

# Montrose™

SLEEK DESIGN, POWERFUL PERFORMANCE





ELEVATE YOUR HOME

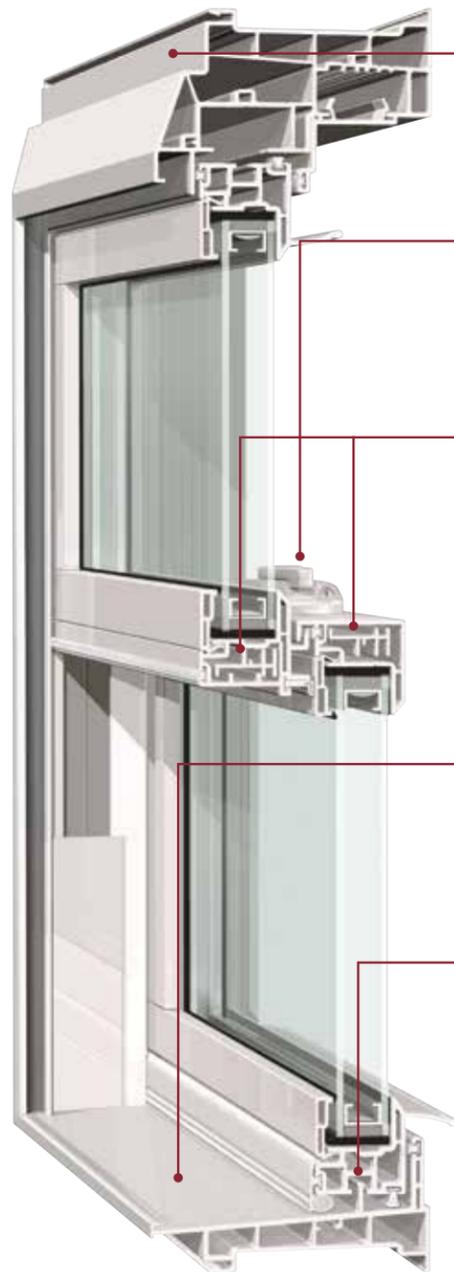
*to a higher level of style...*

AND SOPHISTICATION WITH MONTROSE WINDOWS. WITH METICULOUS ATTENTION TO DETAIL, MONTROSE WINDOWS ACHIEVE EXQUISITE DETAIL YOU'LL APPRECIATE EVERY DAY, FROM EVERY ANGLE. THE STRIKING SIMPLICITY OF THIS WINDOW IS NOTED FOR ITS ENDURING AESTHETIC VALUE AND BROAD RANGE OF APPLICATIONS. WHEN YOU THINK OF WINDOWS AS A STYLE ELEMENT IN YOUR HOME, YOU'LL SEE WHY MONTROSE WINDOWS DESERVE STRONG CONSIDERATION.

In Alpine Windows, you have found the premier union of heritage and innovation; the pledge of best-in-class materials and future-forward engineering. We also take special pride in our exceptional "Made in America" quality. Our U.S. operations not only champion the tradition of American ingenuity and craftsmanship, they also fortify our nation with quality jobs and economic dollars. Together, we will continue to strengthen the prosperity of our country.



THE ADDED BEAUTY YOU'VE BEEN *dreaming of...*



**Horizon™**  
NARROWLINE FRAME AND SASH

Creating a refined silhouette and a greater glass area, the low-profile mainframe and sash house integral chambers for increased durability, rigidity and energy efficiency.



**Triton™**  
SECURE LOCKING SYSTEM

The positive end-of-throw cam shifting lock ensures a tight seal when the sash is closed. The expertly crafted hardware also features a "locked" indicator.



**SmartCore™**  
COMPOSITE REINFORCEMENT

SmartCore's non-conductive material improves thermal performance at the meeting rails and allows for secure mounting of hardware.<sup>1</sup>



**Barrier™**  
TELESCOPING SILL

Barrier delivers triple benefits: enhanced beauty, increased protection from air and water infiltration and improved structural stability.



**Cascade™**  
TRUE SLOPED SILL

This highly effective drainage system incorporates a true sloped sill and smooth surface to promptly direct water runoff without the use of weep holes.<sup>2</sup>



**InterSync™**  
SASH-TO-SILL INTERLOCK

The innovative technology of LinkSync nests the sash into the sill for increased strength and greater resistance to bowing during extreme winds.



**OcuSeal™**  
SCREEN BULB SEAL

OcuSeal's thoughtful design blocks light penetration between the screen and window frame and also allows for easier screen installation and removal.<sup>3</sup>

Montrose Windows come standard with a block frame. For enhanced appearance and ease of installation, four additional options also are available.



1" Nail Fin Set Back

1-3/8" Nail Fin Set Back

1-3/8" Nail Fin Set Back with J-Channel Adaptor

Stucco Fin

<sup>1</sup>Double-hung base model will automatically be upgraded to ST (steel reinforcement) for all units ordered in excess of 48" wide or 84" high.  
<sup>2</sup>For larger size windows or to meet specific DP/PG ratings, optional weeps/performance package must be ordered.  
<sup>3</sup>Available only with the full screen option.

STATE-OF-THE-ART GLASS TECHNOLOGY

The energy-saving properties in the glass unit are a key factor in the thermal performance of your windows. Windows are roughly 80% glass, so you'll want to choose the best glass technology for your home and climate challenges. Montrose Windows feature a dual-pane insulating unit with double-strength glass. Choosing a Low-E (low-emissivity) glass package\* will further increase the energy efficiency. Low-E glass has a virtually clear metallic coating that acts as a thermal mirror to retain warm air during winter and keep solar heat out during the summer. Low-E glass also helps shield your home from damaging UV rays that can cause interior furnishings to fade.



**Winter Energy Savings:**  
Low-E insulating glass reduces heat loss by reflecting warm air back into your home.



**Summer Energy Savings:**  
Low-E helps block unwanted solar heat penetration to help reduce air-conditioning usage.

Two glass package families are offered to further customize the performance of your Montrose Windows:

**SolarTherm®:** Low-E glass, argon gas and the Intercept® Warm-Edge Spacer System.

**SolarThermD:** Low-E glass, argon gas and a stainless steel Intercept Warm-Edge Spacer System for increased strength and energy savings.

GREATER STRENGTH AND THERMAL EFFICIENCY WITH SOLARTHERMD

The spacer system in your windows not only stabilizes the panes of glass, it enhances the thermal efficiency of the glass unit. SolarThermD Intercept spacer features a stainless steel alloy and U-shaped design to deliver outstanding performance. Well-known for its impressive strength, durability and resistance to corrosion, stainless steel is also impervious to gas transmission, which increases the insulating gas retention in the window unit for improved energy efficiency. SolarThermD further resists effects of temperature changes with flex and low stress on the sealant bond to help avert seal failure.



**Reduce Condensation:** A high-performance spacer system can help prevent condensation at the edge of the glass unit. SolarThermD's stainless steel Intercept spacer with moisture vapor barrier is stronger by design and more energy-efficient compared to a traditional box metal spacer.

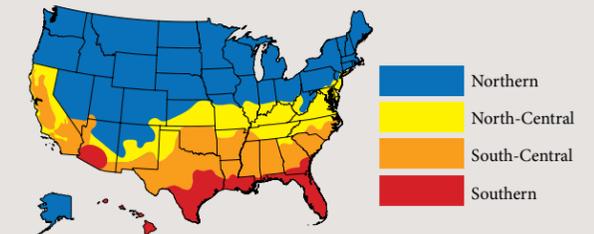


PERFORMANCE BY DESIGN

Montrose Windows deliver triple-pane, energy-saving performance in a dual-pane unit. The dual-pane glass unit with double-strength insulated glass, thermally optimized frame and sash, non-conductive composite

reinforcements and multi-layer weatherstripping provides a highly efficient window system that will beautifully withstand even the harshest weather.

Montrose Windows and Alpine Patio Doors are available with a variety of glass options. Please consult your window professional to help you choose the best glass package to meet the ENERGY STAR® requirements for your home and climate zone.



Montrose Windows and Alpine Patio doors can be customized to meet ENERGY STAR requirements. Please see your window professional for specific glass packages.

CUSTOMIZE YOUR WINDOWS' GLASS SYSTEM

The thermal performance chart shown below can help you tailor your windows to meet specific climate challenges. The lower the U-Factor, the less energy you'll need to heat your home. The lower the Solar Heat Gain Coefficient (SHGC), the more you'll conserve on air-conditioning.

THERMAL PERFORMANCE COMPARISON<sup>4</sup>

	Double-Hung		Sliding	
	U-Factor	SHGC	U-Factor	SHGC
Clear Glass	0.46	0.59	0.45	0.59
SolarTherm	0.29	0.30	0.28	0.30
SolarTherm iE	0.28	0.30	0.28	0.30
SolarTherm Elite	0.28	0.21	0.28	0.21
SolarThermD	0.28	0.30	0.27	0.30
SolarThermD iE	0.27	0.30	0.27	0.30
SolarThermD Elite	0.27	0.21	0.27	0.21

<sup>4</sup>Whole window values are based on double-strength glass, standard Montrose offering with composite reinforcements. ST and HP performance values are also available.

AIR/WATER/STRUCTURAL RESULTS

	Air	Water	Structural
Montrose Base	.04	6.0	DP40
Montrose ST	.08	7.5	DP50

GLASS PACKAGE TERMINOLOGY

**Clear:** Double-paned clear glass unit.  
**SolarTherm:** Double-paned unit with one pane of Low-E glass, argon gas and metal alloy Intercept spacer.  
**SolarTherm iE:** Double-paned unit with one pane of Low-E glass, argon gas and metal alloy Intercept spacer, along with insulation-enhanced mainframe.  
**SolarTherm Elite:** Double-paned unit with one pane of Low-E SHGC glass, argon gas and metal alloy Intercept spacer.  
**SolarThermD:** Double-paned unit with one pane of Low-E glass, argon gas and stainless steel Intercept spacer.  
**SolarThermD iE:** Double-paned unit with one pane of Low-E glass, argon gas and stainless steel Intercept spacer, along with insulation-enhanced mainframe.  
**SolarThermD Elite:** Double-paned unit with one pane of Low-E SHGC glass, argon gas and stainless steel Intercept spacer.

# SLIDING WINDOWS

THE SIMPLICITY OF MONTROSE

*... is intrinsically elegant.*

THE CLEAN-LINE DESIGN AND AMPLE GLASS AREA OF THE SLIDING WINDOW MAKE WAY FOR BEAUTIFUL DAYLIGHTING OR A SPARKLING NIGHTTIME VIEW, WHILE ALSO ENSURING OUTSTANDING DURABILITY AND WEATHERTIGHT PROTECTION. SLIMLINE DUAL-SLIDING SASHES GLIDE HORIZONTALLY FOR EASY OPERATION AND LIFT OUT FOR CONVENIENT CLEANING.

- Narrowline frame and sashes with fusion-welded corners for exceptional beauty, strength and energy efficiency.
- Insulated glass unit with double-strength glass and warm-edge spacer system increases energy efficiency and longevity.
- Multi-chambered construction provides insulating air spaces for increased energy efficiency and durability.
- Non-conductive composite reinforcement in the meeting rails improves energy efficiency and allows for secure mounting of hardware.<sup>5</sup>
- Nylon-encased dual brass roller system ensures effortless operation of the sashes.
- Hidden screen track creates a clean-line appearance for enhanced aesthetic appeal.

<sup>5</sup>Dual sliding base model will automatically be upgraded to ST (steel reinforcement) for all units ordered in excess of 72" wide or 48" high.



*Dual vent stops offer a convenient and limited opening for ventilation (far left).*

*Sliding window shown in a 1/4-1/2-1/4 configuration (left).*



*standout choice*  
FOR PERFORMANCE

The true beauty of the double-hung window lies in its easy-clean design. Both sashes tilt in to let you clean the glass from inside your home.



## DOUBLE-HUNG WINDOWS

MONTROSE DOUBLE-HUNG WINDOWS

*marry classic style...*

WITH A REFRESHINGLY CONTEMPORARY APPROACH.

THE BEAUTIFUL SLIMLINE DESIGN FEATURES CRISP CORNERS AND A GREATER GLASS AREA, WHILE THE PRECISION-ENGINEERED CONSTRUCTION ENSURES SUPERIOR DURABILITY AND ENERGY EFFICIENCY.

A STANDOUT CHOICE FOR THEIR APPEARANCE AND PERFORMANCE, DOUBLE-HUNG WINDOWS ARE ESPECIALLY EASY TO CLEAN. NO NEED TO STRUGGLE WITH HARD-TO-REACH AREAS – BOTH SASHES TILT IN TO MAKE THE CLEANING PROCESS QUICK AND CONVENIENT.

- Narrowline frame and sashes with fusion-welded corners for exceptional beauty, strength and energy efficiency.
- Innovative sash-to-sill interlock nests the sash to the sill for increased strength that helps prevent bowing during extreme winds.
- Non-conductive composite reinforcement in the meeting rails improves energy efficiency and allows for secure mounting of hardware.<sup>6</sup>
- True sloped sill drains water quickly to the exterior to help prevent build up of moisture or debris.
- Constant force balance system eliminates sash cords, weights and pulleys; ensures smooth and easy sash operation.
- Hidden screen track creates a clean-line appearance for enhanced aesthetic appeal.

<sup>6</sup>Double-hung base model will automatically be upgraded to ST (steel reinforcement) for all units ordered in excess of 48" wide or 84" high.



## PICTURE AND SPECIAL SHAPE WINDOWS

MONTROSE PICTURE AND SPECIAL SHAPE WINDOWS WILL *add a touch of glamour* TO YOUR HOME WITH A BOLDNESS THAT DRAWS YOU IN. USED ALONE OR IN COMBINATION WITH MULTIPLE UNITS, PICTURE AND SPECIAL SHAPES LET YOU CUSTOMIZE YOUR HOME WITH YOUR PERSONAL STYLE, FROM AIRY AND ELEGANT TO TAILORED AND MASCULINE.

- Narrowline frame features fusion-welded corners for enhanced style, strength and energy efficiency.
- Insulated glass unit with double-strength glass and warm-edge spacer system (picture windows) provides superior thermal protection and longevity.
- Integrated, multi-chambered construction creates airtight insulating compartments for increased energy efficiency and structural integrity.
- Choose from a variety of architectural styles, including Circle Top, Quarter Arch, Eyebrow, Half Eyebrow, Ellipse, Full Circle, Hexagon, Octagon, Pentagon, Cathedral, Trapezoid, Triangle and more.

*Picture windows and special shapes invite creativity when designing your home's window system.*

# CASEMENT WINDOWS

THE REFINED *quality and style* OF OUR CASEMENT WINDOWS CONVEY TRADITIONAL CRAFTSMANSHIP WITH A MODERN FLAIR. A BEAUTIFUL NARROWLINE FRAME AND SASH IS FURTHER ENHANCED WITH A LOW-PROFILE, EASY-TOUCH CRANK HANDLE NESTED INTO THE HARDWARE. DESIGNED FOR SMOOTH AND EASY OPERATION, THE CASEMENT SASH GENTLY OPENS OUTWARD.

- Beveled exterior sash creates a striking finish and the appearance of a larger glass area.
- Step-down frame with compression-type inner bulb seal achieves a tight seal during inclement weather.
- Precision-engineered hinge system offers multi-directional ventilation and allows sash cleaning from inside the home.
- Positive crank mechanism provides easy operation when opening and closing the sash.
- Multi-point locking system ensures a tight seal and added comfort.
- Multiple lite configurations are available in a single mainframe.
- Combine casements and fixed lites to create a larger window design with an expanded outdoor view.



*smooth and ease*  
OF OPERATION

*Casement windows provide your home with a stunning accent that adds value and aesthetic appeal.*



*Add light, charm and a new design twist to any room with awning windows.*

# AWNING WINDOWS

*Our expertly built...*

AWNING WINDOWS FEATURE AN EASY-TOUCH CRANK HANDLE FOR IMPRESSIVE PERFORMANCE AND AESTHETICS. OPENING UP AND OUT, AWNING WINDOWS LET YOU ADD REFRESHING VENTILATION TO YOUR HOME, WHETHER USED ALONE OR COMBINED WITH FIXED PICTURE WINDOWS.

- Beveled exterior sash lends style and dimension while creating the appearance of a larger glass area.
- Heavy-duty, precision-engineered hinge system offers easy operation of the window from inside the home.
- Dual jamb locks provide a tight seal and help to increase energy efficiency.
- Multiple lite configurations are available in a single mainframe.
- Combining awning and fixed lite windows adds striking beauty and increased visibility.

# BAY AND BOW WINDOWS

BAY AND BOW WINDOWS ARE

*a popular choice...*

FOR ADDING PERSONALITY TO YOUR HOME – BOTH INSIDE AND OUT. THE REFINED STYLE CREATES AN INVITING FOCAL POINT TO THE INTERIOR LIVING AREA WHILE ENHANCING YOUR HOME'S CURB APPEAL WITH A DISTINCTIVE MEASURE OF CHARACTER AND CHARM. SUPERB BEAUTY AND DURABILITY ARE ASSURED WITH A PRECISION-ENGINEERED CONSTRUCTION AND WEATHERTIGHT INSULATING COMPONENTS.

- 1-1/4" furniture-grade veneer is standard in head, seatboard and jamb construction.
- Head and seatboard are finished in oak or birch veneers and ready for painting or staining.†
- 3" pre-insulated seatboard option.
- Reinforced mullion design for added strength.
- Choose from a variety of beautiful finishes and colors.
- Exterior roof system is available with optional copper or painted aluminum roof clad kits.

## BAY/BOW AVONITE SEATBOARD OPTIONS



Cameo

Beach

Sandstone

Dusk



*add personality*  
BOTH INSIDE AND OUT



Enjoy the simple pleasure of indoor gardening with a charming garden window.

# GARDEN WINDOWS

THE BEAUTIFUL

*form and functionality...*

OF A WELL-PLACED GARDEN WINDOW IS A DELIGHTFUL ADDITION TO ANY HOME. GARDEN WINDOWS LET YOU ENJOY A BLOOMING ARRAY OF COLORFUL FLOWERS, FRESH HERBS OR OTHER FAVORITE PLANTS ALL YEAR LONG. A CUSTOM DESIGNED SHELF OFFERS SUPPORT FOR A VARIETY OF PLANTS.

- Fusion-welded mainframe provides strength and stability.
- Sloped top insulating glass panel is wet glazed for a weather tight seal.
- Clear 3/4" insulated glass unit provides all-weather protection.
- Single-hung vents on both sides for increased ventilation options.
- Streamlined sweep lock on the operable side vents allows for ease of operation.



# SLIDING PATIO DOORS

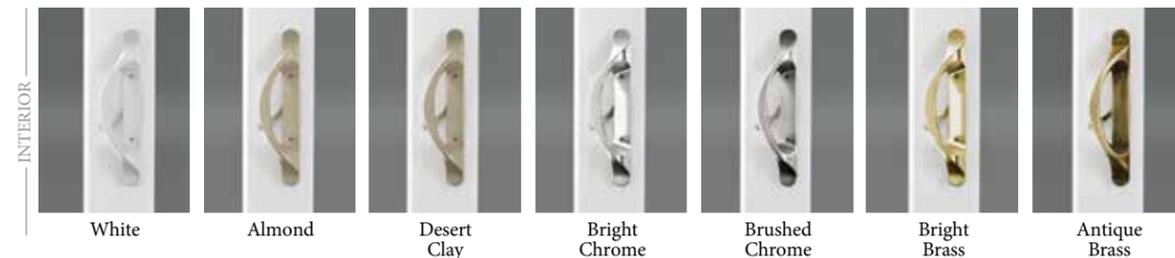
THE DESIGN SPECIFICATIONS ALONE TELL THE

*... quality story of this exceptional door,* INCORPORATING

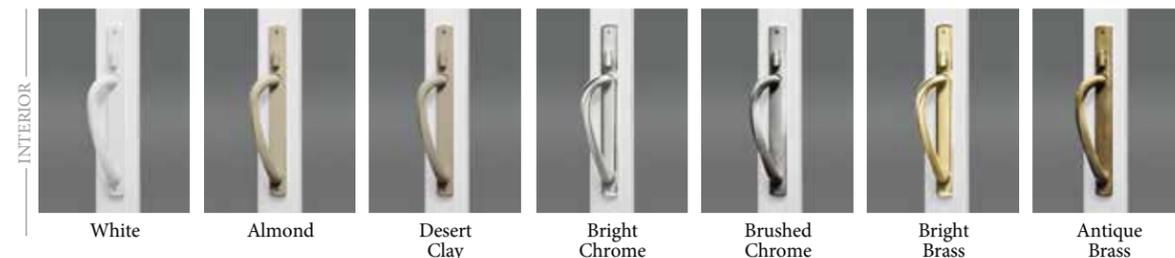
A HEAVY-DUTY MAINFRAME AND SASH WITH DOUBLE-WALL STRUCTURE, EMBEDDED MULTI-CHAMBERED CONSTRUCTION, STEEL REINFORCEMENTS AND A HIGH-PERFORMANCE INSULATED GLASS SYSTEM. SMOOTH OPERATION OF THE GLIDING PANEL AND SCREEN IS ASSURED WITH IMPECCABLE FUNCTIONALITY THAT'S BUILT FOR YEARS OF EVERYDAY WEAR AND TEAR. CHOOSE FROM THREE DISTINCTIVE STYLES IN CLASSIC, CONTEMPORARY AND FRENCH.

- Vinyl mainframe and sash extrusions are colored through and through – won't chip, peel, crack or warp and never need to be painted.
- Double-wall design and multi-chambered construction for outstanding durability and energy efficiency.
- 1" thick insulated glass unit with warm-edge spacer system for thermal performance.
- Steel reinforcements at the interlocks and lock rails for increased structural integrity and durability.
- Precision-engineered tandem roller system ensures smooth operation.
- ENERGY STAR qualified SolarTherm insulated glass package options available.

## CONTEMPORARY AND CLASSIC PATIO DOOR HANDLES



## FRENCH PATIO DOOR HANDLES



*The Contemporary and Classic door handles feature a popular design with a thumb latch. The French-style door handle is gracefully contoured and includes a top lock.*



CONTEMPORARY-STYLE



CLASSIC-STYLE



FRENCH-STYLE

*distinctive styles*  
AND ENERGY EFFICIENT



*superb quality*  
AND CRAFTSMANSHIP



*This elegant handle is standard on all swing, hinged and French doors. Choose from White, Satin Chrome, Polished Chrome and other colors or finishes.*

## SWING, HINGED AND FRENCH DOORS

*You'll find the perfect fit* FOR YOUR HOME WITH OUR VISUALLY PLEASING AND ENERGY-EFFICIENT HINGED PATIO DOORS. METICULOUS ATTENTION TO DETAIL IS APPARENT IN THE SUPERB QUALITY AND CRAFTSMANSHIP, WITH EACH DOOR CONSTRUCTED TO DELIVER BOTH CLASSIC GOOD LOOKS AND LASTING PERFORMANCE.

- Multi-point locking hardware with key operated deadbolt.
- Center single-operated shoot bolts on French door.
- Aluminum reinforced frame, sash astragal and mullions for rigidity.
- Self-weeping sloped sill for improved water drainage.
- Anodized, corrosion resistant aluminum sill cover with integral rolling track for optional screen.
- Three adjustable hinges allow for easy adjustments.
- Vinyl snap-on brickmould is a standard exterior trim provided for added beauty.
- Single, double or French-style doors are available in in-swing or out-swing models.

### DOOR HANDLE FINISH OPTIONS



\*\*Special order.



# DECORATIVE OPTIONS AND WARRANTY

CREATE ELEGANCE *with our beautifully styled decorative options.*

THESE ICONIC COLORS REMAIN POPULAR FROM GENERATION TO GENERATION WITH THEIR BEAUTIFUL APPEARANCE AND HARMONIOUS APPEAL. GRIDS ARE A SIMPLE YET STYLISH WAY TO ADD PERSONALITY TO YOUR WINDOWS. ALL GRIDS ARE ENCLOSED WITHIN THE INSULATED GLASS UNIT FOR EASY CLEANING. CHOOSE ONE OF OUR TIMELESS PATTERNS TO CUSTOMIZE YOUR WINDOWS AND PATIO DOORS.

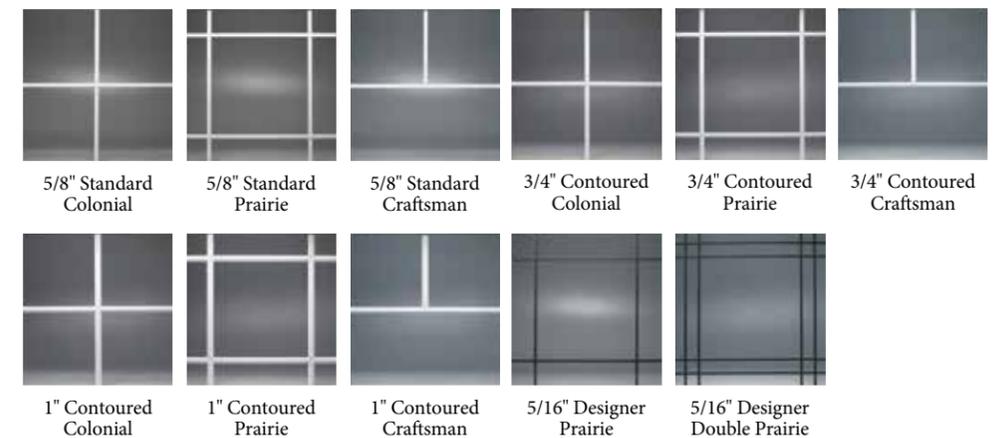
## COLORS

Our carefully selected color palette lends style and refinement to your home. Window colors include White, Almond and Desert Clay. A Bronze exterior is also available with a White interior.



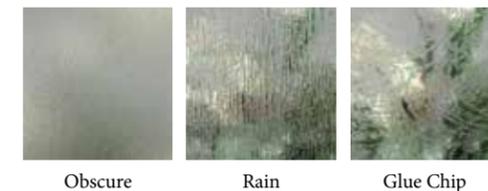
## GRID OPTIONS

Window grids are available in the standard configurations of Colonial, Prairie and Craftsman styles. Available in White, Almond and Desert Clay as well as a standard 5/8" Bronze/White grid. Designer grids are also available for added design flexibility.



## OBSCURE GLASS

Obscure glass styles offer privacy for bathrooms and other areas of your home without blocking the natural light.



## LIFETIME LIMITED WARRANTY

Montrose Windows are made by Alpine, a recognized leader in product innovation, manufacturing excellence and uncompromising quality control. That's a reputation you can count on, from the day your windows are installed until the day you sell your home. And to make your buying decision easier, Alpine backs all Montrose Windows with a Lifetime Limited Warranty<sup>†</sup>. . . one of the strongest in the industry.



DISCOVER SUPERIOR QUALITY AND

*energy efficiency* FOR YOUR HOME . . .



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Please recycle