



## **Engineering and** Craftsmanship

We've been designing European-inspired windows and doors for over 30 years, catering to custom luxury residential and commercial projects.

Our dedicated team of engineers focuses on innovation and excellence, delivering industry-leading, premiumgrade products.

## **Extrusions and** Hardware

We source only the finest materials from the leading suppliers around the world. Products are made from abundantly available, highly recyclable, and sustainable materials.

Our hardware is designed in-house and features patented innovations, guaranteeing exceptional product fidelity and performance.



## Bespoke and **Innovative**

Choose from over 80 state-of-the-art products, including sliding, folding, stacking, swinging, and pivoting options, all customizable to your exact specifications.

We offer select premium features such as automation, smart home integration, biometric smart locks, smart glass technology, and much more.

### Tailored and **Reliable Support**

An experienced team is just a call or a click away. So whether you need onsite support, a replacement part, or guidance over the phone, we're committed to resolving the issue quickly.

You can count on our exceptional customer support backed by a 10-year Warranty. Enjoy your windows, your doors, and your peace of mind.







# Lift & Slide Doors



## Highlights

Panda's Lift & Slide doors represent the best-in-class systems on the market. We offer the largest selection of lift and slide doors, the industry's only fully automated lift and slide, and the highest weather and tamper resistance ratings.

#### **Dazzling Sizes**

Can soar to an incredible 12 feet in height or 9 feet in width and are only limited by the maximum surface area of the glass. Frame widths have no limits.

#### **Effortless Operation**

Non-corrosive rolling hardware ensures silky smooth operation with just the push of a finger, even with exceptionally heavy panels.

#### **Maximum Security**

Feature a concealed multi-point locking system, with panels that rest securely on the ground, delivering maximum security and weather resistance.

#### **Peak Performance**

Industry-leading structural ratings and energy efficiency to meet the most stringent commercial and residential building codes.



#### Highlights at a Glance

Max. Panel Height 144"

Max. Panel Width 108"

Max. Frame Width Unlimited

Max. # of Panels

5 Single Direction or 10 Bipart
Unlimited on Recessed Tracks

ADA-Rated Options Available





# Multi-Slide Doors



## Highlights

Panda's Multi-Slide doors are the perfect choice for exceptionally large spaces or views that can't be compromised. Systems can be tailored for every climate and configuration, and panels can smoothly slide into hidden pockets.

#### **Performance**

Panda's multi-slides are available in a variety of thermal efficiencies, structural ratings, and impact resistance to meet the most stringent commercial and residential building codes.

#### Configurations

Choose from straight, split-height (FlexCounter), zero-post corner, and radius configurations, available in bi-part, pocketing, and non-pocketing options.

#### **Effortless Operation**

Industry-leading non-corrosive rolling hardware ensures silky smooth one-hand operation, even with exceptionally heavy panels.

#### **Product Lines**

Panda offers multi-slides at three price points: the budget-friendly PandaSelect line, the core product line, and the high-end XO Slim-Line—premium quality for every budget.



#### Highlights at a Glance

Max. Panel Height 144"

Max. Panel Width 60"

Max. Frame Width Unlimited

Max. # of Panels

5 Single Direction or 10 Bipart
Unlimited on Recessed Tracks

AAMA-Rated Options Available

ADA-Compliant Options Available





# Hinged Doors



# Highlights

Panda's Hinged Doors boast multi-point locking for unparalleled security and durability. Doors can reach 12' in height, are offered in single or double swing, and can be paired with any window style.

#### **Maximum Security**

Feature a concealed multi-point locking system with up to five locking points, providing exceptional security and peace of mind.

#### **Matching Profiles**

Hinged doors profiles perfectly match our folding, lift & slide, and multislide systems, offering a seamless and harmonious design.

#### **Threshold**

Select a sleek no-sill threshold, standard surface threshold, or opt for an ADA-compliant threshold, perfect for enhancing accessibility in commercial or residential applications.

#### **Door Designs**

Choose a modern glass-only design or customize your door with grid patterns, muntins, wood cladding, and more to create a design that is uniquely yours.



| Highlights at a Glance   |           |
|--------------------------|-----------|
| Max. Panel Height        | 144"      |
| Max. Panel Width         | 48"       |
| Max. Frame Width         | 96"       |
| Max. # of Panels         | 2         |
| AAMA-Rated Options       | Available |
| Thermally Broken Options | Available |





| Lift & Slide Doors      |                                     |                                     |                                     | Multi-Sli                           | de Doors                            |                                     |                                     | Hinged                              | Doors                    |                          |                          |                      |
|-------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|----------------------|
|                         |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                      |
| Model                   | LS.30                               | LTS.30                              | LWS.31                              | LWTS.31                             | \$.30                               | TS.30                               | WS.31                               | WTS.31                              | FDS.30                   | FDTS.30                  | FDWS.31                  | FDWTS.               |
| Material                | Aluminum                            | Aluminum                            | Aluminum<br>Wood Clad               | Aluminum<br>Wood Clad               | Aluminum                            | Aluminum                            | Aluminum<br>Wood Clad               | Aluminum<br>Wood Clad               | Aluminum                 | Aluminum                 | Aluminum<br>Wood Clad    | Aluminui<br>Wood Cla |
| Thermally<br>Broken     | -                                   | Yes                                 | -                                   | Yes                                 | -                                   | Yes                                 | -                                   | Yes                                 |                          | Yes                      |                          | Yes                  |
| Style                   | Modern                              | Modern                              | Modern to<br>Traditional            | Modern to<br>Traditional            | Modern                              | Modern                              | Modern to<br>Traditional            | Modern to<br>Traditional            | Modern                   | Modern                   | Modern to<br>Traditional | Modern<br>Tradition  |
| In-Stock<br>Wood        | -                                   | -                                   | Pine and<br>Poplar                  | Pine and<br>Poplar                  | -                                   | -                                   | Pine and<br>Poplar                  | Pine and<br>Poplar                  | -                        | ÷=                       | Pine and<br>Poplar       | Pine and<br>Poplar   |
| Maximum<br>Panel Height | 144"                                | 144"                                | 120"                                | 120"                                | 144"                                | 144"                                | 120"                                | 120"                                | 144"                     | 144"                     | 120"                     | 120"                 |
| Maximum<br>Panel Width  | 108"                                | 108"                                | 108"                                | 108"                                | 60"                                 | 60"                                 | 60"                                 | 60"                                 | 48"                      | 48"                      | 48"                      | 48"                  |
| Maximum<br>Frame Width  | Unlimited                           | 96"                      | 96"                      | 96"                      | 96"                  |
| Maximum<br>Panel Weight | 880 lbs                             | 880 lbs                             | 880 lbs                             | 880 lbs                             | 600 lbs                             | 600 lbs                             | 600 lbs                             | 600 lbs                             | 400 lbs                  | 400 lbs                  | 400 lbs                  | 400 lb               |
| Maximum<br>Panel Count  | 5 Surface*<br>Unlimited<br>Recessed | 2                        | 2                        | 2                        | 2                    |
| Panel Depth             | 2 3/8"                              | 2 3/8"                              | 2 3/8"                              | 2 3/8"                              | 2 3/8"                              | 2 3/8"                              | 2 3/8"                              | 2 3/8"                              | 2 3/8"                   | 2 3/8"                   | 2 <sup>3</sup> /8"       | 2 3/8"               |
| Interlock<br>Thickness  | 3 3/16"                             | 33/16"                              | 33/16"                              | 3 3/16"                             | 3 3/16"                             | 3 3/16"                             | 3 3/16"                             | 3 3/16"                             | -                        | ·-                       | -                        | -                    |
| Stile and Rail          | 21/16"                              | 21/16"                              | 21/16"                              | 1 7/8"                              | 3 3/16"                             | 3 3/16"                             | 3 3/16"                             | 3 3/16"                             | 2 1/16"                  | 2 1/16"                  | 21/16"                   | 2 1/16"              |
| Lock Type               | Concealed<br>Multi-Point            | Concealed<br>Multi-Point            | Concealed<br>Multi-Point            | Concealed<br>Multi-Point            | Concealed<br>Two-Point              | Concealed<br>Two-Point              | Concealed<br>Two-Point              | Concealed<br>Two-Point              | Concealed<br>Multi-Point | Concealed<br>Multi-Point | Concealed<br>Multi-Point | Conceal<br>Multi-Po  |
| U-Factor†               | 0.52                                | 0.45                                | 0.37                                | 0.32                                | 0.52                                | 0.45                                | 0.37                                | 0.32                                | -                        | 0.42                     | -                        | -:                   |
| SHGC                    | 0.22                                | 0.21                                | 0.22                                | 0.21                                | 0.22                                | 0.21                                | 0.22                                | 0.21                                | -                        | 0.20                     | 9=0                      | -                    |
| Screen<br>Options       | Retractable,<br>Sliding             | -                        | -                        | -                        | (-)                  |

 $<sup>\</sup>star$  Surface tracks can accommodate 5 panels in one direction, or 10 panels total for bi-parting systems (5 in each direction).

<sup>†</sup> U-Factors are based on Cardinal 366 Low-E glass unless stated otherwise.



#### **Lift & Slide Exclusive**







Satin Chrome Black 9005



Satin Chrome Black 9005

#### Multi-Slide Exclusive



Black White
Satin Chrome Oil-Rubbed Bronze

Optional key cylinder add-on available.







| recessed handle |       |
|-----------------|-------|
| Silver          | White |
| Brown           | Black |



Powder Coated to Match



#### **Hinged Exclusive**



Dark Bronze

Black

White









Matte Black

White







Offset Round Ladder Pull Chrome Black

#### **Hinged Access Points**



Deadbolt Satin Chrome Black









#### **Hinged Hardware**



#### Concealed Drop Seal (Single Doors)

This is a high-performance drop seal designed for exterior doors made of wood, metal, or PVC, offering driving rain protection (7A/9A, ift certified), sound absorption up to 52 dB, and adjustable sealing movements in three directions. It also comes equipped with a durable silicone lip, compatibility with doors as thin as 68 mm, and an easy-to-use shortening set.



#### Concealed Drop Seal (Double Doors)

This discreet solution offers unmatched acoustic insulation, reducing noise pollution by up to 48 dB. Its smooth, silent operation and automatic floor compensation ensure a seamless user experience, while its durable silicone lip provides long-lasting protection.



#### **Automated External Closer**

Engineered to handle heavy-duty doors, it offers precise control over closing and latching speeds, ensuring smooth and secure operation. With its customizable features, including adjustable back check and versatile installation options, this closer is the ideal choice for demanding environments.



#### Multi-Point Lock

With its robust steel construction and three-point locking system, this latch lock offers superior protection against intruders. The adjustable roller latch ensures a tight seal, while the Europrofile cylinder with unique key technology adds an extra layer of security. Designed for versatility, this lock is suitable for various door materials and thicknesses. Whether for residential or commercial use, this lock is the ultimate choice for peace of mind.

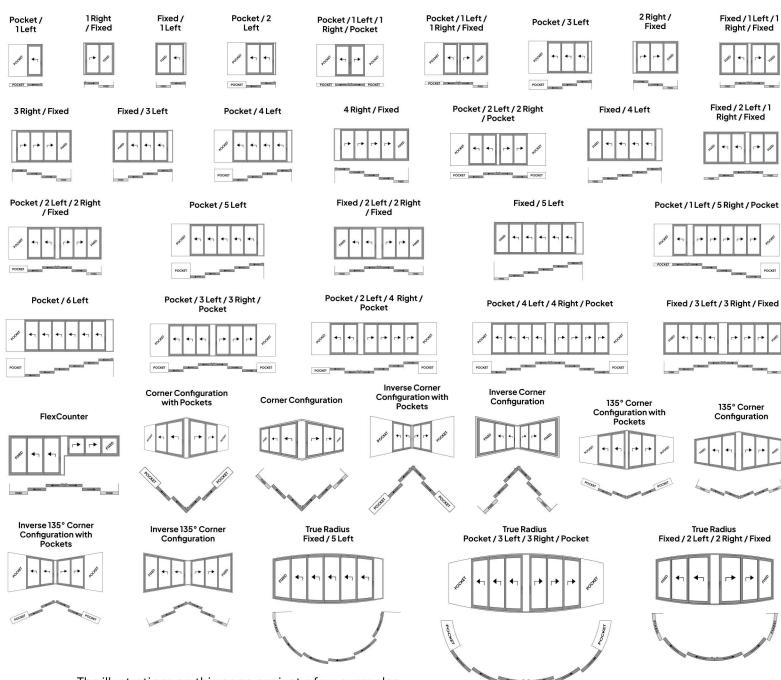
Up to two additional lock points can be installed for increased security.



Three-Point Lock Four-Point Extension



#### **Sliding Door Configurations**



\rightarrow \landarrow \landarrow

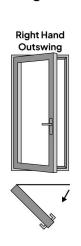
The illustrations on this page are just a few examples of the configurations available for Sliding Doors.

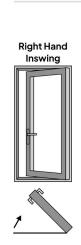
Illustrations viewed from the exterior. Hardware is shown for illustration purposes.



#### **Hinged Door Configurations**

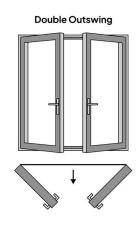






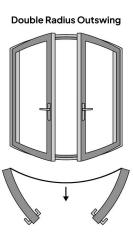








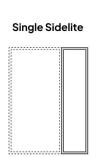


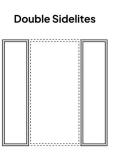




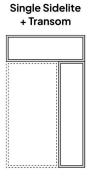


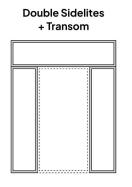
#### **Sidelites & Transoms**

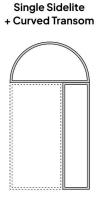


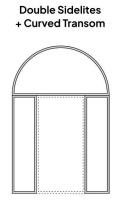






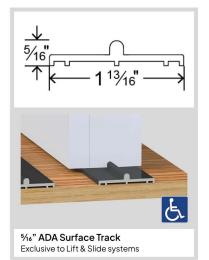


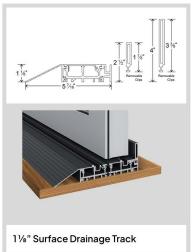


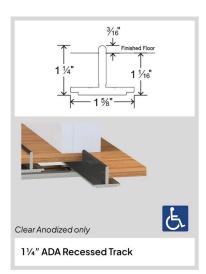




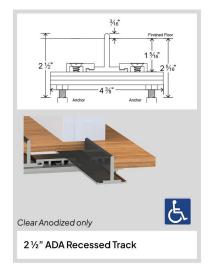
#### **Sliding Door Tracks**



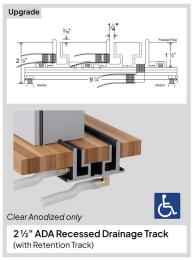












#### **Track Color Options**







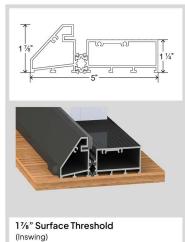
Dark Bronze Anodized

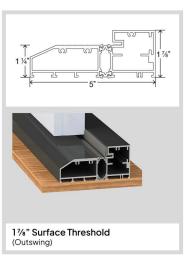


#### **Hinged Door Thresholds**



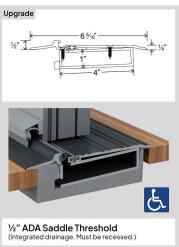












#### **Threshold Color Options**





Dark Bronze Anodized



#### Standard Automation



Our doors seamlessly integrate with advanced automation systems, providing effortless operation and a seamless transition between indoor and outdoor living spaces.

With the touch of a button, effortlessly glide these expansive doors open to create a spacious and inviting atmosphere.

Our reliable and innovative technology ensures smooth and quiet operation, enhancing both convenience and the overall aesthetic appeal of your home.

All PandaSelect Lift & Slide and Multi-Slide systems can be automated.

#### **SmartSlide Automation**

The SmartSlide system comes with a factory-installed motor seamlessly integrated into the side jamb, simplifying installation and eliminating the need for complex framing or access panels.

Designed for convenience, SmartSlide offers versatile control options, maintains full reveal dimensions, and allows easy motor access directly from the side jamb for maintenance.

Exclusive to PandaSelect Multi-Slide systems featuring three or more panels, and accommodating panel sizes up to 12 feet tall and 9 feet wide.



**Motor Exposed** 



**Motor Hidden** 





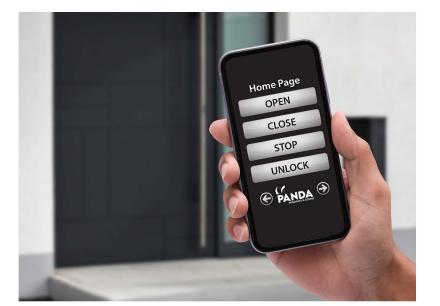
9-in-1 Touchscreen

**9-in-1 Touchscreen:** Offers a user-friendly interface with features like timer functions, custom backlighting, and custom security settings.

**Smartphone App:** Control your systems via the intuitive app. Available on both iOS and Android platforms.

**Voice Command:** Control your automated doors with your smart home ecosystem by using voice commands through platforms like Google Home, Alexa, and Siri.

**Wall Switch:** Control your doors with wall switches, offering features like self-close, auto-open, speed control, and security codes. Available in black or white.



**Smartphone App** 

**Remote Fob:** Enjoy the convenience of remote control for your systems with a range of up to 75 feet.

**Fingerprint Scanner:** Enhance security and convenience with biometric access control.

**Exterior Keypad:** This durable and weatherproof keypad provides secure exterior access with a user-defined code.

**Motion Sensor:** This exterior motion sensor, mounted on the lead panel, offers hands-free entry and provides an added layer of safety. Can be activated by motion (head track) or by approaching the system (flush mount).



### Tailored to You

At Panda Windows and Doors, we understand that every project is unique. Our commitment to customization extends beyond standard product offerings to encompass project-specific testing and engineering.

Whether you're facing the relentless winds of a coastal region or the extreme temperature fluctuations of a high-altitude environment, our team can design and test systems to meet your exact needs.

#### **Engineered Solutions**

By leveraging advanced engineering techniques and rigorous testing protocols, we ensure that our products deliver optimal performance in even the most demanding conditions.

### **Test Results**

Panda Windows and Doors prioritizes rigorous testing and certification, with nearly all products independently verified by the NFRC and AAMA, including six HVHZ-approved options. This commitment to quality ensures superior performance, energy efficiency, and security for homeowners and builders alike.

#### LTS.30 PandaSelect All Aluminum Thermally Broken Lift & Slide

#### AAMA/WDMA/CSA101/I.S.2/A440-17

| Performance Grade            | 55 LC; 30 CW              |
|------------------------------|---------------------------|
| Design Pressure (LC)         | ±2880 Pa (±60 psf)        |
| Design Pressure (CW)         | <b>±1436 Pa</b> (±30 psf) |
| Air Infiltration             | <0.1L/s/m² (0.15 cfm/ft²) |
| Water Penetration Resistance | <b>400 Pa</b> (8.35 psf)  |
| Structural Test Pressure     | ±4320 Pa (±90.23 psf)     |

#### LWTS.31 PandaSelect Aluminum / Wood Clad Thermally Broken Lift & Slide

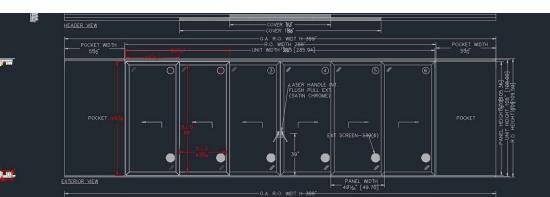
#### AAMA/WDMA/CSA101/I.S.2/A440-17

| Performance Grade            | 40                           |
|------------------------------|------------------------------|
| Design Pressure              | ±2160 Pa (±45.11 psf)        |
| AirInfiltration              | <b>±1436 Pa</b> (±30 psf)    |
| Water Penetration Resistance | <b>510 Pa</b> (10.65 psf)    |
| Structural Test Pressure     | <b>±2880 Pa</b> (±60.15 psf) |
| Florida Approval Number      | -                            |

#### FDTS.30 All Aluminum Thermally Broken Hinged Door (Outswing / Inswing)

#### AAMA / WDMA / CSA 101 / I.S.2 / A440-17

| Performance Grade            | 40/15                                 |
|------------------------------|---------------------------------------|
| Design Pressure              | <b>±2880 Pa</b> (±60.15 psf)          |
| Air Infiltration             | <0.1L/s/m² (0.02 / 0.16 cfm/ft²)      |
| Water Penetration Resistance | <b>290 / 140 Pa</b> (6.06 / 2.92 psf) |
| Structural Test Pressure     | <b>4320 Pa</b> (±90.23 psf)           |
| Florida Approval Number      | -                                     |



## Glass

All PandaSelect Systems come standard with Dual glazed, Low-E, Tempered glass for improved energy efficiency and security.

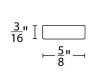
Additional glass options include:

- Low-E
- Triple-Glazed
- Tempered
- Gas Filled
- Obscured
- Laminated

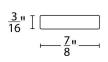
- Impact Resistant

#### Standard Glass Thicknesses

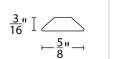
#### **SDL Shapes**



Flat - Narrow

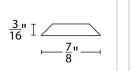


Flat - Wide

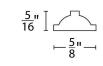


Putty - Narrow

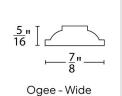
Putty - Wide

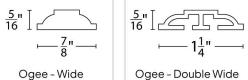


Bevel



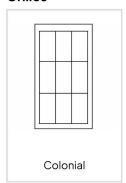
Ogee - Narrow

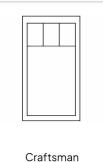


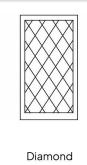


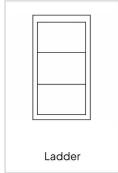
Consult with your Panda representative for SDL compatibility.

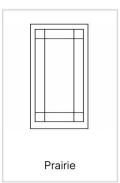
#### **Grilles**















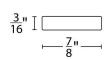
Spandrel

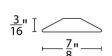
Switchable Glass



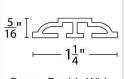
Other glass OA sizes available upon request











## **Materials**

## Unparalleled quality matched with incredible durability

All products are made with abundantly available, highly recyclable, and sustainable materials - Aluminum, Steel, Stainless Steel, Bronze, and Wood.

#### **Aluminum**

A highly versatile material capable of a wide range of shapes and finishes

- Affordable and low-maintenance
- · Thermally broken and energy efficient
- Durable and highly customizable
- Superior thermal efficiency



#### Steel

Sleek and incredibly thin profiles that deliver unmatched durability and timeless elegance

- $\bullet \ \ \mathsf{Exceptional}\,\mathsf{strength}\,\mathsf{and}\,\mathsf{structural}\,\mathsf{support}$
- Forced entry and fire resistant
- Industrial and contemporary design aesthetic
- Superior thermal efficiency

#### Unavailable for PandaSelect systems.



The luxurious and ultra-modern alternative to steel, providing unparalleled elegance and allure

- $\bullet \ \ \mathsf{Exceptional}\,\mathsf{strength}\,\mathsf{and}\,\mathsf{structural}\,\mathsf{support}$
- Outstanding rust and corrosion resistance
- Forced entry and fire resistant
- Superior thermal efficiency

#### Unavailable for PandaSelect systems.

#### **Architectural Bronze**

A warm and inviting aesthetic with many of the same benefits of steel

- Exceptional strength and structural support
- Durable and low-maintenance
- Unparalleled rust and corrosion resistance
- Energy efficient and thermally broken

#### Unavailable for PandaSelect systems.

#### Wood

Naturally beautiful and full of character without compromising performance

- Durable and highly customizable
- Natural thermal and sound insulation
- Timeless and naturally inviting character
- Sustainable and highly recyclable











## **Finishes**

## Tailored finish options to perfectly suit your climate and vision

These high-quality finishes are designed to provide lasting beauty and robust protection that you can rely on.



#### **Powder Coat**

Choose from five standard AAMA 2604 / 2605 colors or upgrade to a palette of 20 premium colors.

**FEATURED** 













#### **Anodized**

For best-in-class corrosion resistance and durability, ideal for coastal applications.

**FEATURED** 













#### **Kynar Paint**

Renowned for its exceptional color retention and sun-resistance, Kynar Paint stays vibrant even in the harshest climates.

**FEATURED** 













#### Faux Wood

Enjoy the rich texture and natural look of real wood, with the strength and durability of aluminum.

**FEATURED** 













#### Wood

Select from timeless classics like Pine or Poplar, or exotic species like Cherry, Mahogany, Maple, and more.

FEATURED

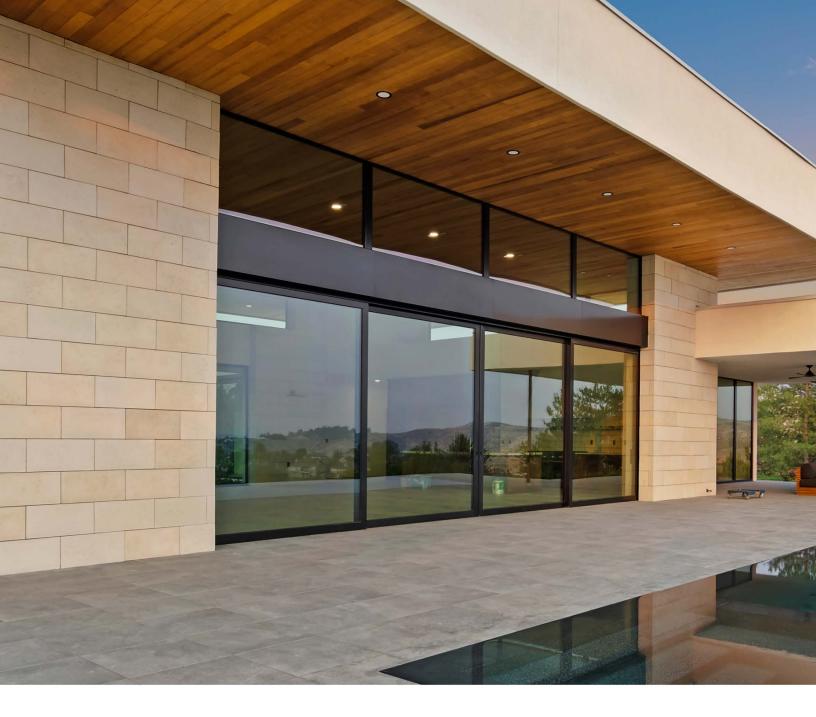














3415 Bellington Road North Las Vegas NV 89030 (888) **246-1651** panda-windows.com info@panda-windows.com









