



DOUBLE HUNG

The most popular window style, featuring vertically moving sashes that operate easily and smoothly.



SLIDER

Features sashes that glide smoothly from side to side on brass rollers. Available in 2-Lite or 3-Lite configurations.



PICTURE

Non-operable, fixed window that offers clean aesthetic lines and allows ample natural light.



CASEMENT

Hinging at the top and bottom on stainless steel tracks, the window swings outward to open.



AWNING

Hinged on each side of the top on stainless steel tracks, the window swings outward at the bottom to open.

MAKE YOUR DREAMS COME THROUGH.



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WINDOWS

CRUSADER®

ELITE





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# FEATURES

MANUFACTURED WITH CLEAN AESTHETIC LINES & THE LATEST TECHNOLOGICAL INNOVATIONS.

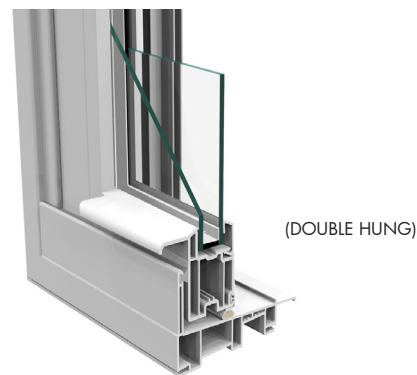


(DOUBLE HUNG)

LOW CONDUCTIVITY

ENERGY EFFICIENCY

PRODUCTION PRECISION



(DOUBLE HUNG)

**1 FUSION-WELDED SASHES & FRAME**  
Built from 100% virgin vinyl, to be exceptionally strong and durable, helping prevent air and water infiltration.

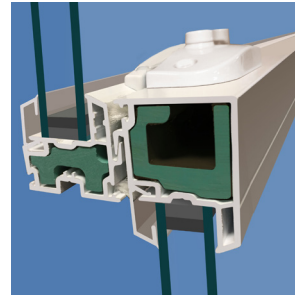
**2 EXTERIOR BEVELED MAINFRAME**  
Provides contemporary beauty and style.

**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.

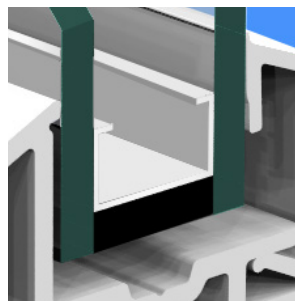
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Standard in this series. Heavy-duty zinc die-cast cam lock. LOCK/TILT LOCK UPGRADE AVAILABLE. See next page.



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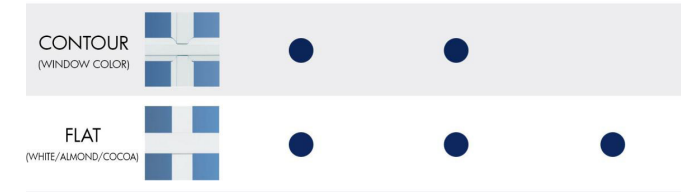
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## GRIDS

STYLE (DESIGN)  
TYPE (MATERIAL)

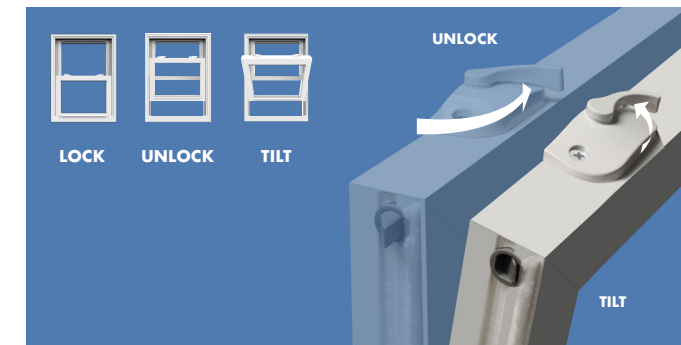


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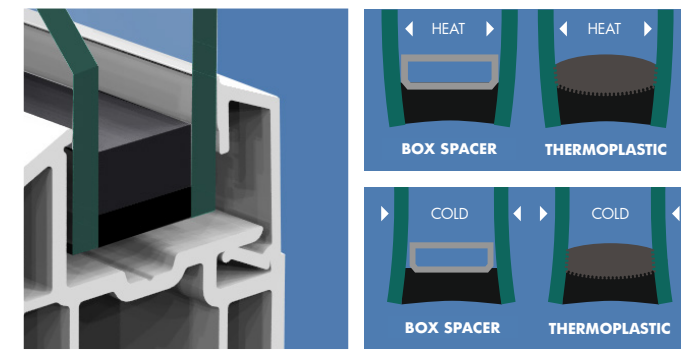
\*Not available for all widths. Units under 18" must feature standard hardware.



## SPACER

### TPS SPACER UPGRADE

A new state-of-the-art warm-edge spacer system that transfers less heat/cold than aluminum or steel. It expands and contracts with the change in temperature, providing an excellent seal.



## ADDITIONAL



### 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

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.



### FULL SCREENS

Upgrade to be able to fully vent window. (Picture: no screen; Casement/Awning: standard full screen.)



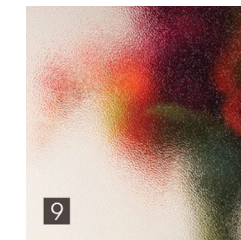
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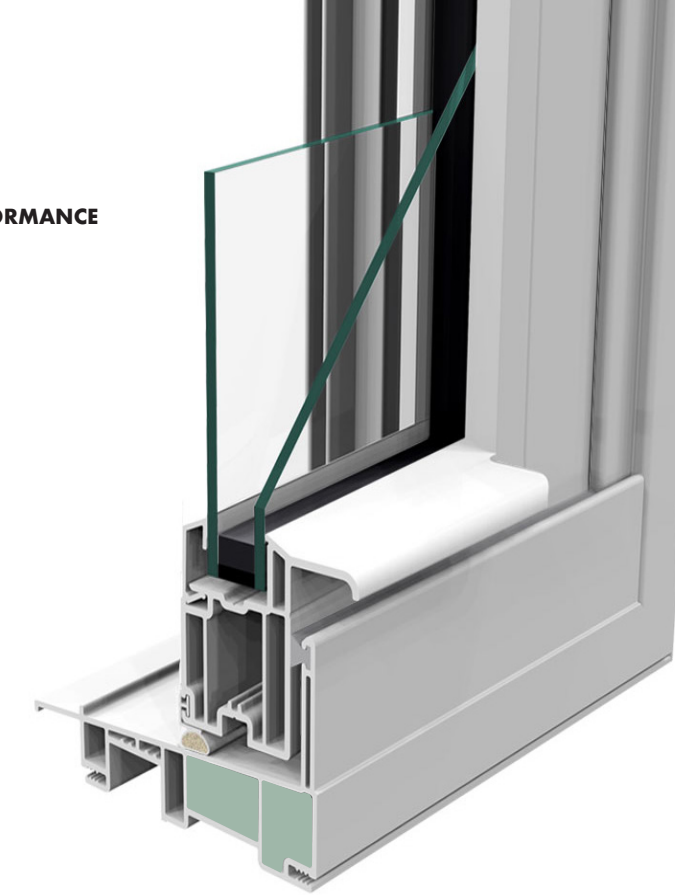


### SPECIALTY GLASS\*\*

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

\*\*Glass privacy ratings range from 1 (least) to 9 (most).

## PERFORMANCE



### FRAME FOAM

The hollows inside the vinyl master frame are injected with polyurethane foam to reduce thermal conductivity and help your windows operate at peak thermal efficiency year round.

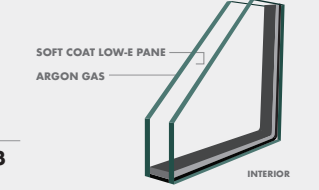
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PACKAGE RATINGS ACHIEVED WITH FRAME FOAM & TPS  
U - U-FACTOR S - SOLAR HEAT GAIN COEFFICIENT V - VISIBLE TRANSMITTANCE A - AIR LEAKAGE  
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### LOW-E/ARGON

SB60 | ARG90 | CLR | TPS | NO GRIDS

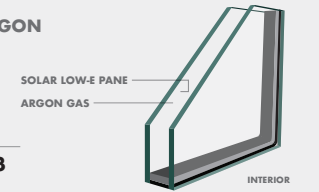
U S V A  
.27 .29 .53 ≤3



### SOLAR LOW-E/ARGON

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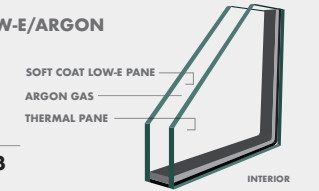
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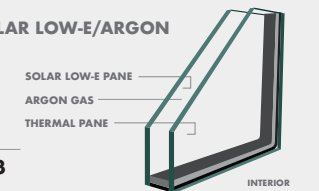
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U S V A  
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# COMPARE ≈ AIR INFILTRATION

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INDUSTRY STANDARD AIR 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



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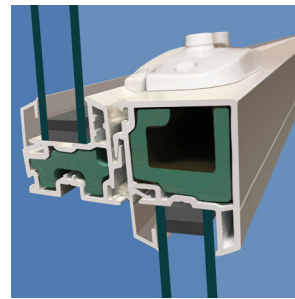
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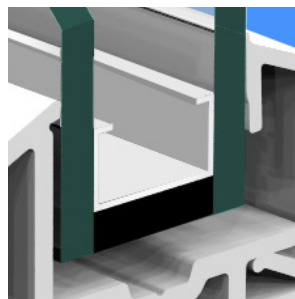
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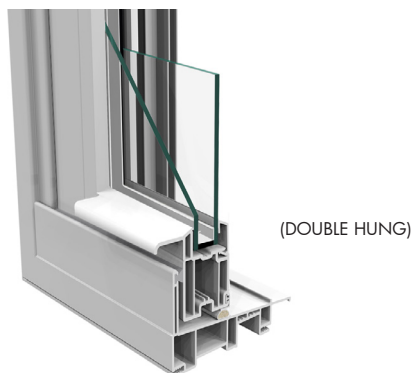
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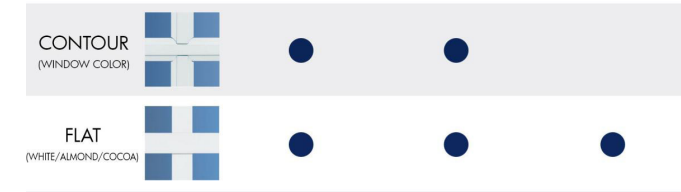
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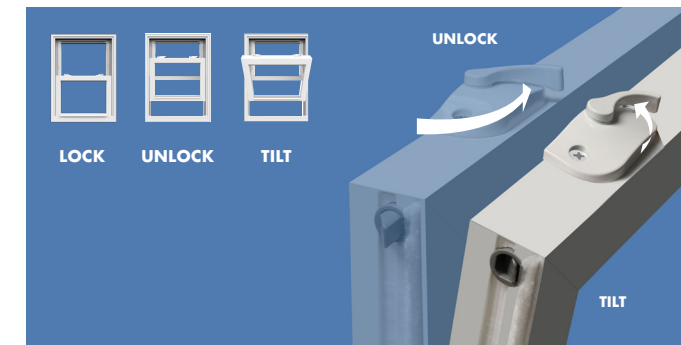


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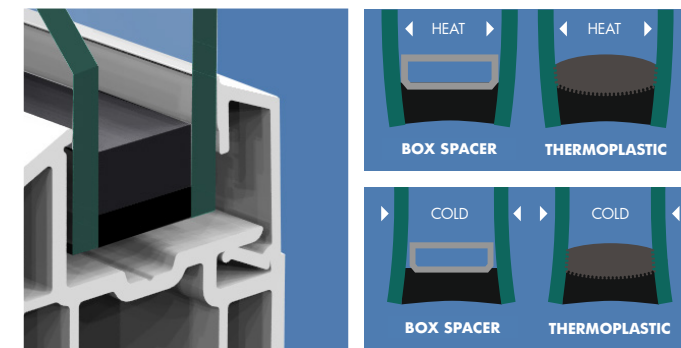
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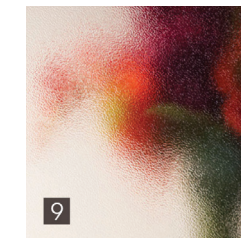
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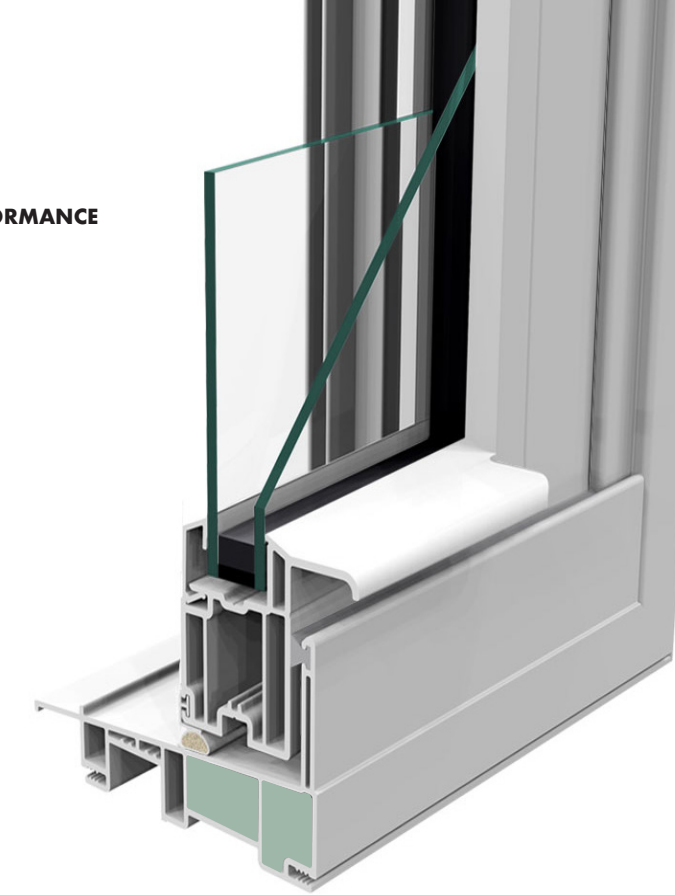


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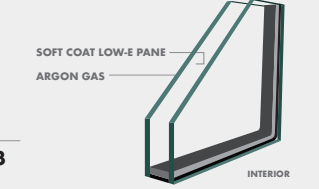
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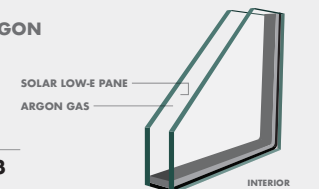
U S V A  
.27 .29 .53 ≤3



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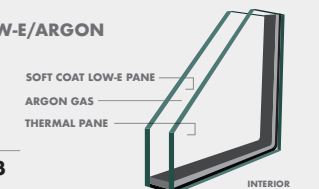
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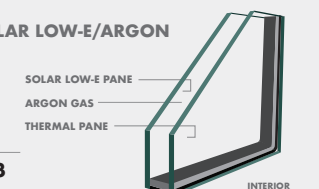
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<p><b>INDUSTRY STANDARD</b></p> <p><b>AIR LEAKAGE:</b></p> <p><b>2.25</b> GALLONS OF AIR</p> <p><b>.30 CFM</b> Air Leakage</p>	<p><b>TRADITIONAL WOOD RESIDENTIAL</b></p> <p>DOUBLE HUNG WINDOWS</p> <p><b>1.725</b> GALLONS OF AIR</p> <p><b>.23 CFM</b> Air Leakage (Industry Average Range: 0.12 CFM - 0.30 CFM**)</p>	<p><b>TRADITIONAL VINYL RESIDENTIAL HIGH-PERFORMANCE</b></p> <p>DOUBLE HUNG WINDOWS</p> <p><b>1.125</b> GALLONS OF AIR</p> <p><b>.15 CFM</b> Air Leakage (Industry Average Range: 0.11 CFM - 0.21 CFM**)</p>	<p><b>CRUSADER ELITE</b></p> <p>DOUBLE HUNG WINDOWS</p> <p><b>.23</b> GALLONS OF AIR</p> <p><b>.03 CFM</b> Air Leakage (More than twice as airtight as Traditional Wood Residential)</p>
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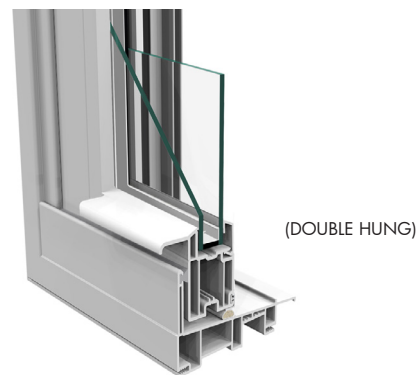


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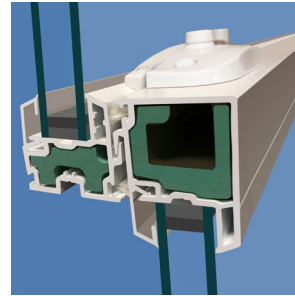
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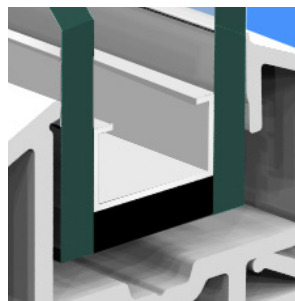
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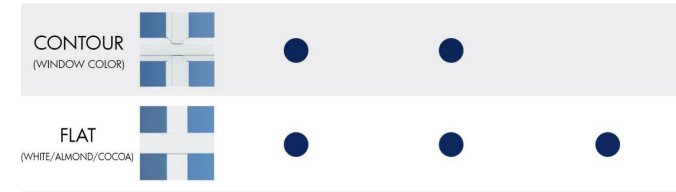
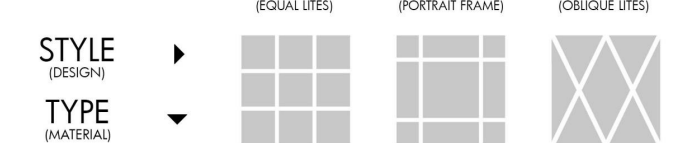
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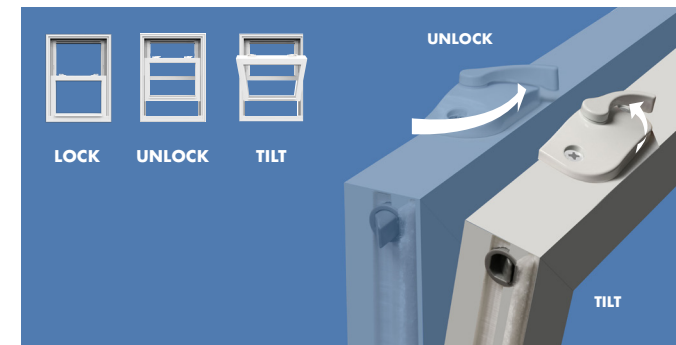


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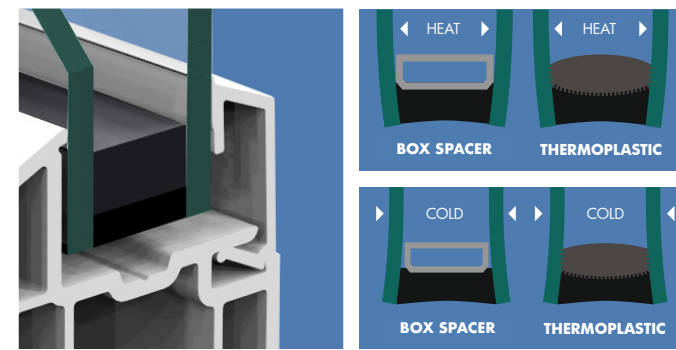
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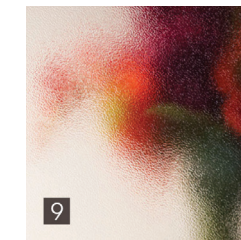
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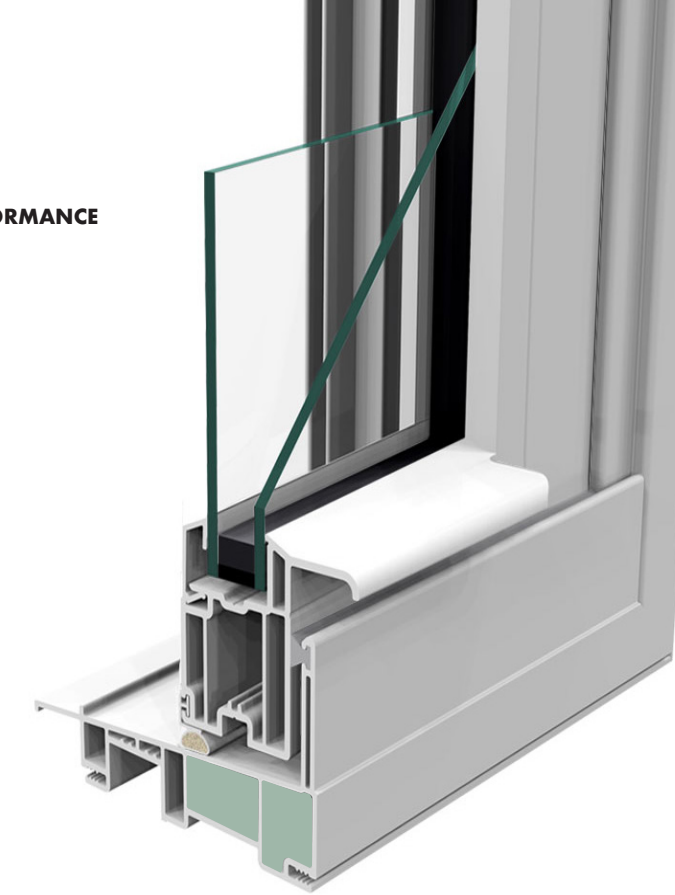


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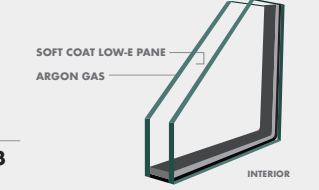
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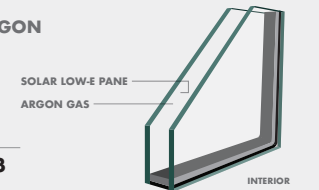
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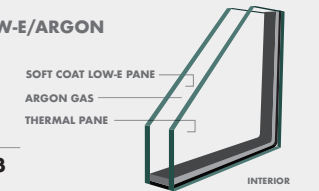
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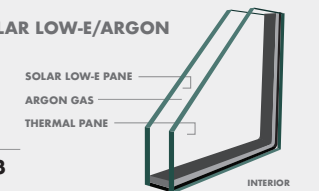
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.30 CFM Air Leakage

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 ELITE

DOUBLE HUNG WINDOWS

.23 GALLONS OF AIR



.03 CFM Air Leakage  
(More than twice as airtight as Traditional Wood Residential)

\*\*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.



DOUBLE HUNG

The most popular window style, featuring vertically moving sashes that operate easily and smoothly.



SLIDER

Features sashes that glide smoothly from side to side on brass rollers. Available in 2-Lite or 3-Lite configurations.



PICTURE

Non-operable, fixed window that offers clean aesthetic lines and allows ample natural light.



CASEMENT

Hinging at the top and bottom on stainless steel tracks, the window swings outward to open.



AWNING

Hinged on each side of the top on stainless steel tracks, the window swings outward at the bottom to open.

MAKE YOUR DREAMS COME THROUGH.



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WINDOWS

CRUSADER®

ELITE

