

REPLACEMENT WINDOWS TO ENHANCE YOUR HOME INVESTMENT



THE

*Glendale*

COLLECTION





## TABLE OF CONTENTS

Double Hung Windows.....	4	IntelliGlass High Performance Glazing Options.....	14
Sliding Windows.....	6	ENERGY STAR and Thermal Performance Data.....	15
Fixed Picture Windows.....	7	UltraVue Excellent Visibility Screen.....	16
Casement & Awning Windows.....	8	Decorative Options & Enhancements.....	16
Bay & Bow Windows.....	10	Warranty.....	18
Patio Doors.....	12	Product Certifications.....	19



Whether looking to replace your old windows, add a new space to your home, or remodel your favorite room, the Glendale Collection of replacement windows offers many choices and options to perfect your vision. Thank you for taking the time to understand the thoughtful design and modern technology found in the Glendale Collection.

Get ready to enhance your home.





When its time to clean, the multi-function lock allows the sashes to release for easy access to both sides of the glass.

## DOUBLE HUNG WINDOWS

Glendale Collection double hungs do double duty, combining lasting beauty with reliable performance. With modern technology, like the multi-function tilt lock and satin smooth balance system *and* custom decorative options, like six designer hardware finishes, any room can be enhanced.

Classic styling doesn't necessarily mean stuffy. Whether preserving the historical feel of a victorian home or maintaining the funky vibe of an urban loft, Glendale Collection double hung windows complement every architectural style.

## Glendale Collection double hung windows are rich with features that enhance your home with beauty and convenience.

Multi-chambered vinyl frame and sashes are energy-efficient and maintenance-free

Multi-point fusion welding technology ensures corner integrity and strength

Decorative coving and detailing add distinctive beauty, inside and out

Even glass sightline design mimics traditional window styling

Integral ergonomic sash lift handles allow fingertip opening and closing of window

Multiple rows of weatherstripping on frames and sashes reduce air, dust and water penetration

Dual feature sill is sloped for effective water management and pocketed to resist infiltration

Directional weep system channels water away from home's interior

Compression bulb on bottom sash conforms to sill for watertight seal

Recessed tilt-locks both securely lock window closed, and activate hidden mechanism to release sashes for easy cleaning of both glass surfaces from inside the home

Certified "forced-entry resistant" double night locks limit sash travel for secure ventilation

Adjustment-free stainless steel constant force balances in self-lubricating holder allow whisper-quiet sash operation

Triple-weatherstripped overlap interlock protects against moisture and air

IntelliGlass high-performance insulating glass is available in several double and triple pane configurations to meet individual energy saving needs

Extruded aluminum screen with UltraVue Excellent Visibility screen mesh allows better airflow and insect protection while showcasing a 20% clearer view



Low profile locking hardware serves a dual function. The cam action lock secures the window closed and the hidden "clean" mechanism releases the sash for tilt-in cleaning.



AAMA certified secondary vent locks securely limit how far the sash will open, allowing for worry-free ventilation.







## SLIDING WINDOWS

Glendale Collection sliding windows are streamlined and stylish at the same time. Two and three lite models feature a horizontal design and an effortless gliding action to provide the form and function that complements other Glendale Collection windows.

Simplicity doesn't necessarily reduce functionality. Whether fitting in a tight space or showcasing a fantastic view, Glendale Collection sliding windows complete a room.





## Glendale Collection fixed picture windows transform ordinary to extraordinary, adding personality to your home.

Multi-chambered vinyl frame is energy-efficient and maintenance-free

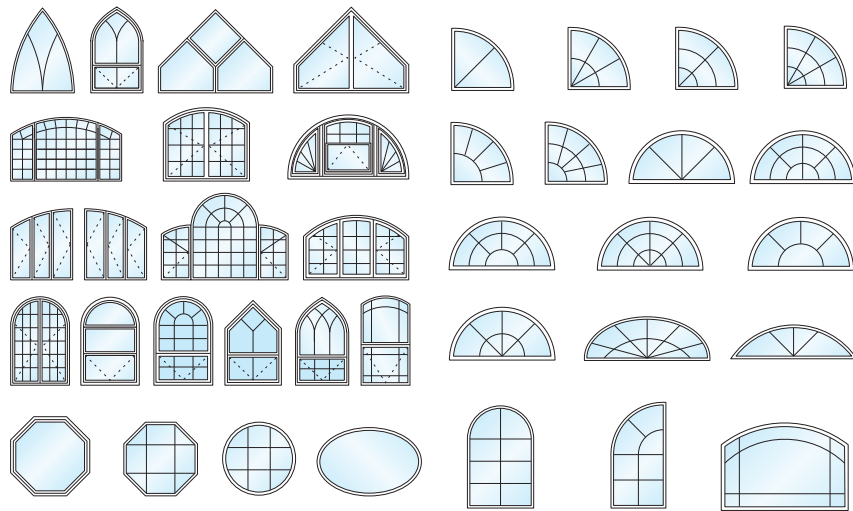
Multi-point fusion welding technology ensures corner integrity and strength

Decorative coving adds distinctive beauty to exterior

Weep system delivers effective water management

IntelliGlass high-performance insulating glass is available in several double and triple pane configurations to meet individual energy saving needs

Variety of shapes available



## Glendale Collection sliding windows are versatile enough to enhance contemporary and traditional spaces.

Multi-chambered vinyl frame and sashes

Tandem brass rollers facilitate smooth sash movement

Multi-point fusion welding technology

Multiple rows of weatherstripping on frames and sashes

Decorative coving and detailing

Integral ergonomic sash pull handles

Overlap interlock protects against moisture and air

Recessed cam locks securely lock window closed

IntelliGlass high-performance glass

Ventilation latch limits sash travel

Full screen with UltraVue mesh





This quiet yet contemporary nook is bathed in daylight as two-lite awnings maximize the viewing area.

## CASEMENT & AWNING WINDOWS

Glendale Collection casement and awning windows provide the easiest way to give a room real impact. With so many styles and configurations to choose from, just a touch of inspiration can elevate a simple wall to something simply amazing.

A powerful statement doesn't necessarily have to be loud. Sometimes enhancing a cozily private nook speaks volumes about your home.



## Glendale Collection casement and awning windows are rich with features that enhance your home with beauty and convenience.

Fusion welded frame and sash corners are secure, weathertight and never pull apart

Multi-chambered vinyl is energy-efficient, maintenance-free and lasts a lifetime

IntelliGlass high-performance insulating glass is available in several double and triple pane configurations to meet individual energy saving needs

Double compression seals create a water and weather-tight seal around the entire opening

Maximum strength operating hardware effortlessly handles the weight of even the tallest sashes with smooth, quiet operation

Crank handle subtly nests into the operator housing to prevent interference with window treatments

Sashes open a full 90° for both maximum ventilation and for cleaning both sides of the glass from inside the home

Multi-point locking system secures the sash tightly into the frame in several locking locations with a single lever

Color-matched screen features a sturdy aluminum frame and UltraVue screen mesh

Available styles: one, two and three lite casements, one and two lite awnings, fixed lites



The suite of operating hardware on Glendale Collection casement and awning windows is designed to endure time and the elements. The multi-point lock handle, corrosion-resistant operator and the sleek fold down crank handle are all covered by our Lifetime Warranty.







## BAY & BOW WINDOWS

Glendale Collection bay and bow windows add space and drama to your home. With solid wood structure and options for custom interiors and lighting, these showstoppers are almost like a room addition!

Your home may not be a grand estate, but it doesn't necessarily know that. Why settle for the ordinary? Treat your home (and yourself) to a Glendale Collection bay or bow window.





## Glendale Collection bay and bow windows feature handcrafted construction that showcases a lovely panorama.

Custom designed and manufactured to fit your home

Color-matched, weatherproof PVC exterior

Double hung, casement or fixed windows

Hand-selected 1-1/4" furniture-grade birch or oak

Solid Timberstrand mullion construction

Veneer-banded edges

6" threaded lag-bolt construction

Eyebolt anchors and concealed cable support system

Optional Features

Superior R9 insulated seat

Ultimate R21 insulated seat

Pre-finished external knee braces

Laminated or Corian interior

Pre-stained interior

Low voltage recessed lighting

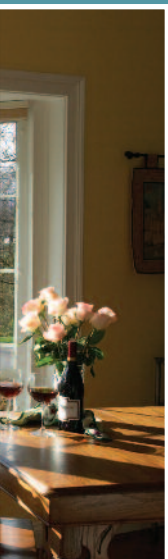
3-1/2" colonial casing

Available Configurations: 30° bay, 45° bay, box bay, Bay flanker sizes 17", 21" or 28", 3 lite bow, 4 lite bow, 5 lite bow, garden window

Roof Options: hip-style or concave, shingle, painted metal, copper clad, copper patina



Concealed turn buckle cable support system ties back to the home for a secure, level window.







The path from your indoor to your outdoor living space can be a busy one! Smooth rollers and a heavy duty screen keep traffic flowing.

## PATIO DOORS

High Pointe high performance sliding vinyl patio doors are designed with you and your family's active lifestyle in mind. You can rest easy that your new door will operate smoothly and securely year after year.

Rugged durability doesn't necessarily mean clunky. With sleek styling and modern designer features, this Glendale Collection door performs on every level.



**The Glendale Collection features High Pointe high performance vinyl sliding patio doors.**



- Maintenance-free vinyl
- Fusion-welded head and panels
- 6" Frame depth
- Custom designed sloped sill with high sill dam
- 12 gauge steel reinforced vertical rails
- Invisible panel retainer system
- Stainless steel hardware package
- Self-leveling sealed ball bearing roller system
- Die cast weather-resistant handle set in designer finishes
- Mortised multi-point lock with key
- Anti-slam mechanism prevents hardware damage
- Available multi-position secondary toe lock
- DP50 structural rating
- Heavy duty screen door with UltraVue mesh
- Matching sidelights, transoms and shapes available



**HARDWARE HIGHLIGHTS**



**Sturdy Keyed Handle Set** features an integral keyed lock for your convenience. This die-cast zinc handle is finished with either a powder coat finish or a designer finish. Special protectants prevent the handles from scratching and corroding, even in harsh weather.

**Mortised Multi-Point Lock** is tamper-proof and has an anti-slam device that prevents the locking hooks from engaging when the door is open.



**Stainless Steel, Sealed Ball Bearing Roller System** is adjustable for flawless operation. These self-leveling tandem rollers require 30% less operating force than standard roller systems. This whisper-quiet system never needs cleaning or lubrication.



**Optional Secondary Toe Lock** provides additional security when engaged. This lock can be installed as a secondary security lock to lock the door in the fully closed position, or as a vent lock, to allow the door to be locked partially open for fresh air flow.



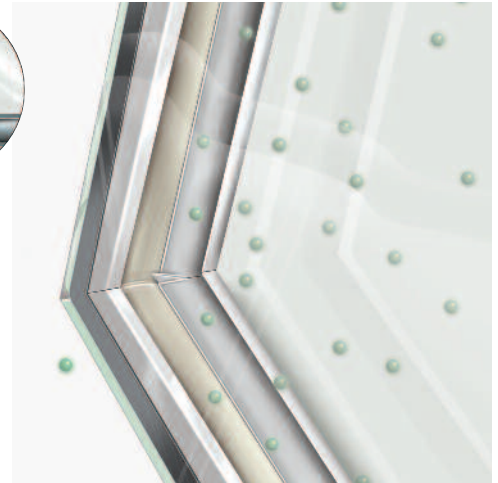
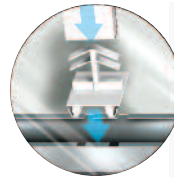


The Glendale Collection of windows work hard to keep your home comfortable every day. In every climate. Day and night. Even when no one is looking. The key to optimal energy management is IntelliGlass high-performance glass. Here's how IntelliGlass creates an advantage for your home.



Intercept spacer system features patented technology that has protected the energy performance of windows in millions of homes.

- Steel structure is durable and strong
- U channel construction allows spacer to flex with temperature change
- Warm edge sealant lowers energy bills
- One piece construction prevents seal failures
- Grid locking system keeps grids straight and secure



Climate-specific soft-coat solar control Low E glass from Guardian manages energy flow, keeping your home very comfortable and efficient. It's multi-layer coating is the key.

Two microscopic layers of silver reflect heat back to its source  
Titanium dioxide layer protects the silver so it performs for a lifetime  
Your home is cooler in the summer, as solar heat is reflected away  
Your home is warmer in the winter, as furnace heat reflects back into the home

Convection is a term that refers to energy "moving around" between the panes of glass. This movement allows heat and cold to transfer through the window more easily. To combat this, we fill the airspaces with a dense inert gas, reducing convection.

Argon gas is 37% denser than air. It adds insulating value to both double and triple pane glass units  
Krypton gas is 240% denser than air. This premium insulator acts like a blanket in triple pane units, for the ultimate in energy performance.

## WHICH INTELLIGLASS PACKAGE IS BEST FOR YOU?

Glass Option	Low E type	# of panes	gas fill type	rating
IntelliGlass	all purpose	2	argon	superior
IntelliGlass X	solar control	2	argon	superior
IntelliGlass Plus	all purpose	3	argon	premium
IntelliGlass Supreme	all purpose	3	krypton	ultimate

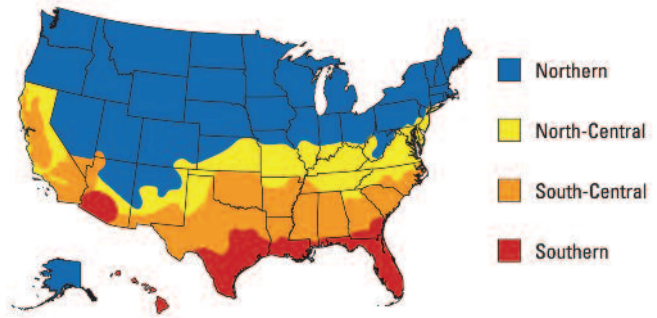


## Save with ENERGY STAR qualified windows and doors, like The Glendale Collection.

Windows can account for almost one quarter of household energy use. Since most homeowners replace their windows only once in a lifetime, choosing ENERGY STAR qualified products is more important than ever.

Installing the Glendale Collection ENERGY STAR qualified windows and doors shrinks energy bills and carbon footprints by 7-24% compared to non-qualified products.

Glendale Collection windows and doors are available with various IntelliGlass options designed to meet ARRA Tax Credit requirements and ENERGY STAR qualifications for each climate zone in the USA



### THERMAL PERFORMANCE DATA

Glendale Double Hung	U-Factor	Solar Heat Gain Coefficient	Visible Light Transmittance	Energy Star Zones	Tax Credit?
IntelliGlass	.30	.29	53%	<b>N</b> <b>NC</b> <b>SC</b>	✓
IntelliGlass X	.30	.24	47%	<b>N</b> <b>NC</b> <b>SC</b> <b>C</b>	✓
IntelliGlass Plus	.22	.26	42%	<b>N</b> <b>NC</b> <b>SC</b> <b>C</b>	✓
IntelliGlass Supreme	.19	.26	42%	<b>N</b> <b>NC</b> <b>SC</b> <b>C</b>	✓
Glendale Slider	U-Factor	Solar Heat Gain Coefficient	Visible Light Transmittance	Energy Star Zones	Tax Credit?
IntelliGlass	.30	.29	52%	<b>N</b> <b>NC</b> <b>SC</b>	✓
IntelliGlass X	.30	.23	46%	<b>N</b> <b>NC</b> <b>SC</b> <b>C</b>	✓
IntelliGlass Plus	.23	.25	41%	<b>N</b> <b>NC</b> <b>SC</b> <b>C</b>	✓
IntelliGlass Supreme	.20	.25	41%	<b>N</b> <b>NC</b> <b>SC</b> <b>C</b>	✓
Glendale Picture Window	U-Factor	Solar Heat Gain Coefficient	Visible Light Transmittance	Energy Star Zones	Tax Credit?
IntelliGlass	.28	.32	59%	<b>N</b> <b>NC</b> <b>SC</b>	
IntelliGlass X	.28	.26	57%	<b>N</b> <b>NC</b> <b>SC</b> <b>C</b>	✓
IntelliGlass Plus	.21	.28	46%	<b>N</b> <b>NC</b> <b>SC</b> <b>C</b>	✓
IntelliGlass Supreme	.17	.28	46%	<b>N</b> <b>NC</b> <b>SC</b> <b>C</b>	✓
Casement / Awning	U-Factor	Solar Heat Gain Coefficient	Visible Light Transmittance	Energy Star Zones	Tax Credit?
IntelliGlass	.28	.26	46%	<b>N</b> <b>NC</b> <b>SC</b> <b>C</b>	✓
IntelliGlass X	.28	.21	41%	<b>N</b> <b>NC</b> <b>SC</b> <b>C</b>	✓
IntelliGlass Plus	.21	.23	37%	<b>N</b> <b>NC</b> <b>SC</b> <b>C</b>	✓
IntelliGlass Supreme	.19	.23	37%	<b>N</b> <b>NC</b> <b>SC</b> <b>C</b>	✓
High Pointe Patio Door	U-Factor	Solar Heat Gain Coefficient	Visible Light Transmittance	Energy Star Zones	Tax Credit?
IntelliGlass	.29	.30	57%	<b>N</b> <b>NC</b> <b>SC</b> <b>C</b>	✓
IntelliGlass Plus	.22	.26	44%	<b>N</b> <b>NC</b> <b>SC</b> <b>C</b>	✓
IntelliGlass Supreme	.18	.26	44%	<b>N</b> <b>NC</b> <b>SC</b> <b>C</b>	✓





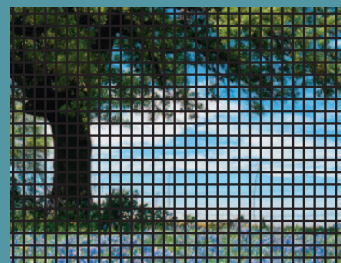


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**ULTRAVUE™**

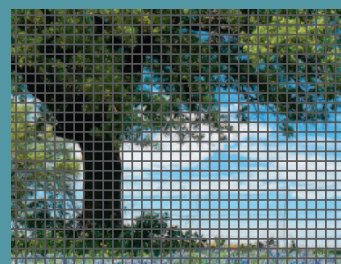
EXCELLENT VISIBILITY INSECT SCREEN

UltraVue® Excellent Visibility Insect Screen is designed for premium performance.

- ... 25% better airflow, allowing light, fresh breezes to flow through
- ... 25% more optical clarity for a crisper, brighter view
- Ideal for windows where the focus is on the view
- GREENGUARD certified for Indoor Air Quality
- ... Infused with Microban antimicrobial product protection to inhibit the growth of bacteria and keep screens looking cleaner for longer



Standard Mesh

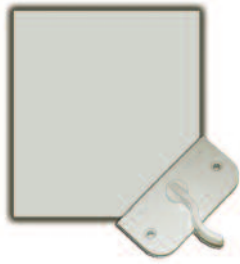


UltraVue® Mesh

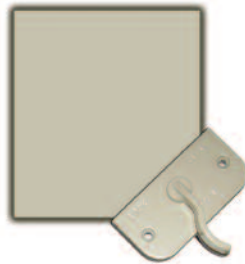


By choosing individual decorative styles for each window, you create an impressive ambiance throughout your home.

## VINYL COLORS



White Interior/Exterior  
White Hardware



Tan Interior/Exterior  
Tan Hardware

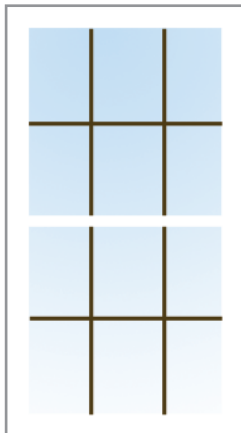


Scandinavian Maple Interior  
White Exterior  
Clay Hardware

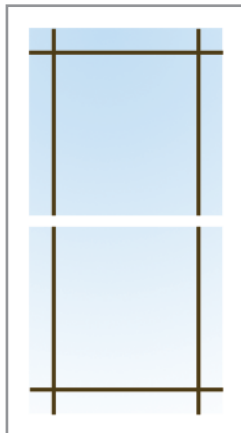


Brazilian Cherry Interior  
White Exterior  
Oil Rubbed Bronze Hardware

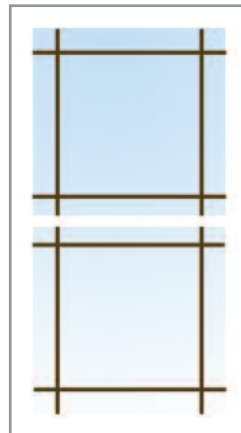
## CUSTOM GRIDS



Colonial Grids



Prairie 6 Lite Grids



Prairie 9 Lite Grids



Georgian sculptured grids are color-matched inside and out.  
Shown: White, Tan, Scandinavian Maple, Brazilian Cherry

## DESIGNER ELEMENTS

Selected to complement the latest design trends, these upgrades showcase style and flair.



Antique Brass Hardware



Polished Brass Hardware



Satin Nickel Hardware



Oil Rubbed Bronze Hardware

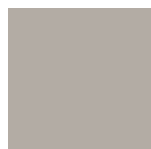


Subtle Pencil grids  
Shown: Brass, Pewter

A specialized coating with excellent abrasion and impact resistance is available in seven exterior colors.



Tan



Clay



Cocoa



Terra



Bronze



Forest



Brick

Color swatches represented as accurately as printing technology allows. Please see actual color samples for matching purposes.







## LIFETIME WARRANTY

Many windows carry a "lifetime" warranty, but the Glendale Collection is backed by one of the strongest window warranties available. Limited Lifetime\* Warranty highlights include:

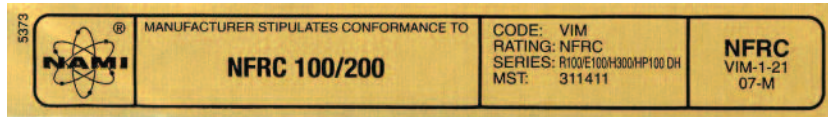
- Vinyl - warranted against warping, chipping, cracking, blistering, rotting
- Glass - warranted against seal failure, visual obstruction, spontaneous breakage AND accidental breakage
- Screen - frame warranted against cracking or breaking, cloth warranted against rotting or staining
- Parts & Hardware - warranted against cracking, breaking or failing during normal use

We want you to love your windows for as long as you are living in your home. In fact, we want the next homeowner to love them, too, so the warranty is transferrable.

\*Limitations apply.



The Glendale Collection meets rigorous performance standards. But, don't just take our word for it.



The National Accreditation and Management Institute (NAMI) is an independent agency which provides third party certification and inspection services to the window and door industry. This permanent gold label provides confidence that the products you choose, when installed properly, match the quality of the sample product tested according to the requirements set forth in American Architectural Manufacturing Association (AAMA) standards. Products must meet and maintain compliance to these standards.



The National Fenestration Rating Council sets uniform standards for windows and doors so that energy performance can be measured and compared. Every window in the Glendale Collection is NFRC certified and labeled. For more information, visit [www.nfrc.org](http://www.nfrc.org)



ENERGY STAR is a joint program of the Environmental Protection Agency and the Department of Energy. It helps us all save money and protect the environment through energy efficient products without sacrificing features, style or comfort. Look for windows that have earned the ENERGY STAR. They meet strict energy efficiency guidelines. For more information, visit [www.energystar.gov](http://www.energystar.gov)



The American Architectural Manufacturer Association (AAMA) is a primary source for industry performance standards. AAMA brings together window, door, skylight, curtain wall and storefront manufacturers, suppliers and test labs. The Glendale Collection of windows manufactured by Vinylmax is designed to meet or exceed AAMA's stringent standards.



Efficient Windows Collaborative (EWC) members have made a commitment to manufacture and promote energy-efficient windows. The EWC provides unbiased information on the benefits of energy-efficient windows, descriptions of how they work, and selection recommendations. For more information, visit [www.efficientwindows.org](http://www.efficientwindows.org)



The Glendale Collection is manufactured exclusively by Vinylmax. With more than twenty-five years of manufacturing experience, Vinylmax has consistently been named one of the Top 100 Manufacturers in North America by Window & Door Magazine.





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## 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 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 Doerger family continues to embrace that philosophy. Millions of American homes are more beautiful and more energy efficient, thanks to Vinylmax windows.