PREMIUM VINYL NEW CONSTRUCTION WINDOWS

THE INSPIRE COLLECTION



Inspire 4200 Series | White Double-Hung Windows
A versatile collection of dual and triple mulled double-hung windows, complemented by custom mulled shapes. Each configuration features a classic Colonial grid pattern for a timeless, cohesive look.

vinylmax windows



Inspire 4200 Series | TrueCore™ Black Double-Hung & Picture Windows
A striking combination of TrueCore Black Double-Hung and Picture windows creates a bold, modern look while bringing abundant natural light into the space.



New construction vinyl windows are designed to deliver lasting quality, energy efficiency, and dependable performance for today's homes. Built with durable, low-maintenance vinyl frames and engineered for a precise, secure installation, they help enhance comfort, curb appeal, and long-term value. With a variety of styles, colors, and options available, The Inspire Collection by Vinylmax provides the flexibility builders and homeowners need while delivering beautiful, reliable performance for years to come.

Quality: Durable construction and dependable performance designed to enhance comfort, energy efficiency, and long-term value.

Engineering: Engineered for a precise, secure installation to help make the new construction process smooth and efficient.

Warranty: Backed by a comprehensive warranty for added confidence and peace of mind.



Energy Efficient

Designed to improve indoor comfort by helping reduce heat gain and heat loss. ENERGY STAR® certified options can also help lower heating and cooling costs.

NFRC Rated

Independent NFRC ratings provide trusted information about a window's energy performance. These ratings make it easier to compare products and choose the right option.

Performance Tested

Our windows are tested for air, water, and structural performance. This helps ensure lasting durability and reliable performance in changing conditions.



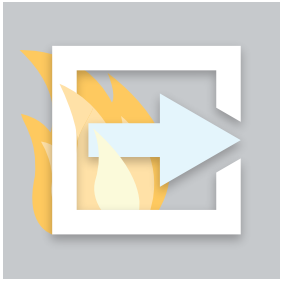
Inspire 4200 Series | White with Black Laminate Exterior
A crisp combination of white vinyl interiors and Black Laminate exteriors complements this modern farmhouse. 3-over-1 grids add traditional character while maintaining a clean, refined appearance.

Constructed for New Construction



1-1/2" Integral Nail Fin with 1" Set Back from Exterior

PG-R50
4200 Must Select DS Glass

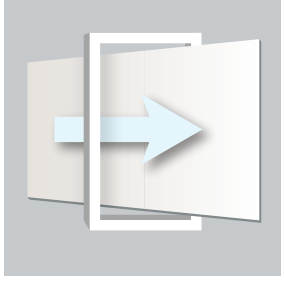


3052 Egress Sizing
4200 Must Select Egress Hardware

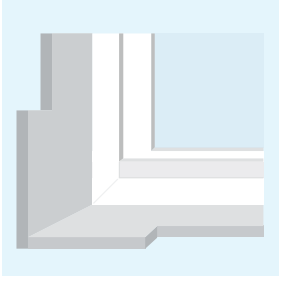
Optional



Integral J-Channel

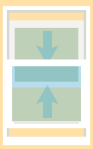


Drywall Pass Thru
(4100 Series Only)



4-9/16" or 6-9/16"
Jamb Extension

Available Styles



Double Hung



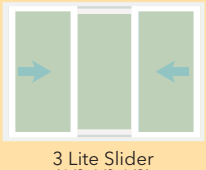
Single Hung



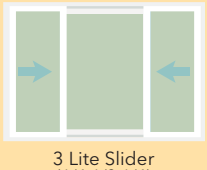
2 Lite Slider



Single Slider



3 Lite Slider
(1/3-1/3-1/3)



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

Picture



Shapes

THE INSPIRE 4200 SERIES DOUBLE-HUNG WINDOW



Inspire 4200 Series | White Double-Hung Windows
A bright, timeless interior featuring white Double-Hung windows with 2-by-3 SDL grids, adding classic character and architectural detail.

The 4200 Series double-hung window is the flagship of the Inspire Collection from Vinylmax. It combines classic style with dependable performance and modern versatility. Designed for new construction applications, it features a durable vinyl frame, smooth-operating sashes, and a timeless design that complements a wide range of home styles. With customizable options and energy-efficient glass packages, the Inspire Collection delivers lasting beauty, performance, and value for today's homes.



Hardware Highlights

The Inspire 4200 double-hung features premium hardware.

BioMaxx Lock (1) and Keeper (2) system is constructed of lead-free composite material and enhances security with tamper resistant locks and face-mounted keepers.

Elite constant force balances (3) operate smoothly and quietly with stainless steel springs and metal drop-in cams for effortless sash movement.

Push-button vent latches (4) permit limited sash travel for secure ventilation.

Optional Sentry System integrated lock/tilt function



Field-Applied WOCD

Optional Field-applied Window Opening Control Devices (WOCD) meets standards for securely limited opening.



Inspire 4200
Double-Hung

Available In

TrueCore™ Black

Built Black From The Inside Out

THE INSPIRE COLLECTION

Product Features

- 3-1⁄4" Multi-chambered Fusion-welded Vinyl Frames and Sashes
- 1-1/2" Integral Pre-punched Nail Fin with 1" Setback from Exterior
- Dual Function Partitioned Sloped Sill with Concealed Weep System
- Integral Lift/Pull Rails
- Full Width Interlocking Sash Rails
- Multiple Rows of Weatherstripping
- Color-matched BioMaxx Lead-Free Locks and Keepers
- 3⁄4" Insulated Dual Pane Glass with Intercept® Spacer System
- FlexScreen® with FlexView Enhanced Visibility Mesh

Size Limits

4200 Double Hung	Width	Height	UI*
Minimum	14"	24"	38"
Maximum	52"	98"	132"

MAXIMUM TRIPLE PANE SIZE
50"width x 80" height

4100 Single Hung	Width	Height	UI*
Minimum	16 1/2"	29 3/4"	45"
Maximum	52"	98"	150"

MAXIMUM TRIPLE PANE SIZE
50"width x 80" height

*United Inches = Width + Height



Inspire 4100 Series | Clay Single-Hungs & Picture Windows
Clay Single-Hung and Picture windows create a coordinated exterior, featuring a combination of vertical divider and farmhouse grids. The varied grid patterns add architectural detail while complementing the home's exterior.

THE INSPIRE 4100 SERIES SINGLE-HUNG WINDOW

4100 Series single-hung windows are the perfect solution when premium performance and simplicity are needed.

- High Performance Meeting Rail
- Low-profile Glazing Bead
- Concealed Sash Stop
- Inverted-shuttle Block & Tackle Balances
- Half FlexScreen® with FlexView Mesh
- Companion Single and 3 Section Sliders



Block & Tackle Balances
(4100 Series)



Exclusive 4100 Series Options



Access Lock



Factory-Applied WOCD

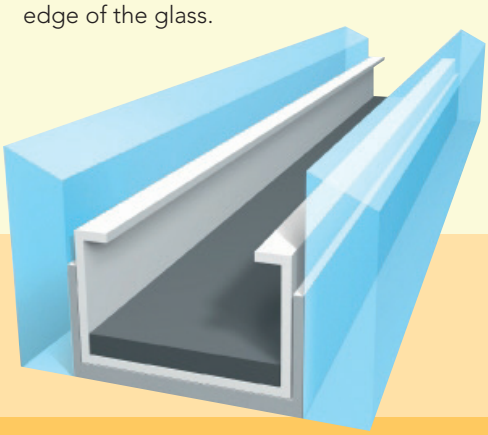
Performance Driven by IntelliGlass

Your windows do more than provide a view—they play an important role in your home's comfort, energy efficiency, and overall performance. From ENERGY STAR® certified options and NFRC-rated performance to advanced spacer systems and Argon gas fill, each component works together to help reduce heat transfer and improve insulation.

Choose from a variety of glass options to meet your needs, including triple-pane glass for enhanced energy efficiency and comfort, or double-strength glass for added durability. With performance-tested construction and advanced glass technology, you can customize your windows with the features that matter most to your home.

Intercept Spacer

Intercept spacer system helps improve the insulating performance of the window. It also helps reduce heat transfer around the edge of the glass.



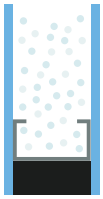
- **Improved Energy Efficiency**
- **Enhanced Durability**
- **Great Gas Retention**
- **Condensation Resistance**

Intercept Spacers feature a strong, one-piece U-channel design, that creates an effective thermal barrier. This innovative design reduces heat loss and retains insulating gas more effectively than many conventional spacers.



Climate Specific Low-E

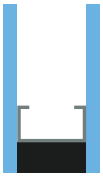
Low-E glass features a thin, virtually invisible coating that helps reflect heat while allowing light to enter your home. This technology helps improve energy efficiency and comfort all year round.



Argon Gas Fill

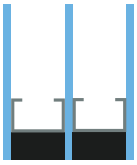
Argon gas is placed between the panes of glass to improve insulation. This helps reduce heat transfer and enhance overall energy performance.

Optional Enhancements



Double Strength Glass

Double-strength glass provides added durability and strength. It offers increased resistance for long-lasting performance and peace of mind.



Triple-Pane Glass

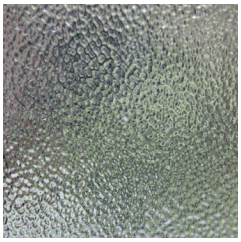
Three panes of glass provide an additional layer of insulation and enhanced energy efficiency. It can also help improve indoor comfort and reduce outside noise.

Other Enhancement Options

Tempered



Obscure



Tinted





Inspire 4100 Series | Clay Slider & Picture Windows
A cohesive combination of Clay Single Slider, 3-Lite Slider, and Picture windows featuring classic Valance grids. The warm Clay finish and coordinated grid pattern add understated character and a refined, traditional look.

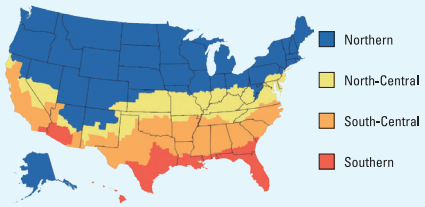
IntelliGlass Packages

Low-E glass has multiple specialized coatings that filter, block, and reflect energy. Vinylmax uses four types of Low-E coatings to provide the right balance of insulation and solar control, block harmful UV rays, and let in natural light.

IntelliGlass combines Low-E glass, Warm Edge spacers, and Argon gas to efficiently manage solar, light, UV, and heat energy. Since modern windows are over 80% glass, choosing the right IntelliGlass package for your home's climate helps keep your home comfortable and maximizes energy efficiency year-round.

Vinylmax offers glass packages designed to meet ENERGY STAR® requirements in every climate zone. From cold northern winters to hot southern summers, our energy-efficient glass options help provide the right level of comfort and performance for your home.

ENERGY STAR® for Windows
CLIMATE ZONE MAP



HOME COMFORT INDEX

INSULATION (U-VALUE)

MODERATE			SUPERIOR		EXCEPTIONAL	
.30	.28	.26	.24	.22	.20	.18
.50	.45	.40	.35	.30	.25	.20
SOLAR ENHANCING			MODERATE		SOLAR BLOCKING	

SOLAR HEAT GAIN COEFFICIENT

Every home has different energy needs, and Vinylmax offers an IntelliGlass package to match your home. Use the Home Comfort Index to find the ideal combination of insulation and solar control for your climate.

Dual Pane

- IntelliGlass
- IntelliGlass X — SOUTH CENTRAL & SOUTHERN
- IntelliGlass C — NORTH CENTRAL, SOUTH CENTRAL & SOUTHERN
- IntelliGlass N — NORTHERN

Triple Pane

- IntelliGlass X³ — NORTH CENTRAL, SOUTH CENTRAL & SOUTHERN
- IntelliGlass + — ALL CLIMATES

Most Efficient 2026

Vinylmax offers a range of IntelliGlass packages, each engineered to meet ENERGY STAR® requirements for specific climate zones. For the highest level of performance, IntelliGlass Plus meets ENERGY STAR® Most Efficient criteria in all climate zones.

THE INSPIRE PATIO DOOR

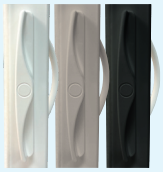
Standard Features

- Multi-Chambered 4-7/8" Fusion Welded Frame
- Full Interlock
- Tandem Self-Leveling Rollers
- Impact Resistant Threshold
- Rolling Screen Door

Optional Features

- Keyed Lock
- Heavy Duty Screen Door
- Two Position Toe Lock

Hardware Color Matched To Door



Exterior



Interior



Toe Lock



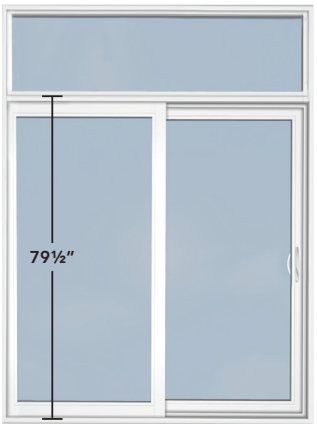
Keyed Lock
Optional



Inspire Patio Door & Complementary Casement Windows
A coordinated combination of white casement windows with Prairie grids and a 2-panel sliding patio door creates a bright, cohesive look. Clean lines and expansive glass bring natural light and an open feel to the space.



NOMINAL SIZE	PANELS	DOOR SIZE
5068	2	59-1/2" x 79-1/2"
6068	2	71-1/2" x 79-1/2"
8068	2	95-1/2" x 79-1/2"



2 Panel
with Integral Transom

NOMINAL SIZE	PANELS	DOOR WIDTH
5068	2	59-1/2"
6068	2	71-1/2"
8068	2	95-1/2"

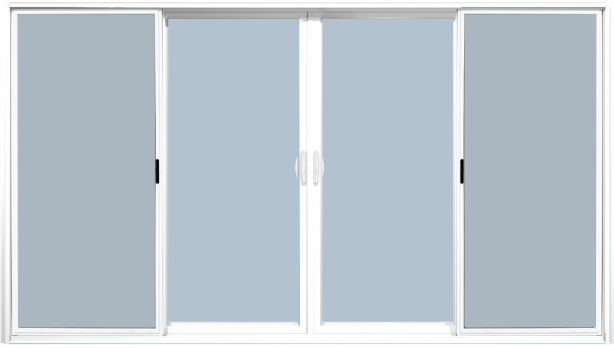
Custom Heights from 90-1/2" - 103-1/2"



3 Panel

NOMINAL SIZE	PANELS	DOOR SIZE
9068	3	106-1/8" x 79-1/2"

Bring the outdoors in with the 4 panel patio door from the Inspire Collection. Its expansive design delivers more natural light, smooth operation, and lasting performance.



4 Panel

NOMINAL SIZE	PANELS	DOOR SIZE
12068	4	140-1/8" x 79-1/2"

Prestige New Construction Casements & Awnings

Designed to complement the Inspire Collection, casement and awning windows add versatility and visual consistency to your home. Their sleek, streamlined design pairs beautifully with Inspire windows, while their outward-opening operation provides excellent ventilation and expansive views.

Product Features

- 2-7/8" Frame with Beveled Exterior
- 1-3/4" Nail Fin with 1" Setback
- Foam-Filled Compression Gasket
- Roto X-Drive Heavy Duty Operating Hardware
- Nesting Fold Down Crank Handle
- Multi-Point Locking System
- Extruded Aluminum Screen Frame
- Single And Multi-Lite Configurations



Inspire Collection | 4200 Double-Hung Windows & 4-Panel Patio Door
Clay Inspire 4200 Double-Hung windows and a 4-panel Sliding Patio Door create a bold, coordinated exterior. Valance grids add distinctive character while complementing the clay finish.

Colors

Vinyl Color

White



Clay



TrueCore™ Black (4200 Series)

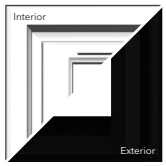
Black on Black Vinyl





Laminated Exterior

Black on White Vinyl





Hardware is color matched to the interior color of the window.

Painted Exterior Finishes

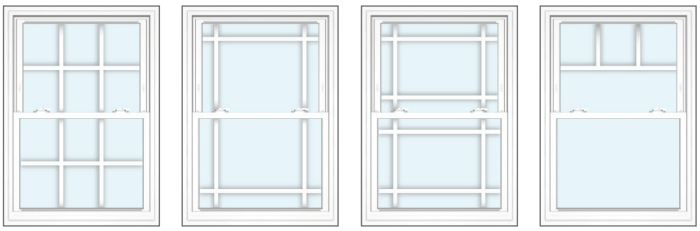
White | Black | Graphite | Sterling | Forest | Bronze | Royal Brown | Terra | Pebble | Tan | Cream



Colors shown in printed materials may vary from actual product colors. Please refer to a physical sample for the most accurate color representation.

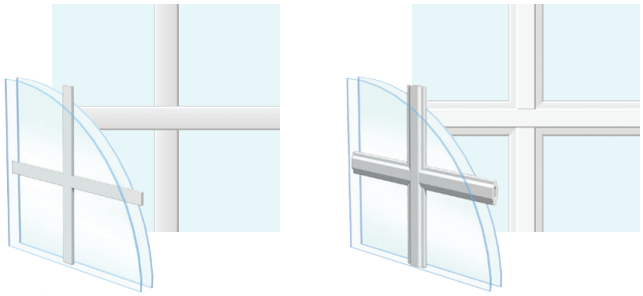
Grids

Patterns



Colonial | Perimeter | Prairie | Valance

Profiles



Flat
(White & Clay Only)
5/8"

Georgian
(Color Matched, Interior/Exterior)
3/4"

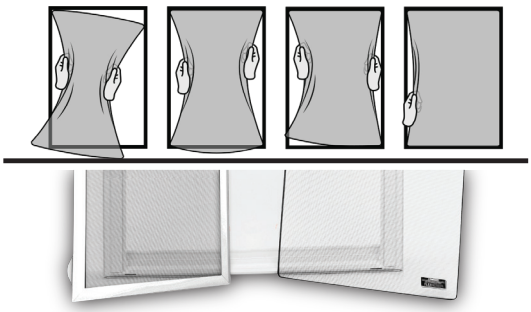
Screen

A PROUD MANUFACTURER OF

FLEXSCREEN®

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

THE WORLD'S FIRST AND ONLY FLEXIBLE WINDOW SCREEN



TRADITIONAL WINDOW SCREENS	FLEXSCREEN®
• Bend and damage easily	✓ Nearly indestructible
• Impede your view	✓ Full view
• Frustrating installation & removal	✓ No hardware
• Flimsy mesh that easily rips & tears	✓ Effortless installation & removal
• High cost of ownership	✓ Cost-effective

AS SEEN ON SHARK TANK™

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Inspire 4200 Series | Mulled Double-Hung Windows & Shapes
A classic brick exterior featuring mulled Inspire 4200 Double-Hung windows with complementary specialty shapes mulled above. The layered configuration adds architectural interest and a distinctive, custom look.

Custom Configurations

Our windows are available in a variety of custom configurations to create a look that fits your home. Combine different window styles, sizes, shapes, and mulled configurations to add visual interest, enhance architectural details, and maximize natural light. From simple combinations to unique specialty designs, custom configurations give you the flexibility to create a distinctive look that complements your home.

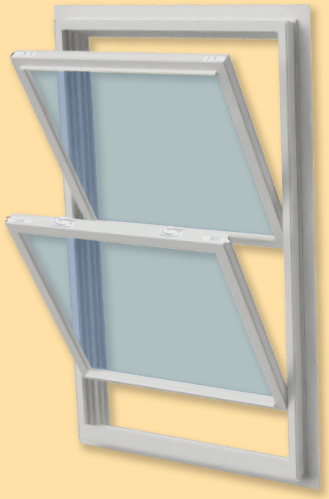
Picture Window
Mulled Over
A Single-Hung

Picture Window
Mulled Between
Two Double-Hungs

Half Round Shape
Mulled Over Two
Mulled Double-Hungs

Geometric Shape
Mulled Over
a Picture Window

THE INSPIRE 4200 SERIES



4200 Series

PRODUCT RATING:

R-PG50 (Double Strength Glass)
R-PG45 (Single Strength Glass)

AIR INFILTRATION: .12
150% better than FGIA standard

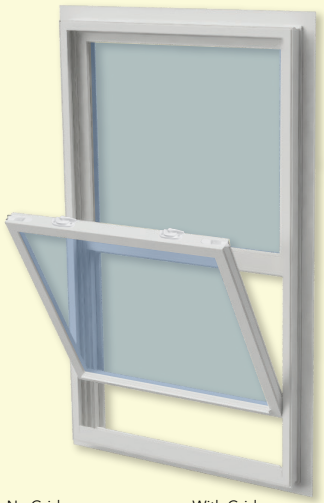
WATER RESISTANCE (PSF): 7.5

4200 Double Hung		No Grids U Value	No Grids ENERGY STAR 7.0	No Grids SHGC	No Grids VLT	With Grids U Value	With Grids ENERGY STAR 7.0	With Grids SHGC	With Grids VLT
IntelliGlass Low E / Argon	SS	.29		.29	.54	.29		.26	.48
	DS	.29		.28	.53	.29		.26	.47
IntelliGlass X Low E / Argon	SS	.28	SC S	.21	.50	.28	SC S	.19	.44
	DS	.28	SC S	.21	.49	.28	SC S	.19	.44
IntelliGlass N Low E / Argon	SS	.25	N	.48	.57	.25	N	.43	.51
	DS	.25	N	.46	.54	.25	N	.42	.49
IntelliGlass C Low E / Argon	SS	.24	NC SC S	.20	.46	.24	NC SC S	.18	.41
	DS	.24	NC SC S	.20	.45	.24	NC SC S	.18	.40
IntelliGlass X3 Triple Pane Low E / Argon	SS	.24	NC SC S	.20	.46	.25	NC SC S	.18	.41
	DS	.25	NC SC S	.20	.45	.25	NC SC S	.18	.40
IntelliGlass Plus Triple Pane Low E / Argon	SS	.20	N NC	.24	.42	.20	N NC SC S	.22	.37
	DS	.21	N NC	.24	.41	.21	N NC SC S	.22	.37

4250 Slider		No Grids U Value	No Grids ENERGY STAR 7.0	No Grids SHGC	No Grids VLT	With Grids U Value	With Grids ENERGY STAR 7.0	With Grids SHGC	With Grids VLT
IntelliGlass Low E / Argon	SS	.29		.29	.55	.29		.26	.49
	DS	.29		.29	.54	.29		.26	.48
IntelliGlass X Low E / Argon	SS	.28	SC S	.21	.51	.28	SC S	.19	.45
	DS	.28	SC S	.21	.50	.28	SC S	.19	.45
IntelliGlass N Low E / Argon	SS	.25	N	.49	.58	.25	N	.44	.52
	DS	.25	N	.47	.56	.25	N	.42	.50
IntelliGlass C Low E / Argon	SS	.24	NC SC S	.21	.47	.24	NC SC S	.19	.42
	DS	.24	NC SC S	.20	.45	.24	NC SC S	.18	.40
IntelliGlass X3 Triple Pane Low E / Argon	SS	.24	NC SC S	.20	.47	.24	NC SC S	.18	.42
	DS	.25	NC SC S	.20	.46	.25	NC SC S	.18	.41
IntelliGlass Plus Triple Pane Low E / Argon	SS	.20	N NC	.25	.43	.20	N NC SC S	.22	.38
	DS	.21	N NC	.25	.42	.21	N NC SC S	.22	.38

4270 - Fixed Picture		No Grids U Value	No Grids ENERGY STAR 7.0	No Grids SHGC	No Grids VLT	With Grids U Value	With Grids ENERGY STAR 7.0	With Grids SHGC	With Grids VLT
IntelliGlass Low E / Argon	SS	.28		.31	.58	.28		.28	.51
	DS	.27		.30	.57	.27		.27	.51
IntelliGlass X Low E / Argon	SS	.27	SC S	.23	.53	.27	SC S	.21	.48
	DS	.27	SC S	.23	.53	.27	SC S	.21	.47
IntelliGlass N Low E / Argon	SS	.24	N	.51	.61	.24	N	.46	.54
	DS	.24	N	.49	.58	.24	N	.45	.52
IntelliGlass C Low E / Argon	SS	.23	NC SC S	.22	.50	.23	NC SC S	.20	.44
	DS	.23	NC SC S	.21	.48	.23	NC SC S	.19	.43
IntelliGlass X3 Triple Pane Low E / Argon	SS	.23	NC SC S	.21	.49	.23	NC SC S	.19	.44
	DS	.23	NC SC S	.21	.48	.24	NC SC S	.19	.43
IntelliGlass Plus Triple Pane Low E / Argon	SS	.18	N NC	.26	.45	.19	N NC	.24	.40
	DS	.19	N NC	.26	.44	.20	N NC SC S	.23	.40

THE INSPIRE 4100 SERIES



4100 Series

PRODUCT RATING:

R-PG50

AIR INFILTRATION: .19
58% better than FGIA standard

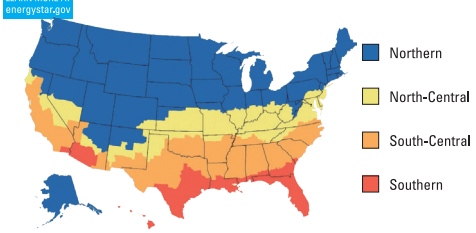
WATER RESISTANCE (PSF): 7.5

4100 Single Hung		No Grids U Value	No Grids ENERGY STAR 7.0	No Grids SHGC	No Grids VLT	With Grids U Value	With Grids ENERGY STAR 7.0	With Grids SHGC	With Grids VLT
IntelliGlass Low E / Argon	SS	.29		.29	.55	.29		.26	.49
	DS	.29		.29	.54	.29		.26	.48
IntelliGlass X Low E / Argon	SS	.29	S	.21	.51	.29	S	.19	.45
	DS	.29	S	.21	.50	.29	S	.19	.45
IntelliGlass N Low E / Argon	SS	.26	N	.49	.58	.26	N	.44	.51
	DS	.26	N	.47	.55	.26	N	.42	.49
IntelliGlass C Low E / Argon	SS	.25	NC SC S	.21	.47	.25	NC SC S	.19	.42
	DS	.25	NC SC S	.20	.45	.25	NC SC S	.18	.40
IntelliGlass X3 Triple Pane Low E / Argon	SS	.24	NC SC S	.20	.47	.25	NC SC S	.18	.41
	DS	.25	NC SC S	.20	.46	.26	SC S	.18	.41
IntelliGlass Plus Triple Pane Low E / Argon	SS	.20	N NC	.25	.43	.20	N NC SC S	.22	.38
	DS	.21	N NC	.25	.42	.21	N NC SC S	.22	.38

4150 Slider		No Grids U Value	No Grids ENERGY STAR 7.0	No Grids SHGC	No Grids VLT	With Grids U Value	With Grids ENERGY STAR 7.0	With Grids SHGC	With Grids VLT
IntelliGlass Low E / Argon	SS	.29		.29	.55	.29		.26	.49
	DS	.29		.29	.54	.29		.26	.48
IntelliGlass X Low E / Argon	SS	.29	S	.21	.51	.29	S	.19	.45
	DS	.29	S	.21	.50	.29	S	.19	.45
IntelliGlass N Low E / Argon	SS	.26	N	.49	.58	.26	N	.44	.51
	DS	.26	N	.47	.55	.26	N	.42	.49
IntelliGlass C Low E / Argon	SS	.25	NC SC S	.20	.47	.25	NC SC S	.19	.42
	DS	.25	NC SC S	.20	.45	.25	NC SC S	.18	.40
IntelliGlass X3 Triple Pane Low E / Argon	SS	.24	NC SC S	.20	.47	.25	NC SC S	.18	.41
	DS	.25	NC SC S	.20	.46	.26	SC S	.18	.41
IntelliGlass Plus Triple Pane Low E / Argon	SS	.20	N NC	.25	.43	.20	N NC SC S	.22	.38
	DS	.21	N NC	.25	.42	.21	N NC SC S	.22	.38

4170 - Fixed Picture		No Grids U Value	No Grids ENERGY STAR 7.0	No Grids SHGC	No Grids VLT	With Grids U Value	With Grids ENERGY STAR 7.0	With Grids SHGC	With Grids VLT
IntelliGlass Low E / Argon	SS	.28		.31	.58	.28		.28	.51
	DS	.27		.30	.57	.27		.27	.51
IntelliGlass X Low E / Argon	SS	.27	SC S	.23	.53	.27	SC S	.21	.48
	DS	.27	SC S	.23	.53	.27	SC S	.21	.47
IntelliGlass N Low E / Argon	SS	.24	N	.51	.61	.24	N	.46	.54
	DS	.24	N	.49	.58	.24	N	.45	.52
IntelliGlass C Low E / Argon	SS	.23	NC SC S	.22	.50	.23	NC SC S	.20	.44
	DS	.23	NC SC S	.21	.48	.23	NC SC S	.19	.43
IntelliGlass X3 Triple Pane Low E / Argon	SS	.23	NC SC S	.21	.49	.23	NC SC S	.19	.44
	DS	.23	NC SC S	.21	.48	.24	NC SC S	.19	.43
IntelliGlass Plus Triple Pane Low E / Argon	SS	.18	N NC	.26	.45	.19	N NC	.24	.40
	DS	.19	N NC	.26	.44	.20	N NC SC S	.23	.40

ENERGY STAR® for Windows
CLIMATE ZONE MAP



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ENERGY STAR®

As an ENERGY STAR® partner, Vinylmax Windows is committed to creating high-performance, energy-efficient windows and doors designed to meet rigorous energy-efficiency standards. Choosing ENERGY STAR® products can help keep your home comfortable year-round, lower energy costs, and reduce your environmental impact.

THE INSPIRE COLLECTION



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.

- **Quality**
- **Family Owned**
- **Performance**
- **Made in USA**
- **Lifetime Warranty**

PASSION FOR HOMES AND FAMILIES

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