



Vista

by **Crystal**[®]
WINDOW & DOOR

3/4 in.
Insulated Glass
Double Pane

**Large Dual
Rollers**
Brass



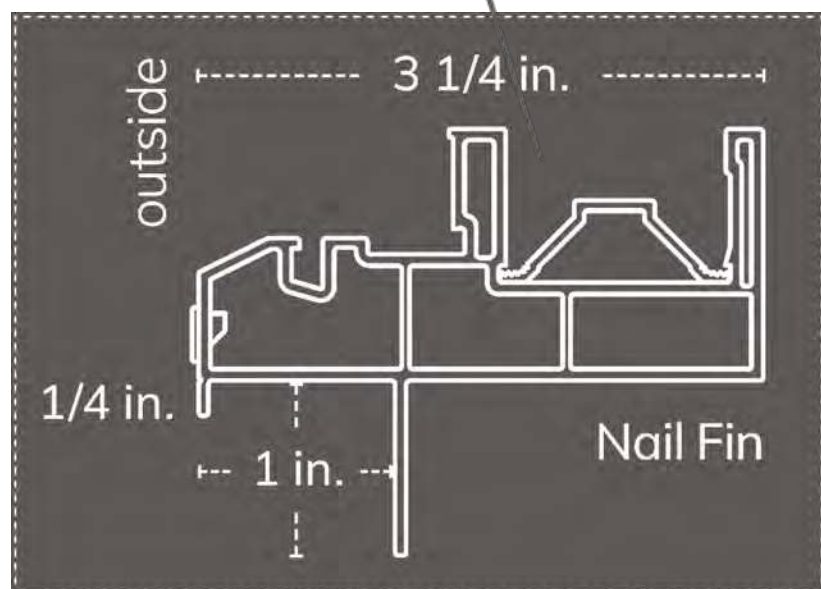
Auto Lock Latch



3-1/4 in.
Frame Depth



**Nail Fin
Cross Section**



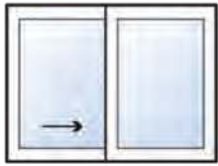
Vista
by Crystal
PATENTED WINDOW & DOOR

Change your living space with sophistication through Vista Windows. Crafted to seamlessly blend style with energy efficiency, Vista windows offer the perfect fusion of form and function, with customizabke options, including exterior colors. Elevating your home's aesthetic has never been more effortless. Choose Vista for a refined touch of elegance in every room.

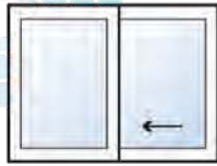
Build the Perfect Window

Configurations and styles

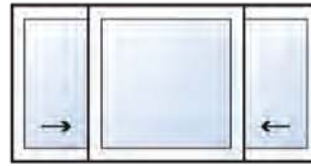
Horizontal Sliders



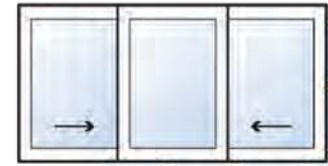
XO



OX



XOX



XOX3

Fixed Shapes



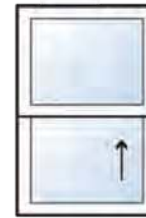
PW



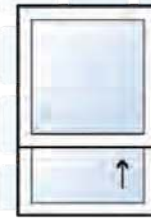
Geometrics



Vista
Arches



SH



SH3

*Combinations of these window shapes and styles available

Grids

In Between the Glass

5
Pattern
Options



Colonial (Traditional)



Marginal (6-Lite Perimeter)



Queen Anne (9-Lite Perimeter)



Valance (Top Row)



Starburst (3-Spoke)



Grid measurements based on larger glass unit. Drawing required for special grid patterns. Adding grids may improve energy rating.



5/8" Flat



1" Sculptured

Marginal & Queen Anne Patterns**

Grid perimeter is 4 inches from the edge of the glass unit to the center of the grid bar. An extra charge may be applied if window height is less than 14 inches and or Queen Anne window width is less than 28 inches. **Not available with swing doors. **Not recommended with active panels.

Valance Pattern

Default Valance pattern height is 10 inches from the edge of the glass unit to the bottom of the grid bar. The default will change to the middle of the glass unit if the height of the glass unit is less than 20 inches.

Colonial Pattern

Lite sizes for the colonial pattern are based on 12 inches for windows and 15 inches for doors. Depending on the size of the window or door, the lite size can be more or less within a few inches. The default number of lites will be used, unless a drawing with the preferred number of lites is provided. Keep in mind, more lites results in more grids hindering the view.

*Colonial Lites and Grids

4W3H = 4-Wide, 3-High (Lites Per Window or Door)

1V2H = 1-Vertical, 2-Horizontal (Grid Bars Per Panel or Glass Unit)

Glass Style

Different properties to fit your needs

Annealed

Annealed glass is strengthened through controlled cooling but is less resistant to impact and thermal stress compared to tempered glass. It finds a balance between strength, affordability, and ease of production.

Tempered

Tempered glass is heat-treated to increase its strength and safety. It shatters into small, less harmful pieces if broken, making it ideal for applications like entrance windows and shower doors. Additionally, **the edges are beveled** and a tempered etching is included on the glass.

Wildfire

Wildfire windows are designed to resist heat and impact. They are made with 2 panes of **tempered and annealed** glass. They're crucial for homes in wildfire-prone areas, offering protection against flames and enhancing safety for occupants.

Specialty Glass



Delta Frost



Obscure (P516)



Glue Chip (Single)



Rain



Reed (Narrow)



Bamboo



Matte



Tinted Glass (Grey)



Tinted Glass (Bronze)

Exterior Color

Two-tone Windows



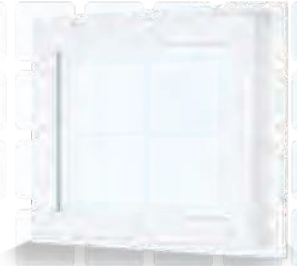
Black (#703)



Dark Bronze (#704)



Brown (#707)



Interior Color
The only option we offer is white



Forest Green (#701)



Brick Red (#702)



Clay (#708)



Grey (#705)



Beige (#706)



Black Foil (Vinyl Color)

Black^{Over}Black

Black over Black is our new window option that has been painted black on both the inside and outside surfaces. **Only offered on Vista Windows and Buena Vista Doors**, this design choice can have several effects on both the aesthetics and functionality of the window. From an aesthetic standpoint, Black over Black windows offer a sleek and modern appearance, creating a bold statement that can complement contemporary architectural styles or add contrast to traditional designs. The uniform black coloration can also enhance the overall visual appeal of a building facade, creating a cohesive look that ties together different architectural elements.



Outside View



Inside View



*Offering not available on the Vista Plus, Valencia, or Magnus series. Also, not offered with exterior foiled products.

Warranty: Factory-applied interior color coating is warranted for a limited period of one (1) year. Normal wear and tear due to friction is not covered.

Energy Efficiency

Inspired Design

LowE³

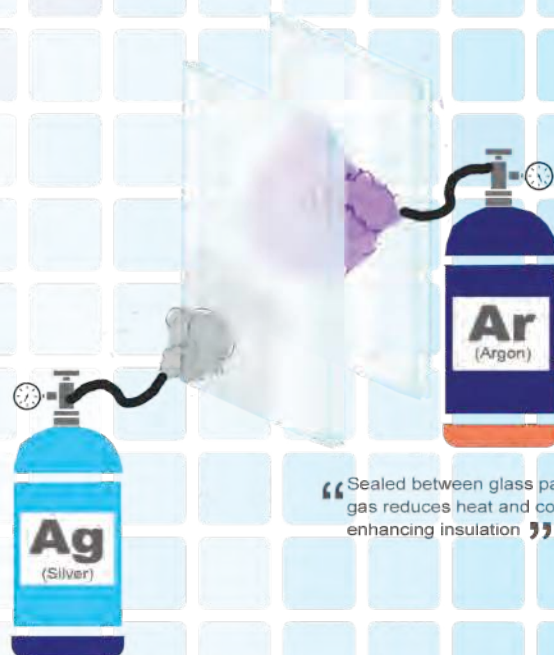
Low Emissivity, 3^d Generation

Low emissivity (low-e) coatings are nearly invisible layers of metallic silver oxide applied to window glass, reducing heat transfer while permitting light passage. **They boost energy efficiency by retaining warmth in cold weather and blocking heat during hot spells**, cutting down on heating and cooling needs. The "3" in "lowe3" signals an advanced generation of low-e technology, promising improved energy efficiency and durability compared to earlier versions.

Argon gas is a popular choice for windows, especially in double-pane setups, due to its excellent insulation.

Sealed between glass panes, Argon gas reduces heat and cold transfer, enhancing insulation.

Argon-filled windows also reduce noise and condensation, creating a quieter and drier indoor environment. Moreover, its inert nature ensures window seal longevity, preventing gas leakage and maintaining performance. Overall, argon gas in windows significantly boosts energy efficiency, durability, and comfort in



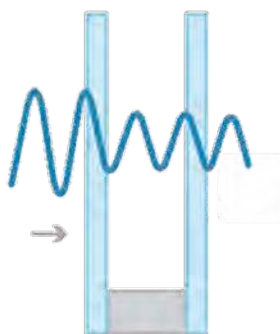
“Sealed between glass panes, Argon gas reduces heat and cold transfer, enhancing insulation”

“Low emissivity (low-e) coatings are nearly invisible layers of metallic silver oxide applied to window glass”

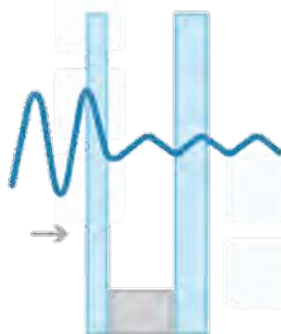
Acoustic Performance

Dissimilar Glass

Acoustic dissimilar glass is used in windows to reduce noise transmission. It consists of two or more glass panes, of **different thickness** bonded with a layer that dampens **sound vibrations**, making it harder for noise to pass through. It's great for urban areas or spaces needing privacy and security.



Dual Pane



Dissimilar

STC Ratings

Series	1/8"	3/16"
Vista PW	STC 35	OITC 29
Vista XO	STC 30	OITC 25
Vista SH	STC 34	OITC 29

*Additional STC ratings available

Performance Grade

Series	PG
Vista HS	PG 20
Vista PW	PG 25
Vista SH	PG 30

Window Screens

Complimentary, Easy to Remove

Every window comes with a fiberglass mesh screen included. Fiberglass screen mesh is lightweight, durable, and resistant to corrosion. Coated with PVC for added durability and UV resistance, it provides effective insect protection while allowing airflow and maintaining visibility. It's a popular choice for windows due to its affordability, ease of installation, and low maintenance requirements. We include 2 square corner pulls for ease of removal.



Square Corner Pull



NFRC Certified

National Fenestration Rating Council



U-Factor

The U-factor in windows measures insulation effectiveness, with lower values indicating better heat retention. Factors like glass type, frame material, and window orientation affect it. Lower U-factors mean less energy usage, lower bills, and improved comfort by reducing heat loss or gain.

Solar Heat Gain Coefficient

The Solar Heat Gain Coefficient (SHGC) measures how much solar heat a window allows into a building. Lower SHGC values mean less heat enters. Factors like glass type, coatings, and shading affect SHGC. Lower SHGC reduces cooling needs, improves comfort, and helps meet energy codes in hot climates.

U-Factor
Ideal Range
0.10 - 2.00

Visible Transmittance
Ideal Range
0.00 - 1.00

 Crystal Pacific Window & Door Systems Vista Single Hung Window Vinyl Frame Double Glazing (DS-3/16)-Argon-LoE ¹ -366™ CPW-M-3-00337-00001	
ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P) 0.29	Solar Heat Gain Coefficient 0.22
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance 0.51	Air Leakage (U.S./I-P) ≤0.3
Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information. www.nfrc.org	

NFRC Label

Solar Heat Gain Coefficient (SHGC)
Ideal Range
0.00 - 1.00

Air Leakage
Ideal Range
≤.03

Visible Transmittance

Visible transmittance (VT) measures how much visible light passes through a window. Higher VT means more natural light and better visibility. Factors like glass type, coatings, and window design affect VT. It's important for daylighting, energy efficiency, and creating comfortable indoor spaces.

Air Leakage

Air leakage in windows is when air seeps through gaps or poorly sealed areas. It leads to drafts, inconsistent temperatures, and higher energy bills. Factors like window design, installation quality, and frame materials influence air leakage. Addressing it improves energy efficiency, indoor comfort, and reduces maintenance needs.

NAMI Certified

National Accreditation and Management Institute



"NAMI" refers to the National Accreditation and Management Institute (NAMI). This organization provides certification and accreditation services for manufacturers of windows and doors, ensuring that they meet industry standards for quality, performance, and safety. NAMI certification can help Crystal consumers identify products that have undergone rigorous testing and evaluation, giving them confidence in the performance and reliability of the windows they purchase.



Gold NAMI Label

Egress and Wild Fire

When Seconds Matter

Egress windows are windows specifically designed to serve as emergency exits from a building in case of fire or other emergencies. Egress requirements are typically outlined in building codes to ensure the safety of building occupants. Below is an example requirement

An opening width of at least 20 inches. An opening height of at least 24 inches. A net clear opening of at least 5.7 square feet if above ground level or 5.0 sq ft when at ground level or lower. A sill no more than 44 inches off the floor

Wildfire windows are essential for protecting homes from the dangers of wildfires. They resist ember intrusion and withstand high heat, reducing the risk of ignition and damage. By complying with building codes and enhancing occupant safety, these windows provide peace of mind and potential insurance benefits



Crystal[®]

WINDOW & DOOR

Crafted with Passion, Built to Perform[™]



At Crystal Pacific, we understand that your home is more than just a structure; it's a reflection of your style, your aspirations, and your dreams. That's why we've dedicated ourselves to crafting windows and doors that not only elevate the aesthetic appeal of your living spaces, but also enhance the functionality and comfort of your everyday life. Join us on a journey where innovation meets tradition, where cutting-edge technology harmonizes with the artisan window craftsman, and where every detail is meticulously curated.

Crystal Pacific Windows and Doors is a leading provider of premium architectural solutions, delivering high-quality windows and doors crafted to elevate both the aesthetic and functionality of any space. Since our Inception in 1990, our mission has been to revolutionize the fenestration industry. Through a commitment to innovation, craftsmanship, and customer satisfaction, we have set the standard in our field. These values remain the cornerstone of our company as we pave the way for the future of architectural solutions

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