDM (Ethylene-propylene-diene-monomer) construction and delivers high performance, including excellent resistance to ozone, weathering, water and aging. This spacer maintains its flexibility through vast changes in barometric pressure and temperature.

### **Advanced Meeting Rail Reinforcement**

The Crusader Elite Series features composite reinforcement for both window sashes - giving the window maximum structural integrity.

#### **Tilt Lock Upgrade**

Upgrade the hardware of your double hung windows with the Crusader Elite Series. This lock upgrade provides one mechanism for locking and tilting the sash. Engineered to stand up to thousands of cycles, it eliminates the need for separate tilt latches, creating a smoother and more streamlined sash appearance.



\*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.

## Crusader Elite Window Features



### 1. FUSION-WELDED SASHES & FRAME

Built from 100% virgin vinyl, to be exceptionally strong and durable, helping prevent air and water infiltration.

### 2. EXTERIOR BEVELED MAINFRAME

Provides contemporary beauty and style.

### 3. EXTRUDED LIFT & PULL RAILS

Built directly into sash for greater durability. No added or snap-in components.

### 4. STAINLESS STEEL CONSTANT FORCE BALANCE SYSTEM

Provides smooth and easy DOUBLE HUNG operation and never requires lubrication or adjustment.

#### 5. DUAL-VENTILATION LATCHES

Limit the window opening to a set point during ventilation.

#### 6. COMPOSITE INTERLOCK REINFORCEMENT

Composite reinforced, proprietary interlocking sashes provide increased strength where sashes meet.

#### 7. HEAVY-DUTY LOCK

Standard in this series. Heavy-duty zinc die-cast cam lock. **TILT LOCK UPGRADE AVAILABLE.**

#### 8. STAINLESS STEEL SPACER

Fully automated for condensation resistance and seal integrity. **SUPER SPACER UPGRADE AVAILABLE.**

### Additional Features

#### INTEGRAL NAILING FIN

Specialized master frame with J-channel and nailing fin to facilitate installation with a better and more secure fit into your new home.

#### FACTORY MULLING

NBP offers a zero-degree mulling system with factory sealed joints and steel plates at both the top and bottom of the window for added strength.

#### FULL SCREENS

Upgrade to be able to fully vent the window.

#### 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.

## SPECIALTY GLASS

Tempered safety glass is available for additional privacy and peace of mind.

## Colors

STANDARD VINYL			LAMINATE					
 WHITE			 ALMOND			 BLACK		
WHITE			ALMOND			BLACK/WHITE		
EXTERIOR PAINT (INTERIOR VINYL WHITE OR ALMOND)								
 BROWN			 BRONZE			 CLAY		
BROWN			BRONZE			CLAY		
 GREEN			 BLACK			 BRICK RED		
GREEN			BLACK			BRICK RED		
			 COCOA			 ALMOND		
			COCOA			ALMOND		

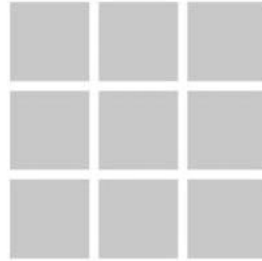
## Grids

**STYLE**  
(DESIGN)

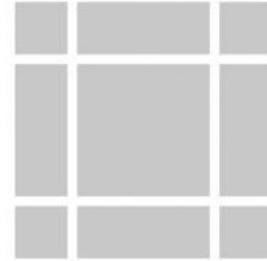
**TYPE**  
(MATERIAL)



**COLONIAL**  
(EQUAL LITES)



**PRAIRIE**  
(PORTRAIT FRAME)



**DIAMOND**  
(OBLIQUE LITES)



**CONTOUR**  
(WINDOW COLOR)



**FLAT**  
(WHITE/ALMOND/COCOA)



**ELITE**  
(PEWTER OR BRASS)



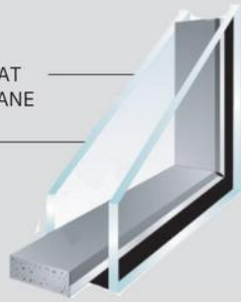
## Glass Packages

### LOW-E/ARGON

SB60 | ARG90 | CLR | SS | NO GRIDS

U	S	V	C
0.26	0.29	0.53	60

SOFT COAT  
LOW-E PANE  
ARGON  
GAS



### SOLAR LOW-E/ARGON

SB70 | ARG90 | CLR | SS | NO GRIDS

U	S	V	C
0.26	0.20	0.47	60

SOFT  
LOW-  
PANE  
ARGO  
GAS

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

SB60 | ARG90 | CLR | SS | NO GRIDS

U	S	V	C
0.23	0.28	0.48	48

SOFT COAT  
LOW-E  
PANE  
ARGON  
GAS



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

SB70 | ARG90 | CS73 | SS | NO GRIDS

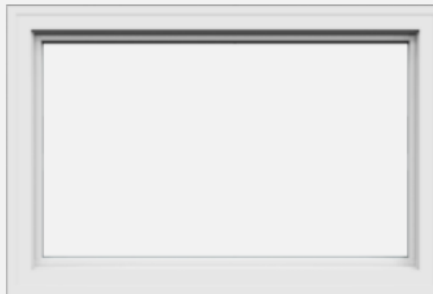
U	S	V	C
0.22	0.19	0.43	49

SOLA  
ARGO  
GAS  
THER

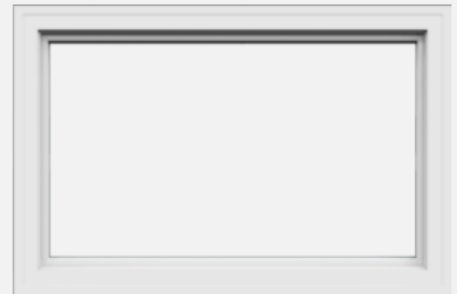
## Window Options



Special Shape Window



Awning Window



Casement Window

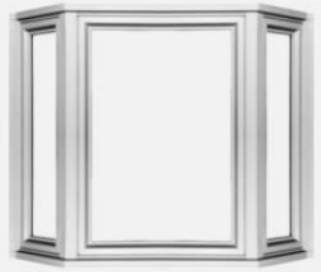




**Slider Window**



**Double Hung Window**



**Bay Window**