

**vinylmax**  
windows

Passion for Homes and Families



THE  
**INSPIRE**  
COLLECTION

NEW CONSTRUCTION WINDOWS AND DOORS



# WHY VINYLMAX?



**Quality First.** In our facility, we utilize the most modern manufacturing methods and technology to produce the highest quality vinyl replacement windows. This results in the best value for your home.



**Family Values.** As a family-owned and operated business, we value and respect our employees and their families as well as the millions of families who have our windows in their homes.



**Warranty.** To protect your investment and our reputation, we back our products with a Lifetime Limited Warranty so strong that it will exceed your expectations.



**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 Vinylmax windows, you can be sure you are not only getting American quality but also supporting and sustaining local communities.



**Our Process.** Modern homes for modern families require windows designed to aesthetically and efficiently complement them. At Vinylmax, we utilize state-of-the-art manufacturing technology to produce both energy-efficient windows and patio doors with features and accessories with today's family in mind.









# 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

**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







**4100**      **4200**  
 SH | SSL | 3SL | PW    DH | 2SL | 3SL | PW

**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	●	●
BetterVue Mesh Half 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 Screen		●

**PERFORMANCE**

Drywall Access	●	●
High Performance Reinforcement Packages	●	●
Triple Glaze Glass	●	●
Jamb Extensions (4 <sup>9</sup> / <sub>16</sub> and 6 <sup>9</sup> / <sub>16</sub> )	●	●
WOCD (Window Opening Control Device)	●	●

● Standard    ● Option

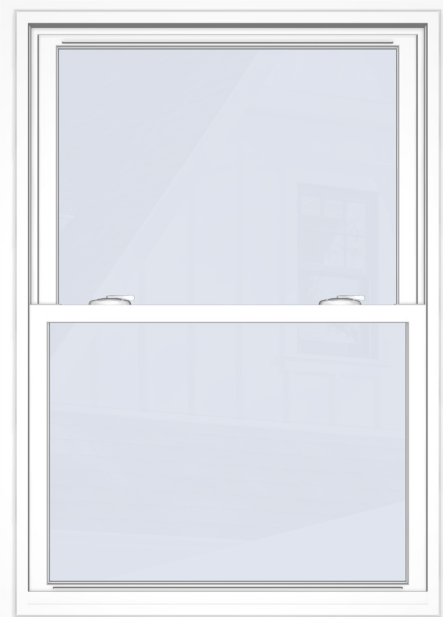


4200 SERIES





# DOUBLE 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 Screen | FlexScreen**

**High Performance Reinforcement Packages**

**Triple Glaze Glass**

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

**WOCD (Window Opening Control Device)**



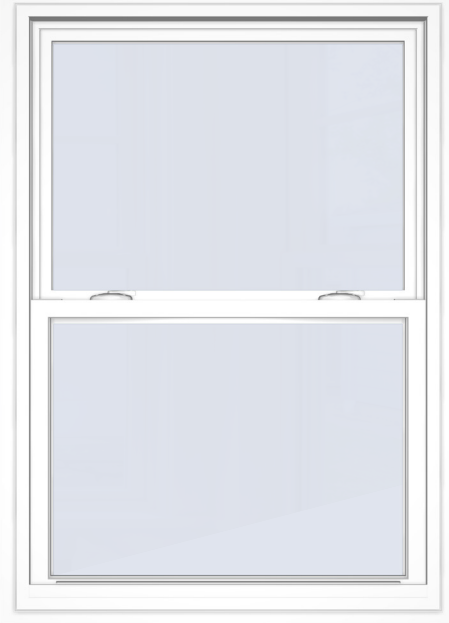


4100 SERIES





# SINGLE HUNG



## 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

4150 SERIES

## STANDARD FEATURES

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

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

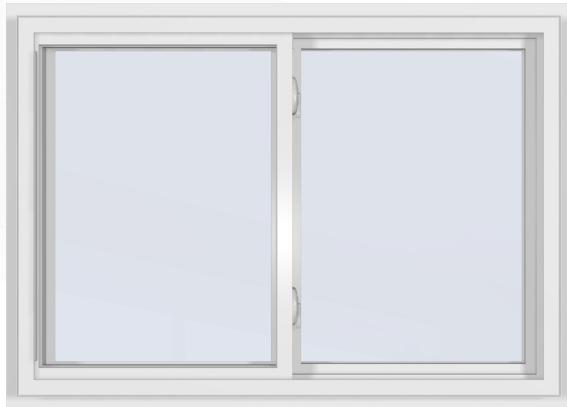
**Multiple rows of weatherstripping** reduce air infiltration.

**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



4250 SERIES



# PICTURE WINDOWS

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



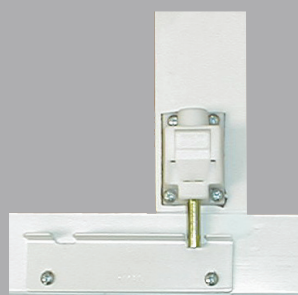
Architectural shapes are available.







**AVAILABLE  
UPGRADES**



**KICK OPERATED TOE LOCK**

Optional secondary toe lock provides additional security when engaged. This lock can be installed as a secondary security lock to lock the door in fully closed position, or as a vent lock, to allow the door to be locked while partially open for fresh airflow.



# INSPIRE PATIO DOORS

Designed to handle the constant traffic of busy families and offers great thermal performance.

## STANDARD FEATURES

**Multi-Chambered 4-7/8" fusion welded PVC frame** provides lasting strength and low-maintenance beauty.

**Integral nail fin** is 1-1/4" long with 1-3/8" setback. Can be removed at factory or in the field.

**Fusion welded operating panel** features corners that will never separate or crack.

**Direct set fixed panel** improves door structure and eases installation.

**Reinforced vertical rails** prevent twisting or warping of the panel and interlock.

**Full interlock** ensures secure closing of the door and keeps out drafty elements.

**Field reversible two panel doors** allow for flexibility in determining operating direction. Can be factory specified.

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

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

**Tandem self-leveling steel rollers** are end adjustable to allow fine tuning of door operation.

**Impact resistant threshold** withstands heavy traffic.

**Interior handle is color matched** and allows door to lock with a secure interior thumb latch.

**Rolling screen door** includes BetterVue improved visibility screen mesh.

\*See Inspire Patio Door brochure for full list of options and more information

## KEYED LOCK HANDLE

By choosing our optional keyed lock patio door handle, you take control of your privacy and security. Offers convenient and easy access by allowing your patio door to be locked and unlocked from the exterior of your home.



## STANDARD SIZES

NOMINAL SIZED	DOOR SIZE
5068	58 <sup>3</sup> / <sub>4</sub> " x 79 <sup>1</sup> / <sub>2</sub> "
6068	70 <sup>3</sup> / <sub>4</sub> " x 79 <sup>1</sup> / <sub>2</sub> "
8068	94 <sup>3</sup> / <sub>4</sub> " x 79 <sup>1</sup> / <sub>2</sub> "

CUSTOM SIZES ALSO AVAILABLE



# CHOOSE YOUR PERFECT LOOK

## COLORS

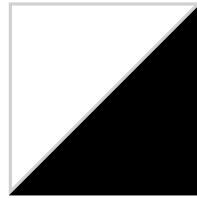
### Vinyl Colors



White



Clay



Black Laminated Exterior

## GRIDS

### Colonial



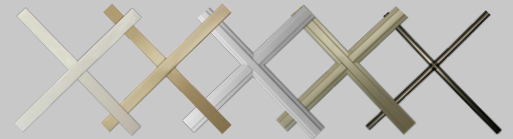
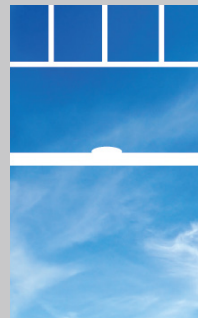
### Perimeter



### Prairie



### Valance



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

## SCREENS



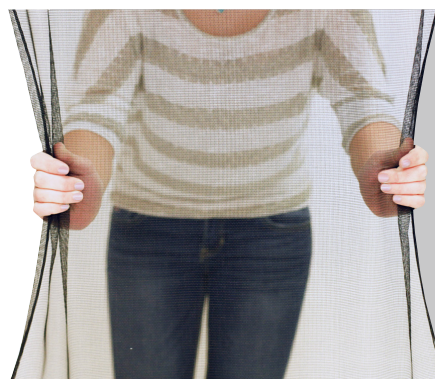
All New Construction windows feature a half screen with BetterVue improved visibility screen mesh. BetterVue's nearly invisible screen mesh allows you to feel the breeze and absorb your view without swatting pesky bugs.



Heavy Duty 1/2 Screen



Full Screen



A 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 into your screen track.





## BENEFITS OF BETTERVUE SCREEN WITH WATER SHED TECHNOLOGY

Water Shed Technology gives BetterVue a clear view for the life of the product by repelling water and resisting dirt and grime, making them much less likely to accumulate on the screen.

- Durable, hydrophobic coating will not wash off
- Sheds water and debris during rainstorm or with hose sprayer
- Preserves viewing clarity for more brilliant outward views
- Remains cleaner longer and increases life expectancy of the screen



Contact your sales or customer service representative for additional details.

\*Color and grid availability varies by product.

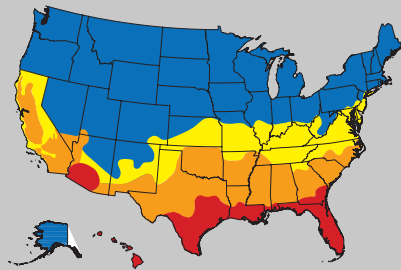


# INTELLIGLASS PACKAGES

		GLASS PANEL	LOW-E TYPE	AIRSPACE FILLING
<b>IntelliGlass</b> high performance	Northern & North Central climates	2	Standard	Argon
<b>IntelliGlass X</b> solar control	North Central, South Central & Southern climates	2	Solar	Argon
<b>IntelliGlass X<sup>3</sup></b> triple pane solar control	All climates	3	Solar	Argon
<b>IntelliGlass +</b> triple pane high performance	All climates	3	Standard	Argon



ENERGY STAR® for Windows, Doors, and Skylights  
CLIMATE ZONE MAP



- Northern
- North-Central
- South-Central
- Southern

## Save money - and more.

Installing ENERGY STAR® qualified windows and doors lowers energy bills and saves you money. With more efficient windows, you also use less energy, which reduces greenhouse gas emissions from power plants.

Inspire Collection windows can be specified with high-performance glass to meet ENERGY STAR® criteria in all climate zones.

## PERFORMANCE DATA

### THERMAL

	No Grids			With Grids		
	U-Value	SHGC	VLT	U-Value	SHGC	VLT
<b>4100 Single Hung</b>						
Clear Glass	.46	.63	64%	.46	.56	57%
IntelliGlass Low E / Argon	.29	.37	52%	.29	.34	47%
IntelliGlass X Low E / Argon	.29	.22	49%	.29	.20	44%
IntelliGlass Plus Low E / Argon	.20	.24	39%	.20	.22	35%
IntelliGlass X3 Low E / Argon	.24	.21	46%	.25	.19	41%
<b>4150 Slider</b>						
Clear Glass	.47	.63	64%	.47	.56	57%
IntelliGlass Low E / Argon	.29	.37	52%	.29	.34	47%
IntelliGlass X Low E / Argon	.29	.22	49%	.29	.20	44%
IntelliGlass Plus Low E / Argon	.20	.24	39%	.20	.22	35%
IntelliGlass X3 Low E / Argon	.24	.21	46%	.25	.19	41%
<b>4170 Picture Window</b>						
Clear Glass	.45	.65	67%	.45	.58	60%
IntelliGlass Low E / Argon	.27	.39	54%	.27	.36	49%
IntelliGlass X Low E / Argon	.27	.23	52%	.27	.21	47%
IntelliGlass Plus Low E / Argon	.19	.25	40%	.18	.23	37%
IntelliGlass X3 Low E / Argon	.23	.22	48%	.23	.20	43%

### THERMAL

	No Grids			With Grids		
	U-Value	SHGC	VLT	U-Value	SHGC	VLT
<b>4200 Double Hung</b>						
Clear Glass	.46	.63	64%	.46	.56	57%
IntelliGlass Low E / Argon	.28	.39	56%	.28	.35	50%
IntelliGlass X Low E / Argon	.29	.21	49%	.19	.44	44%
IntelliGlass Plus Low E / Argon	.20	.27	44%	.20	.24	39%
IntelliGlass X3 Low E / Argon	.24	.21	45%	.24	.19	40%
<b>4250 Slider</b>						
Clear Glass	.47	.63	64%	.47	.56	57%
IntelliGlass Low E / Argon	.29	.37	52%	.29	.34	47%
IntelliGlass X Low E / Argon	.29	.22	49%	.29	.20	44%
IntelliGlass Plus Low E / Argon	.20	.24	39%	.20	.22	35%
IntelliGlass X3 Low E / Argon	.24	.21	46%	.25	.19	41%
<b>4270 Picture Window</b>						
Clear Glass	.45	.65	67%	.45	.58	60%
IntelliGlass Low E / Argon	.27	.39	54%	.27	.36	49%
IntelliGlass X Low E / Argon	.27	.23	52%	.27	.21	47%
IntelliGlass Plus Low E / Argon	.19	.25	40%	.18	.23	37%
IntelliGlass X3 Low E / Argon	.23	.22	48%	.23	.20	43%

The above values are for SS glass, Intercept and No reinforcement. Thermal values do vary with options picked, other values available upon request.

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.





# TRUSTED QUALITY



## THIRD PARTY TESTING

Vinylmax products are tested and rated by the National Fenestration Rating Council and the American Architectural Manufacturers Association.



## 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.



**vinylmax**  
windows



# COMPLIMENTARY PRODUCTS

## PRESTIGE CASEMENTS & AWNINGS

### STANDARD FEATURES

**Fusion welded frame and sash corners** are secure, weather tight and never pull apart.

**Multi-chambered vinyl frame and sash** are energy efficient, maintenance-free and last a lifetime.

**Beveled sash exterior** gracefully accents every architectural style.

**Double paned IntelliGlass high performance insulated glass** produces optimal energy performance.

**Intercept warm-edge spacer system** has proven seal integrity and conducts less heat and cold than other systems.

**Color-matched compression seals** are foam filled and create a water and weather tight seal around the entire opening on both the frame and the sash

**Roto X-Drive operating hardware** effortlessly handles the weight of even the heaviest sashes with smooth, quiet operation.

**Sealed operator housing and protected gear drive** minimizes contaminants from affecting operation.

**Patented laser-cut gear teeth** are hardened for superior strength.

**Fold-down crank handle** subtly nests into the operator housing to prevent interference with window treatments.

**Multi-point locking system** secures the sash tightly into the frame in at least three locking locations.

**Sequential lock operation** assists sash pull in for effortless locking of even the tallest windows.

**Single lever lock handle** actuates the locking system with an audible click to signify open/closed positions.

**Color Matched Screen** with concealed retention system and UltraVue excellent visibility screen mesh.

One, two and three lite configurations available.





# BAYS & BOWS

## STANDARD FEATURES

**Color-matched, weatherproof PVC exterior** is maintenance free and resists scratching and denting.

**Hand-selected 1-1/4" furniture-grade Birch or Oak hardwood interior** is 67% thicker than typical products and won't delaminate or show glued seams.

**Solid Timberstrand laminated wood mullion** construction with "walled in" window openings provide superior strength and will not twist or warp.

**6" threaded lag bolt construction** anchors the head and seat board for support and durability.

**Veneer-banded edges** for a beautifully finished interior reveal.

**Optional low-voltage recessed lighting** highlights accent pieces.

**Optional insulated seat** increases comfort. Choose Superior R9 or Ultimate R21.

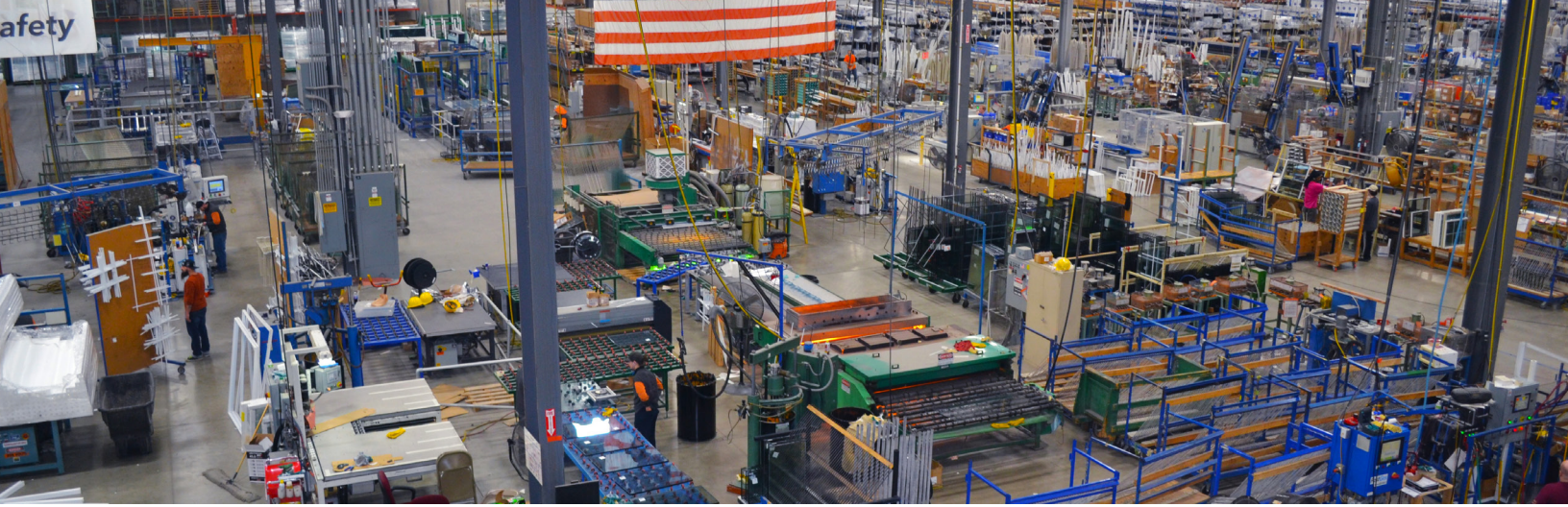
Bay and Bow windows add special space to any room and dimension to the home exterior. Bays and Bows are custom made to match your other windows and are available with double hung, picture windows or casements. Three lite bays and three, four, or five lite bows available.



\*See Prestige brochure for full list of options and more information







# 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.

**vinylmax**  
windows



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