

Montrose®

SLEEK DESIGN, POWERFUL PERFORMANCE



Alpine
WINDOWS



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.

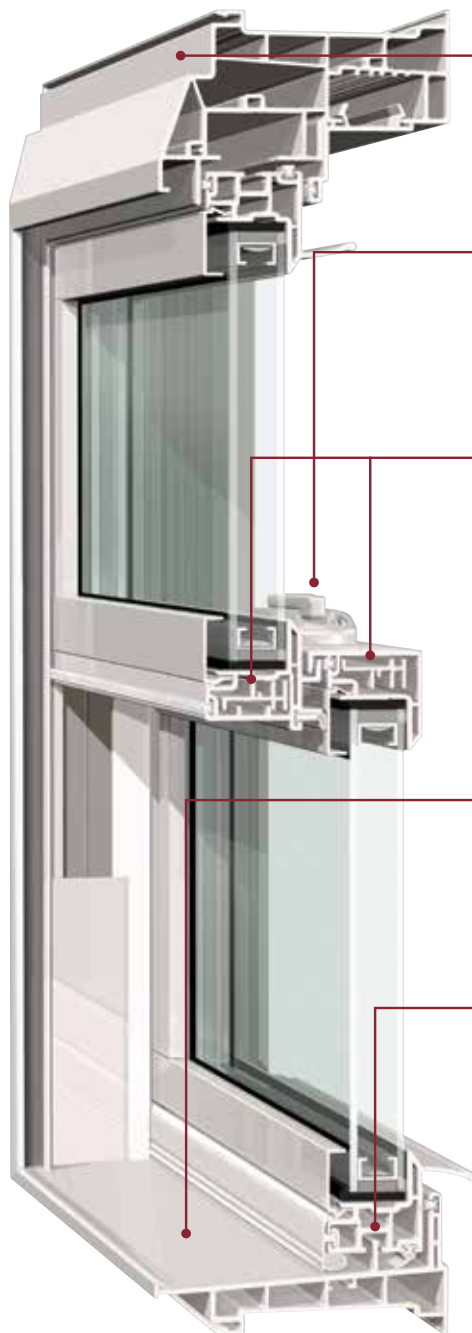
In Alpine Windows, you have found the premier union of heritage and innovation; the pledge of outstanding materials and future-forward engineering. We also take special pride in our exceptional “Custom-Crafted in America” quality. Our U.S. operations not only champion the tradition of American ingenuity, they also fortify our nation with quality jobs and economic dollars.





modern and functional
WITH TIMELESS APPEAL

HEAVY-DUTY CONSTRUCTION WITH *refined aesthetics*



Horizon

NARROWLINE FRAME AND SASH

Creating a refined silhouette and a greater glass area, the low-profile mainframe and sash house integral chambers meticulously engineered for 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 low-conductive composite reinforcement in the meeting rails is designed for thermal performance and the secure mounting of hardware.¹



Barrier

TELESCOPING SILL

Barrier delivers triple benefits: protection from air and water infiltration, enhanced beauty 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.²



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 helps reduce light penetration between the screen and window frame and also allows for easier screen installation and removal.³

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

¹Double-hung base model will automatically be upgraded to ST (steel reinforcement) for all units ordered in excess of 48" wide or 84" high.

²For larger size windows or to meet specific DP/PG ratings, optional weeps/performance package must be ordered.

³Available only with the full screen option.

ENERGY-SAVING 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 energy-efficient glass technology for your home and climate conditions. 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, reflecting radiant heat back into your home during winter and reducing unwanted solar energy in the summer.



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



Summer Energy Savings:
Low-E helps block unwanted solar heat penetration to help conserve air-conditioning use.

Choose from a variety of insulated glass packages 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 thermal efficiency.

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.

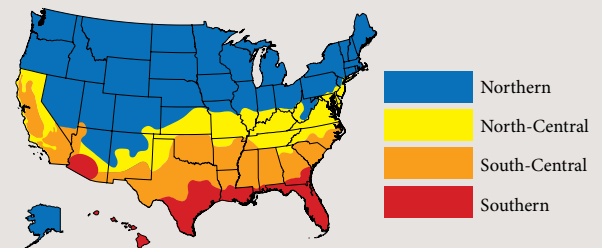


PERFORMANCE BY DESIGN

Montrose Windows with the ENERGY STAR® label are certified and verified for energy-saving performance. The dual-pane glass unit with double-strength insulated glass, energy-engineered frame and sash, low-

conductive composite reinforcements and multi-layer weatherstripping provides a highly efficient window system that will beautifully withstand the challenges of harsh weather.

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



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 COMPARISON⁴

	Double-Hung		Sliding	
	U-Factor	SHGC	U-Factor	SHGC
Clear Glass	0.46	0.57	0.46	0.58
SolarTherm	0.29	0.30	0.29	0.30
SolarTherm iE	0.29	0.30	0.29	0.30
SolarTherm Ultra	0.29	0.21	0.28	0.21
SolarTherm Ultra Low	0.29	0.14	0.28	0.14
SolarThermD	0.28	0.30	0.28	0.30
SolarThermD iE Ultra	0.28	0.21	0.27	0.21
SolarThermD Ultra	0.28	0.21	0.27	0.21

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

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 Ultra: Double-paned unit with one pane of Low-E SHGC glass, argon gas and metal alloy Intercept spacer.

SolarTherm Ultra Low: Double-paned unit with one pane of 340 Low-E 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 Ultra: Double-paned unit with one pane of Low-E glass, argon gas and stainless steel Intercept spacer, along with insulation-enhanced mainframe.

SolarThermD Ultra: 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 provides thermal protection and longevity.
- Multi-chambered construction creates airtight insulating compartments for thermal performance and longevity.
- Low-conductive composite reinforcement in the meeting rails promotes energy efficiency and allows for secure mounting of hardware.⁵
- Nylon-encased dual brass roller system ensures effortless operation of the sashes.
- Hidden screen track creates a clean-line appearance for enhanced aesthetic appeal.

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



strong and sleek
WITH AN UNOBSTRUCTED VIEW



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

Vent stop offers a convenient and limited opening for ventilation (far left bottom).



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.



a standout choice
FOR PERFORMANCE

DOUBLE-HUNG WINDOWS

MONTROSE DOUBLE-HUNG WINDOWS

marry classic style...

WITH A REFRESHINGLY CONTEMPORARY APPROACH. THE SLIMLINE DESIGN FEATURES CRISP CORNERS AND A GREATER GLASS AREA, WHILE THE PRECISION-ENGINEERED CONSTRUCTION ENSURES SUPERIOR DURABILITY AND WEATHERTIGHT PROTECTION.

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.
- Low-conductive composite reinforcement in the meeting rails promotes energy efficiency and allows for secure mounting of hardware.⁶
- 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; provides smooth and easy sash operation.
- Hidden screen track creates a clean-line appearance for enhanced aesthetic appeal.

⁶Double-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 REFINED.

- 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 thermal protection and longevity.
- Integrated, multi-chambered construction creates airtight insulating compartments for thermal performance 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.





inspire creativity with
BEAUTIFUL NATURAL LIGHT

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.

- Exterior sash design creates a striking finish and the appearance of a larger glass area.
- Step-down frame with three weatherstripping seals provides 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.



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.

- 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 promote energy efficiency.
- Multiple lite configurations are available in a single mainframe.
- Combining awning and fixed lite windows adds striking beauty and increased visibility.



SLIDING PATIO DOORS

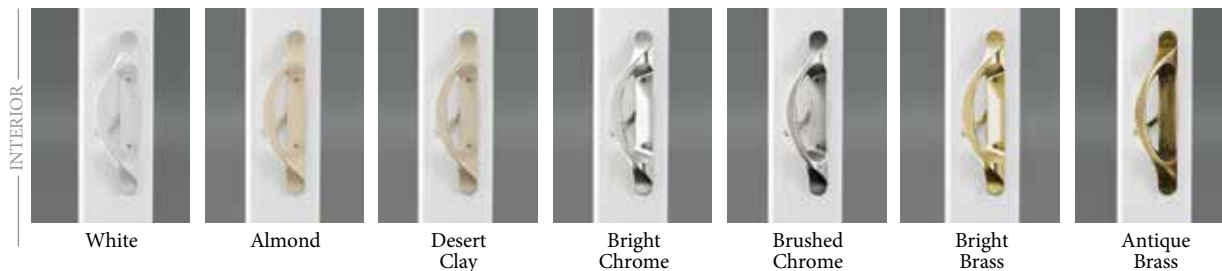
THE DESIGN SPECIFICATIONS ALONE TELL THE

... quality story of this exceptional door, INCORPORATING

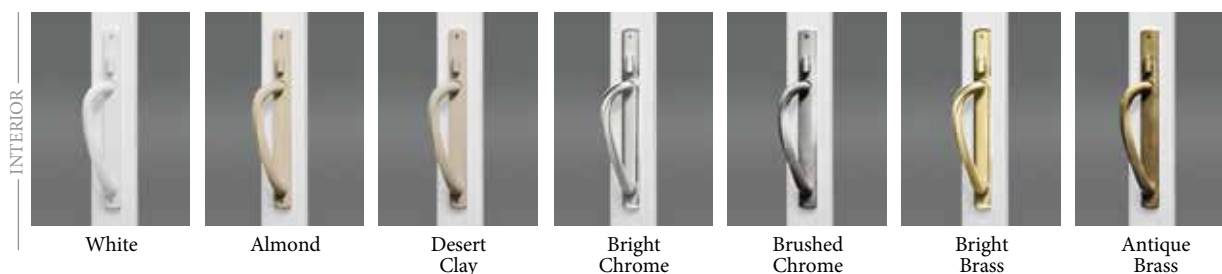
A HEAVY-DUTY MAINFRAME AND SASH WITH DOUBLE-WALL STRUCTURE, EMBEDDED MULTI-CHAMBERED CONSTRUCTION, STEEL REINFORCEMENTS AND A HIGH-PERFORMANCE INSULATED GLASS SYSTEM. SMOOTH OPERATION OF THE GLIDING PANEL AND SCREEN IS ASSURED WITH SUPERB FUNCTIONALITY THAT'S BUILT FOR YEARS OF EVERYDAY WEAR AND TEAR. 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 strength.
- 1" thick (nominal) insulated glass unit with warm-edge spacer system promotes energy conservation year-round.
- 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 to
ENHANCE YOUR HOME

DECORATIVE OPTIONS AND WARRANTY

CREATE ELEGANCE *with our impeccably styled decorative options.*

THESE ICONIC COLORS REMAIN POPULAR WITH THEIR BEAUTIFUL APPEARANCE AND HARMONIOUS APPEAL. GRIDS ARE A SIMPLE YET STYLISH WAY TO ADD PERSONALITY TO YOUR WINDOWS. 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 Black, Architectural Bronze or Silver exterior is only available with a White or Almond interior.



White



Almond



Desert Clay



Black



Architectural Bronze



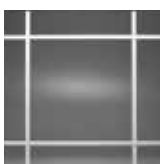
Silver

GRID OPTIONS

Window grids are available in the standard configurations of Colonial, Prairie and Craftsman styles. All grids are enclosed within the insulated glass unit for easy cleaning. Select a grid profile and pattern to achieve your ideal finished look.



5/8" Standard Colonial



5/8" Standard Prairie



5/8" Standard Craftsman



3/4" Contoured Colonial



3/4" Contoured Prairie



3/4" Contoured Craftsman



1" Contoured Colonial



1" Contoured Prairie



1" Contoured Craftsman

OBSOURE GLASS

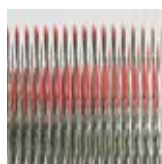
Obscure glass styles offer privacy for bathrooms and other areas of your home without blocking the natural light.



Obscure



Rain



Narrow Reed



Glue Chip



Satin Etched

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^{††}... one of the strongest in the industry.



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