

**vinylmax**  
windows

Passion for Homes and Families



THE  
**INSPIRE**  
COLLECTION

NEW CONSTRUCTION WINDOWS

# THE INSPIRE COLLECTION

Our new construction products are designed to be an inspiration for your new home. The Inspire Collection is precisely engineered so that we can deliver you quality, energy-efficient products every time. We offer a full range of options to meet your every need.

**Fusion welded frame and sash corners** are secure and weather tight

**Multi-chambered vinyl construction** provides a maintenance-free lifestyle with superior strength and thermal efficiency

**3-1/4" Frame depth** with beveled exterior

**1-1/2" Nail fin** with 1" setback from exterior

**3/4" Brickmould j-channel option** supports a variety of exterior finish methods

**3/4" Insulated glass unit with Intercept spacer** is the foundation of thermal performance and comfort

**Removeable sash** allow for convenient cleaning from inside the home. Full interlocking meeting rail

**Integral sash lift rail** for easy operation, are a fundamental part of the sash and will not pull loose or break

**Triple weatherstripped sash and meeting rail** reduce air infiltration

**Composite locks** and horizontal fastened lock keeper

**Flush mount tilt latches** allow for easy cleaning from inside the home. Ergonomic single piece shuttle design will not break, even with thousands of uses

**Dual function partitioned sloped sill** forms a negative pressure pocket that keeps the sash securely in place and water flowing away from your home

**Made in USA** with more than 90% domestic content



## CONSTRUCTION

Fusion Welded PVC Frame and Sash



1 1/2" Integral Nail Fin with 1" Setback



Fully Interlocking Meeting Rail



Integral Extruded Lift Rail



Dual Function Sloped Sill



FlexScreen 1/2 Screen



Recessed Tilt Latches



IntelliGlass Glass Options



BioMaxx Composite Locks and Keepers



## STYLE & AESTHETICS

J-Channel



Black Laminate Exterior



Clay Extrusion



HD Half Screen



Full FlexScreen



## PERFORMANCE

Drywall Access



High Performance Reinforcement Packages



Triple Glaze Glass



Jamb Extensions (4 $\frac{1}{16}$  and 6 $\frac{1}{16}$ )



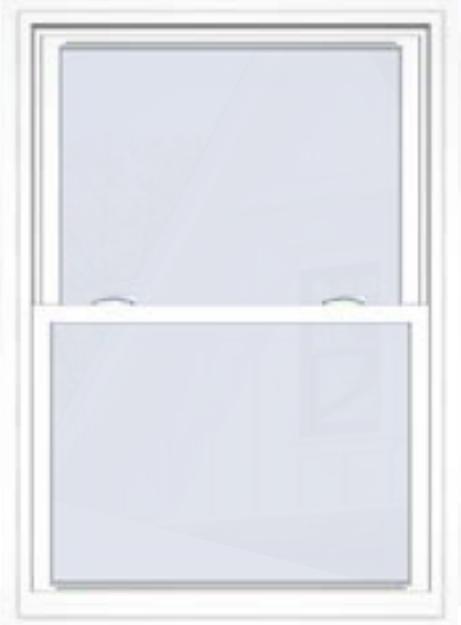
WOCD (Window Opening Control Device)



Standard

Option

## DOUBLE HUNG



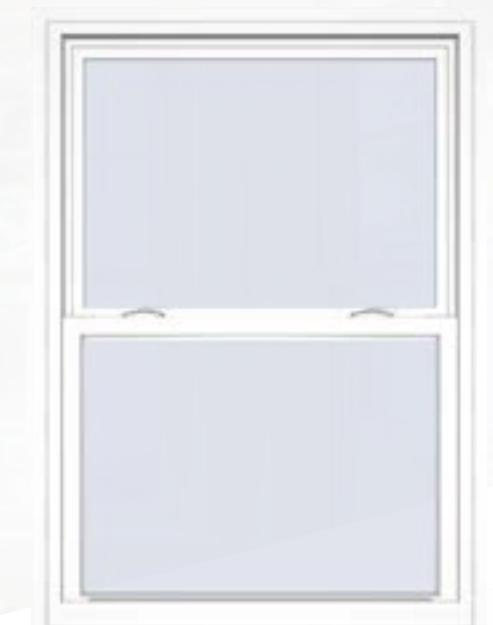
### 4200 SERIES



### 4100 SERIES



## SINGLE HUNG



## STANDARD FEATURES

**Multi-chambered vinyl construction** provides a maintenance-free lifestyle with superior strength and thermal efficiency.

**Lift out sashes** allow for convenient cleaning from inside the home. Full interlocking meeting rail.

**Integral sash lift rail** for easy operation, are a fundamental part of the sash and will not pull loose or break.

**Triple weather-stripped sash and meeting rail** reduce air infiltration.

**Flush mount tilt latches** allow for easy cleaning from inside the home. Ergonomic single piece shuttle design will not break, even with thousands of uses.

## OPTIONS

J-Channel

HD Half Screen

Full FlexScreen

High Performance Reinforcement Packages

Triple Glaze Glass

Jamb Extensions (4 9/16" and 6 9/16")

WOCD (Window Opening Control Device)



## STANDARD FEATURES

**3/4" Insulated glass unit with Intercept spacer** is the foundation of thermal performance and comfort.

**Triple weatherstripped sash and meeting rail** reduce air infiltration.

**Composite locks** and horizontal fastened lock keeper.

**Flush mount tilt latches** allow for easy cleaning from inside the home. Ergonomic single piece shuttle design will not break, even with thousands of uses.

**Dual function sloped sill** forms a negative pressure pocket that keeps the sash securely in place and water flowing away from your home.

**3-1/4" Frame** with beveled exterior.

## OPTIONS

J-Channel

High Performance Reinforcement Packages

Triple Glaze Glass

Jamb Extensions (4 9/16" and 6 9/16")

WOCD (Window Opening Control Device)

Drywall Access

## 2 & 3 LITE SLIDERS

### STANDARD FEATURES

**Lift out sashes** allow for convenient cleaning from inside the home.

**Integrated weep system** for efficient water management.

**Multiple rows of weatherstripping** reduce air infiltration.

**Integral pull handles** will never pull loose.

**Full overlap interlock** ensures drafts stay out.

**Ventilation latch** permits secure ventilation.

**Tandem non-marking rollers** glide effortlessly on monorail track.



4150 Slider



4250 Slider

3 Lite Slider  
1/4-1/2-1/4

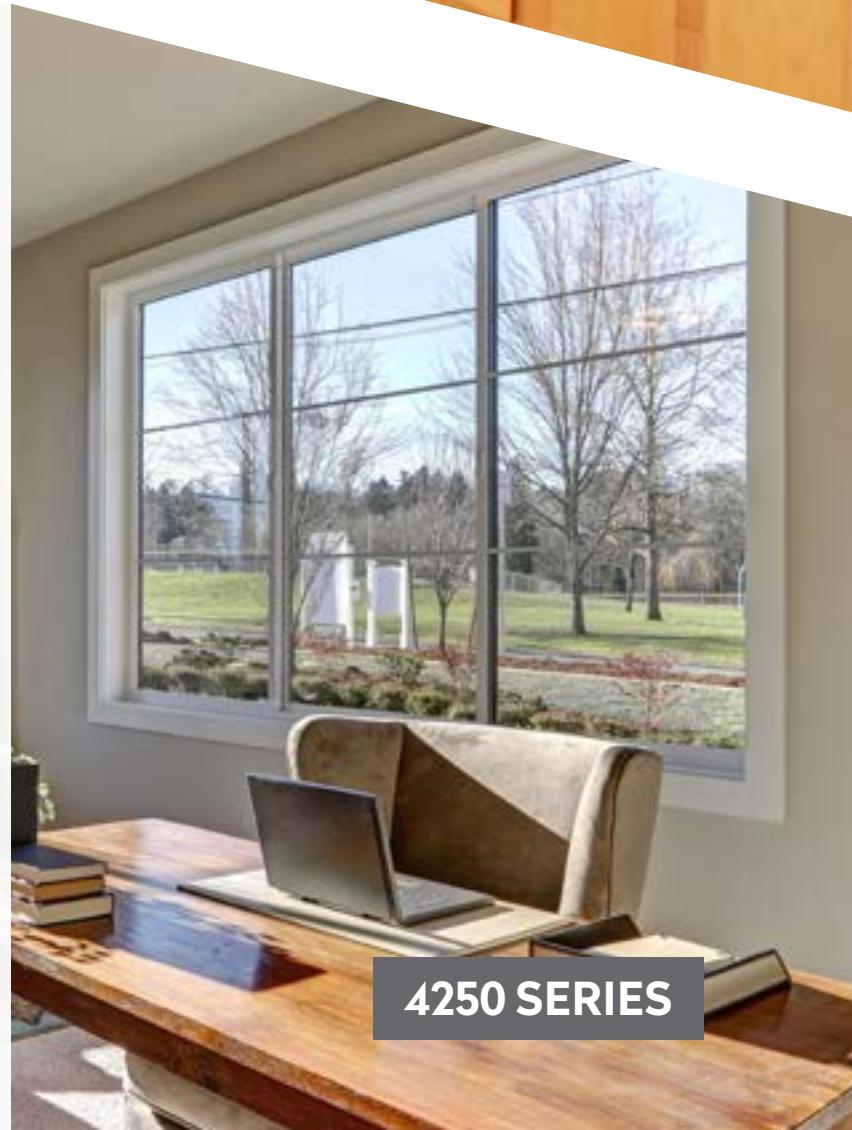
3 Lite Slider  
Equal Lite



## 4150 SERIES



## 4250 SERIES



## PICTURE WINDOWS

Picture windows are fully fusion-welded and maximize natural light.  
Companion frame style complements operating windows.



Architectural shapes are available.



# CHOOSE YOUR PERFECT LOOK

## TRUSTED QUALITY

### COLORS



### PAINTED EXTERIOR FINISHES

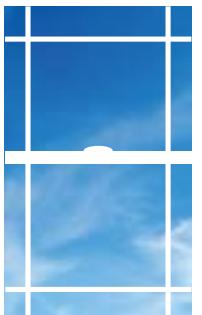


### GRIDS

#### Colonial



#### Perimeter



#### Prairie



#### Valance



### SCREENS

All New Construction windows feature a half screen with improved visibility screen mesh. Our screen mesh provides superior visibility and a hydrophobic water-repellant coating that helps keep your screens springtime clean year-round.



#### X FLEXSCREEN

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



Available Option  
**Heavy Duty 1/2 Screen**  
(White Only)



#### THIRD PARTY TESTING

Vinylmax products are tested and rated by the National Fenestration Rating Council.



#### ENERGY STAR®

Vinylmax manufactures products that are precisely engineered to be highly energy efficient.

### WARRANTY

Many windows claim to carry a lifetime warranty, but our windows are backed by one of the strongest window warranties available.

Our Lifetime Limited Warranty includes:

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

**Glass** - warranted against visual obstruction, seal failure, and spontaneous 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.



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# ANATOMY OF AN ENERGY EFFICIENT WINDOW

- 1. Quality Frame Materials:** low-maintenance frame materials, like vinyl, reduce heat transfer and help to better insulate.
- 2. Multiple Panes:** two or three panes of glass with a gas filled airspace are energy-efficient, resist impact damage and provide sound insulation.
- 3. Low E Glass:** reflects heat and keeps heat inside in the winter and outside in the summer. UV is also reflected, protecting furnishings from fading while allowing plants to thrive.
- 4. Gas Fill:** Inert Argon is more dense and insulates better than regular air.
- 5. Warm Edge Spacers:** like Intercept or Super Spacer, keeps a window's glass panes the correct distance apart. Warm Edge Spacers insulate pane edges, reducing heat transfer through the window.



## PERFORMANCE DATA

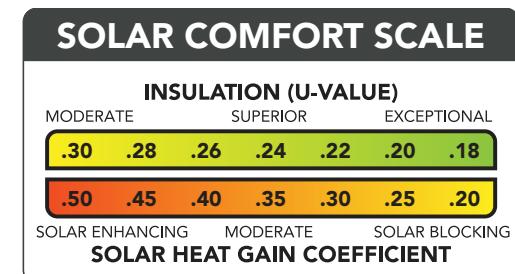
### 4200 Series

4200 NC Double Hung		No Grids		With Grids		
		Intercept	U Value	ENERGY STAR 7.0	SHGC	VLT
IntelliGlass Low E / Argon	SS	.29			.29	.54
	DS	.29			.28	.53
IntelliGlass X Low E / Argon	SS	.28	<span style="color: orange;">SC S</span>	.21	.50	
	DS	.28	<span style="color: orange;">SC S</span>	.21	.49	
IntelliGlass N Low E / Argon	SS	.25	<span style="color: blue;">N</span>	.48	.57	
	DS	.25	<span style="color: blue;">N</span>	.46	.54	
IntelliGlass C Low E / Argon	SS	.24	<span style="color: orange;">NC SC S</span>	.20	.46	
	DS	.24	<span style="color: orange;">NC SC S</span>	.20	.45	
IntelliGlass X3 Triple Pane Low E / Argon	SS	.24	<span style="color: orange;">NC SC S</span>	.20	.46	
	DS	.25	<span style="color: orange;">NC SC S</span>	.20	.45	
IntelliGlass Plus Triple Pane Low E / Argon	SS	.20	<span style="color: blue;">N NC</span>	.24	.42	
	DS	.21	<span style="color: blue;">N NC</span>	.24	.41	

4250 NC Slider		No Grids		With Grids		
		Intercept	U Value	ENERGY STAR 7.0	SHGC	VLT
IntelliGlass Low E / Argon	SS	.29			.29	.55
	DS	.29			.29	.54
IntelliGlass X Low E / Argon	SS	.28	<span style="color: orange;">SC S</span>	.21	.51	
	DS	.28	<span style="color: orange;">SC S</span>	.21	.50	
IntelliGlass N Low E / Argon	SS	.25	<span style="color: blue;">N</span>	.49	.58	
	DS	.25	<span style="color: blue;">N</span>	.47	.56	
IntelliGlass C Low E / Argon	SS	.24	<span style="color: orange;">NC SC S</span>	.21	.47	
	DS	.24	<span style="color: orange;">NC SC S</span>	.20	.45	
IntelliGlass X3 Triple Pane Low E / Argon	SS	.24	<span style="color: orange;">NC SC S</span>	.20	.47	
	DS	.25	<span style="color: orange;">NC SC S</span>	.20	.46	
IntelliGlass Plus Triple Pane Low E / Argon	SS	.20	<span style="color: blue;">N NC</span>	.25	.43	
	DS	.21	<span style="color: blue;">N NC</span>	.25	.42	

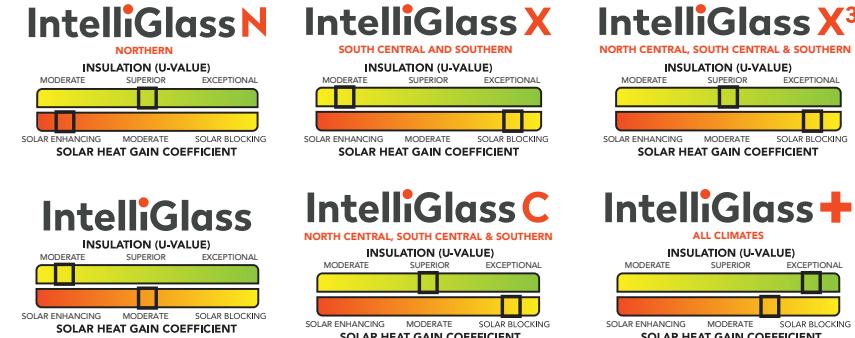
# INTELLIGLASS PACKAGES

IntelliGlass combines the power of Low-E glass with Warm Edge spacer and Argon gas to deliver efficient management of radiation, whether it's solar, light, ultraviolet or heat. Today's windows are more than 80% glass, and selecting the ideal IntelliGlass package to meet the your home's climate challenges is the BEST way to keep your home comfortable and ensure optimum energy performance all year long. the coefficient, the more solar heat is blocked.



### Choosing the Right Glass Package

Every home is different, and Vinylmax offers an IntelliGlass package to fit any energy need. Use this guide to match your climate zone with the right insulation and solar control performance.



### 4100 Series

4100 Single Hung		No Grids		With Grids		
		Intercept	U Value	ENERGY STAR 7.0	SHGC	VLT
IntelliGlass Low E / Argon	SS	.29			.29	.55
	DS	.29			.29	.54
IntelliGlass X Low E / Argon	SS	.29	<span style="color: orange;">S</span>	.21	.51	
	DS	.29	<span style="color: orange;">S</span>	.21	.50	
IntelliGlass N Low E / Argon	SS	.26	<span style="color: blue;">N</span>	.49	.58	
	DS	.26	<span style="color: blue;">N</span>	.47	.55	
IntelliGlass C Low E / Argon	SS	.25	<span style="color: orange;">NC SC S</span>	.21	.47	
	DS	.25	<span style="color: orange;">NC SC S</span>	.20	.45	
IntelliGlass X3 Triple Pane Low E / Argon	SS	.24	<span style="color: orange;">NC SC S</span>	.20	.47	
	DS	.25	<span style="color: orange;">NC SC S</span>	.20	.46	
IntelliGlass Plus Triple Pane Low E / Argon	SS	.20	<span style="color: blue;">N NC</span>	.25	.43	
	DS	.21	<span style="color: blue;">N NC</span>	.25	.42	

4150 Slider		No Grids		With Grids		
		Intercept	U Value	ENERGY STAR 7.0	SHGC	VLT
IntelliGlass Low E / Argon	SS	.29			.29	.55
	DS	.29			.29	.54
IntelliGlass X Low E / Argon	SS	.29	<span style="color: orange;">S</span>	.21	.51	
	DS	.29	<span style="color: orange;">S</span>	.21	.50	
IntelliGlass N Low E / Argon	SS	.26	<span style="color: blue;">N</span>	.49	.58	
	DS	.26	<span style="color: blue;">N</span>	.47	.55	
IntelliGlass C Low E / Argon	SS	.25	<span style="color: orange;">NC SC S</span>	.20	.47	
	DS	.25	<span style="color: orange;">NC SC S</span>	.20	.45	
IntelliGlass X3 Triple Pane Low E / Argon	SS	.24	<span style="color: orange;">NC SC S</span>	.20	.47	
	DS	.25	<span style="color: orange;">NC SC S</span>	.20	.46	
IntelliGlass Plus Triple Pane Low E / Argon	SS	.20	<span style="color: blue;">N NC</span>	.25	.43	
	DS	.21	<span style="color: blue;">N NC</span>	.25	.42	



## THE VINYLMAX STORY

Founded in 1982 by the Doerger family and manufacturing a mere five windows per day, the Vinylmax legacy began to unfold. As one of the very first vinyl window manufacturers in the United States, Vinylmax embraced the philosophy that quality custom windows manufactured quickly would inspire loyalty in its customers.

Today, the next generation of the Doerger family continues to embrace that philosophy. Millions of American homes are more beautiful and more energy-efficient, thanks to Vinylmax windows.

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WINDOW+DOOR  
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National Fenestration  
Rating Council

