

BayView

Optimum View Series Windows & Doors

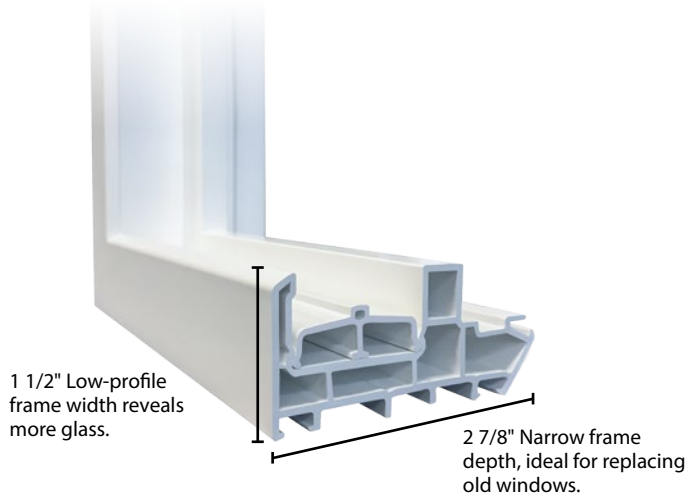


by

Monte Verde
Windows & Doors

As with all Monte Verde products, Bay View includes premium craftsmanship, beauty and features at a value price.

Enhance the value & style of your home



More Glass. More View. More Light.

The low-profile frame design of Bay View windows offers a sleek contemporary look with maximized glass area and allows for beautiful unobstructed views that invites more light in your home.



Narrow Frame Depth

A narrow 2 7/8" frame depth means, in most homes, Bay View windows can replace old windows and still allow window blinds to fit flush inside the window opening.

Limited Lifetime Warranty

Bay View products are backed by a Limited Lifetime Warranty on parts and labor. So along with beauty, performance and energy efficiency, Bay View products also provide peace of mind. The warranty includes an extensive list of items that are covered, free of charge to you:

- | | | |
|--------------------------------------|---|----------------|
| Parts, including all hardware | Accidental Glass Breakage (optional) | Labor |
| Vinyl | Exterior Vinyl Coatings | Freight |
| Insulated Glass Unit | Screens | |



AAMA, NFRC and ENERGY STAR Certified

Bay View products are tested and certified by the American Architectural Manufacturers Association (AAMA), National Fenestration Rating Council (NFRC) and ENERGY STAR. All certification assures homeowners that our windows and patio doors are manufactured to the highest quality and energy standards.

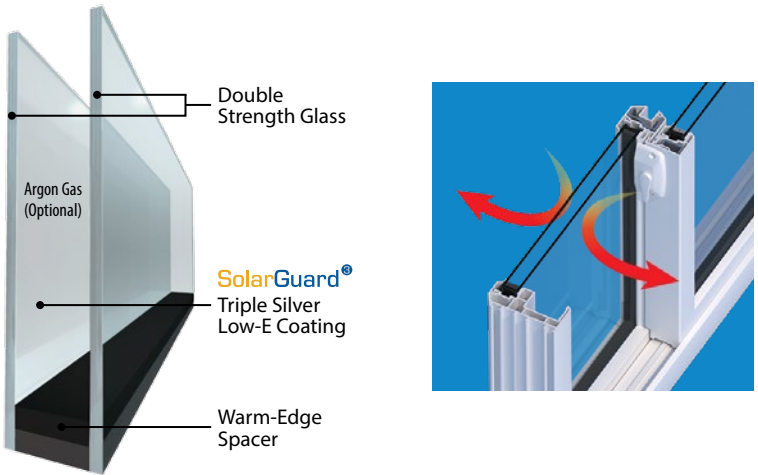


FEATURES HIGHLIGHTS

Saving Energy

SolarGuard®

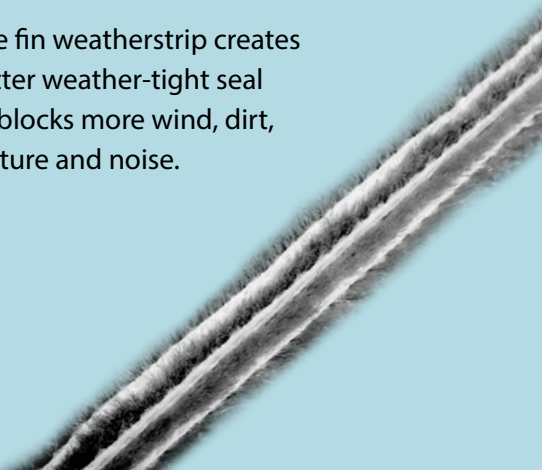
- ▶ High performance triple silver Low-E glass maximizes energy efficiency, your home will be cooler in the summer and warmer in the winter with lower energy costs.
- ▶ Low conductive silicone warm-edge spacer reduces heat transfer and condensation.
- ▶ Optional Argon Gas between the panes of glass slows the transfer of heat through the window.



- ▶ Thicker vinyl and more inner chambers help reduce the flow of heat and cold through the frame.



- ▶ Triple fin weatherstrip creates a better weather-tight seal that blocks more wind, dirt, moisture and noise.



Easy to Operate and Clean

- ▶ Sliding windows are supported by 4 Celcon rollers and 4 extra large stainless steel axles for a lifetime of smooth operation.



- ▶ Single hung windows, which operate vertically, features sashes that tilt in for easy cleaning of the outside glass and a stainless steel constant-force balance system that ensure easy, smooth operation.



Appearance and Value

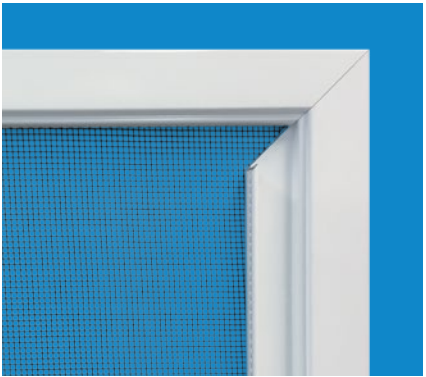


- ▶ The corners of Bay View frames are precision mitered at 45 degrees, welded and cleaned by computer-controlled technology. Every corner then receives a touch-up by hand for an exceptional smooth finish.

- ▶ Frames and sashes with matching beveled accents create a more polished, sleek and sophisticated look.



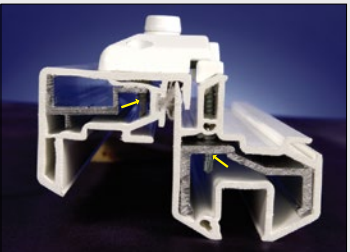
- ▶ Bay View screens have mitered corners to match the frames. The built-in pull rail provides easy removal.



Security

Bay View windows pass the stringent California Forced Entry (CFE) resistance test.

- ▶ All locking hardware in every window is securely fastened to metal reinforcement for increased security.

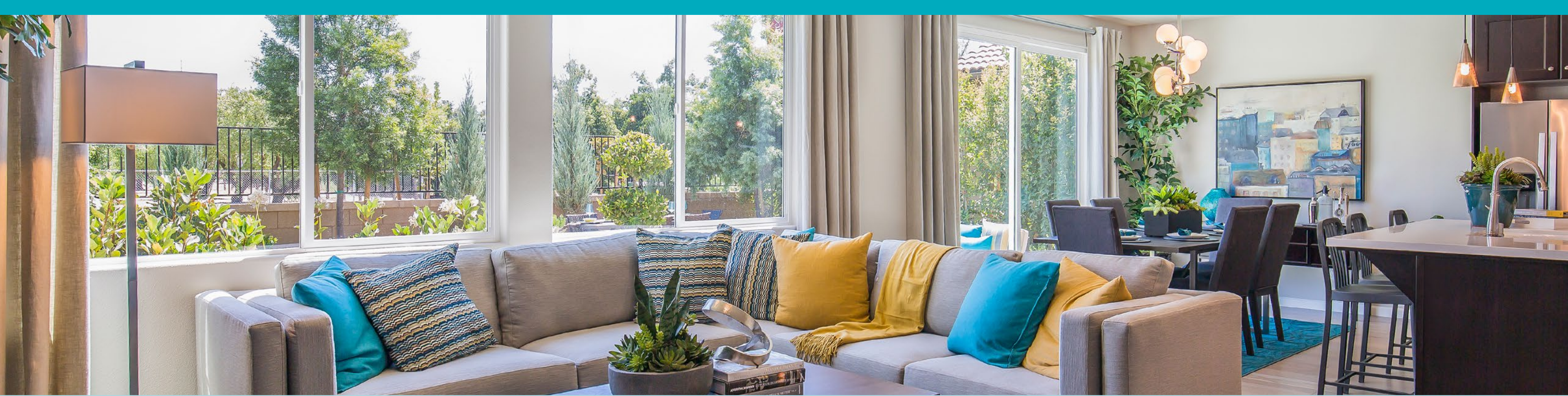


- ▶ A continuous interlocking rail prevents "jimmying" the lock from the outside.

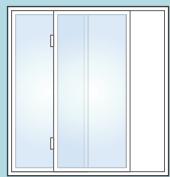


- ▶ Optional solid 1/4" stainless steel sash dead bolt provides added security on sliding windows.

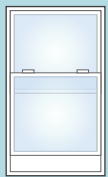




Sample Configurations



Single Slider



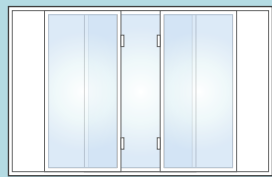
Single Hung



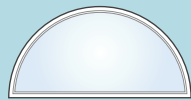
Picture



Picture Over Slider



SS / Picture / SS



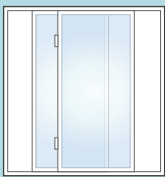
Geometric

Complementary Products

Complementary products have a 3 1/4" frame depth to accommodate the function of its operating styles and can be combined with any Bay View window.



Double Hung



Double Slider

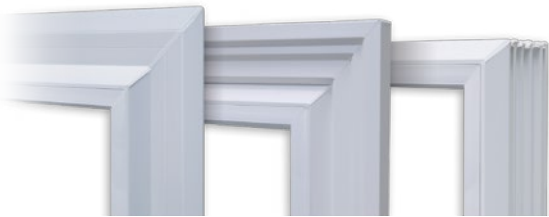


Casement



Awning

Frame Options



Flush Fin

Brickmould

Block or Nail Fin 1"

Frame Colors



White (Standard)



Tan (Standard)

EcoCool™
Solar Reflective Exterior Finishes (Optional)

Hardware Options

Pull-Tight Cam Lock (Standard)

Pulls the frame and sash together for a weather-tight seal.



Pro-Latch Lock (Optional)

Locks automatically when the sash is closed and can be ordered in a range of colors and finishes.



White



Tan



Bronze

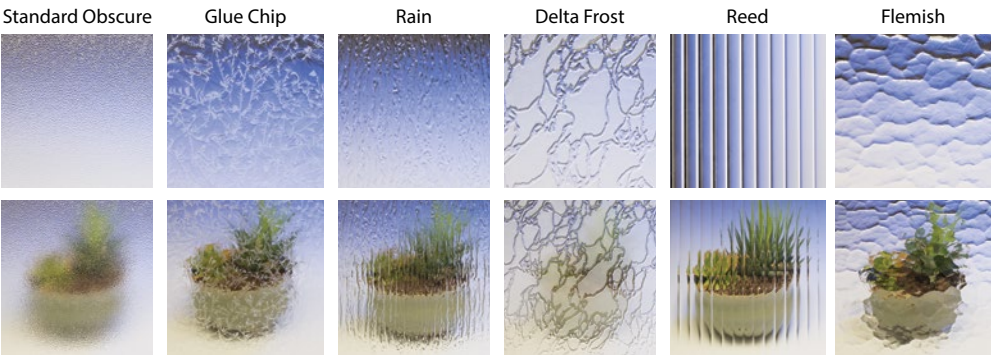


Brushed Nickel



Polished Brass

Glass Patterns (Optional)

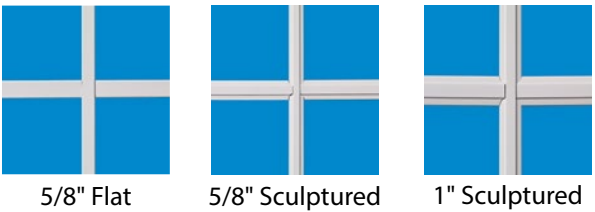


V-Groove Glass (Optional)

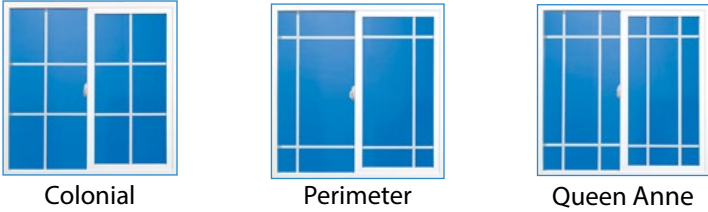
Various V-Groove decorative glass styles and patterns available.



Grid Styles (Optional)



Grid Patterns (Optional)



SLIDING PATIO DOORS



Bay View sliding patio doors are built for beauty, comfort and to operate smoothly for a lifetime.

Features

- SolarGuard³ with high performance triple silver Low-E glass for maximum energy efficiency
- Fusion-welded corners for added strength and a watertight seal
- Easy-glide oversized tandem rollers with stainless steel track for smooth operation
- Standard with safety tempered glass

Available Sizes

Available in heights from 6' to 8' and widths from 5' to 16'.



Two heavy-duty hooks move outward to engage the keeper, which securely locks the door at the jamb.



Oversized rollers glide over a durable, one-piece stainless steel track providing effortless operation for a lifetime.

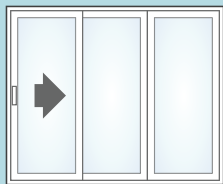
Sample Configurations



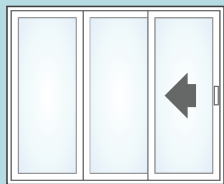
XO
Sliding / Fixed



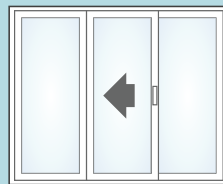
OX
Fixed / Sliding



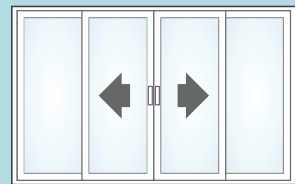
XOO
Sliding / Fixed / Fixed



OOX
Fixed / Fixed / Sliding



OXO
Fixed / Sliding / Fixed



OXXO
Fixed / Sliding / Sliding / Fixed

Rail Styles



Standard 2 1/2" Rail



French 4 1/2" Rail

Frame Options



Flush Fin

Brickmould

Block
or Nail Fin 1"

Bay View Patio Doors are available with the same Frame Colors, Grid Styles, and Grid Patterns as Bay View Windows

Door Handle Options



White
(Standard)



Tan
(Standard)



Bronze
(Optional interior only)



Satin Nickel
(Optional interior only)

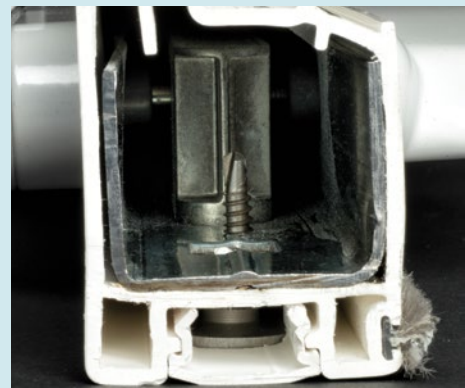


Polished Brass
(Optional interior only)

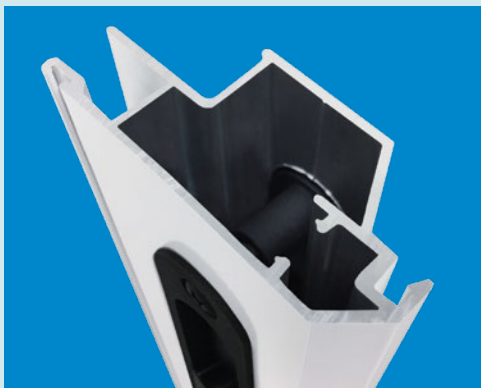
Dead Bolt (Optional)

Solid 3/8" stainless steel dead bolt provides added security.

(Applied at top of active sash panel)



A multi-point locking system is securely fastened through the vinyl into metal reinforcement for added security.



Screen door frame is made to last with thick walls of high-test aluminum and built with flush-mounted handles and self-latching hardware.

All Bay View doors were designed with security in mind and passed the stringent California Forced Entry (CFE) resistance tests.

SWINGING FRENCH DOORS



Bay View swinging French doors come in a variety of configurations and options so you can create and enhance your home's style.

Features

- High security three-point locking system
- Passed stringent California Forced Entry (CFE) resistance tests
- SolarGuard³ with high performance triple silver Low-E glass for maximum energy efficiency
- Fusion-welded corners for added strength and a watertight seal
- Come standard with safety tempered glass
- Operable sidelights available

Available Sizes

Available in heights from 6' to 8'.

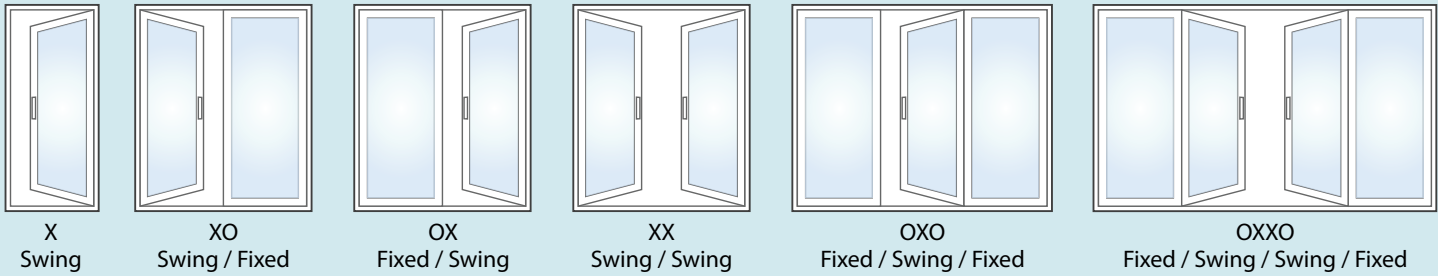


High Security Three-Point Locking System

The keyed lock activates three solid metal posts, one each at the top, middle and bottom of door, while a dead bolt adds yet another level of security.



Sample Configurations



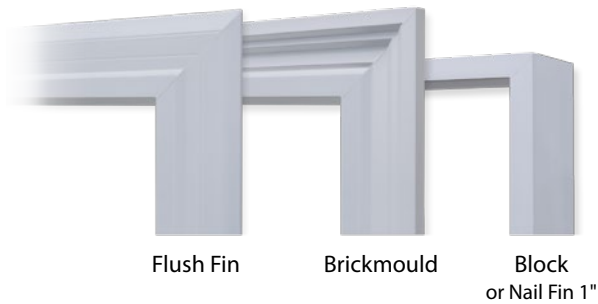
(All swing doors can be in-swing or out-swing as an option.)



Operable Sidelights
(Available as in-swing only)

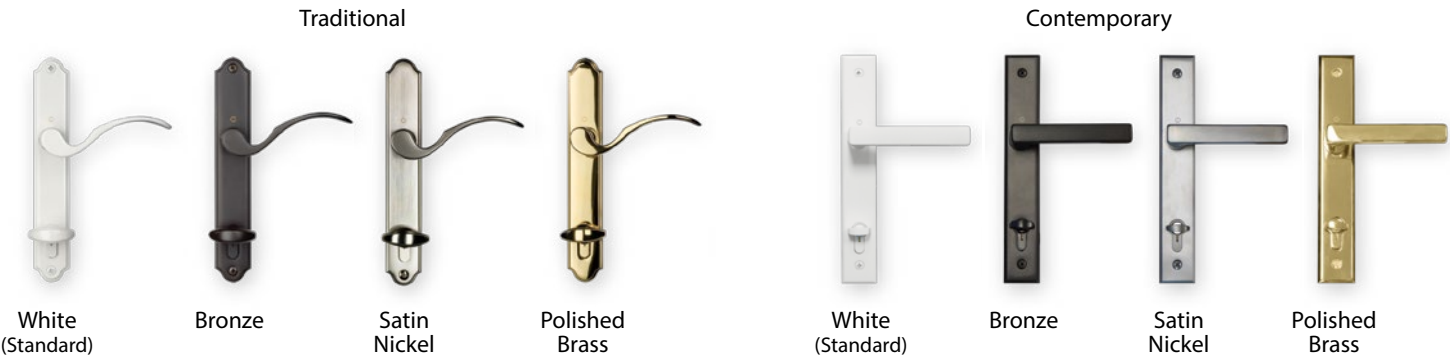
(Operable sidelights, open inward, and include screens on the outside.)

Frame Options



Bay View Swinging French Doors are available with the same Frame Colors, Grid Styles, and Grid Patterns as Bay View Windows

Door Handle Options



FREEDOM+ IN-GLASS PET DOORS

Bay View sliding patio and swinging French doors can be made with a Freedom+ pet door which provides a unique option for pet lovers. They combine the elegance of a sleek, in-glass design with a heavy-duty frame and other features you'll appreciate. Freedom+ pet doors are available in four sizes so you can choose the size just right for your pet.

Pet Door Size Chart

Pet Door Size	Pet Weight	Opening Width	Opening Height	Sample Breed
Small	up to 15 lbs	5 1/4"	8 1/8"	Cats, Chihuahuas, Pomeranians, Papillons, Yorkies, Maltese, and Japanese Chins
Medium	up to 40 lbs	8 1/4"	12 1/4"	Poodles, Corgis, Dachshunds, Beagles, Pekingese, Shelties, Schnauzers, Cocker Spaniels, and most Terriers
Large	up to 100 lbs	10 1/4"	16 1/4"	Labradors, German Shepherds, Golden Retrievers, Boxers, Collies, Setters, Bulldogs, Pointers, and Dobermans
X-Large	up to 200 lbs	13 3/4"	23 3/4"	Great Danes, St. Bernards, Rottweilers, Old English Sheepdogs, Newfoundlands, Irish Wolfhounds, and Great Pyrenees

Bay View Thermal Performance

Window/Door Style	UV Block ¹	Visible Light Transmittance ²	Total Unit U-Factor ³	No Grids SHGC ⁴	Grids SHGC
Single Hung - (triple Low-E, air fill)	94%	64%	0.31	0.23	0.21
Single Hung - (triple Low-E, argon fill)	94%	64%	0.27	0.23	0.21
Single Slider - (triple Low-E, air fill)	94%	64%	0.31	0.23	0.21
Single Slider - (triple Low-E, argon fill)	94%	64%	0.27	0.23	0.21
Picture Window - (triple Low-E, air fill)	94%	64%	0.30	0.24	0.22
Picture Window - (triple Low-E, argon fill)	94%	64%	0.25	0.24	0.22
Casement - (triple Low-E, air fill)	94%	64%	0.29	0.18	0.16
Casement - (triple Low-E, argon fill)	94%	64%	0.26	0.17	0.16
Sliding Patio Door - Standard - (triple Low-E, air fill)	94%	64%	0.32	0.22	0.19
Sliding Patio Door - Standard - (triple Low-E, argon fill)	94%	64%	0.29	0.21	0.19
Sliding Patio Door - French-style - (triple Low-E, air fill)	94%	64%	0.32	0.19	0.17
Sliding Patio Door - French-style - (triple Low-E, argon fill)	94%	64%	0.29	0.19	0.17
Out-swing French Door - (triple Low-E, air fill)	94%	64%	0.35	0.17	0.15
Out-swing French Door - (triple Low-E, argon fill)	94%	64%	0.32	0.17	0.15
In-swing French Door - (triple Low-E, air fill)	94%	64%	0.34	0.17	0.15
In-swing French Door - (triple Low-E, argon fill)	94%	64%	0.31	0.17	0.15

¹ Ultraviolet (UV) light block calculations performed using Lawrence Berkeley Laboratories Window 4.1 program. Percentages indicate amount of UV transmittance blocked from the interior using a 3/4" glazing unit.

² Visible light transmittance indicates the amount of outside light reaching the interior as calculated using center of glass. Higher percentages mean more outside light reaches interior.

³ U-factor represents the amount of heat transfer as measured in accordance with NFRC 100-2001, calculation uses total window unit, and assumes 3/4" glazing with a 1/2" airspace. Lower is better.

⁴ Solar heat gain coefficient (SHGC) measures the amount of solar radiation entering the building. As measured per NFRC 200-2001 with the Window 4.1 and Frame 4.1 modeling programs. Lower is better.



INSTALLATION STANDARDS

Monte Verde Windows & Doors recommends following installation standards in your local building codes, and the instructions found in the following AAMA publications:

Replacement: AAMA 2410-13: Standard for Installation of Windows with an Exterior Flush Fin Over an Existing Window Frame.

Replacement: CAWM 420-97: Standard for Installation of Block Frame Windows Utilizing an Existing Perimeter Wood Frame.

New Construction: AAMA 2400-10: Standard for Installation of Windows with a Mounting Flange in Stud Frame Construction.

Your authorized Monte Verde dealer: