

# Buena Vista

By

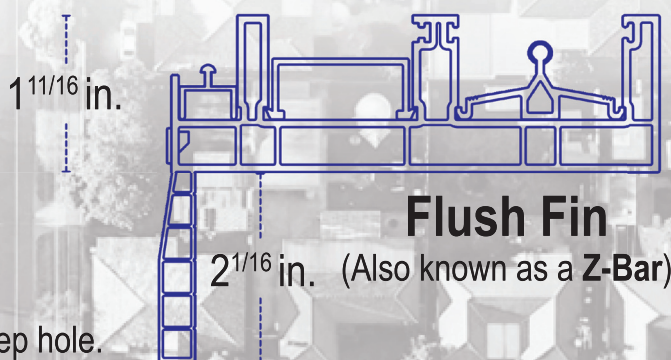
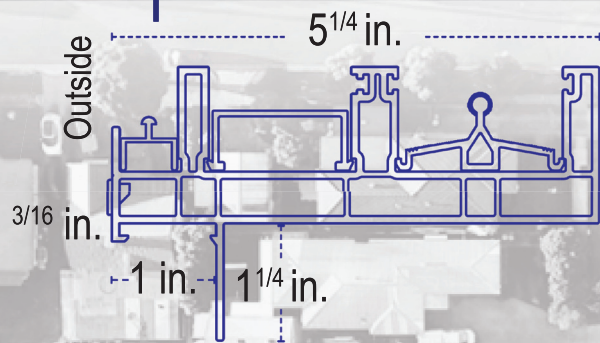
**Crystal**<sup>®</sup>  
WINDOW & DOOR

# The Perfect Sliding Glass Door

Imagine a space where the boundaries between indoors and outdoors dissolve into a seamless blend of natural beauty and contemporary design. With Crystal Pacific's Buena Vista Sliding Glass Doors, this vision becomes a reality.



## Nail and Flush Fin Frame and Sill Cross Sections



### Flush Fin

(Also known as a Z-Bar)

Shown with 4 sided z-bar, monorail track, and weep hole.

**Optional:** Add the 4<sup>th</sup> Z-bar. Flush fin (retro) available on all 4-sides. 3-sides is standard.

# Dual Point Lock



Durable lock and keeper engagement with "mushroom" heads

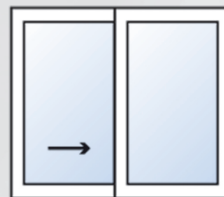


Keeper

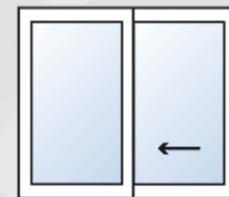


Dual Point Lock

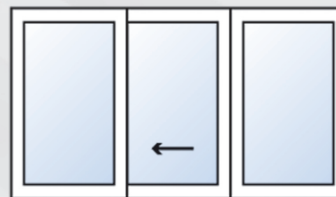
# Choose a Configuration



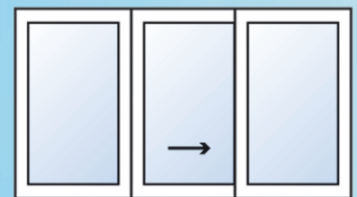
**XO**



**OX**



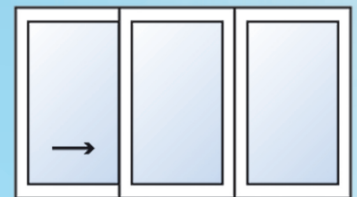
**OXOL**



**OXOL**

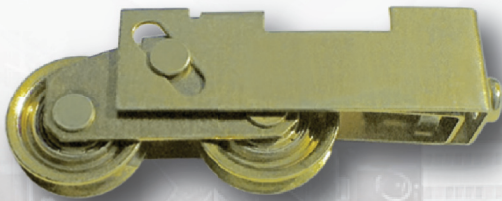


**OOX**



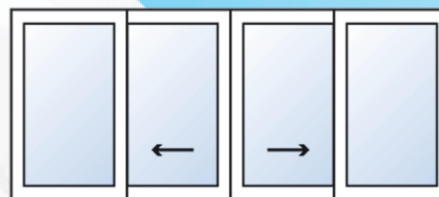
**XOO**

# End-Adjustable Rollers

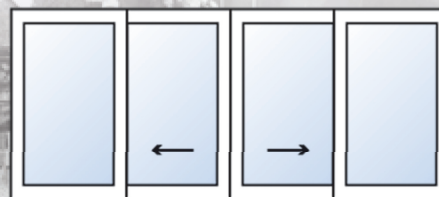


Dual steel rollers glide on a monorail track with a stainless steel cap.

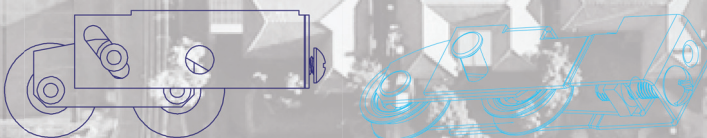
**Optional:** Lock set and rollers in stainless steel



**OXXOL**

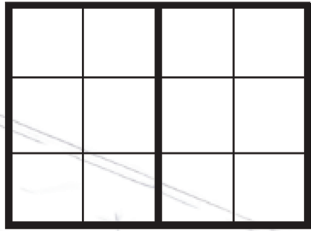


**OXXOR**



# Grids In Between the Glass

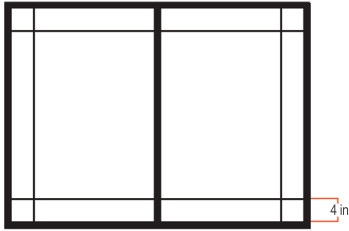
# 4 Pattern Options



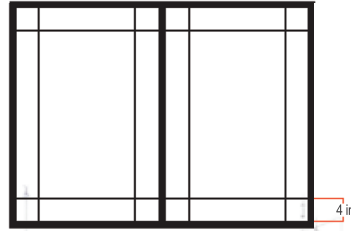
Lites/  
Window  
4W3H\*

Grids/  
Panel  
1V2H\*

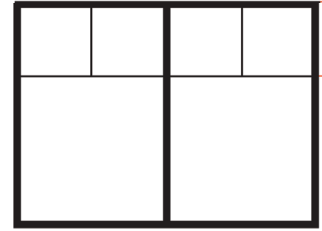
Colonial (Traditional)



Marginal (6-Lite Perimeter)



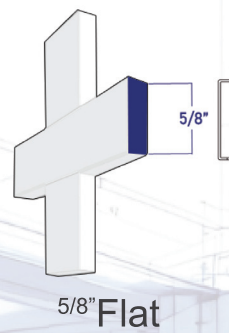
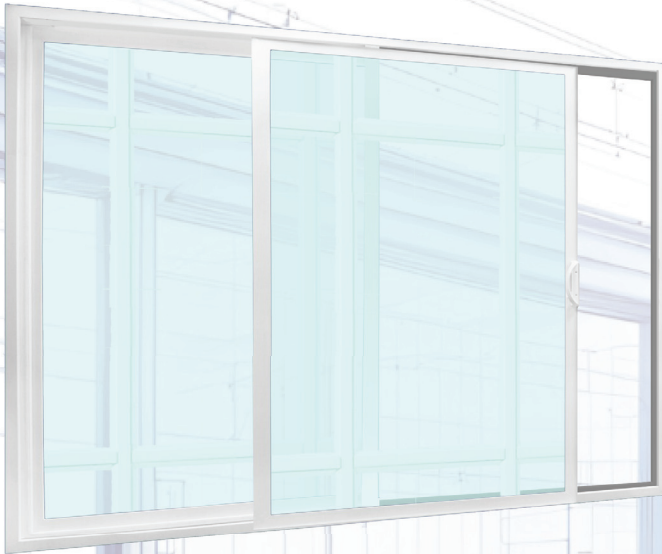
Queen Anne (9-Lite Perimeter)



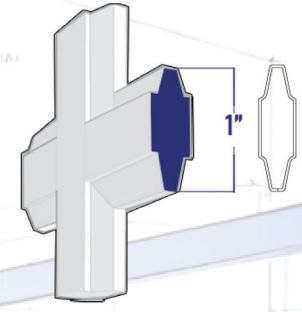
Valance (Top Row)

10 in. standard but can be changed to be no less

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.

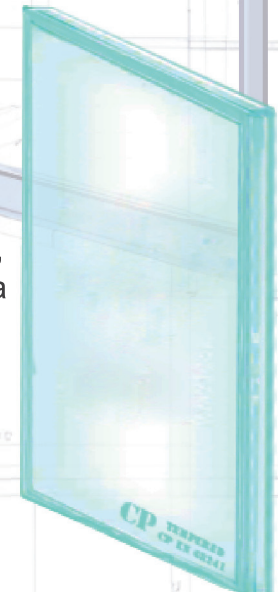
**Valance Pattern**  
Default Valance pattern height is 10 inches from the edge of the glass unit to the bottom of the grid bar. The default will change to the middle of the glass unit if the height of the glass unit is less than 20 inches.

**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 Strength and Clarity: Tempered Glass

Tempered glass is a key feature in sliding glass doors, **offered on all sliding glass doors**, the glass enhances safety and durability. Unlike regular glass, tempered glass undergoes a specialized heat treatment process that makes it significantly stronger and more resistant to impact. This added strength is crucial for sliding glass doors, which are often large and exposed to frequent use. In the rare event that tempered glass does break, it shatters into small, blunt pieces rather than sharp, dangerous shards, reducing the risk of injury. Additionally, the **edges are beveled and a tempered etching is included on the glass**. For these reasons, building codes and safety regulations often require tempered glass in sliding glass doors, ensuring both peace of mind and protection for your home.



# Design Your Perfect View

## Specialty Glass: Find the Perfect Pane for Your Door



Tinted Glass  
(Bronze)



Tinted Glass  
(Grey)

\*More glass styles available. Ask your sales rep for more details.

## Glass That Fits: From Featherlight to Fortified

### **1/8" Tempered Glass: Light and Elegant**

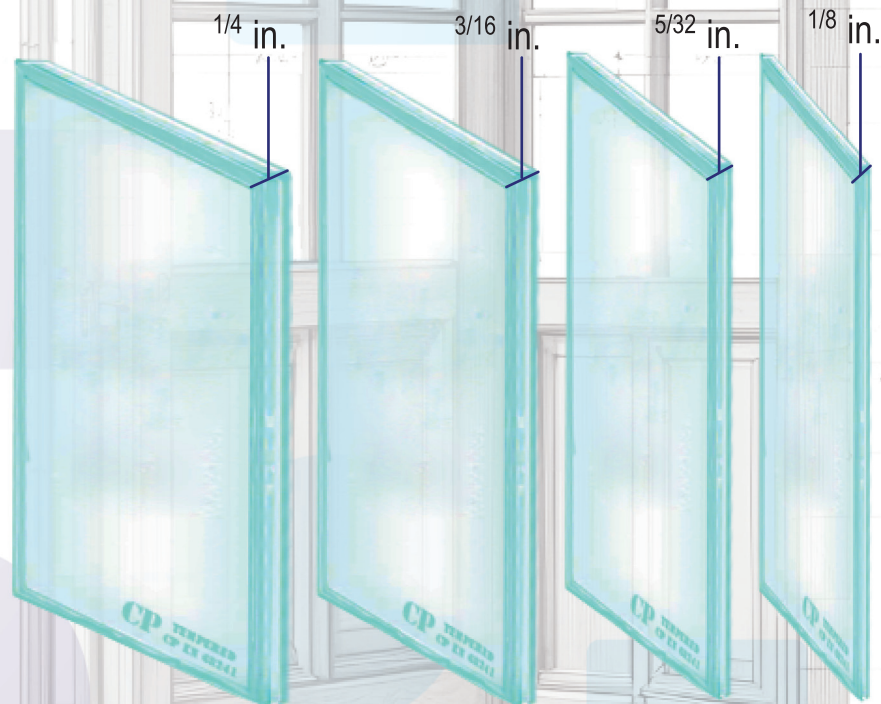
Our 1/8" tempered glass is perfect for those who appreciate a minimalist aesthetic. This thinner option is ideal for smaller windows or interior spaces where a delicate touch is desired. Despite its slender profile, it still provides the durability and safety you expect from tempered glass.

### **5/32" Tempered Glass: The Versatile Choice**

Moving up in thickness, our 5/32" tempered glass strikes a perfect balance between lightness and strength. It's an excellent choice for a variety of residential applications, offering just the right amount of durability for daily use while maintaining a clean and clear appearance.

### **3/16" Tempered Glass: Strength Meets Style**

For those seeking more robust glass, our 3/16" tempered glass offers increased durability without sacrificing style. This thickness is ideal for larger windows or doors that require a bit more strength to withstand frequent use, all while maintaining a sleek and stylish look.

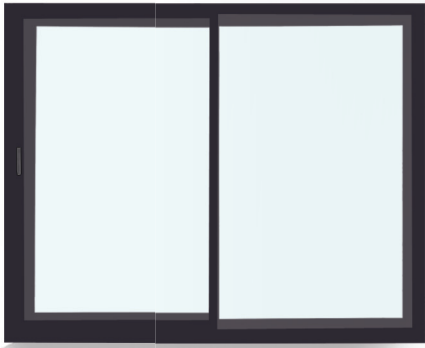


### **1/4" Tempered Glass: Heavy-Duty Protection**

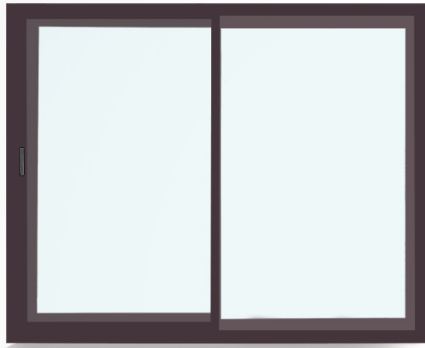
At the top of our range, the 1/4" tempered glass provides maximum strength and impact resistance. This option is perfect for demanding applications where safety and durability are paramount, such as commercial spaces or large, expansive windows and doors. Even with its heavy-duty nature, it still delivers a modern, sophisticated appearance.

# CrystalCoat™

Exterior Color:  
Two Tones, One Stunning Look



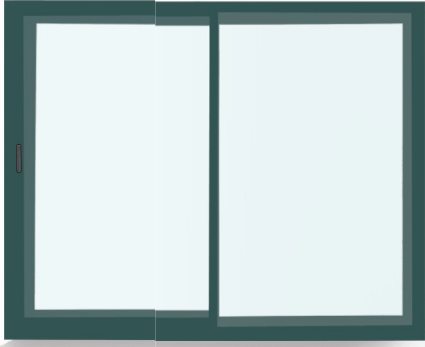
Black (#703)



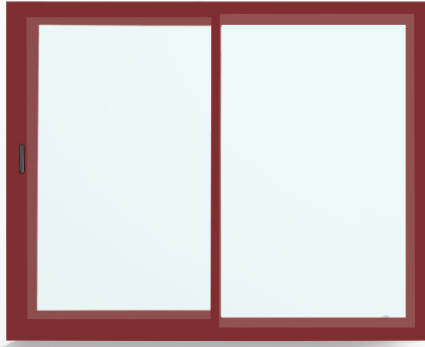
Dark Bronze (#704)



Brown (#707)



Forest Green (#701)



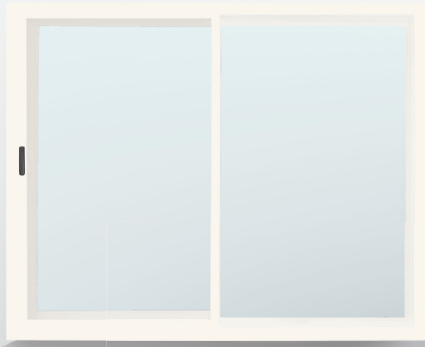
Brick Red (#702)



Clay (#708)



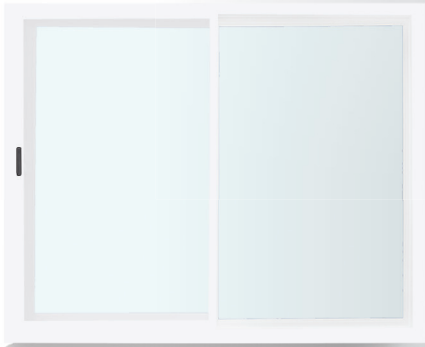
Grey (#705)



Beige (#706)



Black Foil (Vinyl Color)



Standard White (#700)

## Black <sup>Over</sup> Black



GET YOUR DOORS  
**Painted**

**BLACK ON THE OUTSIDE  
AND INSIDE!**

### Interior Color

The only option we offer is standard white, **EXCEPT** when you select our new **Black Over Black** paint option.

\*Available only on all Vista line products, Buena Vista Doors, Vista Plus casements and awnings.

# Energy Efficiency Inspired Design

## LowE<sup>3</sup> - Low Emissivity of the 3<sup>rd</sup> 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. **This boosts energy efficiency by retaining warmth in cold weather and blocking heat in hot spells**, cutting down on heating and cooling needs. The "3" in "LowE3" means the third generation of low-E technology, promising improved energy efficiency and durability compared to earlier versions.

Argon gas is a popular choice for doors, 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 environment. Moreover, its inert nature ensures window seal longevity, preventing gas leakage and maintaining performance. Overall, Argon gas in doors significantly boosts energy efficiency.

## Acoustic Performance Dissimilar Glass

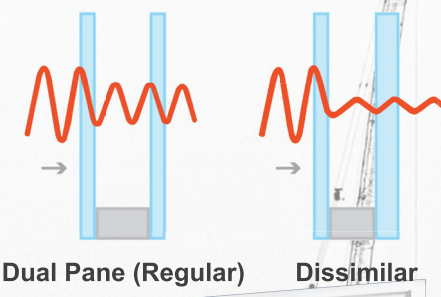
Acoustic dissimilar glass is used in windows to reduce noise transmission. It consists of **two or more glass panes, of different thickness** bonded with a layer that dampens **sound vibrations**, making it harder for noise to pass through. It's great for urban areas or spaces



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



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



## NFRC Certified

### National Fenestration Rating Counsel

#### 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 the heat loss gain.

Ideal Range: 0.10 - 2.00

#### 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 day lighting, energy efficiency, and creating comfortable indoor spaces.

Ideal Range: 0.00 - 1.00

 <b>Crystal Pacific Window &amp; Door Systems</b> Vista PLUS Single Hung Window Vinyl Frame Double Glazing (DS-3/16)-Argon-LoE <sup>3</sup> -366™ CPW-M-3-00337-00001	
<b>ENERGY PERFORMANCE RATINGS</b>	
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
<b>0.29</b>	<b>0.22</b>
<b>ADDITIONAL PERFORMANCE RATINGS</b>	
Visible Transmittance	Air Leakage (U.S./I-P)
<b>0.51</b>	<b>≤0.3</b>
<small>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. <a href="http://www.nfrc.org">www.nfrc.org</a></small>	

#### Air Leakage

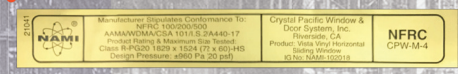
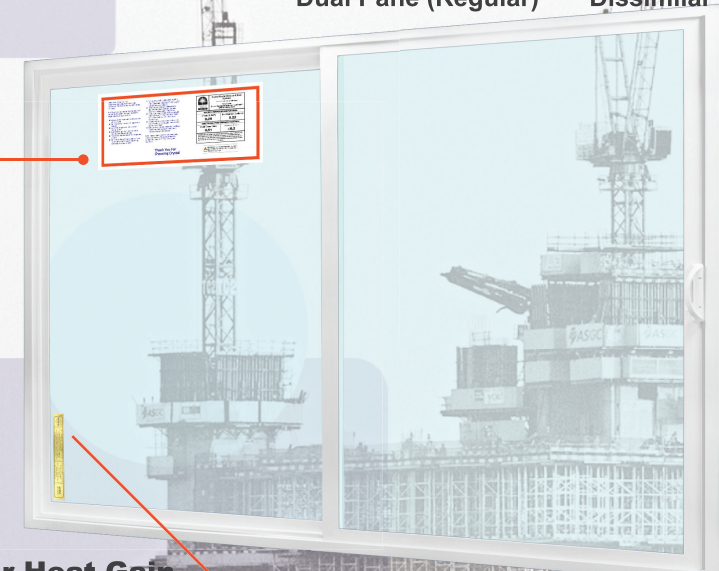
Air leakage in windows happens when air seeps through gaps of poorly sealed areas. It leads to drafts, inconsistent temperatures, and higher energy bills. Factors like window design, installation quality, and frame materials influence air leakage. Addressing it improves energy efficiency and reduces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

Ideal Range: ≤ 0.3

#### Solar Heat Gain Coefficient

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

Ideal Range: 0.00 - 1.00



## 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 customers identify products that have undergone rigorous testing and evaluation, giving them confidence in their purchase.



# Crystal<sup>®</sup>

WINDOW & DOOR

Crafted with Passion, Built to Perform™



**A**t 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.

**C**rystal 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

| Crystal Pacific Window & Door Systems | [www.cpwds.com](http://www.cpwds.com) | [sales@cpwds.com](mailto:sales@cpwds.com) |



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