



**vinylmax**  
windows

Passion for Homes and Families

*The  
Choice Collection*

## DOUBLE HUNG

1. **Cove molded sash detail** replicates the look of classic wood windows.
2. Traditional stepped **Bio-Maxx composite locks and keepers** are 50% stronger than standard die-cast hardware while remaining lead-free and color-true, without fading, warping or chipping. Locks are color matched to your window's interior.
3. **Dual Function partitioned sloped sill with integrated weep system** forms a negative pressure pocket that keeps sashes securely in place and water flowing away from your home, even during the most adverse weather conditions.
4. **Shadow grooved sash welds** replicate the classic look of mitered wood corners.
5. **IdeaSeal™ triple protection weather seal** keeps the indoor and outdoor environments separate with an integral interlock, sill compression bulb seal, and multiple rows of weatherstripping.
6. **Full balance covers** hide internal systems while eliminating unsightly visible sash stops.
7. **Integral lift and pull rails** are ergonomically engineered for smooth operation while remaining aesthetically appealing.
8. **Dual push-button ASTM forced entry resistant night locks** limit sash movement for your family's safety and security.
9. **Effortless pivot balance system** utilizes stainless steel coils making sash operation smooth, effortless and whisper-quiet.
10. **Multi-chambered vinyl construction** provides a maintenance-free lifestyle with superior strength and thermal efficiency.
11. **Low-profile tilt latches** sit subtly out of view but easily engage when sashes need to be tilted in for cleaning.
12. **Four-point fusion welding** guarantees the frames and sashes are always strong and square.
13. **BetterVue® insect screening with Water Shed Technology™** preserves optical clarity by shedding water and resisting dirt and grime for a sharp, more brilliant outward view with 20% better air flow.



### UPGRADE OPTION



High-performance PVC coated spring steel frame is damage resistant, beautifully invisible and effortless to install. Simply hold the screen in your hands, bend the sides in, and fit FlexScreen in to your screen track.

**BETTERVUE**  
IMPROVED VISIBILITY INSECT SCREEN





## 2 & 3 LITE SLIDERS

1. **Multi-chambered vinyl frame sashes**
2. **Multi-point fusion welding technology**
3. **Ventilation latch** limits sash travel
4. **Tandem rollers** facilitate smooth sash movement
5. **Multiple rows of weatherstripping** on frames and sashes
6. **Overlap interlock** protects against moisture and air

## PICTURE WINDOWS

1. **Multi-chambered vinyl frame** is energy-efficient and maintenance-free
2. **Multi-point fusion welding technology** ensures corner integrity and strength
3. **Effective weep water management system**
4. Variety of **shapes** available



## OTHER STYLES

### CASEMENT & AWNINGS



### BAYS & BOWS



### ELEGANCE PATIO DOORS



*Top 5*

## REASONS TO REPLACE YOUR WINDOWS

1

### LOWER YOUR ENERGY BILLS

2

### INCREASE YOUR PROPERTY VALUE

3

### FEEL MORE SECURE

4

### ENHANCE YOUR HOME'S CURB APPEAL

5

### GET MORE PEACE AND QUIET

# Your home, your *Choice*

## Colors



White



Tan



Cavalier Oak



Natural Oak



Colonial Cherry



Vintage Pecan



Black



Bronze

### Solid Colors

### Laminated Interiors

### Laminated Exteriors



Butter



Tan



Clay



Pebble



Silver



Terra



Cocoa



Chestnut



Chocolate



Bronze



Black



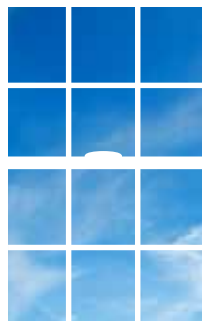
Forest



Brick

### Decorator Exterior Finishes

### Colonial



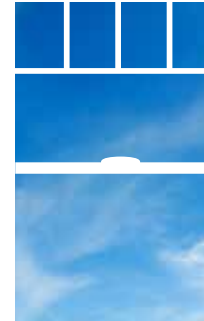
### Perimeter



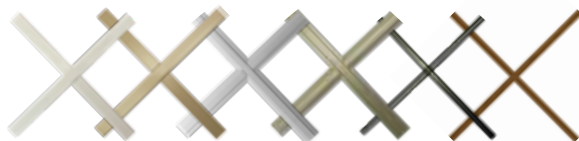
### Prairie



### Valance



## Grids



Flat, Georgian, and Pencil profiles available. Grids are placed between the glass and are securely locked into place, so they'll always remain straight and true.

## AVAILABLE UPGRADES



### Neopor® Foam Filled Frame

BASF Neopor® GPS is a graphite polystyrene rigid foam insulation, strategically custom-fitted in energy chambers in the window frame and sash vinyl. It is comprised of many small pockets of air within a polymer matrix containing graphite. The graphite reflects radiant heat energy like a mirror, increasing the window's resistance to the flow of heat, or R-Value. Neopor® actually increases in R-value as the temperature outside drops.



**Sentry System multi-function locking hardware** integrates the lock and tilt functions into the same lock housing, leaving an uncluttered appearance.



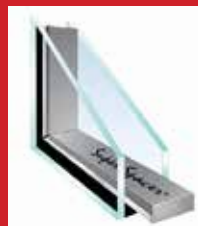


## SPACER SYSTEMS



### **Intercept Spacer System**

features a unique, one-piece, tin-plated U-channel design that creates an effective thermal barrier to help reduce conducted heat loss through the window. Its sealed, one-piece design makes Intercept spacers stronger and better at retaining insulating gas than many conventional designs.



### **Optional Super Spacer**

Warm edge Super Spacer is the “no metal” upgrade to help your windows reduce energy costs. Its 100% memory foam formula stands up to a wide range of temperatures and is designed to provide outstanding UV resistance. It dramatically decreases condensation and blocks heat escape for best thermal performance.

Top 5

REASONS TO CHOOSE  
TRIPLE PANE

1

40% MORE ENERGY  
EFFICIENT THAN DUAL  
PANE

2

REDUCED CONDENSATION

3

MEETS ENERGY STAR  
MOST EFFICIENT

4

REDUCED FADING FROM  
SUN

5

BETTER NOISE REDUCTION  
FOR A QUIETER HOME



## INTELLIGLASS PACKAGES

**IntelliGlass**  
high performance

Northern & North Central climates

GLASS  
PANES

2

LOW-E  
TYPE

Standard

AIRSPACE  
FILLING

Argon

**IntelliGlass X**  
solar control

North Central, South Central &  
Southern climates

2

Solar

Argon

**IntelliGlass X<sup>3</sup>**  
solar control triple pane

All climates

3

Solar

Argon

**IntelliGlass +**  
high performance triple pane

All climates

3

Standard

Argon

**IntelliGlass Kr**  
supreme performance triple pane

All climates

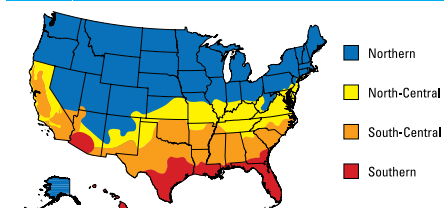
3

Standard

Krypton







## PERFORMANCE DATA

	No Grids						With Grids					
	Intercept			Super Spacer			Intercept			Super Spacer		
4700 Double Hung	U Value	SHGC	U Value	SHGC	VLT	Energy Star	U Value	SHGC	U Value	SHGC	VLT	Energy Star
IntelliGlass Low E / Argon	.28	.38	.27	.29	.53	N NC	.28	.34	.27	.26	.47	N NC
IntelliGlass X Low E / Argon	.28	.22	.27	.22	.50	NC SC S	.28	.20	.27	.20	.45	NC SC S
IntelliGlass X3 Triple Pane Low E / Argon	.24	.21	.23	.21	.46	N NC SC S	.25	.19	.23	.19	.41	N NC SC S
IntelliGlass Plus Triple Pane Low E / Argon	.20	.24	.18	.24	.40	N NC SC S	.20	.22	.18	.22	.35	N NC SC S
IntelliGlass Supreme Triple Pane Low E / Krypton	.18	.24	.16	.24	.40	N NC SC S	.18	.22	.16	.22	.35	N NC SC S

	No Grids						With Grids					
	Intercept			Super Spacer			Intercept			Super Spacer		
4750/4753 Slider	U Value	SHGC	U Value	SHGC	VLT	Energy Star	U Value	SHGC	U Value	SHGC	VLT	Energy Star
IntelliGlass Low E / Argon	.28	.37	.27	.29	.52	N NC	.28	.34	.27	.26	.47	N NC
IntelliGlass X Low E / Argon	.28	.22	.27	.22	.50	NC SC S	.28	.20	.27	.20	.44	NC SC S
IntelliGlass X3 Triple Pane Low E / Argon	.24	.21	.23	.21	.46	N NC SC S	.24	.19	.23	.19	.41	N NC SC S
IntelliGlass Plus Triple Pane Low E / Argon	.20	.24	.18	.24	.39	N NC SC S	.20	.22	.18	.22	.35	N NC SC S
IntelliGlass Supreme Triple Pane Low E / Krypton	.17	.24	.16	.24	.39	N NC SC S	.18	.22	.16	.22	.35	N NC SC S

	No Grids						With Grids					
	Intercept			Super Spacer			Intercept			Super Spacer		
4770 Picture Window	U Value	SHGC	U Value	SHGC	VLT	Energy Star	U Value	SHGC	U Value	SHGC	VLT	Energy Star
IntelliGlass Low E / Argon	.27	.39	.26	.30	.55	N NC	.27	.36	.26	.27	.49	N NC
IntelliGlass X Low E / Argon	.27	.23	.26	.23	.52	N NC SC S	.27	.21	.26	.21	.47	N NC SC S
IntelliGlass X3 Triple Pane Low E / Argon	.23	.22	.22	.22	.48	N NC SC S	.23	.20	.22	.20	.43	N NC SC S
IntelliGlass Plus Triple Pane Low E / Argon	.18	.25	.17	.25	.41	N NC SC S	.18	.23	.17	.23	.37	N NC SC S
IntelliGlass Supreme Triple Pane Low E / Krypton	.16	.25	.15	.25	.41	N NC SC S	.16	.23	.15	.23	.37	N NC SC S

Product Rating	Up to this size window*	Design Pressure PSF	Water Resistance PSF	Air Infiltration cfm/ft <sup>2</sup>
Double Hung R-PG45	40" x 63" SS glass	45	7.5	0.12
Double Hung R-PG50	40" x 63" DS glass	50	7.5	0.09
Slider R-PG25	63" x 44" SS glass	25	4.5	0.13

2020 Energy Star Most Efficient

The lower the **U-value**, the greater a window's resistance to heat flow and the better its insulating value.  
The lower the **SHGC**, the more a product is blocking solar heat from coming through the window.  
**VLT** - Visible Light Transmittance - lower values mean less light passing through the window.

\* windows outside these size limits have not been structurally tested

## WHAT WE MEASURE AND WHY



### U-Value

measures the rate of heat transfer and tells you how well the window insulates. The lower the U-Value, the better the window insulates.



### Solar Heat Gain Coefficient (SHGC)

measures the fraction of solar energy transmitted and tells you how well the product blocks heat caused by sunlight. SHGC is measured on a scale of 0 to 1. The lower the SHGC, the less solar heat the window transmits.



### Visible Light Transmittance

measures the fraction of visible light transmitted through the window. The higher the Visible Light Transmittance, the more light shines through.

# The Choice Collection



## Made in the USA

Vinylmax is passionate about American manufacturing, American jobs and the American economy. That is why we source the majority of our components from other American manufacturers and fabricate our windows in our Ohio and New York factories. When you buy a window made in the USA, you can be sure you are not only getting American quality, but also supporting and sustaining local communities.

## Warranty

Many windows claim to carry a lifetime warranty, but Choice windows are backed by one of the strongest window warranties available. Our Lifetime Limited Warranty includes:



**Vinyl** - warranted against warping, chipping, cracking, blistering rotting.

**Glass** - warranted against visual obstruction, seal failure, spontaneous AND accidental breakage.

**Screen** - frame warranted against cracking or breaking, cloth warranted against rotting or staining.

**Parts & Hardware** - are warranted against cracking, breaking or failing during normal use.

We want you to love your windows for as long as you live in your home. In fact, we want the next homeowner to love them, too, so the warranty is transferable.\*

\*Limitations apply.

Manufactured exclusively for

