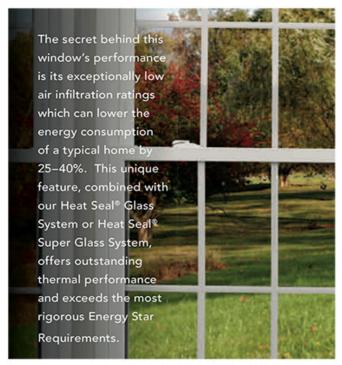
VIRTUS

WINDOW & DOOR SYSTEMS

TOMORROW'S TECHNOLOGY TODAY





5 Double Hung efficiency and outstanding strength.

- Fully Welded Frame and Sash with an exceptional thermal
- Optional Foam-Filled Insulated Extrusions for energy efficiency.
- Insulated Extra-Strength Glass increases strength and sound reduction.
- Heat Seal® Glass System offers thermal efficiency for fuel cost savings in any season.
- Power Lift™ Balance System allows smooth window operation.
- Full Interlock with Triple Weather-Stripping provides low air infiltration for increased comfort.
- One Piece Sloped Sill helps eliminate clogged and frozen weep holes as well as reducing air infiltration and chimney effect drafts.
- Heatseal® Warm Edge Spacer System for excellent thermal efficiency and drastic reduction in the possibility of condensation on the inside of the window.
- Available in Replacement and New Construction applications.

PowerLift

Constant Force

5,000











WARRANTY All of our windows and doors are manufactured from high quality materials and are backed by a Transferable Lifetime Limited Warranty. WINDOW & DOOR SYSTEMS

TOMORROW'S TECHNOLOGY TODAY

X5 Slider



- •Full 3 1/4" Depth Welded Mainframe with beveled colonial exterior features curves that are not only beautiful, but also allow for maximum weld surface resulting in exceptional strength and years of long lasting performance.
- Heat Seal® Glass System offers thermal efficiency for fuel cost savings in any season.
- •Full Integral Interlock with double weather-stripping.
- The Optional Auto-Lock locking system which is easy to engage.
- Heavy Gauge Fully Extruded Handles on both sashes.
- •Fiberglass Mesh Half Screens standard on all windows.
- Available in Replacement and New Construction applications.



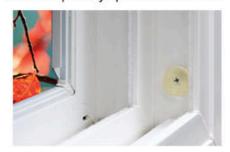
Virtus Windows offers 2-lite and 3-lite (shown) sliding windows.



The window opens easily because it's mounted on brass wheels which allows the slider to smoothly glide across its track.



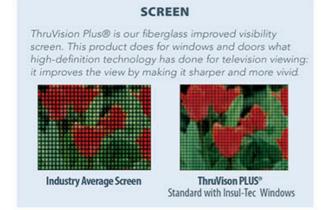
Push Button Spring-Loaded Vent Latches allow both window sashes to remain partially open for ventilation.



Standard factory bumpers are installed for a quieter operation.



Optional Auto-Lock features an exclusive automatic locking system which is easy to engage





Virtus Windows offers many color selections in addition to the standard Euro-White to give your home a distint look and enhance it's curb appeal. You can special order custom exterior colors from a virtually unlimited selection of paints. Our paints are environmentally safe and durable giving your exterior a vibrant and long-lasting color finish. All colors except Euro-White are available at an additional charge.

INTERIOR COLOR



Standard Euro-White finish and Standard Euro-White Lock



Optional Almond frame and Optional Almond lock



Optional Cocoa frame and Optional Cocoa lock

EXTERIOR COLORS





Printed colors may not match the product's actual color.
Please visit a local dealer to view actual color samples.

OPTIONAL AUTO-LOCKS







White

Almond

Cocoa

GRIDS



Flat Grids Between Glass



Contour Grids Between Glass

Looking for a stunning design to instantly set your home apart both inside and out. A choice of decorative grids can highlight the architectural style that speaks to you.

GBG (Grids Between Glass) consist of aluminum bars sealed in the insulating airspace between the two panes of glass. Because the interior and exterior glass surfaces are not affected, cleaning your windows is a much easier task.

GBG grids on two tone windows are available with matching interior and exterior colors.

AIR INFILTRATION

Air infiltration/drafts is a term used to describe the air leaking into or out of your home through the window frames. The graph shows the amount of air in cubic feet that may come through the window at speeds of 25mph.



HEAT SEAL® GLASS SYSTEM

High Performance Reflective Coatings Glass

Silicone Nitrid Barrier
Tin Oxide Optical Filter
Nickel-Chrom Adhesive Barrier
Silver Thermal & Solar Performance
Zinc Oxid Performance Enhancing
Tin Oxide Optical Filter
Nickel-Chrom Adhesive Barrier
Silver Thermal & Solar Performance
Zinc Oxid Optical Filter
Titanium Dioxide Optical Filter
Silver Thermal & Solar Performance
Silver Thermal & Solar Performance
Zinc Oxid Optical Filter
Silver Titanium Dioxide Optical Enhancing
Silicone Nitrid Barrier

HeatSeal™ heat reflective coatings are microscopically thin layers of metal & metal oxide that act like a filter — some energy is transmitted, some energy is reflected.

High Performance Glass Unit Spacer

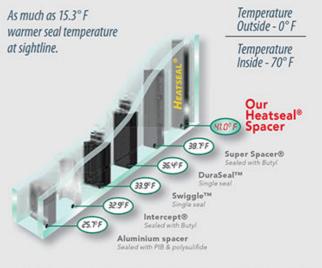
Most windows are manufactured with a metal spacer in between the galss which causes excessive condensation and heat loss.



Our **HeatSeal®** non-metal spacer creates an excellent thermal barrier and reduces the transfer of heat and cold into the home.

Spacers

Our Heatseal® Spacer gives your home excellent thermal efficiency and drastic reduction of condensation.



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BASIC

ENERGY SAVING PACKAGE

Heat Seal® Glass System
 Double Pane Glass Unit

0.27	M
0.30	
0.55	
62	
	0.30

DELUXE

ENERGY SAVING PACKAGE

- Heat Seal® Glass System Double Pane Glass Unit
- Foam Filled Extrusions
- · Locking Screen

U-Value	0.25
SHGC	0.30
VT	0.55
CR	62

SUPER DELUXE

ENERGY SAVING PACKAGE

- Heat Seal® Super Glass System
 Triple Pane Glass Unit
- Foam Filled Extrusions
- · Locking Screen

U-Value	0.19	///
SHGC	0.26	
VT	0.45	10
CR	72	1

SUPER DELUXE

ENERGY SAVING PACKAGE with KRYPTON GAS

- Heat Seal® Super Glass System
 Triple Pane Glass Unit KRYPTON Gas
- Foam Filled Extrusions
- · Locking Screen

0.15
0.26
0.43
75

SUNSEAL BASIC

 SunSeal® Glass System Double Pane Glass Unit

U-Value	0.27
SHGC	0.21
VT	0.42
CR	62



SUNSEAL DELUXE

- · SunSeal® Double Pane Glass Unit
- Foam Filled Extrusions
- · Locking Screen

U-Value	0.25	
SHGC	0.21	
VT	0.42	W.
CR	62	

SUNSEAL SUPER DELUXE

- SunSeal® Triple Pane Glass Unit
- Foam Filled Extrusions
- · Locking Screen



SUNSEAL SUPER DELUXE with KRYPTON GAS

- SunSeal® Triple Pane Glass Unit
- Foam Filled Extrusions
- Locking Screen

U-Value	0.15
SHGC	0.17
VT	0.26
CR	75

TOMORROW'S TECHNOLOGY TODAY



	THERMAL PERFOR	RMANCE (WITHOUT	GRIDS)	
	Double Hung U-Value	Slider U-Value	Picture U-Value	Energy Star Minimum Northern Climate Zone
HEATSEAL GLASS PACKAGE				
Energy Saving Package	0.27	0.27	0.27	0.30
Deluxe Package	0.25	0.26	0.24	0.30
HEATSEAL SUPER GLASS PACKAGE				
Energy Saving Package	0.21	0.21	0.20	0.30
Deluxe Package	0.19	0.20	0.18	0.30
Deluxe Package - Krypton Gas	0.15	0.16	0.14	0.30
	STRUCTURA	L PERFORMANCE		
	Double Hung (40x63)	Slider (63x44)	Picture (48x48)	Industry Minimum
DUAL GLAZED				
AAMA Rating	R 50	R 40	R 75	R15
Air Infiltration (CFM/FT²)	0.02	0.09	< 0.01	0.3
Water Penetration (MPH)	54	59	66	33
				15000

U-Value result are based on tested window sample without grids by NFRC. U-Value, SHGC, VT, CR values may change slightly for windows made with **GBG** (Grids Between Glass). **WATER PENETRATION** mph - Specifies wind load pressure in mph a window can withstand without leaking, under rain equivalent to 8" per hour. **STRUCTURAL INTEGRITY** mph - Wind load in mph the window can withstand before breaking.

171

All result numbers are based on tested window sample by NFRC and AAMA testing window guidelines. Use for comparison purposes only. Actual values may vary depending on installation, size of the window, and other conditions.

All illustrations, photographs, and specifications in this publication are based on the latest product information available at the time of printing. Some windows shown with optional features. See the actual product for complete accuracy. The manufacturer reserves the right to alter or discontinue any model or specification without notice.



Structural Integrity (MPH)



153



210

