

# BUCKINGHAM

premium vinyl patio door series



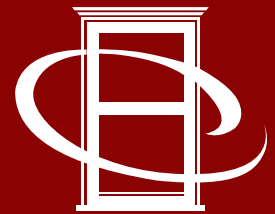
Superior vinyl

Durability

Freedom from wear

Heat/cold resistance

Highest consumer  
satisfaction



IDEAL WINDOW™

*Our name says it all!*

# Features



## Buckingham Premium Vinyl Patio Door

The **Buckingham Patio Door** is manufactured from the most advanced vinyl.

A high-grade resin recipe unmatched for strength and freedom from wear. Offering beauty and performance, it will not rot, rust, pit or blister over long periods of time.

Our multi-chambered, all-vinyl frame is durable and easy to install. Maximized strength withstands high winds and provides superior air tightness.

**Buckingham Patio Doors** are available with the highest quality accessories and upgrades including security, colour and finishing options.

**Our goal is to provide the highest possible level of buyer satisfaction!**

### Vinyl Frame

- 5 7/8 " mechanically fastened vinyl frame
- Components easily installed and replaceable
- 3 weather seals
- Anodized screen track/stainless steel roller track
- 8 degree sill slope for optimal drainage

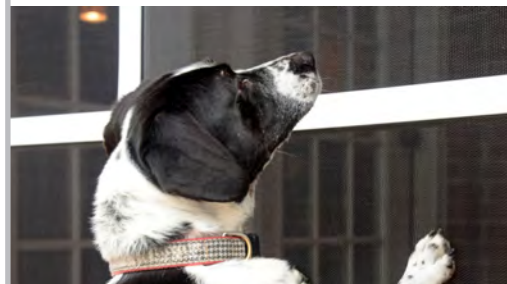
### Durable Sash

- Reinforced with steel to withstand high wind loads
- Double perimeter seal for superior air-tightness
- Doors are easily and completely reversible
- Adjustable tandem ball-bearing rollers
- 1" sealed units for optimal thermal performance

### Optional Screen

Pet-resistant insect screening is tear and puncture resistant to prevent damage by dogs and cats.

Being 7x's stronger than the standard screen, the pet screen is ideal for use in high-traffic areas.



### Optional Sidelites & Transoms

Frame your patio door in outdoor light with a transom or sidelite. The frame is made of PVC, virtually maintenance-free and available in a wide selection of finishes and glass types.

# Hardware & Glass Options

## Standard Hardware

Elite handles with multi-point locking systems come as the standard door hardware in white or black.



## Optional Hardware

**Euro Style Handles:** Upgrade to this unique handle set with integrated keylocks. Available in white, brass, black nickel, or satin nickel. All upgraded Euro handles come with a multi-point locking system.



## Optional Security Locks

**Foot Locks** mount on the bottom of the operating door. Used as secondary lock. Available in white, beige or brown.



**Guardian Top Locks** mount on the top of the operating door; security bolt locks into the frame. Available in white, beige or brown.



**Security Bars** mount on the fixed side of the door frame and swing down to stop the door from operating.



## Optional Internal Mini-Blinds

- Fingertip operation
- No external cords
- No dusting
- Low-E glass
- Limited available sizes

Maximum visibility to complete privacy at the tip of a finger. The lever raises, lowers or tilts the blinds sealed between the insulated glass to ensure maintenance-free operation.

## Glazing

Enhancing the outstanding thermal efficiency is the 1" high-performance glazing found in **Low-E** glass and **Super Spacer®** technology.

*Super Spacer®*



## Optional Decorative Grills

Add an elegant touch to your Buckingham Series patio door with decorative internal grills. These are available in white or two-tone, color matched to the door, and come in either **Flat or Contoured**.



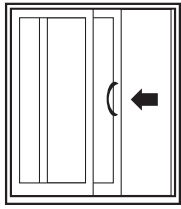
## Optional Exterior Colors

The Buckingham's patio doors boast a wide range of exterior colour options that feature a durable finish that is also UV stable.

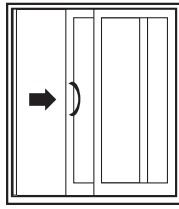


# Specifications

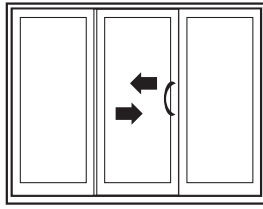
## Dimensions Door/Panel Configurations and Finished Sizes (Exterior view)



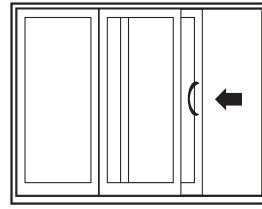
OX-Slide left



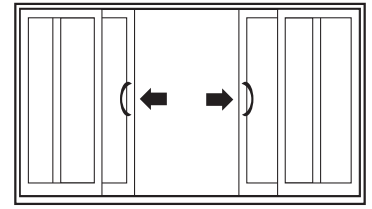
XO-Slide Right



OXO-Slide R to L or  
OZO-Slide L to R



XOO-Slide R or OOX Slide L



OXXO-Slide R and Slide L from Centre

### 2 Panels

58<sup>1</sup>/<sub>2</sub> W x 79<sup>1</sup>/<sub>2</sub> H  
 59<sup>1</sup>/<sub>2</sub> W x 79<sup>1</sup>/<sub>2</sub> H  
 59<sup>1</sup>/<sub>2</sub> W x 81<sup>1</sup>/<sub>2</sub> H  
 59<sup>1</sup>/<sub>2</sub> W x 95<sup>1</sup>/<sub>2</sub> H  
 70<sup>1</sup>/<sub>2</sub> W x 79<sup>1</sup>/<sub>2</sub> H  
 71<sup>1</sup>/<sub>2</sub> W x 79<sup>1</sup>/<sub>2</sub> H  
 71<sup>1</sup>/<sub>2</sub> W x 81<sup>1</sup>/<sub>2</sub> H  
 71<sup>1</sup>/<sub>2</sub> W x 95<sup>1</sup>/<sub>2</sub> H  
 95<sup>1</sup>/<sub>2</sub> W x 79<sup>1</sup>/<sub>2</sub> H  
 95<sup>1</sup>/<sub>2</sub> W x 81<sup>1</sup>/<sub>2</sub> H  
 95<sup>1</sup>/<sub>2</sub> W x 95<sup>1</sup>/<sub>2</sub> H

### 3 Panels

88<sup>3</sup>/<sub>4</sub> W x 79<sup>1</sup>/<sub>2</sub> H  
 88<sup>3</sup>/<sub>4</sub> W x 81<sup>1</sup>/<sub>2</sub> H  
 88<sup>3</sup>/<sub>4</sub> W x 95<sup>1</sup>/<sub>2</sub> H  
 106<sup>3</sup>/<sub>4</sub> W x 79<sup>1</sup>/<sub>2</sub> H  
 106<sup>3</sup>/<sub>4</sub> W x 81<sup>1</sup>/<sub>2</sub> H  
 106<sup>3</sup>/<sub>4</sub> W x 95<sup>1</sup>/<sub>2</sub> H  
 142<sup>3</sup>/<sub>4</sub> W x 79<sup>1</sup>/<sub>2</sub> H  
 142<sup>3</sup>/<sub>4</sub> W x 81<sup>1</sup>/<sub>2</sub> H  
 142<sup>3</sup>/<sub>4</sub> W x 95<sup>1</sup>/<sub>2</sub> H

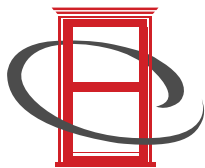
### 4 Panels

117<sup>1</sup>/<sub>8</sub> W x 79<sup>1</sup>/<sub>2</sub> H  
 117<sup>1</sup>/<sub>8</sub> W x 81<sup>1</sup>/<sub>2</sub> H  
 117<sup>1</sup>/<sub>8</sub> W x 95<sup>1</sup>/<sub>2</sub> H  
 141<sup>1</sup>/<sub>8</sub> W x 79<sup>1</sup>/<sub>2</sub> H  
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 189<sup>1</sup>/<sub>8</sub> W x 79<sup>1</sup>/<sub>2</sub> H  
 189<sup>1</sup>/<sub>8</sub> W x 81<sup>1</sup>/<sub>2</sub> H  
 189<sup>1</sup>/<sub>8</sub> W x 95<sup>1</sup>/<sub>2</sub> H

## Performance Buckingham Premium Patio Doors meet standards AAMA/WDMA/CSA 101/1.S.2/A440-11 and CSA A440S1-09

Configuration	Performance Class and Grade	Air Leakage	Water Penetration Resistance	Design Pressure
OX / XO	LC-PG55	A3-0.2 L/s-m <sup>2</sup>	400 Pa (8.4 psf)	±2640 Pa (±55 psf)
OX / XO	LC-PG35	A3-0.4 L/s-m <sup>2</sup>	400 Pa (8.4 psf)	±1680 Pa (±35 psf)
OXO	R-PG50	A3-0.3 L/s-m <sup>2</sup>	360 Pa (7.5 psf)	±2880 Pa (±60 psf)
OXO	LC-PG40	A3-0.3 L/s-m <sup>2</sup>	360 Pa (7.5 psf)	±1920 Pa (±40 psf)
OXXO	LC-PG35	A3-0.5 L/s-m <sup>2</sup>	260 Pa (5.4 psf)	±1680 Pa (±35 psf)

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### Ideal Window™ Mfg.

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