

WINDOWS

# PRO SERIES



DOUBLE HUNG



SLIDER



PICTURE



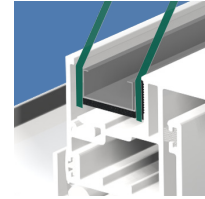
HOPPER

# FEATURES

DOUBLE HUNG



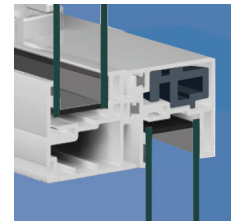
**100% VIRGIN VINYL**



**PPG/VITRO INTERCEPT®  
U-SPACER**

**DELUXE  
DUAL-VENTILATION  
LATCHES**

**TILT LATCHES**



**ALUMINUM REINFORCED  
INTERLOCKING SASHES/  
RE-INFORCED LOCK RAIL**

**DOUBLE PANE  
CLEAR GLASS**

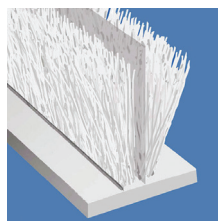
**HEAVY-DUTY LOCK**



**STAINLESS STEEL  
CONSTANT FORCE  
BALANCE SYSTEM**

**EXTRUDED  
LIFT & PULL RAILS**

**HALF SCREEN WITH  
ALUMINUM FRAME**



**DOUBLE  
WEATHERSTRIPPING**

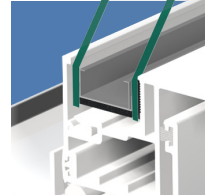


# FEATURES

SLIDER (2-LITE, 3-LITE)



**100% VIRGIN VINYL**

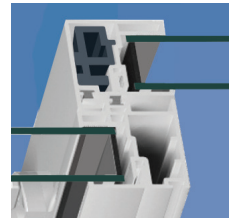


**PPG/VITRO INTERCEPT®  
U-SPACER**

**EXTRUDED  
LIFT & PULL RAILS**

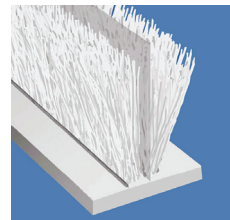
**DOUBLE PANE  
CLEAR GLASS**

**HEAVY-DUTY LOCK**



**ALUMINUM REINFORCED  
INTERLOCKING SASHES/  
RE-INFORCED LOCK RAIL**

**HALF SCREEN WITH  
ALUMINUM FRAME**



**DOUBLE  
WEATHERSTRIPPING**



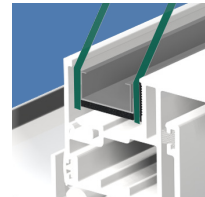
**AVAILABLE IN EQUAL (SHOWN)  
& Q|H|Q (QUARTER|HALF|QUARTER)**

# FEATURES

PICTURE



**100% VIRGIN VINYL**

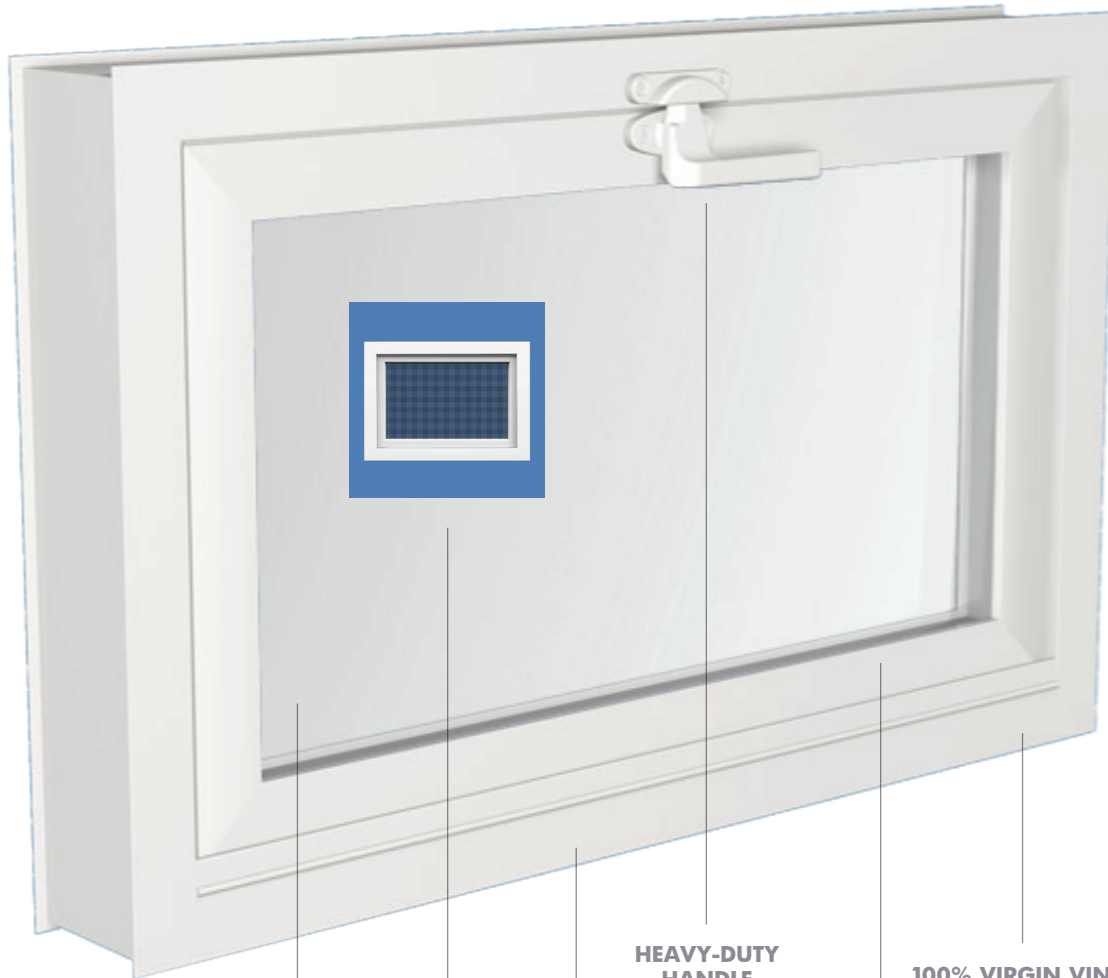


**PPG/VITRO INTERCEPT®  
U-SPACER**

**DOUBLE PANE  
CLEAR GLASS**

# FEATURES

## HOPPER

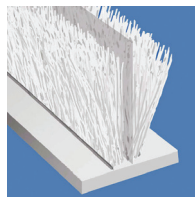


**HEAVY-DUTY  
HANDLE**

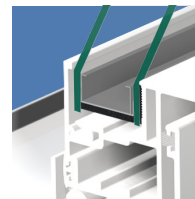
**100% VIRGIN VINYL**

**FULL SCREEN WITH  
ALUMINUM FRAME**

**DOUBLE PANE  
CLEAR GLASS**



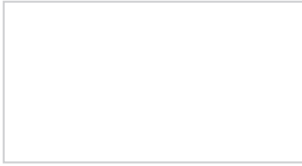
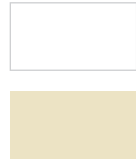
**DOUBLE  
WEATHERSTRIPPING**



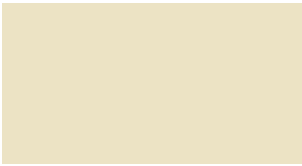
**PPG/VITRO INTERCEPT®  
U-SPACER**

# COLOR

## STANDARD VINYL



WHITE



ALMOND



# GRIDS

## STYLE & TYPE



Grids are built by combining STYLE, or design made by the grid elements, and TYPE, or the material and profile of the grid element.

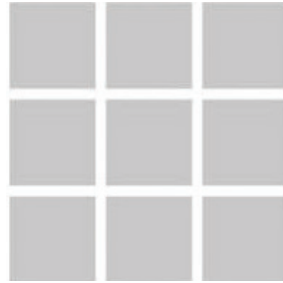
**STYLE**  
(DESIGN)



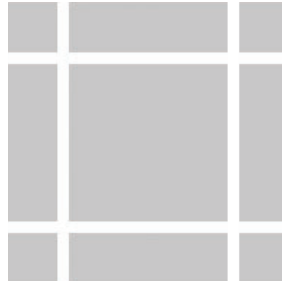
**TYPE**  
(MATERIAL)



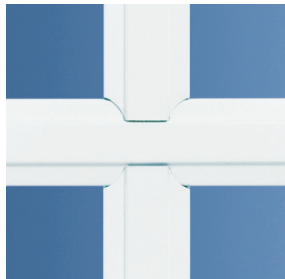
**COLONIAL**  
(EQUAL LITES)



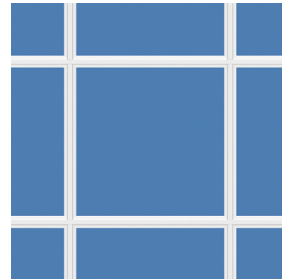
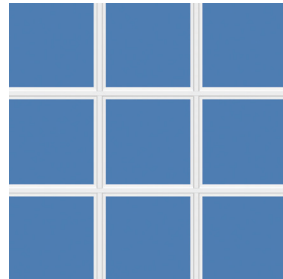
**QUEEN ANNE**  
(PORTRAIT FRAME)



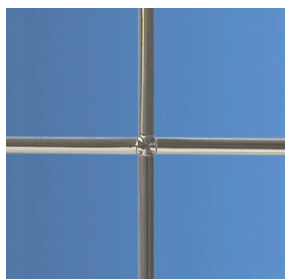
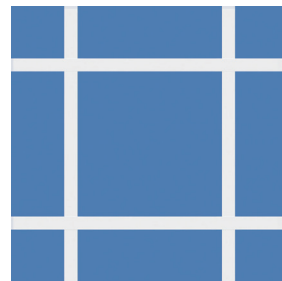
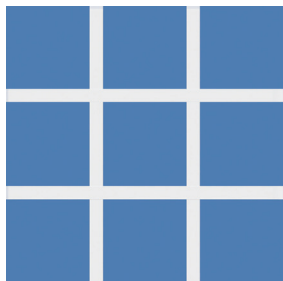
**DIAMOND**  
(OBLIQUE LITES)



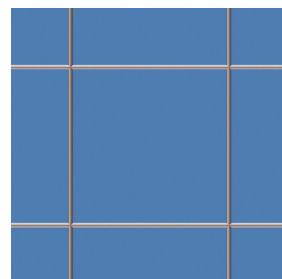
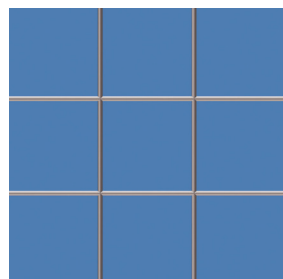
**CONTOUR**  
(WINDOW COLOR)



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

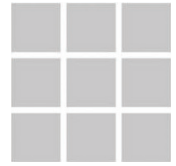


**ELITE**  
(PEWTER/BRASS)



# GRIDS

## COLONIAL (EQUAL LITES)



**CONTOUR**  
(WINDOW COLOR)



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



**ELITE**  
(PEWTER/BASS)



**DOUBLE HUNG**







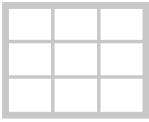
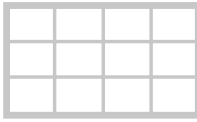
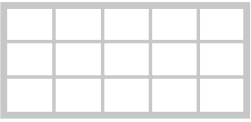




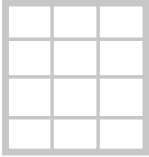
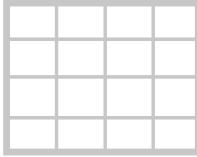
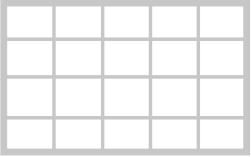


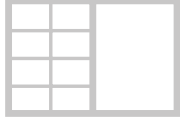

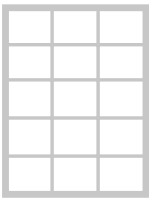
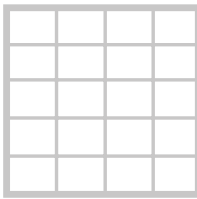
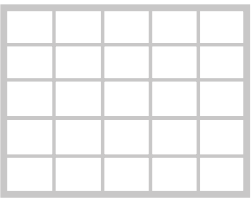


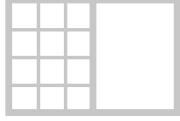

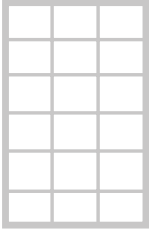
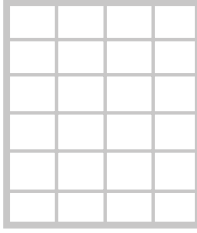
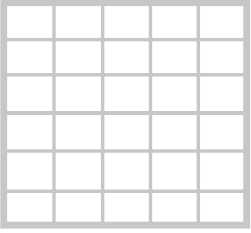


**SLIDER**



**PICTURE**



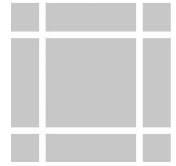
**HOPPER**

DOUBLE HUNG		SLIDER	PICTURE   HOPPER				
							HEIGHT 14" to 36"
<b>1 HORIZ BAR 0Vx1H</b>	<b>6 LITE 2Vx1H</b>	<b>4 LITE 1Vx1H</b>	<b>6 LITE 1Vx2H</b>	WIDTH 15" to 28" <b>6 LITE</b>	WIDTH 28" to 36" <b>9 LITE</b>	WIDTH 36" to 54" <b>12 LITE</b>	WIDTH 54" to 72" <b>15 LITE</b>
							HEIGHT 36" to 48"
<b>2 HORIZ BAR 0Vx2H</b>	<b>8 LITE 3Vx1H</b>	<b>6 LITE 1Vx2H</b>	<b>8 LITE 1Vx3H</b>	WIDTH 15" to 28" <b>8 LITE</b>	WIDTH 28" to 36" <b>12 LITE</b>	WIDTH 36" to 54" <b>16 LITE</b>	WIDTH 54" to 72" <b>20 LITE</b>
							HEIGHT 48" to 60"
<b>1 VERT BAR 1Vx0H</b>	<b>9 LITE 2Vx2H</b>	<b>8 LITE 1Vx3H</b>	<b>10 LITE 2Vx3H</b>	WIDTH 15" to 28" <b>10 LITE</b>	WIDTH 28" to 36" <b>15 LITE</b>	WIDTH 36" to 54" <b>20 LITE</b>	WIDTH 54" to 72" <b>25 LITE</b>
							HEIGHT 60" to 72"
<b>2 VERT BAR 2Vx0H</b>	<b>12 LITE 4Vx1H</b>	<b>12 LITE 2Vx3H</b>		WIDTH 15" to 28" <b>12 LITE</b>	WIDTH 28" to 36" <b>18 LITE</b>	WIDTH 36" to 54" <b>24 LITE</b>	WIDTH 54" to 72" <b>30 LITE</b>
							
<b>4 LITE 1Vx1H</b>	<b>12 LITE 3Vx2H</b>						





# GRIDS



## QUEEN ANNE (PORTRAIT FRAME)



CONTOUR  
(WINDOW COLOR)



FLAT  
(WHITE/ALMOND/COCOA)



ELITE  
(PEWTER/BRASS)



DOUBLE HUNG



SLIDER



PICTURE



HOPPER

— DOUBLE HUNG —

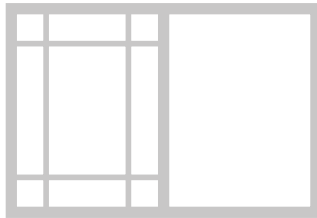
— SLIDER —

— PICTURE —

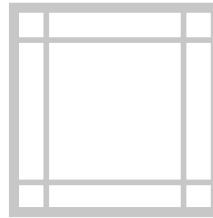
— HOPPER —



QUEEN ANNE  
**4 BAR**



QUEEN ANNE  
**4 BAR**



QUEEN ANNE  
**4 BAR**



QUEEN ANNE  
**4 BAR**

# GRIDS

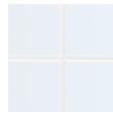
## DIAMOND (OBLIQUE LITES)



**CONTOUR**  
(WINDOW COLOR)



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



**ELITE**  
(PEWTER/BASS)



**DOUBLE HUNG**



**SLIDER**



**PICTURE**



**HOPPER**

DOUBLE HUNG | SLIDER | PICTURE | HOPPER



WIDTH 11" to 24"  
**4D**



WIDTH 16" to 24"  
**7D**

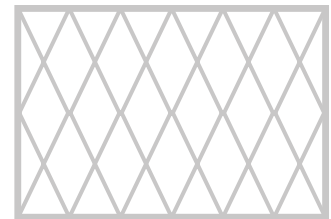


WIDTH 26" to 36"  
**10D**



WIDTH 38" to 48"  
**13D**

HEIGHT 12" to 24"



WIDTH 55" to 70"  
**32D**

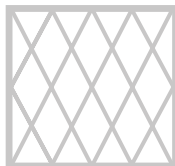
HEIGHT 24" to 48"



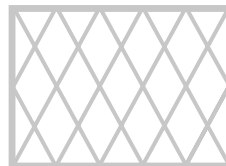
WIDTH 16" to 24"  
**12D**



WIDTH 26" to 36"  
**17D**

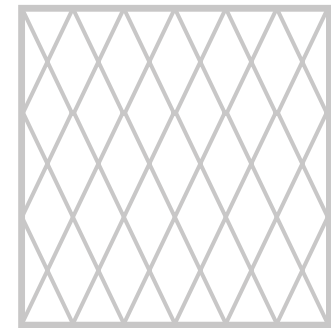


WIDTH 38" to 48"  
**22D**



WIDTH 50" to 60"  
**27D**

HEIGHT 24" to 48"



WIDTH 55" to 70"  
**45D**

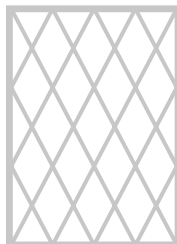
HEIGHT 46" to 60"



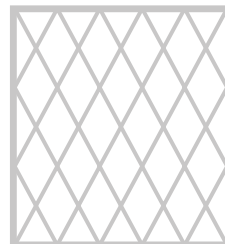
WIDTH 16" to 24"  
**17DT**



WIDTH 26" to 36"  
**24D**



WIDTH 38" to 48"  
**31D**



WIDTH 50" to 60"  
**38D**

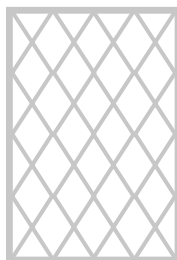
HEIGHT 46" to 60"



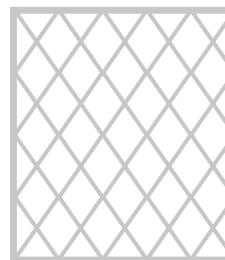
WIDTH 16" to 24"  
**22DT**



WIDTH 26" to 36"  
**31DT**



WIDTH 38" to 48"  
**40D**



WIDTH 50" to 60"  
**49D**

HEIGHT 60" to 84"



WIDTH 55" to 70"  
**58D**

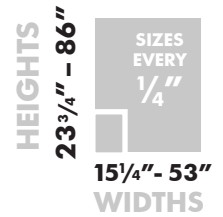
HEIGHT 55" to 60"

# SIZING

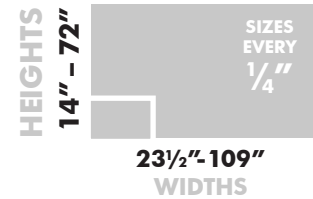
## MANUFACTURING MIN/MAX



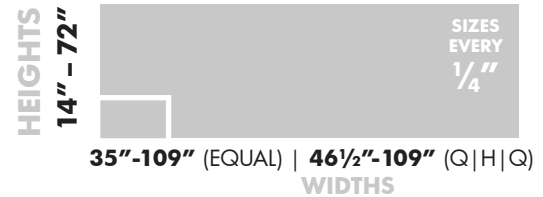
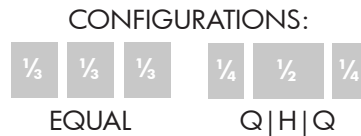
DOUBLE HUNG



SLIDER, 2-LITE



SLIDER, 3-LITE



PICTURE

24 to 35 sq is 3x glass. 3x glass ordered out not manufactured in plant.  
Max @ 35sq.



HOPPER



COMPLEMENTARY STYLES AVAILABLE IN THE **CRUSADER<sup>®</sup> ELITE**, **CRUSADER<sup>®</sup>**, & **CAMELOT<sup>®</sup>** SERIES:





# PERFORMANCE

U-FACTOR | SOLAR HEAT GAIN COEFFICIENT



"ENERGY STAR® is the government-backed symbol for energy efficiency, providing simple, credible, and unbiased information that consumers and businesses rely on to make well-informed decisions." **energystar.gov**



"The National Fenestration Rating Council is a non-profit organization that establishes objective window, door, and skylight energy performance ratings to help you compare products and make informed purchase decisions." **nfrc.org**

## U-FACTOR

The U-Factor is a material's effectiveness as an insulator. The lower the U-Factor, the better the unit performs as thermal insulation.

## SHGC

The Solar Heat Gain Coefficient is the fraction of incident solar radiation admitted through. The lower the SHGC, the less solar heat the unit transmits.





Program Requirements for Windows, Doors, & Skylights: Version 6.0 (January 1, 2016)

### PERFORMANCE PACKAGE ▶

**STANDARD**  
(CLEAR/CLEAR)

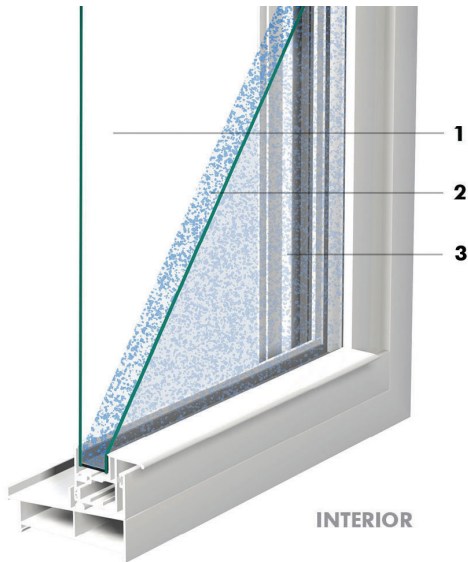
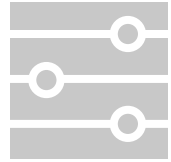
**LOW-E/ARGON**  
(LOW-E/ARGON)

**NORTHERN**  
(LOW-E(2)/ARGON)

WINDOW TYPE	U   S	U   S	U   S
 DOUBLE HUNG	<b>.47   .62</b>	<b>.30   .32</b>	<b>.26   .31</b>
 SLIDER	<b>.47   .61</b>	<b>.29   .31</b>	<b>.25   .30</b>
 PICTURE	<b>.47   .68</b>	<b>.27   .35</b>	<b>.23   .34</b>
 HOPPER	<b>.47   .54</b>	<b>.32   .28</b>	<b>—   —</b>

Thermal values are based on units produced with no grids.

FOR COMPREHENSIVE NBP PRODUCT ENERGY STAR & NFRC INFO, INCLUDING  
ZONE REQUIREMENTS & QUALIFICATIONS VISIT **NBPwindows.com/learn/energy-efficiency**  
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### **NORTHERN PACKAGE**

The Energy Package is Northeast's superior solution for high levels of thermal performance and energy efficiency and features:

#### **1 SOFT-COAT LOW-E PANE**

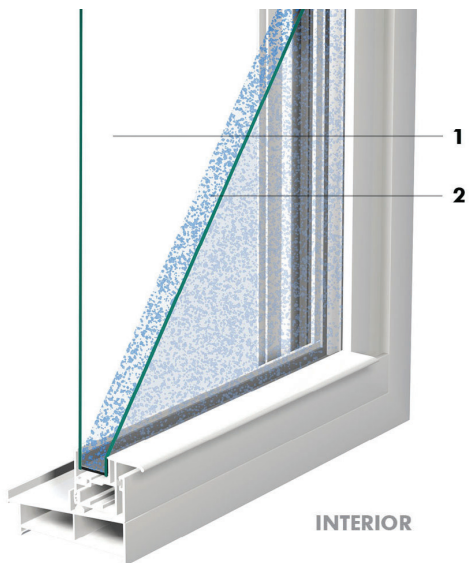
Microscopic layers of silver and titanium dioxide are applied to Surface 2 of low-emissivity glass, rated PPG/Vitro Solarban 60. This blocks 62% of solar energy while allowing 70% of visible light through).

#### **2 ARGON GAS**

Clear, non-toxic Argon gas fills the insulated glass unit to reduce the thermal conductivity of the airspace between the glass layers for increased energy efficiency.

#### **3 LOW-E PYROLYTIC HARD-COAT PANE**

A transparent, molecularly bonded silicon-oxy-carbide ceramic coating on Surface 4 reflects long wavelength infrared energy.



### **LOW-E/ARGON PACKAGE**

The Low-E/Argon Package increases thermal performance and energy efficiency, featuring:

#### **1 SOFT-COAT LOW-E PANE**

Microscopic layers of silver and titanium dioxide are applied to Surface 2 of low-emissivity glass, rated PPG/Vitro Solarban 60. This blocks 62% of solar energy while allowing 70% of visible light through).

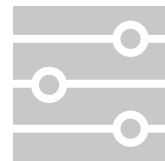
#### **2 ARGON GAS**

Clear, non-toxic Argon gas fills the insulated glass unit to reduce the thermal conductivity of the airspace between the glass layers for increased energy efficiency.



# MORE OPTIONS

LOCKS | GLASS | SCREENS | NEW CONSTRUCTION | MORE



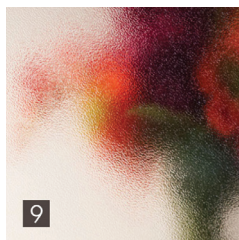
## DOUBLE LOCKS

Add a second lock to your window for increased security.



## SCREENS

Upgrade half screen to full screen, to be able to fully vent window. (Picture: no screen; Hopper: standard full screen.)



## SPECIALTY GLASS

For added privacy Northeast offers a premium quality obscure glass as an option. For additional peace of mind, Northeast also offers a specially tempered safety glass.



## FACTORY MULLING

Northeast 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.



## CUSTOM SHAPES

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



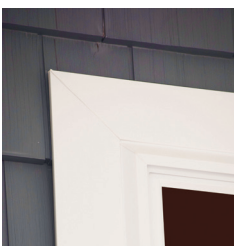
## ORIEL STYLE/COTTAGE CONFIGURATIONS

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



## NEW CONSTRUCTION

Employ a specialized master frame designed to facilitate installation into your new home. The integrated J-channel and nailing fin help the builder install with a better and more secure fit.



## FLAT CASING

Fully welded and factory applied flat casing provides clean lines and finishes the window trim close against the wall exterior.



## EXTENSION JAMB

Add an extension jamb to fill the depth of the wall space from the inside face of the window frame to the interior wall.