

**Neuma<sup>®</sup> DOORS**



# ROYAL SERIES 2021 COLLECTION **DESIGNED FOR IMPACT**

Double Hinged Full Lite Doors  
Smooth White Finish | LoE366 Glass | 3 Lite SDL



## About Neuma Doors

Neuma Doors stands apart as the industry leader in quality and design innovation. Backed by the strength of Nan Ya Plastics Corp. USA, our vertical integration incorporates comprehensive quality control measures through each step of the production cycle, from the manufacture of raw materials to the final door assembly. Our dedication to production excellence and environmental preservation has been recognized with ISO 9001 and ISO 14001 certifications.

Whether your patio door is the gateway to backyard recreation and relaxation, or a busy access point to your home, Neuma Doors' blend of function and style will provide years of enjoyment with minimal maintenance.

# Neuma Royal Series

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\*\*\* Colors and finishes in this publication are not actual representations.



**Bypass Gliding Door**  
Bronze Paint Finish | LoE366 Glass

# Designed for Impact

As an entry point to your home, it is essential that your patio door provide safety and security as well as protection against incoming weather. Neuma Doors are designed to withstand the impact of extreme weather conditions. Our precision engineered door units protect your home against water infiltration and stand up against extreme heat and cold.

Neuma Doors offers a variety of impact rated door options for added protection. Designed to safeguard people and property, Neuma Impact Doors are built to stay strong during high wind events that can hurl debris at the door. The high impact fiberglass panels with a dense foam core and laminated impact glass work together to keep the effects of extreme weather from penetrating the door. For safety and security, the laminated glass in an impact door contains a cut resistant vinyl interlayer that remains intact and adheres to glass fragments should the glass ever be broken.

# Designed for Visual Impact

Something as simple as a door can have a dramatic Visual Impact on your home. The right door brings out the best qualities in your home and can be the focal point of your indoor-outdoor patio space. Clean lines, rich textures, and tall glass panes provide your home with a strong atmosphere of elegance. Low maintenance fiberglass is easy to clean should you chose to let the standard finish shine and easy to paint or stain, allowing you to add a personal flair.

Extend your living area with a Neuma Patio Door and create a flexible space that accommodates the way you live. Open or closed, you can appreciate expansive, unobstructed views and create a space that is open to the outdoor views and infused with natural light with all Nemua Door systems. Our patio doors are designed with visual impact in mind, offering flush glazed windows, realistic woodgrain patterns, and a wide range of transoms and sidelights. With customization options such as color, lite pattern, and configuration, your door will be a true reflection of your style and leave a lasting impact on all of your guests.



# Designed as a Complete Door System

Neuma Doors, designed as a complete door system, are a smart investment in your home due to the outstanding durability and energy efficiency.

Gliding Full Lite Doors  
Smooth White Finish | LoE366 Glass



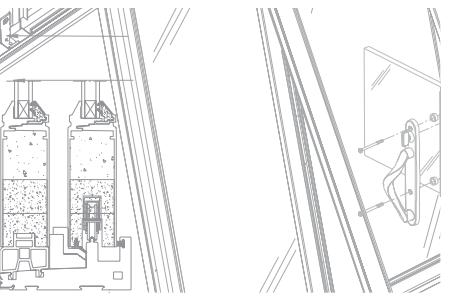
## Weather Guard System

Neuma Door's Weather Guard System is designed to provide the best combination of performance, durability, security and appearance.

Neuma Door Systems are precision engineered to guard against water infiltration. The specially engineered composite material will never absorb water, eliminating the problems commonly associated with wood and metal doors.

Designed with a unique double astragal system, Neuma Doors create a weather-proof barrier that keeps rain and wind from penetrating the seal of the door.

Neuma Doors with an insulating CFC-free foam core and LoE glass, guard against harsh heat and UV rays from the sun, protecting furnishings from fading and helping drive down heating and cooling costs.



### Precision Engineered

Neuma Doors are complete door systems with components purposely designed to work together for optimal performance with lasting durability. The door panel, frame, hardware and weather-stripping all function cohesively to provide superior protection.



### Composite Frame

The composite frame is made of non-porous material that is impervious to penetration by water. The frame will never absorb water, swell, split or rot, minimizing the need for maintenance and extending the life of the door.



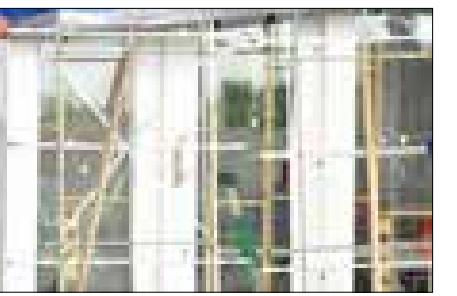
### Factory Assembled

Neuma Doors are meticulously assembled in our state of the art factory by craftsmen with an eye for detail. A factory assembled pre-hung Neuma Door reduces the chance of possible errors in assembly that sometimes occur with a field-assembled door.



### Sturdy Hardware

As a complete system, Neuma Doors include hardware components. From the stainless steel rollers and hinges, integrated flush bolts, to the included handle set in your choice of style and color, each component is built to last.



### Tested as a Complete Unit

Neuma Doors undergo extensive testing. We test the integrity of our entire door system, not only the individual components. This comprehensive testing provides assurance that the entire door system performs to expectations.



### High Quality Fiberglass Door Panels

Thanks to advancements in manufacturing, Neuma fiberglass panels are available in highly realistic wood-grain or smooth texture options that are easy to stain or paint and even easier to maintain.

Constructed from high compression molded fiberglass with full composite stiles and rails, Neuma Door panels are not susceptible to moisture conditions or pest infestations. Unlike doors made from other materials, Neuma Doors will not absorb water, dent or rot; resulting in a reliable option that will look beautiful for years to come.



### Energy Efficient

An ENERGY STAR certified Neuma Door is not only a beautiful addition to your home, but helps save money on heating and cooling costs year-round. Standard LoE366 insulated glass with Argon Gas and an insulating CFC-free foam core provides superior energy performance.



### Flush Glazed Door Panels

The flush glazed system of a Neuma Door offers a clean finished appearance and additional protection against water intrusion. The integrated glazing bead allows the glass to sit flush within the door without an unsightly screwed on glazing frame. The easily removed glazing bead allows replacement of the door glass if needed.

# Designed for Energy Efficiency

## Environmental Responsibility

As part of our ongoing commitment to environmental conservation, Neuma Doors, backed by Nan Ya Plastics Corp. USA, has developed comprehensive programs focused on recycling, reducing carbon emissions and water and energy conservation.

Neuma Doors are manufactured with recycled materials and do not contain any harmful CFC's that damage the Earth's ozone layer.

As the leading manufacturer of energy efficient patio doors, we help reduce home energy use across the country and are a proud partner with the Environmental Protection Agency's ENERGY STAR Program.

ENERGY STAR is an EPA voluntary program that helps businesses and individuals save money and protect our climate through superior energy efficiency. ENERGY STAR certified doors lower energy bills, reduce greenhouse gas emissions from power plants and help keep the indoor environment consistently comfortable.

### Reduce Your Energy Use

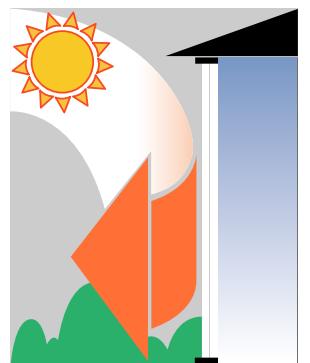
Home energy use accounts for about one-quarter of your carbon footprint. As part of an energy efficient home, ENERGY STAR certified doors help reduce your energy use.

### Stay Warm in the Winter

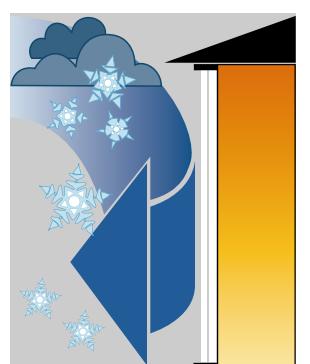
With ENERGY STAR certified Neuma Doors, the interior glass stays warmer, so you can stay warm even when the outside temperature is below freezing.

### Stay Cool in the Summer

ENERGY STAR certified doors help you stay cool on hot summer days. By reducing the "heat gain" into your home without reducing the visible light, you get a bright space without the extra heat.



Reflects the sun's heat & damaging UV rays in **summer**



Keeps the cold weather out and the warm air in during the **winter**

## What makes a Neuma Door Energy Efficient?



■ Northern ■ North-Central ■ South-Central ■ Southern

Neuma Doors meet or exceed the rigorous testing in EPA-recognized laboratories and meet the U-Factor and SHGC (Solar Heat Gain Coefficient) qualifications for Energy Star Certification **EVERYWHERE** in the United States.

| Door          |                       |                           |
|---------------|-----------------------|---------------------------|
| Glazing Level | U-Factor <sup>1</sup> | SHGC <sup>2</sup>         |
| Opaque        | ≤ 0.17                | No Rating                 |
| ≤1/2-Lite     | ≤ 0.25                | ≤ 0.25                    |
| >1/2- Lite    | ≤ 0.30                | Northern<br>North-Central |
|               |                       | Southern<br>South-Central |
|               |                       | ≤ 0.40                    |
|               |                       | ≤ 0.25                    |



1 Insulated energy efficient glass reduces heat flow.

2 Improved CFC-free polyurethane foam core for energy efficient insulation.

3 Precision engineered door system with weather stripping for reduced air leakage.



We believe that doors should be beautiful and durable, protecting your family while maintaining exceptional style. Neuma Doors undergo rigorous testing to help ensure that each door meets our highest standards, meets building code requirements and withstands the test of time without compromising beauty.

Designed to perform well for years to come, Neuma Doors are tested in accordance with the following test standards:

ASTM E 283  
ASTM E 331 / E 547  
ASTM E 330  
ASTM E1886 / E1996  
AAMA 1304  
TAS 201  
TAS 202  
TAS 203  
NFRC 100 / 200 / 500  
ASTM E90 / STC / OITC  
AAMA 920  
AAMA / WDMA / CSA 101 / I.S./A440 (NAFS)

Air infiltration  
Water resistant  
Uniform structural load  
Impact / cycle test  
Forced entry resistance test  
Impact test  
Air / water / structural test  
Wind pressure cycle test  
Energy efficiency  
Sound transmission  
Operating cycle test  
North America fenestration test

## DESIGNED TO LAST

### Impact Options

Designed to protect people and property during violent storms, Neuma's Impact Rated Doors provide the ultimate storm protection for your home and include the following standard features:

- High impact fiberglass panels for strength and durability
- 1" insulated laminated impact glass for extra security and protection against broken glass
- Multi-point lock for added security
- HPVD (High Physical Vapor Deposition) for additional protection in harsh environments

Storm damage can be caused by debris that is picked up and hurled towards your home in high winds. These objects, set on a collision course with your home, can penetrate doors and provide an entry point for water, high winds and additional debris. Our Impact Doors stand up to the harshest conditions and are more resistant to denting than traditional metal doors.

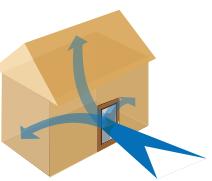
If the glass on a Neuma Impact Door is broken, our standard 1" insulated laminated impact glass maintains its integrity thanks to the vinyl interlayer which remains in the door frame. This vinyl interlayer stays intact and prevents broken glass fragments and additional debris from entering the home. Unlike most other doors on the market, Neuma Doors' unique removable glazing bead allows for glass replacement without the added expense of purchasing an entirely new unit.

Neuma's Impact Rated Doors are certified by the Texas Department of Insurance and Florida Building Code, with HVHZ options available for use in High Velocity Hurricane Zones. Neuma Doors Impact Hinged Inswing and Gliding Doors can withstand windstorm of over 145 mph and our Hinged Outswing can withstand windstorm as high as 170 mph. (AAMA / NWWDA / CAS101 / I.S. 2 / A440-8)

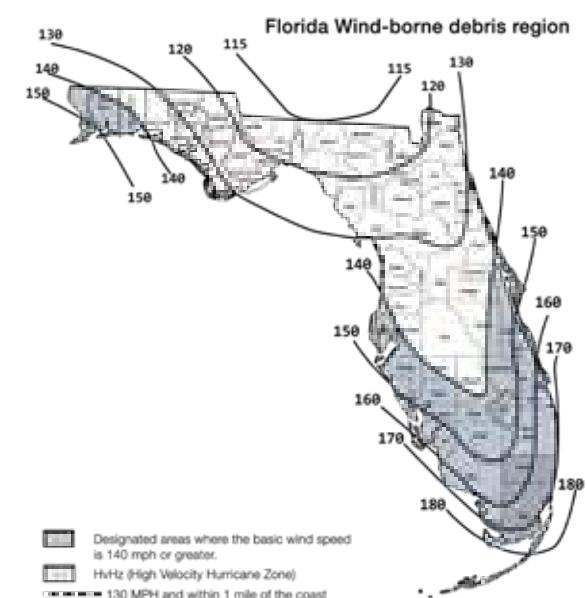
With a variety of door styles, design options and configurations, Neuma Doors are an affordable option to expensive and unsightly roll-down or accordion style shutters.



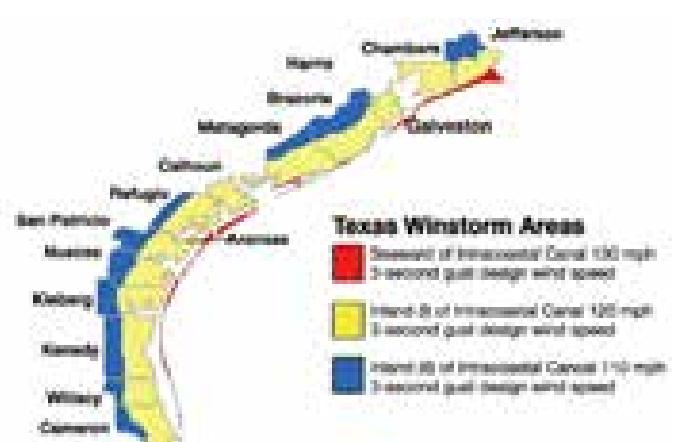
Our Impact Series helps preserve the house's envelope to minimize the damage from the storm's elements.



If a home has been breached through a broken door or window, wind can then enter. This causes an increase in pressure that can lift the roof and push the walls outward.



Note: The wind zones are approximate. Please refer to the International Building Code for precise locations.



# Design The Perfect Door for your space



**Gliding Full Lite Door with Transom  
Black Finish | Blinds Between Glass**

Let your home's personality shine through with customizable door options. Neuma Doors provides an array of design options to fit seamlessly with your home's style. Sidelights next to the door or transom windows above the door expand the visual impact, letting in light and creating a larger viewing area. Create a classic look with a traditional SDL (simulated divided lite) pattern. Craft a contemporary look with a bypass door that allows unobstructed views and the flexibility to open your space and blur the lines between indoor and outdoor living. A variety of stain, paint, and hardware finish options allow you to accent your décor and create the perfect door for you.



## 1 Select Your Door Type

Choose from Hinged, Folding, Gliding or Bypass Gliding Doors.

Select our Full Lite door style for maximum views or choose the  $\frac{3}{4}$  Lite door style for added architectural detail.



## 3 Select Your Glass

Add a touch of style to your door with our divided lite options, available as simulated divided lites (SDL) or as grilles between the glass (GBG).

When privacy is a concern, select blinds between the glass, now available in an energy efficient LoE option.

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## 2 Select Your Configuration

Select the number of panels. With options from a single door to 4 panel configurations, Neuma offers the best design to fit your space. Our wide range of configurations allows you the flexibility to design your perfect door.

Enhance your door and increase your viewing area with sidelights and transoms.



## 4 Select Your Finishes And Hardware

Handlesets and hardware are included with your Neuma Door system. Select the hardware style and color to compliment your home.



Choose from our smooth white paintable finish or one of our woodgrain options to best suit your space.

# HINGED SERIES

- Panels and frames made of fiberglass and composite material, a part of the Weather Guard System for advanced moisture protection and maximum durability
- Durable fiberglass skins will not rust, dent, split or rot
- Energy Star certified in all 50 States
- Durable CFC-free polyurethane foam panel core
- Stainless steel hinges
- Removable glazing bead for easy glass replacement
- Door heights available in 6'-8", 6'-11", 7'-6" and 8'-0" sizes
- Frames available in 4-9/16" or 6-9/16" sizes, Net jamb dimensions are 5-3/4" or 7-3/4" (See pg. 25 for more details)
- Thresholds include drainage systems to channel water away from doors
- Paintable smooth surface or unstained woodgrain are standard with pre-finished options available
- Doors tested for structural stability, water infiltration, air infiltration, forced entry, sound transmission, and energy efficiency



Double Hinged Full Lite Door with Sidelight and Transom  
| Smooth White Finish | LoE366 Glass | 12 Lite SDL

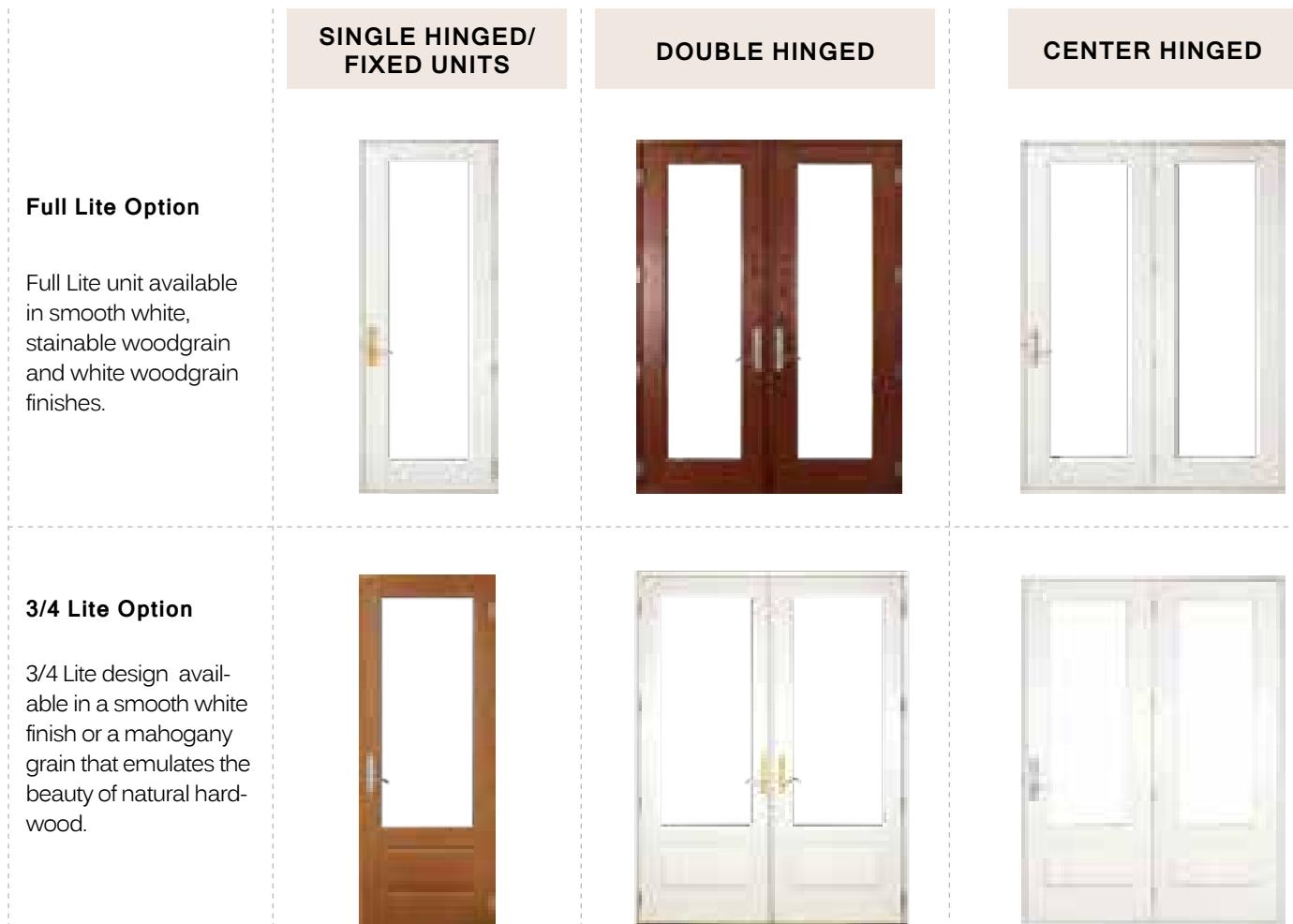
## FEATURES



The Neuma Door system is ready to install and provides complete protection from the elements. Doors and frames are engineered to work together to withstand use in the harshest environments.



# SELECT AND BUILD YOUR OWN HINGED UNIT



## Combo Options



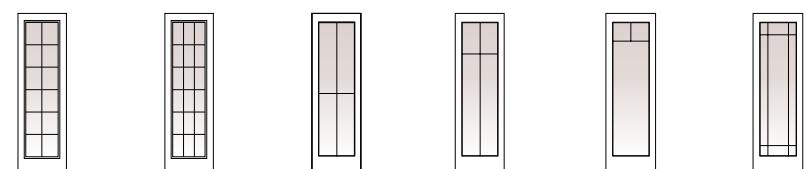
## Grille Options



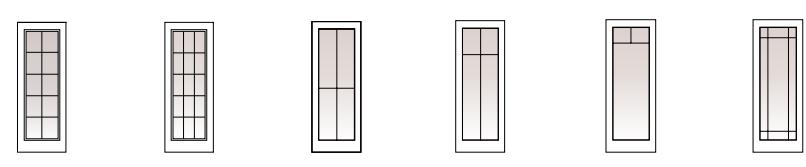
Grilles are used to visually divide the glass area of the door for added architectural detail. Grilles Between Glass (GBG) are aluminum grilles sealed between the two layers of glass and offer an attractive low maintenance option. Simulated Divided Lites (SDL) are applied directly to the glass surface and offer a more traditional appearance. Neuma offers standard 10, 12, 15, and 18 grille patterns as well as custom grille patterns available through special order.

## Mull Kits

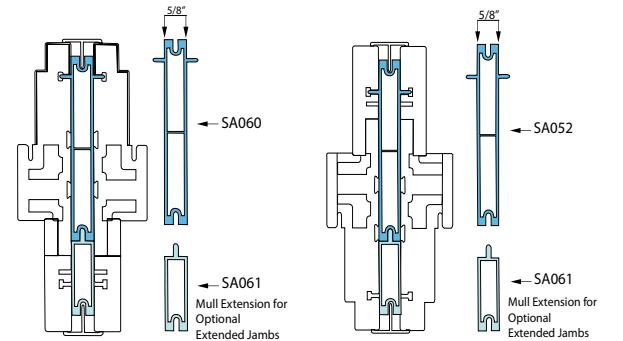
### 8' Height



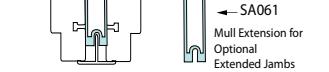
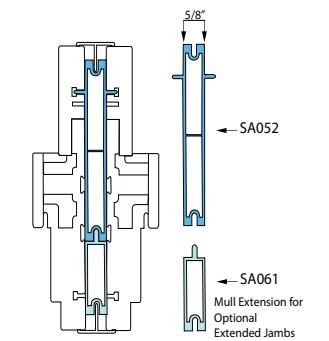
### 6'8" & 6'11" Height



### Hinged Outswing



### Hinged Inswing



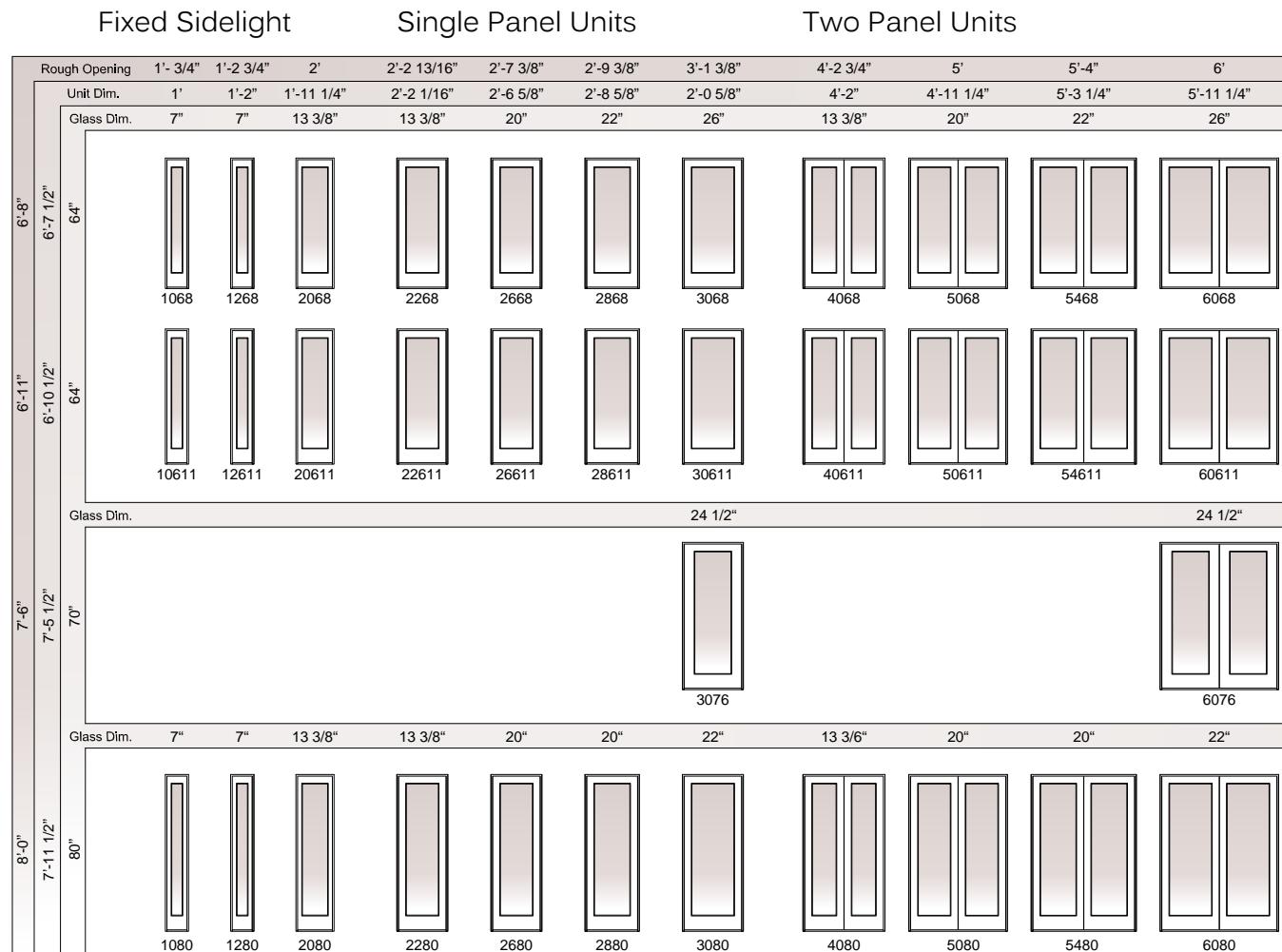
Be creative in building a custom large view hinged door design. Build a three panel hinged door unit with a single opening on a center hinged unit or broaden your double hinged into a 2+1 or 2+2 unit.

## Standard Features Chart

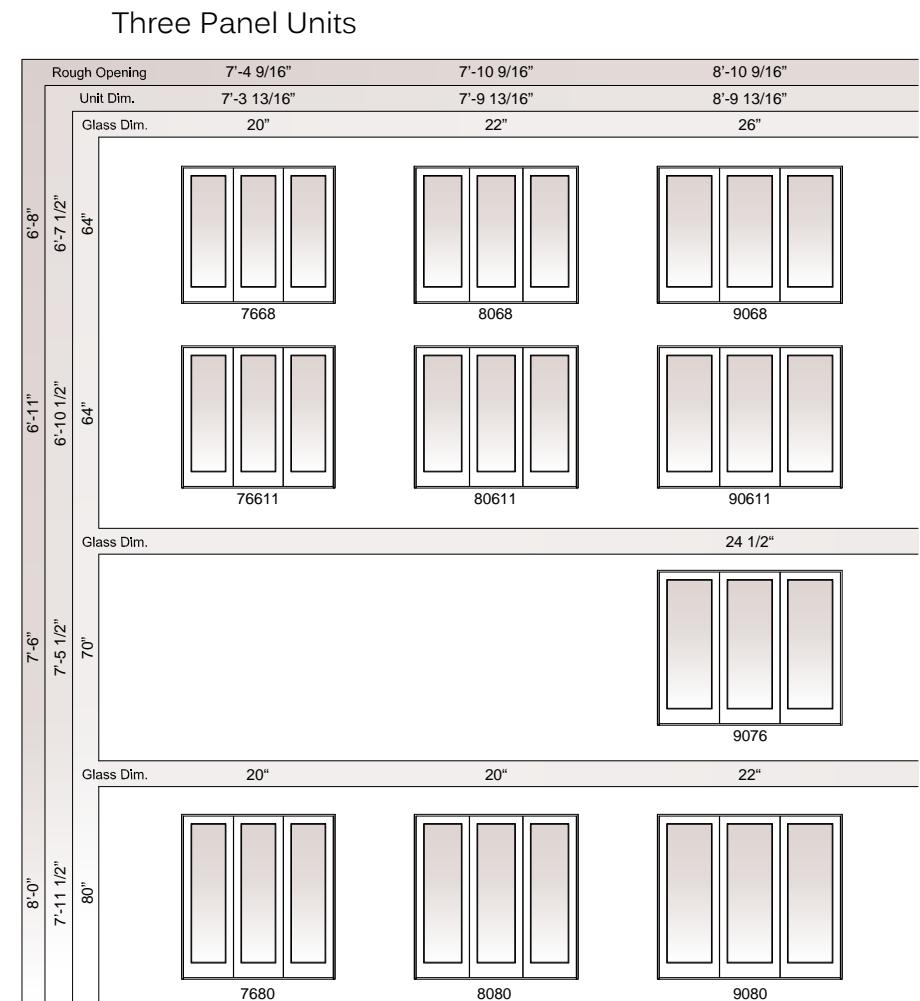
| Hinged Door - Standard Features   | Hinged 6'8" & 6'11" | Hinged Impact 6'8" & 6'11" | Hinged 7'6" & 8'0" | Hinged Impact 7'6" & 8'0" |
|---|---------------------|----------------------------|--------------------|---------------------------|
| Smooth White Interior or Unstained Woodgrain                                | •                   | •                          | •                  | •                         |
| Smooth White Exterior or Unstained Woodgrain                                | •                   | •                          | •                  | •                         |
| Tiffany or Royal Handleset in White, Dark Brown, Gold Brass or Satin Nickel | •                   |                            | •                  | •                         |
| HPVD Royal Handleset in Satin Nickel or Gold Brass                          |                     | •                          |                    | •                         |
| Sill Color Matched with Handleset (Sill color matched with handle set only) | •                   | •                          | •                  | •                         |
| Single Point Lock   | •                   |                            |                    |                           |
| Multi Point Lock  |                     | •                          | •                  | •                         |
| 4 9/16" Jamb Width (Net 5-3/4")   | •                   | •                          | •                  | •                         |
| LoE <sup>1</sup> 366 Glass  | •                   | •                          | •                  | •                         |
| LoE <sup>1</sup> 366 Laminated Impact Glass                                 |                     | •                          |                    | •                         |

# HINGED UNITS AND DIMENSIONS

## Full Lite



## Full Lite

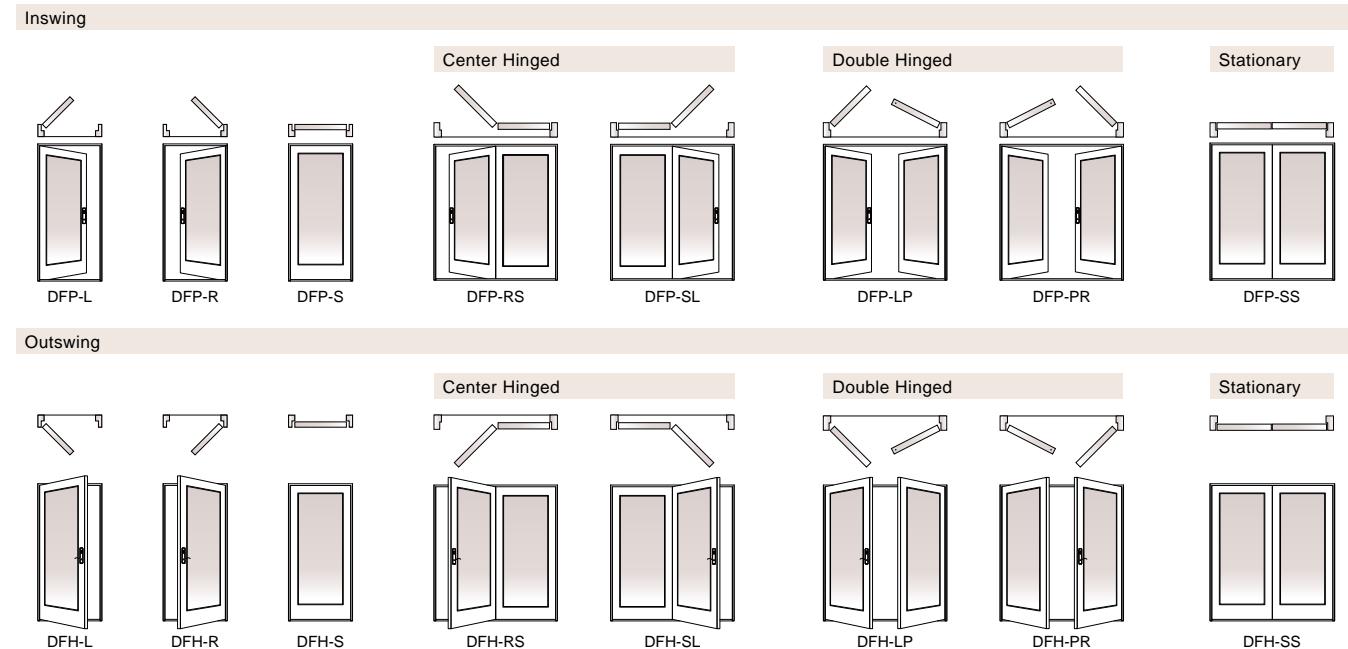


## LEGEND

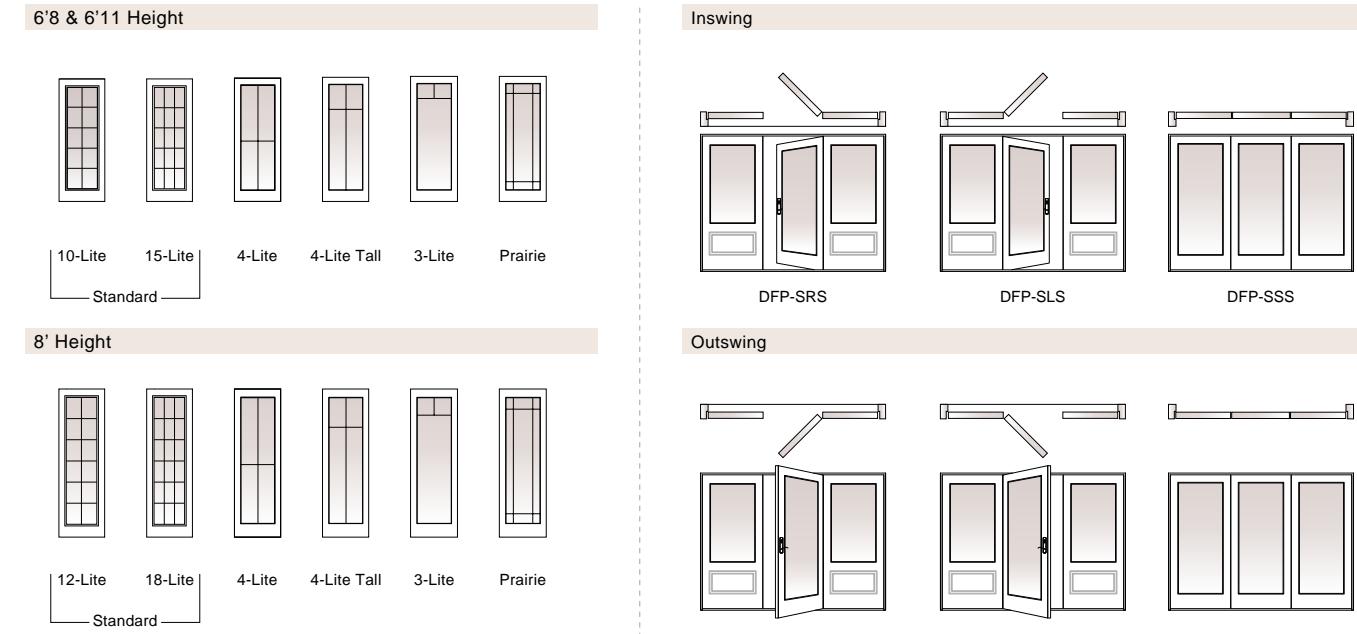
- Handing from exterior view
- Doors are not reversible
- Retractable screen available as an option

P = Passive  
S = Stationary  
R = Hinge at right side view  
L = Hinge at left side exterior view  
DFP = Inswing  
DFH = Outswing

## Full Lite Handing



## Available Grille Patterns

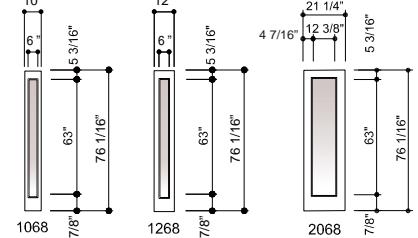


## Full Lite Panel Specifications

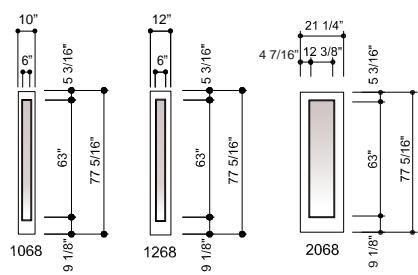
### Fixed Sidelight Panels

#### Hinged Patio Door - Fixed Sidelights

##### Inswing



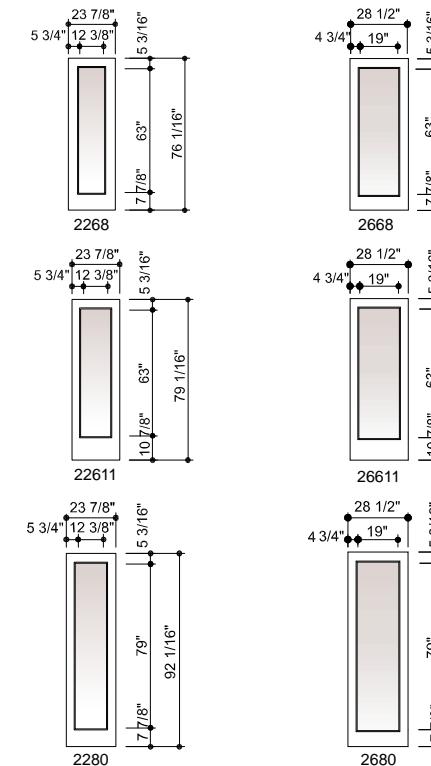
##### Outswing



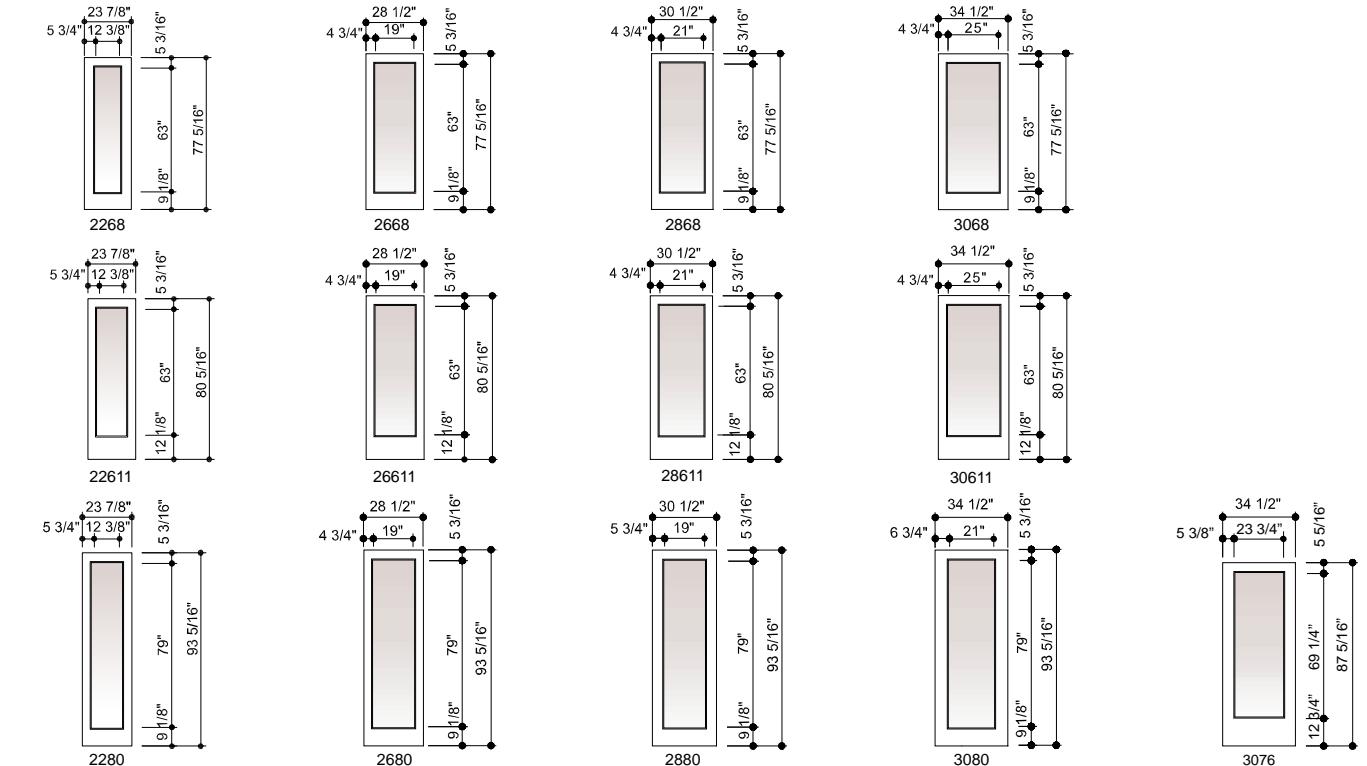
## Full Lite Panel Specifications

### Inswing & Outswing Patio Doors

#### Hinged Patio Door - Inswing

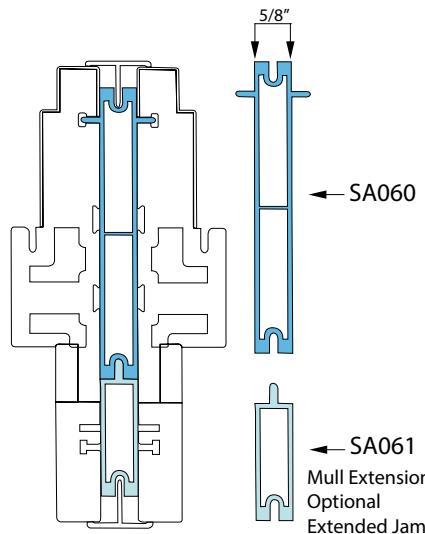


#### Hinged Patio Door - Outswing

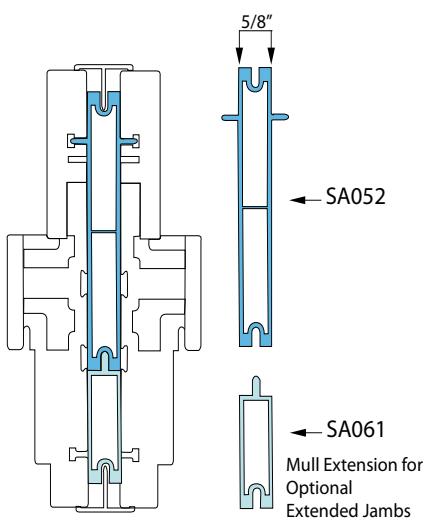


## Mull Kits

### Hinged Outswing



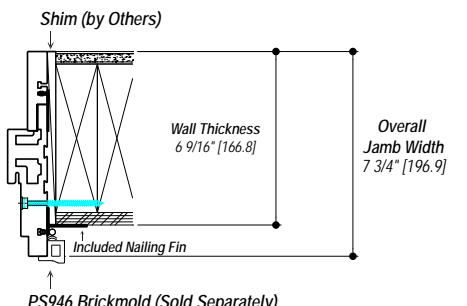
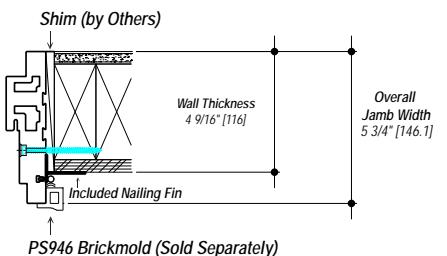
### Hinged Inswing



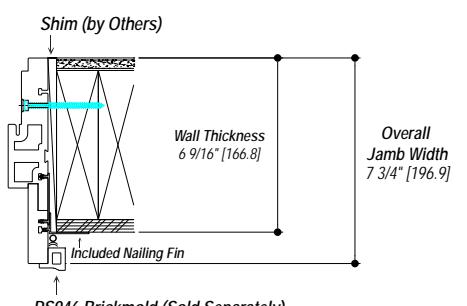
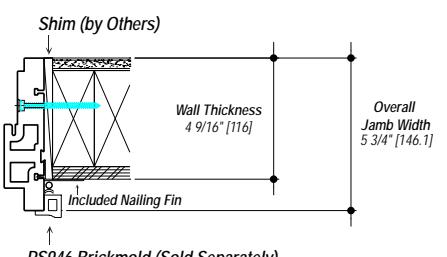
When creating a custom configuration by combining panels and door units, add 5/8" to the unit dimension to allow for the width of the aluminum mull.

## Hinged Jamb

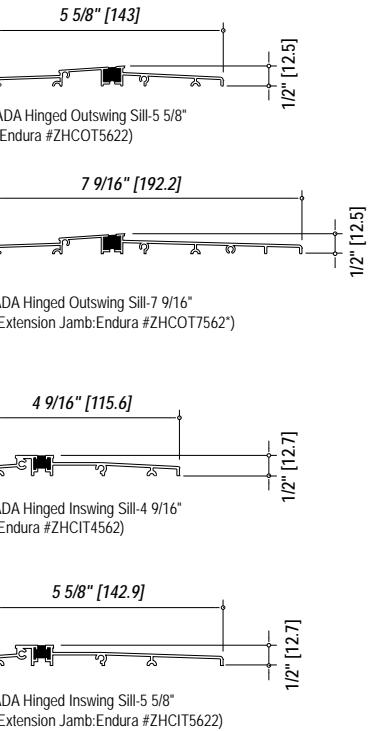
### Outswing Hinged Jamb



### Inswing Hinged Jamb



## ADA Handicap Sill



## 3/4 Lite

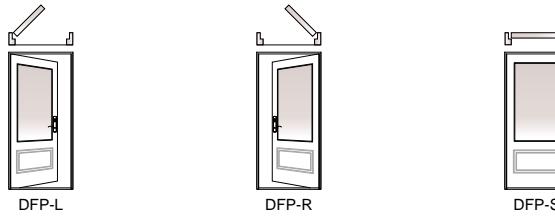
| Fixed Sidelight   |       | Single Panel Units |       |       |  |
|---|-------|--------------------|-------|-------|--|
| Rough Opening: 1'-2 3/4", 2'-7 3/8", 2'-9 3/8", 3'-1 3/8"<br>Unit Dim.: 1'-2", 2'-6 5/8", 2'-8 5/8", 3'-0 5/8"<br>Glass Dim.: 7", 20", 22", 26" |       |                    |       |       |  |
| 6'-8"   | 1268  | 2668               | 2868  | 3068  |  |
| 6'-11"  | 12611 | 26611              | 28611 | 30611 |  |
| 8'-0"   | 1280  | 2680               | 2880  | 3080  |  |
| 8'-11 1/2"  |       |                    |       |       | 6'-10 1/2" (for Inswing)<br>6'-9 1/4" (for Outswing) |
| 64"   |       |                    |       |       | 48"  |

## Two Panel Unit

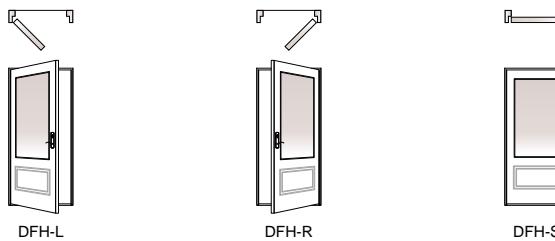
| Rough Opening             |            | 5'        | 5'-4"      | 6'   |
|---------------------------|------------|-----------|------------|--|
| Unit Dim.                 | 4'-11 1/4" | 5'-3 1/4" | 5'-11 1/4" |  |
| Glass Dim.: 20", 22", 26" |            |           |            |  |
| 6'-8"                     | 5068       | 5468      | 6068       |  |
| 6'-11"                    | 50611      | 54611     | 60611      |  |
| 8'-0"                     | 5080       | 5480      | 6080       |  |
| 8'-11 1/2"                |            |           |            | 6'-10 1/2" (for Inswing)<br>6'-9 1/4" (for Outswing) |
| 64"                       |            |           |            | 48"  |

## 3/4 Lite Handing

### Inswing



### Outswing

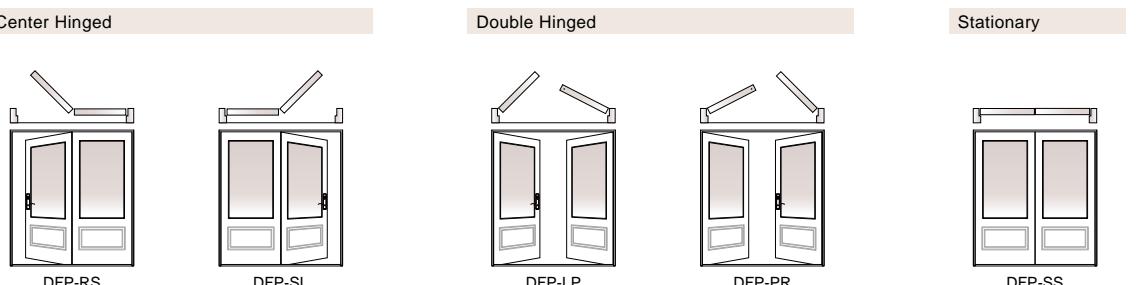


### LEGEND

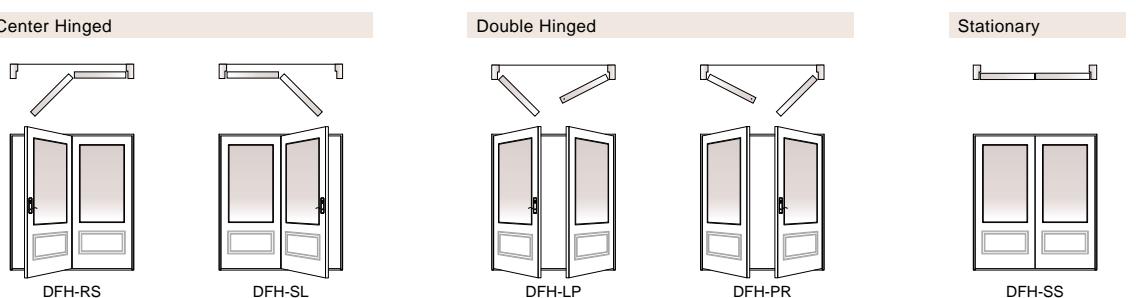
- Handing from exterior view
- Doors are not reversible
- Retractable screen available as an option

P = Passive  
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 DFP = Inswing  
 DFH = Outswing

### Inswing

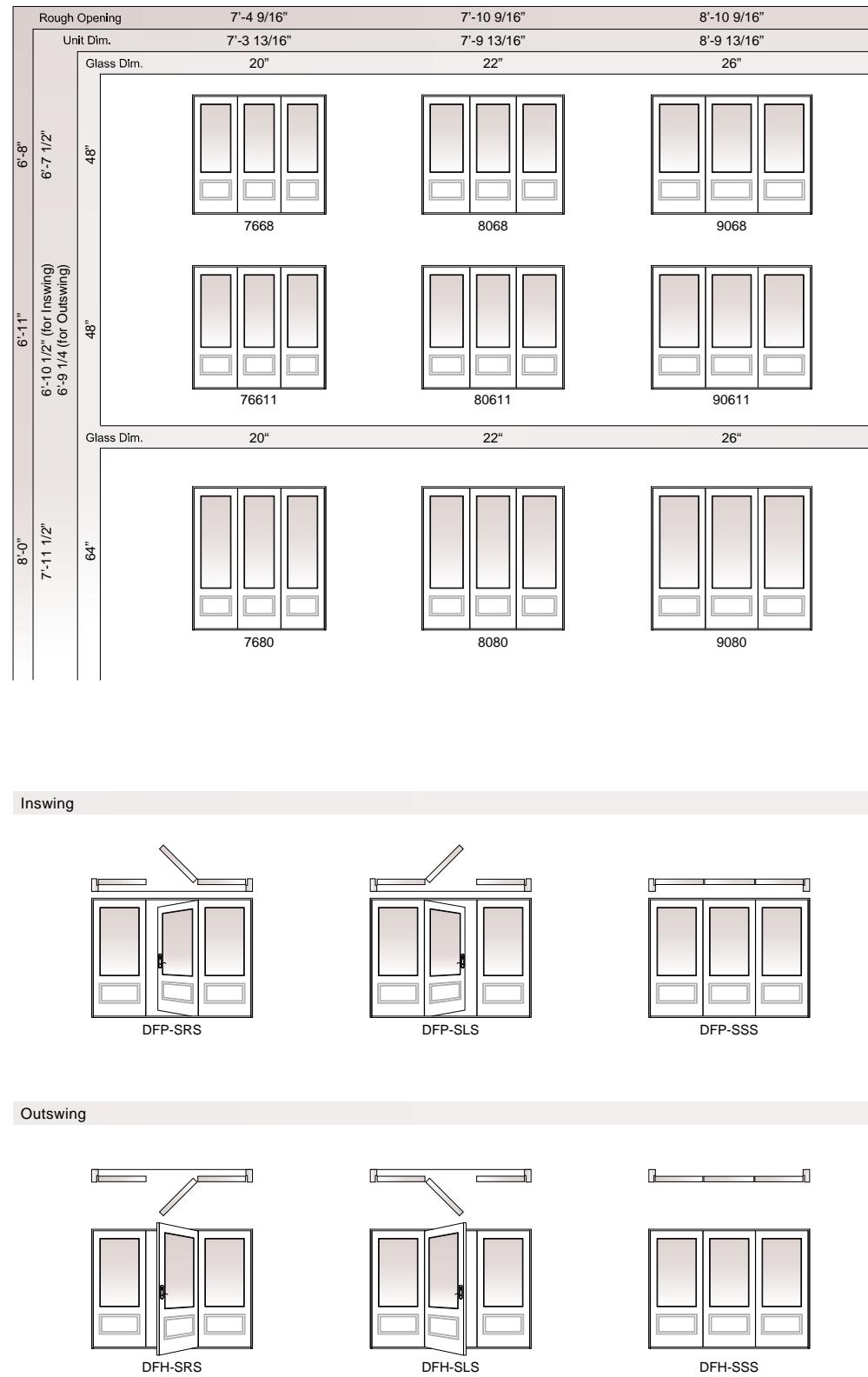


### Outswing



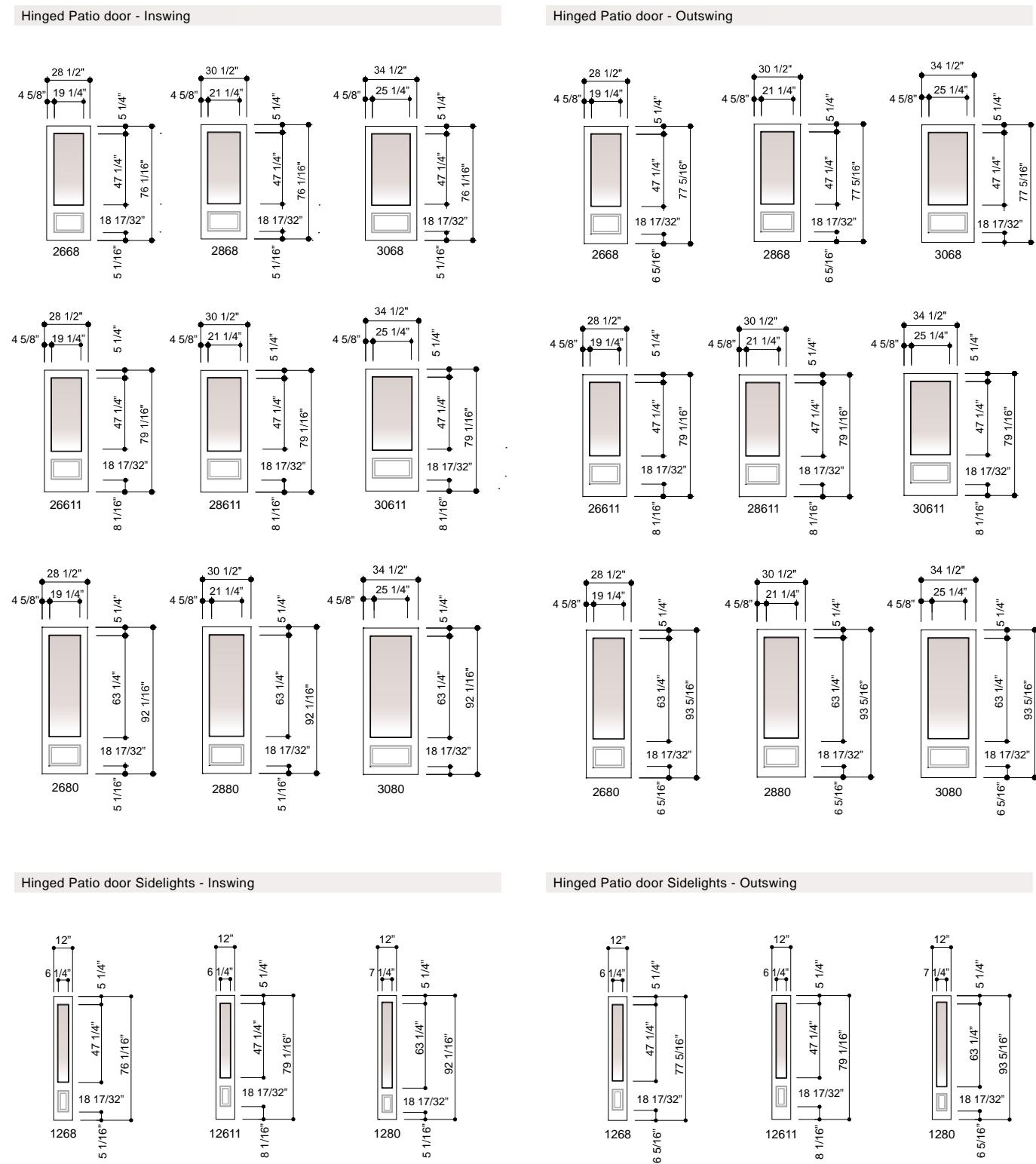
## 3/4 Lite

### Three Panel Units



## 3/4 Lite

### Inswing & Outswing Patio Doors



# VENTED SIDELIGHT OPTIONS



Double Hinged Vented Sidelight Door  
Smooth White | LoE340 Glass

## Operable Vented Sidelights

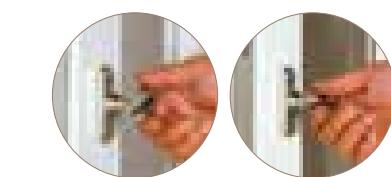
- Continuous head and sill, with a mullion system designed to maximize stability and ease of installation.
- Sidelights come standard with multipoint locking system for stability and security.
- Sidelights come standard with stationary screens for maximum comfort. Screens are removable for cleaning.
- No extra assembly required. Vented Sidelight door units are designed and delivered fully assembled.
- Fully operable hinged sidelights
- Available in woodgrain finish
- Optional retractable screens available



Height 6'-8" only  
Width 6'-0" and 8'-0"



Shown with golden oak  
finish, gold brass Royal  
handle set and crafts-  
man style (GBG).



**Fully Operable Hinged Sidelights**  
Sidelight vents feature a craftsman  
style thumb-turn.



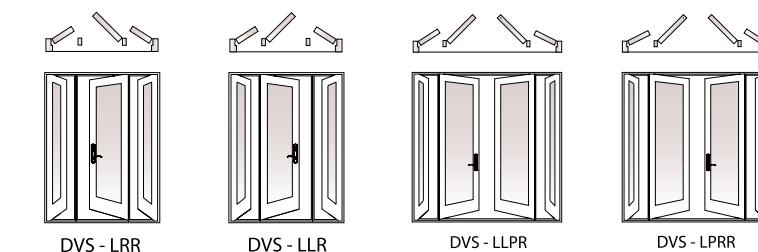
Shown with medium  
oak finish and satin  
nickel Royal handle set.

# VENTED SIDELIGHT UNITS AND DIMENSIONS

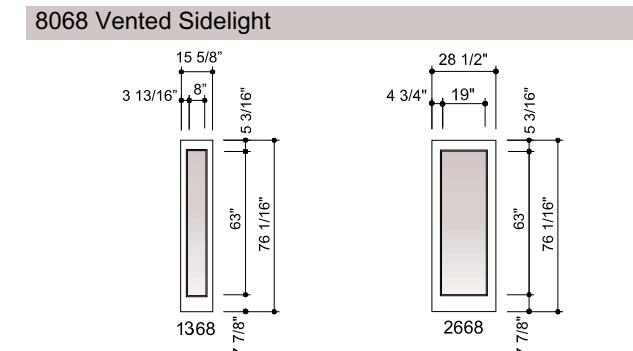
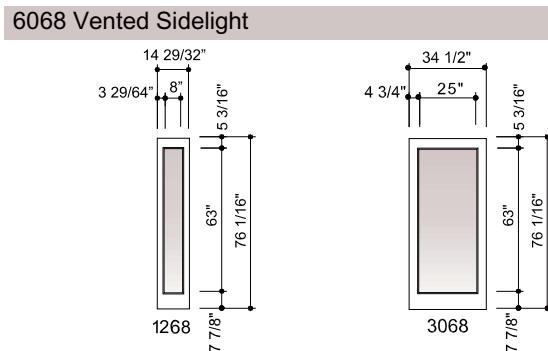
## Vented Sidelight

|               |            |            |
|---------------|------------|------------|
| Rough Opening | 5'-10 3/4" | 7'-10 3/4" |
| Unit Dim.     | 5'-10"     | 7'-10"     |
| Glass Dim.    | 26", 9"    | 20", 9"    |

### Inswing Vented Sidelight 6'8" Retro Fit



## Vented Sidelight Panel Specifications

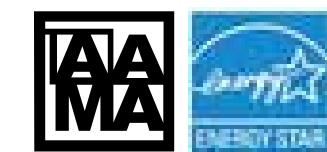


### LEGEND

- P = Passive
- S = Stationary
- R = Hinge at right side exterior view
- L = Hinge at left side exterior view
- DVS = Vented Sidelight

\*For all product testing approval numbers and information, please visit <http://www.neumadoors.com/resource>

\*\*For Florida Building Code Approval, please see [http://www.floridabuilding.org/pr/pr\\_app\\_srch.aspx](http://www.floridabuilding.org/pr/pr_app_srch.aspx). For Texas Department of Insurance Approval, see <http://www.tdi.state.tx.us/wind/prod/indexdr.html>. For Dade County Approval, see [http://www.miamidade.gov/building/pc-search\\_app.asp?](http://www.miamidade.gov/building/pc-search_app.asp?)



# HINGED TRANSOM UNITS AND DIMENSIONS

## Transoms For Hinged Doors

### Single Panel Units

|               |           |           |           |            |           |            |
|---------------|-----------|-----------|-----------|------------|-----------|------------|
| Rough Opening | 2'-7 3/8" | 2'-9 3/8" | 3'-1 3/8" | 5'         | 5'-4"     | 6'         |
| Unit Dim.     | 2'-6 5/8" | 2'-8 5/8" | 3'-0 5/8" | 4'-11 1/4" | 5'-3 1/4" | 5'-11 1/4" |
| Glass Dim.    | 28 1/2"   | 30 1/2"   | 34 1/2"   | 57 1/8"    | 61 1/8"   | 69 1/8"    |

### Two Panel Units

|               |           |           |           |            |           |            |
|---------------|-----------|-----------|-----------|------------|-----------|------------|
| Rough Opening | 2'-7 3/8" | 2'-9 3/8" | 3'-1 3/8" | 5'         | 5'-4"     | 6'         |
| Unit Dim.     | 2'-6 5/8" | 2'-8 5/8" | 3'-0 5/8" | 4'-11 1/4" | 5'-3 1/4" | 5'-11 1/4" |
| Glass Dim.    | 28 1/2"   | 30 1/2"   | 34 1/2"   | 57 1/8"    | 61 1/8"   | 69 1/8"    |

### LEGEND



1. Rough Opening Width = Unit Dim. Width + 3/4"
2. Rough Opening Height = Unit Dim. Height + 1/2"
3. Glass Option: Clear / Inner Grille / Art Glass
4. Custom Size Also Available by Special Order
5. Standard Transom are Equal Size Glass
6. Special Size or Special Lite Pattern Must be by Special Order
7. GTI = Insing
8. GTO = Outswing
9. GTV = Vented Sidelight



### For 3 Panel Units

|               |             |             |             |
|---------------|-------------|-------------|-------------|
| Rough Opening | 7'-4 9/16"  | 7'-10 9/16" | 8'-10 9/16" |
| Unit Dim.     | 7'-3 13/16" | 7'-9 13/16" | 8'-9 13/16" |
| Glass Dim.    | 27 7/16"    | 29 7/16"    | 33 7/16"    |

### For Vented Sidelight

|               |            |            |            |
|---------------|------------|------------|------------|
| Rough Opening | 4'-11 1/2" | 5'-10 3/4" | 7'-10 3/4" |
| Unit Dim.     | 4'-10 3/4" | 5'-10"     | 7'-10"     |
| Glass Dim.    | 56 5/8"    | 67 7/8"    |            |

Note: Transom grid patterns may not align with certain doors. Please call for assistance with transom selection.

\*All transoms with divided lites are True Divided Lite (TDL). Grille between glass (GBG) and simulated divided lite (SDL) options are also available.

# HINGED TEST RESULTS



## Hinged Non-Impact

### Full Lite Inswing Non-Impact AAMA Test Results

| Product specification       | Design Pressure Rating | Structure Performance (psf) | Water Resistance (psf) | Air Infiltration (cfm/ft <sup>2</sup> ) | AAMA 101 Standard           |
|-----------------------------|------------------------|-----------------------------|------------------------|---|-----------------------------|
| 3068, 30611, L/R/S          | DP40                   | +90/-90                     | 6.0                    | 0.09                                    | SHD-CLASS R-PG40 144" X 83" |
| 6068, 60611, LP/PR/SL/RS/SS | DP40                   | +90/-90                     | 6.0                    |   |                             |
| 12068, 120611, SLPS/SPRS    | DP40                   | +90/-90                     | 6.0                    |   |                             |
| 3080, L/R/S                 | DP40                   | +75/-75                     | 7.5                    |   |                             |
| 6080, LP/PR/SL/RS/SS        | DP40                   | +75/-75                     | 7.5                    | 0.02                                    | SHD-CLASS R-PG50 144" X 96" |
| 12080, SLPS/SPRS            | DP40                   | +75/-75                     | 7.5                    |   |                             |

### 3/4 Lite Inswing - Non-Impact AAMA Results

| Product specification | Design Pressure Rating | Structure Performance (psf) | Water Resistance (psf) | Air Infiltration (cfm/ft <sup>2</sup> ) | AAMA 101 Standard                   |
|-----------------------|------------------------|-----------------------------|------------------------|---|-------------------------------------|
| 12080 SLPS            | DP50                   | +75/-75                     | 7.5                    | 0.006                                   | SHD-class R-PG50 143 1/8" x 95 1/2" |
| 120611 SLPS           | DP50                   | +75/-75                     | 7.5                    | 0.1                                     | SHD-class R-PG50 143 1/8" x 82 1/2" |

### Full Lite Outswing - Non-Impact AAMA Test Results

| Product specification       | Design Pressure Rating | Structure Performance (psf) | Water Resistance (psf) | Air Infiltration (cfm/ft <sup>2</sup> ) | AAMA 101 Standard                   |
|-----------------------------|------------------------|-----------------------------|------------------------|---|-------------------------------------|
| 3068, 30611, L/R/S          | DP65                   | +97.5/-97.5                 | 9.75                   | 0.19                                    | SHD-CLASS R-PG70 143 1/4" X 82 1/2" |
|                             | DP70                   | +105/-105                   | 10.5                   |   |                                     |
| 6060, 60611, LP/PR/SL/RS/SS | DP65                   | +97.5/-97.5                 | 9.75                   |   |                                     |
|                             | DP70                   | +105/-105                   | 10.5                   |   |                                     |
| 12068, 120611, SLPS/SPRS    | DP65                   | +97.5/-97.5                 | 9.75                   | 0.14                                    | SHD-CLASS R-PG70 143 1/4" X 95 3/4" |
|                             | DP70                   | +105/-105                   | 10.5                   |   |                                     |
| 3080, L/R/S                 | DP65                   | +97.5/-97.5                 | 9.75                   |   |                                     |
|                             | DP70                   | +105/-105                   | 10.5                   |   |                                     |
| 6080, LP/PR/SL/RS/SS        | DP65                   | +97.5/-97.5                 | 9.75                   |   |                                     |
|                             | DP70                   | +105/-105                   | 10.5                   |   |                                     |
| 12080, SLPS/SPRS            | DP65                   | +97.5/-97.5                 | 9.75                   |   |                                     |
|                             | DP70                   | +105/-105                   | 10.5                   |   |                                     |

### 3/4 Lite Outswing - Non-Impact AAMA Test Results

| Product Specification | Design Pressure Rating | Structure Performance (psf) | Water Resistance (psf) | Air Infiltration (cfm/ft <sup>2</sup> ) | AAMA 101 Standard                   |
|-----------------------|------------------------|-----------------------------|------------------------|---|-------------------------------------|
| 12080 SLPS            | DP50                   | +75 / -75                   | 7.5                    | 0.001                                   | SHD-class R-PG50 143 1/8" x 95 1/2" |
| 12068,SLPS            | DP50                   | +75 / -75                   | 7.5                    | 0.001                                   | SHD-class R-PG50 143 1/8" x 79 1/2" |

## Vented Sidelight - Non-Impact AAMA Results

| Product specification | Design Pressure Rating | Structure Performance (psf) | Water Resistance (psf) | Air Infiltration (cfm/ft <sup>2</sup> ) | AAMA 101 Standard     |
|-----------------------|------------------------|-----------------------------|------------------------|---|-----------------------|
| 8068, LLPR            | DP30                   | +45/-45                     | 4.5                    | 0.02                                    | HGD-LC30<br>94" X 83" |

## Energy Performance Rating - Non-Impact Hinged

| Door Type         | Door Style | Glass Type              | Energy Star Climate Zones |               |       |               |          |      |      |
|-------------------|------------|-------------------------|---------------------------|---------------|-------|---------------|----------|------|------|
|                   |            |                         | North                     | North Central | South | South Central | U-Factor | SHGC | VT   |
| Hinged Non-Impact | Full Lite  | LoE <sup>3</sup> 366    | *                         | *             | *     | *             | 0.25     | 0.14 | 0.30 |
|                   |            | LoE <sup>3</sup> 340    | *                         | *             | *     | *             | 0.25     | 0.09 | 0.18 |
|                   |            | LoE <sup>3</sup> Blinds | -                         | -             | -     | -             | 0.27     | 0.25 | 0.28 |
|                   | 3/4 Lite   | LoE <sup>3</sup> 366    | *                         | *             | *     | *             | 0.25     | 0.09 | 0.20 |

## Sound Transmission Class - Non-Impact Hinged

| Product Specification                                       | STC | OITC | Product Specification                                      | STC | OITC |
|---|-----|------|--|-----|------|
| 3080 Outswing Pemko ADA Sill (1" Special Glass)             | 35  | 28   | 6068, LP Outswing (0.625" Standard Non-Impact Glass)       | 29  | 25   |
| 3080 Outswing Extended Pemko ADA Sill (5/8" Standard Glass) | 31  | 27   | 6080 Outswing Pemko ADA Sill (1" Special Non-Impact Glass) | 30  | 27   |
| 3080 Inswing Endura ADA Sill (1" Special Glass)             | 31  | 26   | 6080 Inswing Endura ADA Sill (1" Special Non-Impact Glass) | 29  | 24   |

## Hinged Transoms

### Transom Test Results - Non Impact

| Product specification    | Design Pressure Rating | Structure Performance (psf) | Water Resistance (psf) | Air Infiltration (cfm/ft <sup>2</sup> ) | AAMA 101 Standard        | Type     |
|--------------------------|------------------------|-----------------------------|------------------------|---|--------------------------|----------|
| GTI 6020                 | DP80                   | +120/-120                   | 12.00                  | 0.01                                    | TR-LC80<br>71 1/4" X 24" | Inswing  |
| GTI 12020 (with mullion) | DP75                   | +120/-120                   | 11.25                  | 0.01                                    | TR-R75<br>145 3/8" X 24" |          |
| GTO 6020                 | DP80                   | +120/-120                   | 12.00                  | 0.01                                    | TR-LC80<br>71 1/4" X 24" | Outswing |
| GTO 12020 (with mullion) | DP75                   | +120/-120                   | 11.25                  | 0.01                                    | TR-R75<br>145 3/8" X 24" |          |

### Transom Test Results Impact

| Product specification        | Design Pressure Rating | Structure Performance (psf) | Water Resistance (psf) | Air Infiltration (cfm/ft <sup>2</sup> ) | Test Standard   | Type               |
|------------------------------|------------------------|-----------------------------|------------------------|---|-----------------|--------------------|
| GTI/GTO 6020                 | DP80                   | +120/-120                   | 12.00                  | 0.01                                    | TAS 201/202/203 | Inswing & Outswing |
| GTI/GTO 12020 (with mullion) | DP80                   | +120/-120                   | 12.00                  | 0.01                                    | TAS 201/202/204 |                    |

## Hinged Impact

### Full Lite - Impact & Cycle Testing Performance

| Product specification | Max. Testing Dimension | Design Pressure Rating | Structure Performance (psf) | Water Resistance (PSF) | Air Infiltration (cfm/ft <sup>2</sup> ) | Test Standard         |
|-----------------------|------------------------|------------------------|-----------------------------|------------------------|---|-----------------------|
| Inswing SLP (OXXO)    | 11'11" X 6'11"         | DP50                   | +75/-75                     | 7.5                    | 0.03                                    | ASTM E1886/ASTM E1996 |
| Outswing SLP (OXXO)   | 11'11" X 6'11"         | DP50                   | +75/-75                     | 7.5                    | 0.01                                    | ASTM E1886/ASTM E1996 |
|                       |                        | DP70                   | +105/-105                   | 10.5                   |   |                       |
| Outswing SLP (OXX)    | 9'1" X 6'11"           | DP70                   | +105/-105                   | 10.5                   | 0.003                                   | TAS201/202/203        |
| Inswing SLP (OXXO)    | 11'11" X 8'0"          | DP50 Structural Only   | +75/-75                     | 2.9                    | 0.002                                   | ASTM E1886/ASTM E1996 |
| Inswing SLP (OXX)     | 9'1" X 8'0"            | DP50 Structural Only   | +75/-75                     | 3.75                   | 0.12                                    | TAS201/202/203        |
| Outswing SLP (OXXO)   | 11'11" X 8'0"          | DP50                   | +75/-75                     | 7.5                    | 0.003                                   | ASTM E1886/ASTM E1996 |
|                       |                        | DP70                   | +105/-105                   | 10.5                   |   |                       |
| Outswing SLP (OXX)    | 9'1" X 8'0"            | DP50                   | +75/-75                     | 7.5                    | 0.01                                    | TAS201/202/203        |
| Outswing SLPL (OXXO)  | 12'1" X 8'0"           | DP70                   | +105/-105                   | 10.5                   | 0.002                                   | TAS201/202/203        |

### 3/4 Lite - Impact & Cycle Testing Performance

| Product specification | Max. Testing Dimension | Design Pressure Rating | Structure Performance (psf) | Water Resistance (PSF) | Air Infiltration (cfm/ft <sup>2</sup> ) | Test Standard         |
|-----------------------|------------------------|------------------------|-----------------------------|------------------------|---|-----------------------|
| Inswing SLP (OXX)     | 8'10" X 8'0"           | DP50 Structural Only   | +75/-75                     | 3.75                   | 0.003                                   | ASTM E1886/ASTM E1996 |
| Outswing SLP (OXX)    | 8'10" X 8'0"           | DP50                   | +75/-75                     | 7.5                    | 0.001                                   | ASTM E1886/ASTM E1996 |
| Outswing SLPS (OXXO)  | 11'11" X 6'8"          | DP50                   | +75/-75                     | 7.5                    | 0.001                                   | ASTM E1886/ASTM E1996 |
| Inswing SLPS (OXXO)   | 11'11" X 6'11"         | DP50                   | +75/-75                     | 7.5                    | 0.1                                     | ASTM E1886/ASTM E1996 |

### Energy Performance Rating - Impact Hinged

| Door Type     | Door Style | Glass Type           | Energy Star Climate Zones |               |       |               | U-Factor | SHGC | VT   |
|---------------|------------|----------------------|---------------------------|---------------|-------|---------------|----------|------|------|
|               |            |                      | North                     | North Central | South | South Central |          |      |      |
| Hinged Impact | Full Lite  | LoE <sup>3</sup> 366 | *                         | *             | *     | *             | 0.24     | 0.13 | 0.30 |
|               |            | LoE <sup>3</sup> 340 | *                         | *             | *     | *             | 0.24     | 0.09 | 0.18 |
|               | 3/4 Lite   | LoE <sup>3</sup> 366 | *                         | *             | *     | *             | 0.29     | 0.09 | 0.20 |

### Sound Transmission Class - Impact Hinged

| Product Specification                        | STC | OITC |
|--|-----|------|
| 3080, L Outswing (1" Double Laminated Glass) | 35  | 30   |
| 6068, LP Inswing (1" Standard Impact Glass)  | 34  | 30   |
| 6068, LP Outswing (1" Standard Impact Glass) | 34  | 30   |

\*\*For Florida Building Code Approval, please see: [http://www.floridabuilding.org/pr/pr\\_app\\_srch.aspx](http://www.floridabuilding.org/pr/pr_app_srch.aspx).

For Texas Department of Insurance Approval, see: <http://www.tdi.state.tx.us/wind/prod/indexdr.html>.

For Dade County Approval, see: <http://www.miamidade.gov/building/pc-search-app.asp?>



# GLIDING SERIES

- Panels and frames made of fiberglass and composite material, a part of the Weather Guard System for advanced moisture protection and maximum durability
- Durable fiberglass skins will not rust, dent, split or rot
- ENERGY STAR certified in all 50 States
- Durable CFC-free polyurethane foam panel core
- Advanced interlocking seal design
- Monorail track for reduced friction
- Adjustable stainless steel tandem rollers
- Removable glazing bead for easy glass replacement
- Door heights available in 6'-8", 6'-11", 7'-10" and 8'-0" sizes
- Frames available in 4-9/16" or 6-9/16" sizes, Net Jamb dimensions are 5-3/4 or 7-3/4 (See pg. 47 for more details)
- Thresholds include drainage systems to channel water away from doors
- Paintable smooth surface or unstained woodgrain are standard with pre-finished options available
- Doors tested for structural stability, water infiltration, air infiltration, forced entry, sound transmission, and energy efficiency



Gliding Full Lite Doors  
Smooth White Finish | LoE366 Glass

# FEATURES



## Advanced Interlocking Seal Design

Provides superior weather protection.

## Optional Retractable Screens

Attractive option that keeps the screen hidden from view when not in use.

## Co-extruded glazing bead

Designed for easy glass replacement.

## Weep Holes

Allow water to drain away from the door while keeping dirt and dust out.

## Bottom Wind Stopper

Provides extra weather protection and helps prevent air leakage.

## Adjustable Stainless Steel Tandem Rollers

Designed for smooth effortless operation.

1 WeatherGuard waterproof composite Jambs

2 Advanced Interlocking Seal Design

3 Waterproof composite edging on all sides

4 Co-extruded glazing bead

5 Weep Hole

6 Bottom Wind Stopper

7 Adjustable Stainless Steel Tandem Rollers



Gliding Full Lite Doors  
Smooth White Finish | LoE366 Glass

# SELECT AND BUILD YOUR OWN GLIDING UNIT



## Standard Features Chart

| Gliding Door - Standard Features                                    | Gliding 6'8" & 6'11" | Gliding Impact 6'8" & 6'11" | Gliding 7'10" & 8'0" | Gliding Impact 7'10" & 8'0" |
|---|----------------------|-----------------------------|----------------------|-----------------------------|
| Smooth White Interior Finish  | •                    | •                           | •                    | •                           |
| Smooth White Exterior Finish  | •                    | •                           | •                    | •                           |
| Standard Handleset in White, Dark Brown, Gold Brass or Satin Nickel | •                    | •                           | •                    | •                           |
| HPVD Handleset in Satin Nickel or Gold Brass                        |                      | •                           |                      | •                           |
| White Sill  | •                    | •                           | •                    | •                           |
| Single Point Lock   | •                    |                             |                      |                             |
| Multi Point Lock  |                      | •                           | •                    | •                           |
| 4 9/16" Jamb Width (Net 5-3/4")                                     | •                    | •                           | •                    | •                           |
| LoE <sup>®</sup> 366 Glass  | •                    | •                           | •                    | •                           |
| LoE <sup>®</sup> 366 Laminated Impact Glass                         |                      | •                           |                      | •                           |

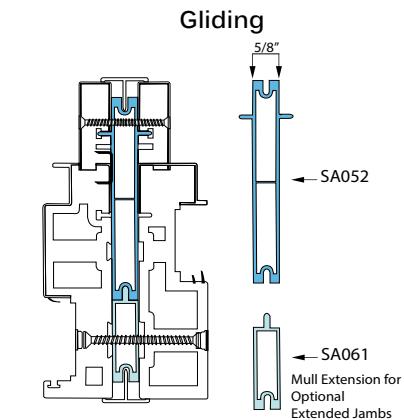
## Gliding Options

Be creative in building a custom large view gliding unit design. Build a multi-panel gliding unit on your standard double gliding unit with our impact tested mull post system.

### Combo Options



### Mull Kits



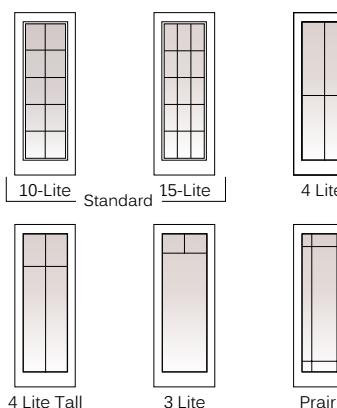
### Grille Options

Grilles are used to visually divide the glass area of the door for added architectural detail. Grilles Between Glass (GBG) are aluminum grilles sealed between the two layers of glass and offer an attractive low maintenance option. Simulated Divided Lites (SDL) are applied directly to the glass surface and offer a more traditional appearance.

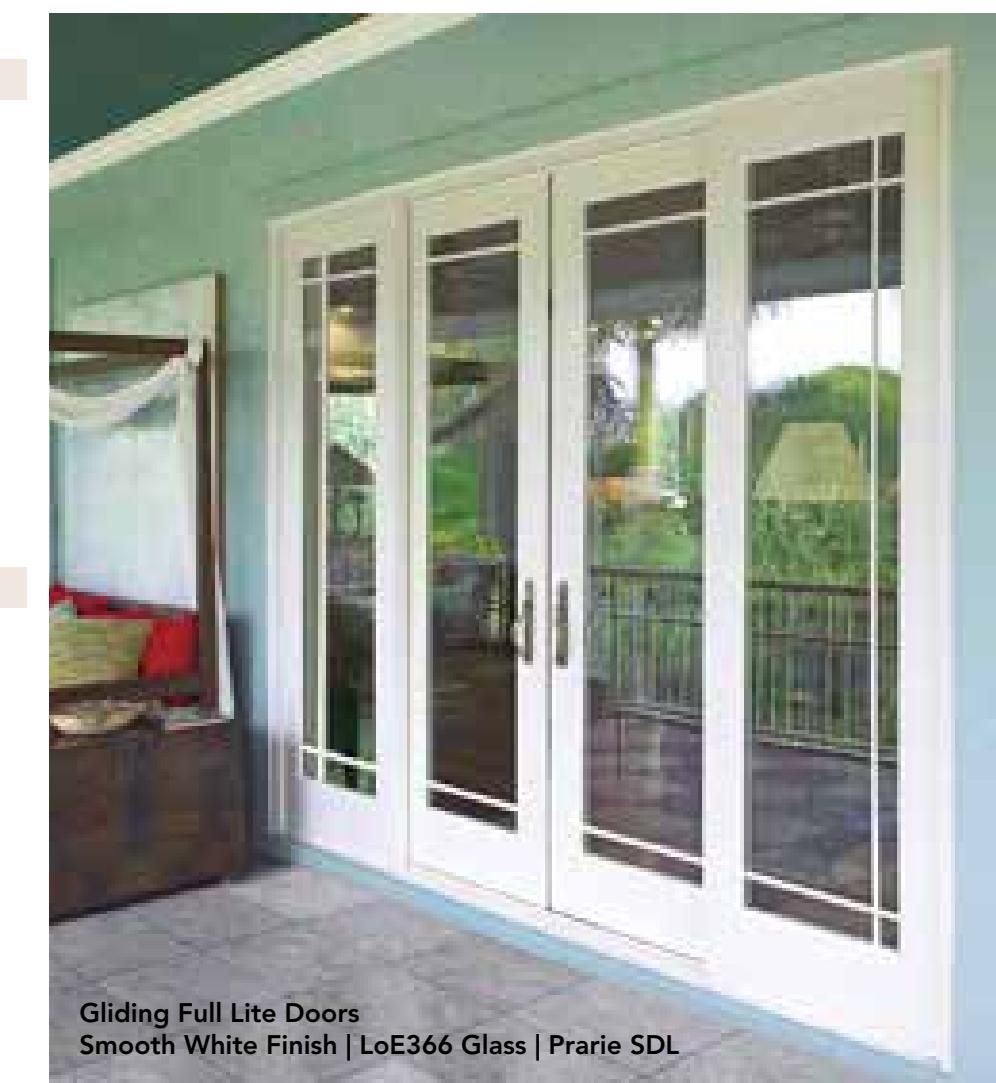
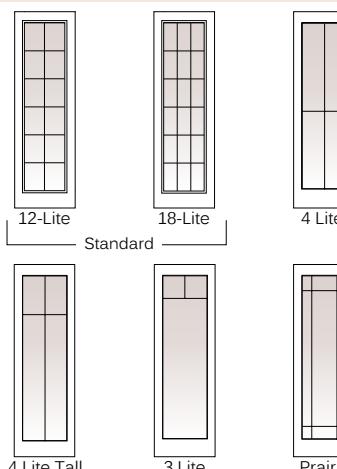
Neuma offers standard 10, 12, 15, and 18 grille patterns as well as custom grille patterns available through special order.

### Available Grille Pattern

6'8 & 6'11 Height



8' Height



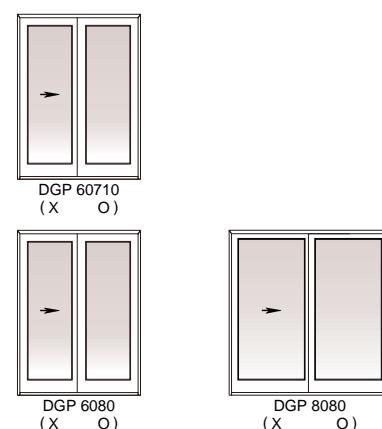
# GLIDING UNITS AND DIMENSIONS

## Full Lite

### Single Panel Units

| Rough Opening | 2'-8 1/4"        | 3'-2 1/4"        | 4'-2 1/4"        | 5'                 | 6'                 | 8'                 |
|---------------|------------------|------------------|------------------|--------------------|--------------------|--------------------|
| Unit Dim.     | 2'-7 1/2"        | 3'-1 1/2"        | 4'-1 1/2"        | 4'-11 1/4"         | 5'-11 1/4"         | 7'-11 1/4"         |
| Glass Dim.    | 21 5/16"         | 27 5/16"         | 38"              | 21 5/16"           | 27 5/16"           | 38"                |
|               | 6'-8"            | 6'-7 1/2"        | 67"              |                    |                    |                    |
|               | DGP 2668<br>(O)  | DGP 3068<br>(O)  | DGP 4068<br>(O)  | DGP 5068<br>(X O)  | DGP 6068<br>(X O)  | DGP 8068<br>(X O)  |
|               | DGP 26611<br>(O) | DGP 30611<br>(O) | DGP 40611<br>(O) | DGP 50611<br>(X O) | DGP 60611<br>(X O) | DGP 80611<br>(X O) |
| Glass Dim.    | 20"              | 26"              | 38"              | 20"                | 26"                | 38"                |
|               | 7'-9 3/4"        | 7'-9 1/4"        | 80"              |                    |                    |                    |
|               | DGP 2680<br>(O)  | DGP 3080<br>(O)  | DGP 4080<br>(O)  | DGP 5080<br>(X O)  | DGP 6080<br>(X O)  | DGP 8080<br>(X O)  |
|               | 8'-0"            | 7'-11 1/2"       | 80"              |                    |                    |                    |

### Two Panel Units



## Full Lite

### Three Panel Units

| Rough Opening | 7'-8 1/8"              | 9'-2 1/8"              | 12'-2 1/8"              | 9'-10"                  | 11'-9 7/8"              |
|---------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|
| Unit Dim.     | 7'-7 3/8"              | 9'-1 3/8"              | 12'-1 3/8"              | 9'-9 1/4"               | 11'-9 1/8"              |
| Glass Dim.    | 21 5/16"               | 27 5/16"               | 38"                     | 21 5/16"                | 27 5/16"                |
|               | 6'-8"                  | 6'-7 1/2"              | 67"                     |                         |                         |
|               | DGP 7668<br>(O - X O)  | DGP 9068<br>(O - X O)  | DGP 12068<br>(O - X O)  | DGP 10068<br>(O X X O)  | DGP 12068<br>(O X X O)  |
|               | DGP 76611<br>(O - X O) | DGP 90611<br>(O - X O) | DGP 120611<br>(O - X O) | DGP 100611<br>(O X X O) | DGP 120611<br>(O X X O) |
| Glass Dim.    | 20"                    | 26"                    | 38"                     | 20"                     | 26"                     |
|               | 8'-0"                  | 7'-11 1/2"             | 80"                     |                         |                         |
|               | DGP 7680<br>(O - X O)  | DGP 9080<br>(O - X O)  | DGP 12080<br>(O - X O)  | DGP 10068<br>(O X X O)  | DGP 12080<br>(O X X O)  |
|               | 8'-0"                  | 7'-11 1/2"             | 80"                     |                         |                         |

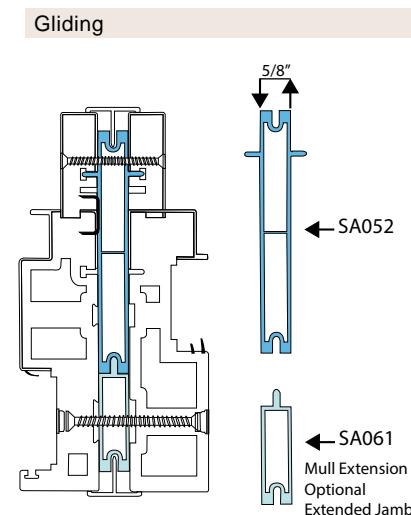
| Reference        | One Panel | Two Panels |
|------------------|-----------|------------|
| Handing Call-out | O         | OX         |
| Reference Code   | S         | SR         |

| Reference        | Three Panels |
|------------------|--------------|
| Handing Call-out | XO-O         |
| Reference Code   | LSS          |

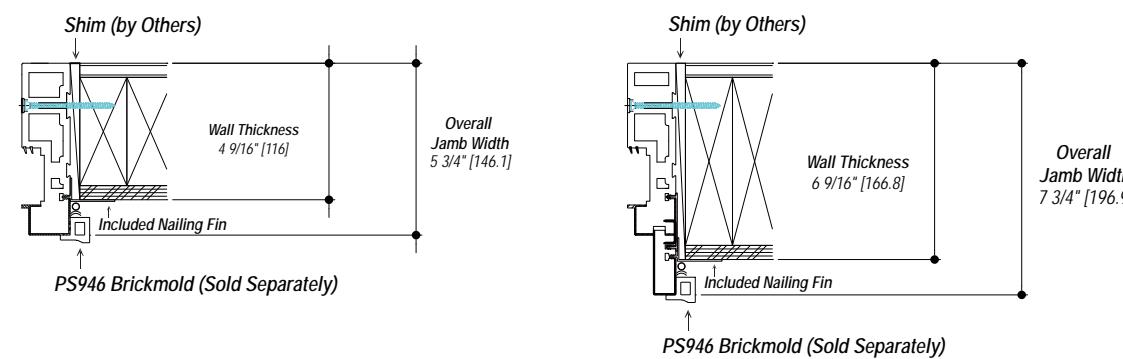
| Reference        | Three Panels |
|------------------|--------------|
| Handing Call-out | OX-O         |
| Reference Code   | SRS          |

| Reference        | Four Panels |
|------------------|-------------|
| Handing Call-out | OXXO        |
| Reference Code   | SPLS        |

## Mull Kits



## Gliding Jamb



When creating a custom configuration by combining panels and door units, add 5/8" to the unit dimension to allow for the width of the aluminum mull.

- Handing from exterior view
- Doors are not reversible
- Retractable screen available as an option

O = Fixed Panel

X = Active Panel

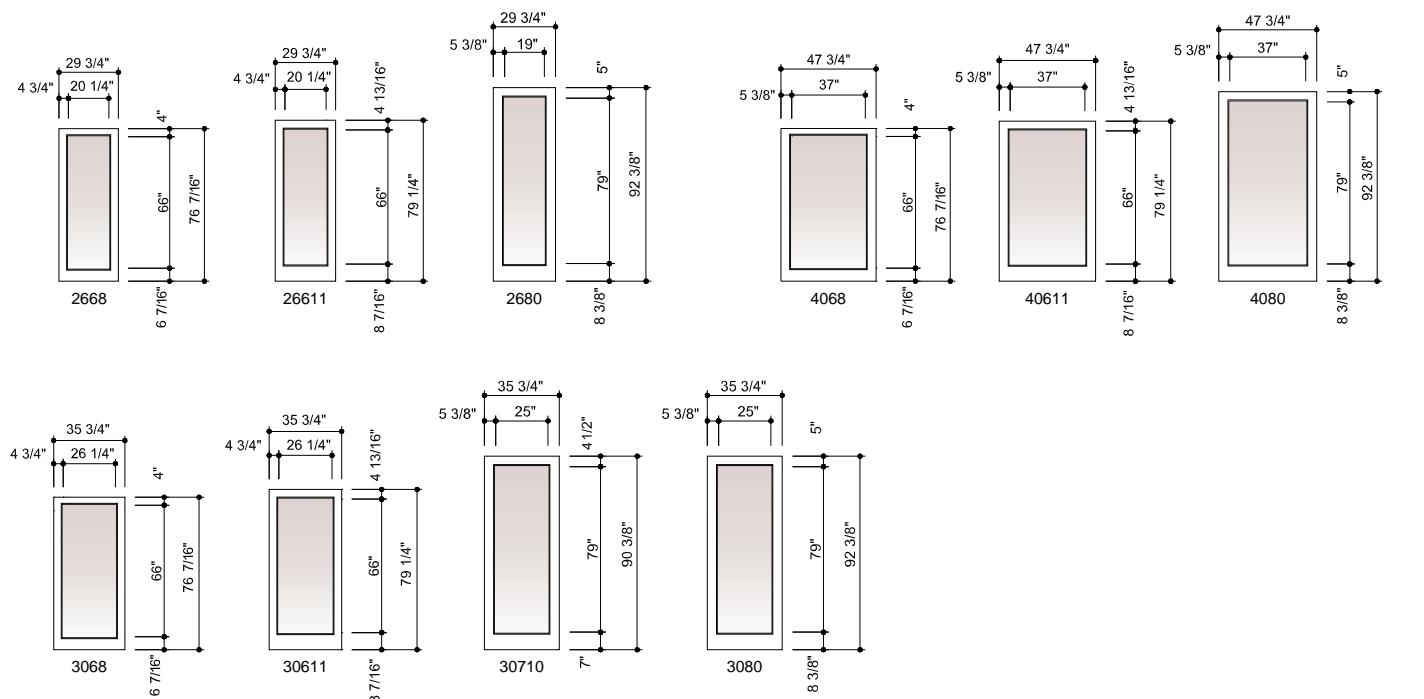
S = Stationary Panel

DGP = Gliding Door

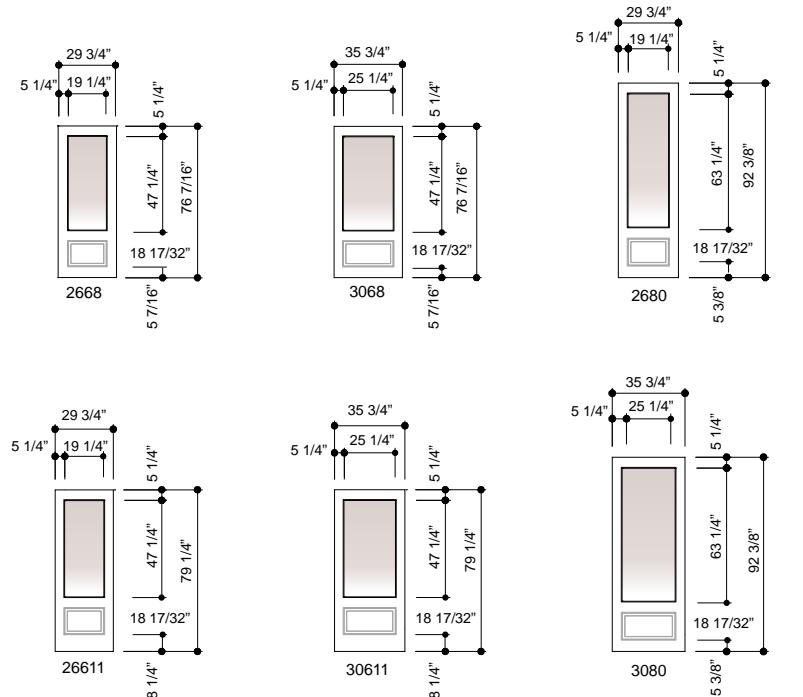
DGB = Bypass Gliding

## Gliding Panel Specifications

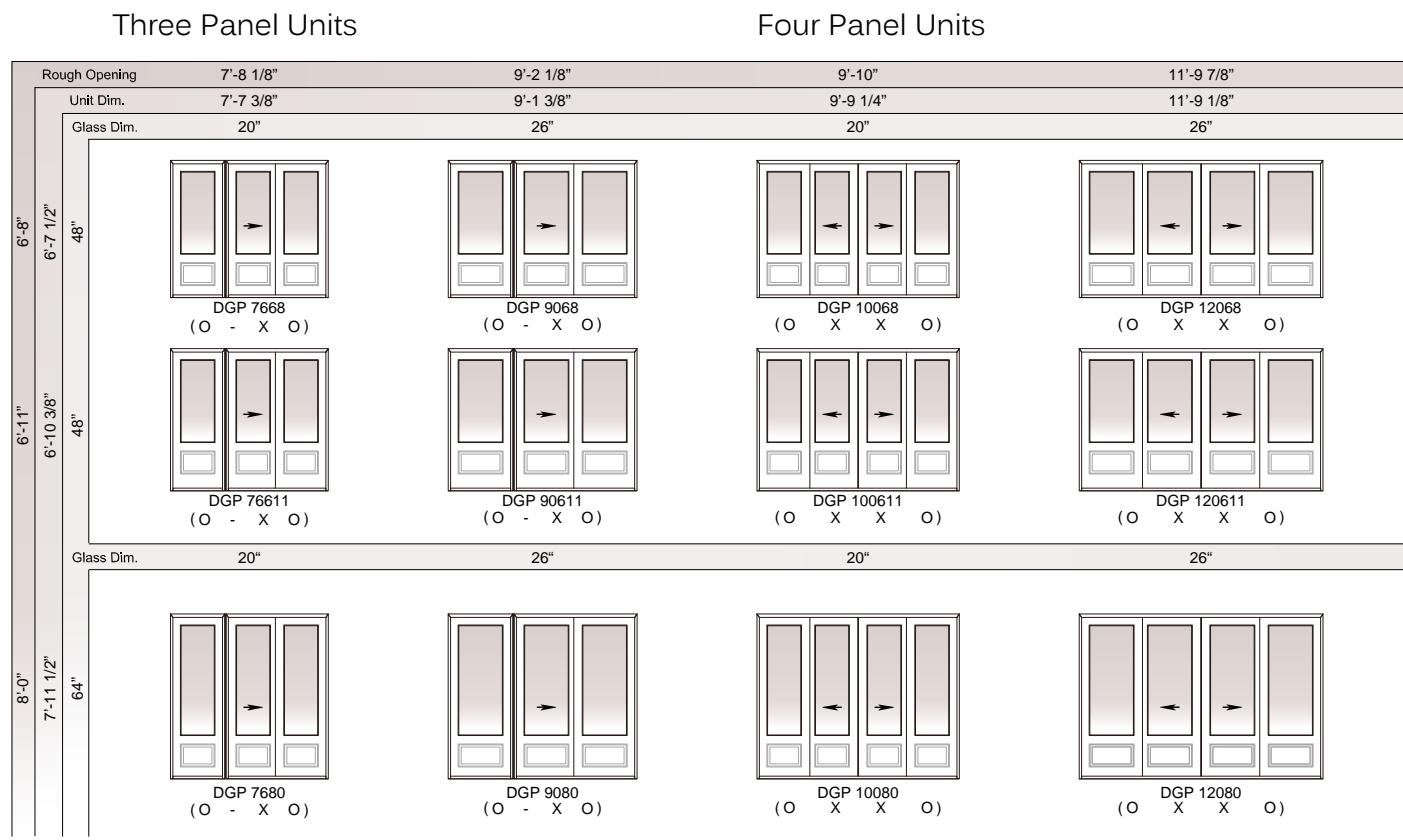
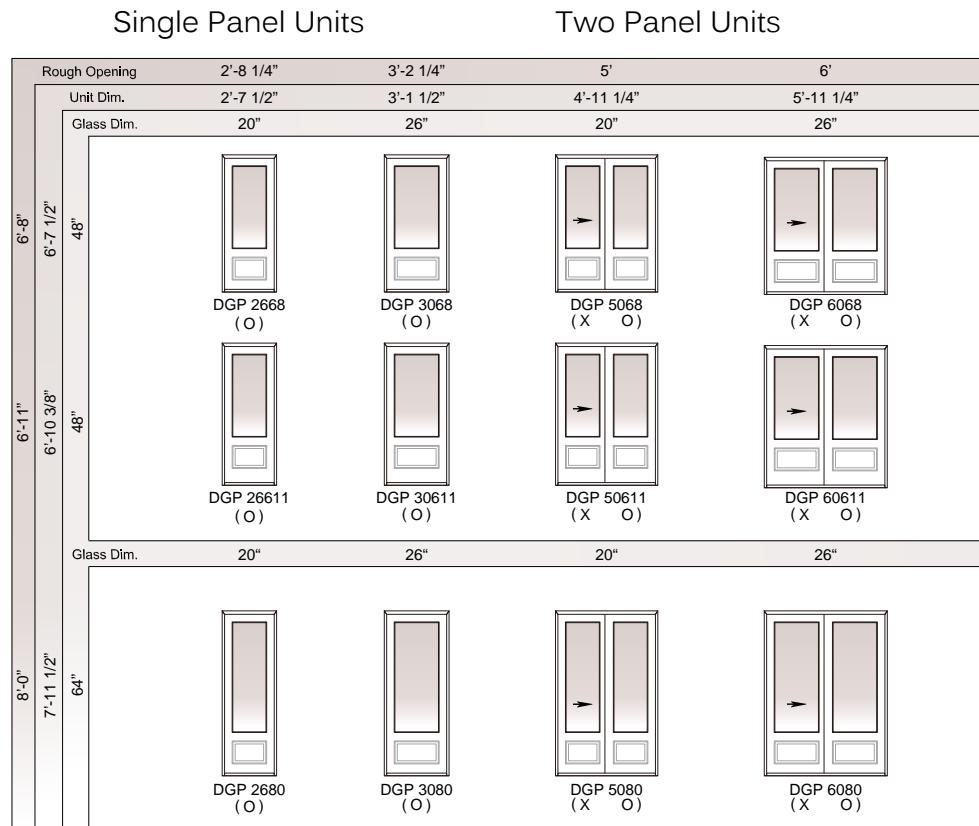
Gliding Patio Doors - Full Lite



Gliding Patio Doors - 3/4 Lite



## 3/4 Lite Gliding Handing



\* Testing not available

## LEGEND

- Handing from exterior view
- Doors are not reversible
- Retractable screen available as an option

O = Fixed Panel  
 X = Active Panel  
 S = Stationary Panel  
 DGP = Gliding Door

## Transoms For Gliding Doors

For Single Panel Units      For 2 Panel Units

| Rough Opening | 2'-8 1/4" | 3'-2 1/4" | 4'-2 1/4" | 5'         | 6'         | 8'         |
|---------------|-----------|-----------|-----------|------------|------------|------------|
| Unit Dim.     | 2'-7 1/2" | 3'-1 1/2" | 4'-1 1/2" | 4'-11 1/4" | 5'-11 1/4" | 7'-11 1/4" |
| Glass Dim.    | 29 7/16"  | 35 7/16"  | 47 7/16"  | 57 1/8"    | 69 1/8"    |            |
|               |           |           |           | 27 3/4"    | 33 3/4"    | 45 3/4"    |
|               |           |           |           |            |            |            |

\* GTG 2610   \* GTG 3010   \* GTG 4010   GTG 5010   GTG 6010  
 \* GTG 5010-2 TDL   \* GTG 6010-2 TDL   \* GTG 8010-2 TDL  
 \* GTG 2614   \* GTG 3014   \* GTG 4014   GTG 5014   GTG 6014  
 \* GTG 5014-2 TDL   \* GTG 6014-2 TDL   \* GTG 8014-2 TDL  
 \* GTG 2620   \* GTG 3020   \* GTG 4020   GTG 5020   GTG 6020  
 \* GTG 5020-2 TDL   \* GTG 6020-2 TDL   \* GTG 8020-2 TDL

## For 3 Panel Units

| Rough Opening | 7'-8 1/8" | 9'-2 1/8" | 12'-2 1/8" |
|---------------|-----------|-----------|------------|
| Unit Dim.     | 7'-7 3/8" | 9'-1 3/8" | 12'-1 3/8" |
| Glass Dim.    | 28 5/8"   | 34 5/8"   | 46 5/8"    |
|               |           |           |            |
|               |           |           |            |

\* GTG 7610-3 TDL   \* GTG 9010-3 TDL   \* GTG 12010-3 TDL  
 \* GTG 7614-3 TDL   \* GTG 9014-3 TDL   \* GTG 12014-3 TDL  
 \* GTG 7620-3 TDL   \* GTG 9020-3 TDL   \* GTG 12020-3 TDL

## For 4 Panel Units

| Rough Opening | 9'-10"    | 11'-9 7/8" |
|---------------|-----------|------------|
| Unit Dim.     | 9'-9 1/4" | 11'-9 1/8" |
| Glass Dim.    | 27 1/2"   | 33 1/2"    |
|               |           |            |
|               |           |            |

\* GTG 10010-4 TDL   \* GTG 12010-4 TDL  
 \* GTG 10014-4 TDL   \* GTG 12014-4 TDL  
 \* GTG 10020-4 TDL   \* GTG 12020-4 TDL



\*For all product testing approval numbers and information, please visit :  
<http://www.neumadoors.com/resource>  
 \*For Florida Building Code Approval, please see :  
[http://www.floridabuilding.org/pr/pr\\_app\\_srch.aspx](http://www.floridabuilding.org/pr/pr_app_srch.aspx)  
 \*For Texas Department of Insurance Approval, see :  
<http://www.tdi.state.tx.us/wind/prod/indexdr.html>  
 \*For Dade County Approval, see :  
[http://www.miamidade.gov/building/pc-search\\_app.asp?](http://www.miamidade.gov/building/pc-search_app.asp?)

## Gliding Transoms Test Results

### Transom - Non Impact

| Product specification    | Design Pressure Rating | Structure Performance (psf) | Water Resistance (psf) | Air Infiltration (cfm/ft <sup>2</sup> ) | AAMA 101 Standard        | Type    |
|--------------------------|------------------------|-----------------------------|------------------------|---|--------------------------|---------|
| GTG 6020                 | DP80                   | +120/-120                   | 12.00                  | 0.01                                    | TR-LC80<br>71 1/4" X 24" | Gliding |
| GTG 12020 (with mullion) | DP75                   | +120/-120                   | 11.25                  | 0.01                                    | TR-R75<br>145 3/8" X 24" |         |

### Transom - Impact

| Product specification    | Design Pressure Rating | Structure Performance (psf) | Water Resistance (psf) | Air Infiltration (cfm/ft <sup>2</sup> ) | Test Standard   | Type    |
|--------------------------|------------------------|-----------------------------|------------------------|---|-----------------|---------|
| GTG 6020                 | DP80                   | +120/-120                   | 12.00                  | 0.01                                    | TAS 201/202/203 | Gliding |
| GTG 12020 (with mullion) | DP80                   | +120/-120                   | 12.00                  | 0.01                                    | TAS 201/202/204 |         |

# GLIDING TEST RESULTS

## Gliding Non-Impact

Full Lite Gliding - Non-Impact AAMA Test Result

| Product specification          | Design Pressure Rating | Structure Performance (psf) | Water Resistance (psf) | Air Infiltration (cfm/ft <sup>2</sup> ) | AAMA 101 Standard           |
|--------------------------------|------------------------|-----------------------------|------------------------|---|-----------------------------|
| 6068,60611, LS/SR(XO/OX)       | DP50                   | +75/-75                     | 7.5                    | 0.028                                   | SGD-Class R-PG50 142" x 83" |
| 9068, 90611, SSR/LSS (OOX/XOO) | DP50                   | +75/-75                     | 7.5                    |   |                             |
| 12068, 120611, SPLS (OXXO)     | DP50                   | +75/-75                     | 7.5                    |   |                             |
| 8068, 80611, LS/SR (XO/OX)     | DP50                   | +75/-75                     | 7.5                    | 0.007                                   | SGD-Class R-PG50 146" x 83" |
| 12068, 120611, SRS (OXO)       | DP50                   | +75/-75                     | 7.5                    |   |                             |
| 6080, LS/SR (XO/OX)            | DP50                   | +75/-75                     | 7.5                    |   |                             |
| 9080, SSR/LSS (OOX/XOO)        | DP50                   | +75/-75                     | 7.5                    | 0.074                                   | SGD-Class R-PG50 142" x 96" |
| 12080, SPLS (OXXO)             | DP50                   | +75/-75                     | 7.5                    |   |                             |
| 8080, LS/SR (XO/OX)            | DP50                   | +75/-75                     | 7.5                    |   |                             |
| 12080, SRS (OXO)               | DP50                   | +75/-75                     | 7.5                    | 0.028                                   | SGD-Class R-PG50 146" x 96" |

Energy Performance Rating - Gliding Non-impact

| Energy Star Climate Zones |            |                      |       |               |       |               |          |      |      |
|---------------------------|------------|----------------------|-------|---------------|-------|---------------|----------|------|------|
| Door Type                 | Door Style | Glass Type           | North | North Central | South | South Central | U-Factor | SHGC | VT   |
| Gliding Non-Impact        | Full Lite  | LoE <sup>3</sup> 366 | *     | *             | *     | *             | 0.26     | 0.18 | 0.40 |
|                           |            | LoE <sup>3</sup> 340 | *     | *             | *     | *             | 0.27     | 0.12 | 0.24 |

Sound Transmission Class - Non-impact

| Product Specification                               | STC | OITC |
|---|-----|------|
| 6068, LS Gliding (1" Special Non-impact Glass)      | 30  | 25   |
| 6068, LS Gliding (0.625" Standard Non-impact Glass) | 27  | 23   |

## Gliding Impact

Full Lite - Impact & Cycle Testing Performance

| Product specification | Max. Testing Dimension | Design Pressure Rating | Structure Performance (psf) | Water Resistance (PSF) | Air Infiltration (cfm/ft <sup>2</sup> ) | Test Standard         |
|-----------------------|------------------------|------------------------|-----------------------------|------------------------|---|-----------------------|
| SRS(OXO)              | 12'1" X 6'11"          | DP50                   | +75/-75                     | 7.5                    | 0.072                                   | ASTM E1886/ASTM E1996 |
| SRS(OXO)              | 12'1" X 6'11"          | DP50                   | +75/-75                     | 7.5                    | 0.011                                   | TAS201/202/203        |
| SPLS(OXXO)            | 11'9" X 6'11"          | DP50                   | +75/-75                     | 7.5                    | 0.01                                    | ASTM E1886/ASTM E1996 |
| SPLS(OXXO)            | 11'9" X 6'11"          | DP50                   | +75/-75                     | 7.5                    | 0.16                                    | TAS201/202/203        |
| SRS(OXO)              | 12'1" X 8'0"           | DP50                   | +75/-75                     | 7.5                    | 0.057                                   | ASTM E1886/ASTM E1996 |
| SRS(OXO)              | 12'1" X 8'0"           | DP50                   | +75/-75                     | 7.5                    | 0.23                                    | TAS201/202/203        |
| SPLS(OXXO)            | 11'9" X 8'0"           | DP50                   | +75/-75                     | 7.5                    | 0.02                                    | ASTM E1886/ASTM E1996 |
| SPLS(OXXO)            | 11'9" X 8'0"           | DP50                   | +75/-75                     | 7.5                    | 0.02                                    | TAS201/202/203        |

Full Lite - Impact & Cycle Testing Performance

| Energy Star Climate Zones |            |                      |       |               |       |               |          |      |      |
|---------------------------|------------|----------------------|-------|---------------|-------|---------------|----------|------|------|
| Door Type                 | Door Style | Glass Type           | North | North Central | South | South Central | U-Factor | SHGC | VT   |
| Gliding Impact            | Full Lite  | LoE <sup>3</sup> 366 | *     | *             | *     | *             | 0.26     | 0.17 | 0.39 |
|                           |            | LoE <sup>3</sup> 340 | *     | *             | *     | *             | 0.26     | 0.11 | 0.24 |

Gliding Patio Doors-Impact & Cycle Testing Performance (3/4 Lite Panel)

| Product specification | Max. Testing Dimension | Design Pressure Rating | Structure Performance (psf) | Water Resistance (PSF) | Air Infiltration (cfm/ft <sup>2</sup> ) | Test Standard         |
|-----------------------|------------------------|------------------------|-----------------------------|------------------------|---|-----------------------|
| SPLS(OXXO)            | 11'9" X 6'11"          | DP50                   | +75/-75                     | 7.5                    | 0.01                                    | ASTM E1886/ASTM E1996 |
| SPLS(OXXO)            | 11'9" X 8'0"           | DP50                   | +75/-75                     | 7.5                    | 0.02                                    | ASTM E1886/ASTM E1996 |

Gliding Patio Doors - Non-Impact AAMA Test Results (3/4 Lite Panel)

| Product specification        | Design Pressure Rating | Structure Performance (psf) | Water Resistance (psf) | Air Infiltration (cfm/ft <sup>2</sup> ) | AAMA 101 Standard           |
|------------------------------|------------------------|-----------------------------|------------------------|---|-----------------------------|
| 6068,60611, LS/SR(XO/OX)     | DP50                   | +75/-75                     | 7.5                    | 0.028                                   | SGD-Class R-PG50 142" x 83" |
| 9068, 90611, SSR/LSS (XO/OX) | DP50                   | +75/-75                     | 7.5                    |   |                             |
| 12068, 120611, SPLS (OXXO)   | DP50                   | +75/-75                     | 7.5                    |   |                             |
| 8068, 80611, LS/SR (XO/OX)   | DP50                   | +75/-75                     | 7.5                    | 0.007                                   | SGD-Class R-PG50 146" x 83" |
| 12068, 120611, SRS (OXO)     | DP50                   | +75/-75                     | 7.5                    |   |                             |
| 6080, LS/SR (XO/OX)          | DP50                   | +75/-75                     | 7.5                    |   |                             |
| 9080, SSR/LSS (OOX/XOO)      | DP50                   | +75/-75                     | 7.5                    | 0.074                                   | SGD-Class R-PG50 142" x 96" |
| 12080, SPLS (OXXO)           | DP50                   | +75/-75                     | 7.5                    |   |                             |
| 8080, LS/SR (XO/OX)          | DP50                   | +75/-75                     | 7.5                    |   |                             |
| 12080, SRS (OXO)             | DP50                   | +75/-75                     | 7.5                    | 0.028                                   | SGD-Class R-PG50 146" x 96" |



Gliding Full Lite Door with Sidelights and Transoms  
Smooth White Finish | LoE366 Glass | 12 Lite SDL

# BYPASS GLIDING SERIES

The Neuma Bypass Gliding Patio Doors are a modern, polished option designed for large openings and available with various finish, glass, and configuration customizations. Unlike hinged doors, they do not require internal or external space to operate, giving you freedom to decorate and style your home without concern about your patio door getting in the way. A bypass door with full lite panels modernizes your space while infusing your space with natural light.

## Glass Options

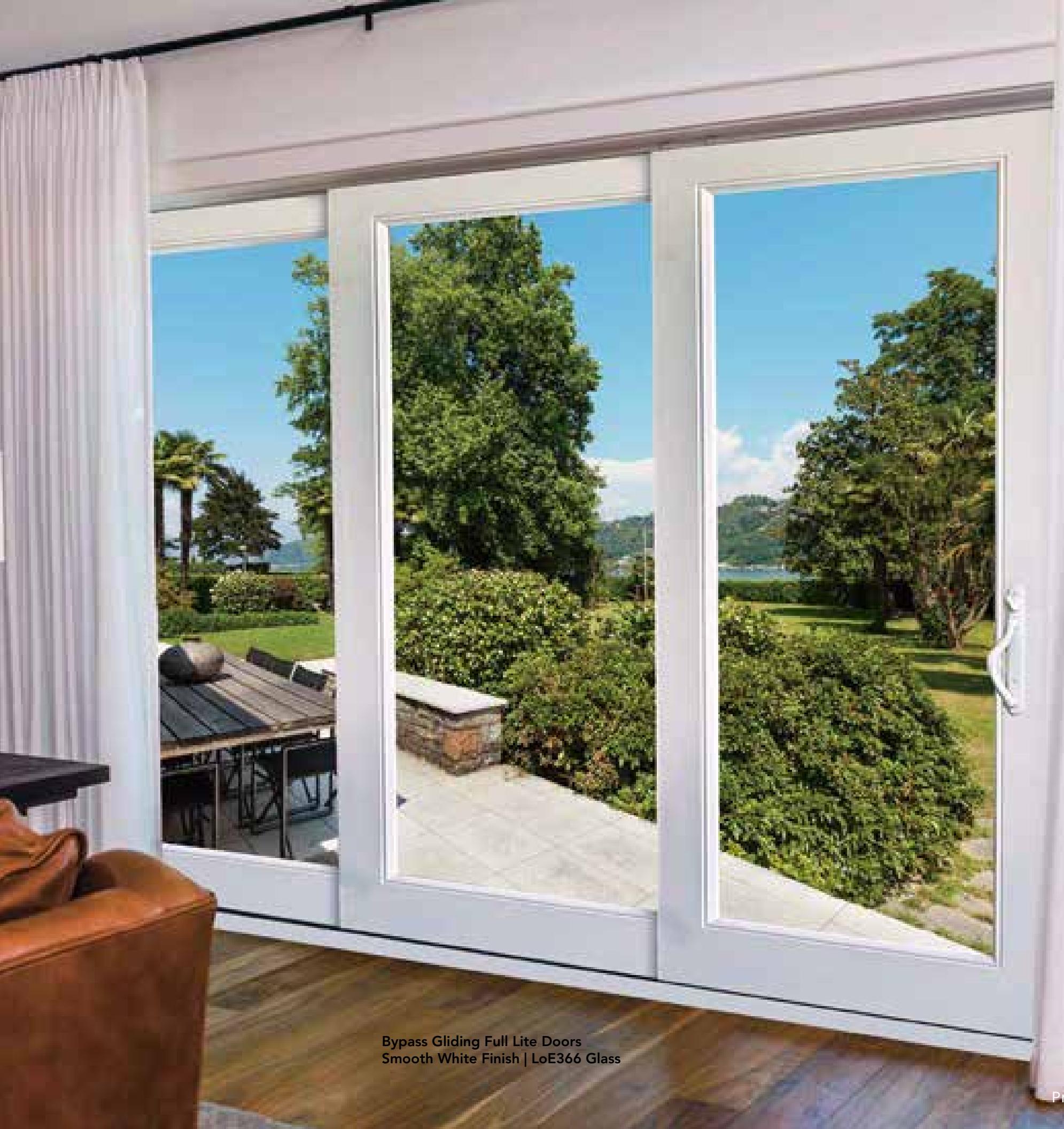
Neuma Bypass Gliding Patio Doors come standard with energy efficient LoE<sup>3</sup> 366 glass to keep your home protected from variations in outside temperature while maintaining light and visibility. We also offer impact rated glass options designed specifically to meet requirements for impact, air, water, and structural wind loads. The structural performance and hardware of all systems ensures that your family can delight in your bypass patio door for years to come.

## Security

Multipoint locking systems are standard on all 8' bypass gliding door systems to give you peace of mind. All 6'8" and 6'11" bypass gliding doors come standard with single point lock systems, with optional multipoint locks available for added strength and security.

## Design and Customization

The bypass door panels feature extended views and ample natural light when closed. When open, they offer a sleek and unobtrusive transition to your outdoor space. Composite edging provides advanced moisture protection and maximum durability to withstand the elements. Durable fiberglass skin will not rust, dent, split or rot, ensuring that your family can enjoy your bypass patio door for years to come. HPVD coated handle sets are available in Gold Brass or Satin Nickle to provide additional protection from the elements. The standard smooth white interior and exterior finish can be painted to complement your home's color palette and match any style.

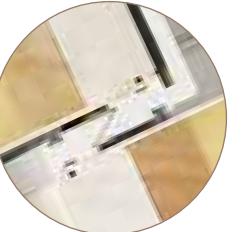


Bypass Gliding Full Lite Doors  
Smooth White Finish | LoE366 Glass

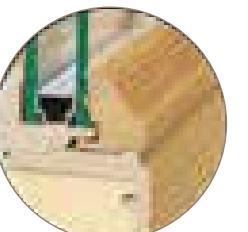
## FEATURES



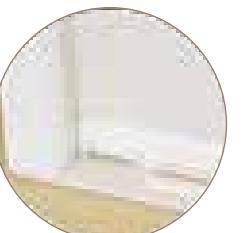
- Complete fiberglass multi-slide door system with composite frame and integrated Hydroshield Technology for advanced weather protection
- High performance composite jambs prevent warping, splitting and rotting
- High-Impact fiberglass door skins resist corrosion, rotting or cracking
- Waterproof composite stiles and rails prevent water absorption
- Designed for openings up to 8'10" wide by 8' tall
- Continuous composite header and bottom track sill system
- Standard high-performance LoE<sup>3</sup> 366 glass
- DP 50 rated
- Impact option available
- 8-3/16" Frame



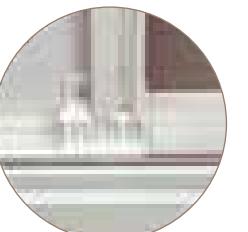
1 WeatherGuard waterproof composite Jambs



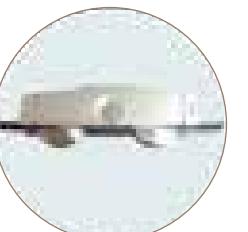
2 Advanced Interlocking Seal Design



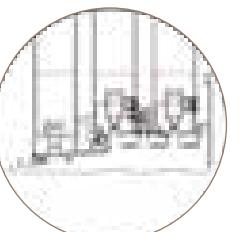
3 Co-extruded glazing bead



4 Weep Hole



5 Bottom Wind Stopper



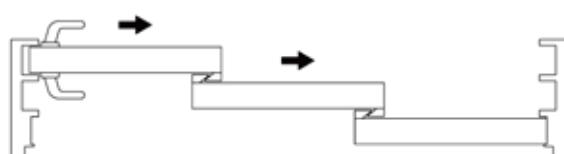
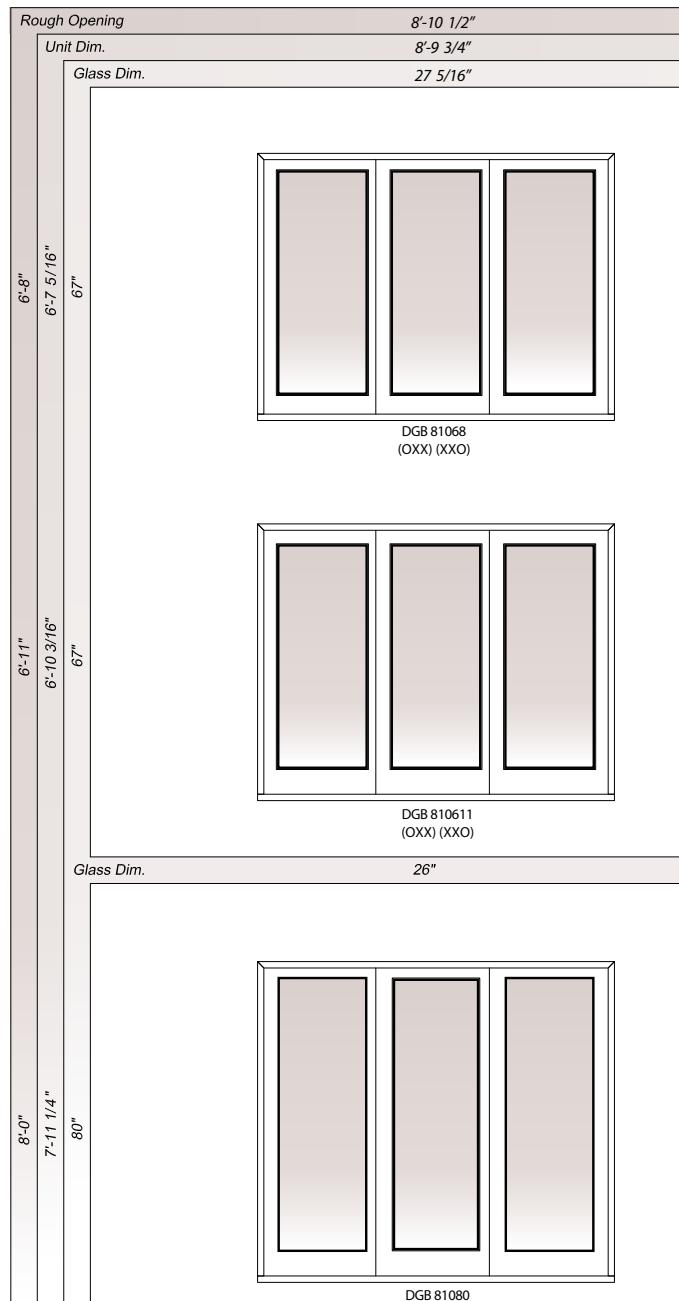
6 Adjustable Stainless Steel Tandem Rollers

7 Composite One-piece Sill



Bypass Gliding Full Lite Doors  
Smooth White Finish | LoE366 Glass

# BYPASS GLIDING UNITS AND DIMENSIONS



- Handing from exterior view
- Doors are not reversible
- Retractable screen available as an option

O = Fixed Panel  
 X = Active Panel

O = Fixed Panel  
 X = Active Panel  
 S = Stationary Panel  
 DGP = Gliding Door  
 DGB = Bypass Gliding

# BYPASS GLIDING TEST RESULTS

## Bypass Gliding - Non-Impact AAMA Test Results

| Product specification     | Design Pressure Rating | Structure Performance (psf) | Water Resistance (PSF) | Air Infiltration (cfm/ft <sup>2</sup> ) | AAMA 101 Standard               |
|---------------------------|------------------------|-----------------------------|------------------------|---|---------------------------------|
| LPS (XXO)_no sill riser   | DP50                   | +75/-75                     | 6.0                    | <0.01                                   | SD-CLASS R-PG50<br>106" x 82"   |
| LPS (XXO)_with sill riser |                        | +75/-75                     | 7.5                    |   |                                 |
| LPS (XXO)_no sill riser   | DP50                   | +75/-75                     | 6.0                    | <0.01                                   | SD-CLASS R-PG50<br>106" x 95.5" |
| LPS (XXO)_with sill riser |                        | +75/-75                     | 7.5                    |   |                                 |

## Bypass Gliding - Impact & Cycle Testing Performance

| Product specification     | Max. Testing Dimension | Design Pressure Rating | Structure Performance (psf) | Water Resistance (PSF) | Air Infiltration (cfm/ft <sup>2</sup> ) | Test Standard           |
|---------------------------|------------------------|------------------------|-----------------------------|------------------------|---|-------------------------|
| LPS (XXO)_no sill riser   | 106" x 82"             | DP50                   | +75/-75                     | 6.0                    | <0.1                                    | ASTM E1886 / ASTM E1996 |
| LPS (XXO)_with sill riser |                        |                        | +75/-75                     | 7.5                    |   |                         |
| LPS (OXO)_no sill riser   | 106" x 95.5"           | DP50                   | +75/-75                     | 6.0                    | <0.1                                    | ASTM E1886 / ASTM E1996 |
| LPS (OXO)_with sill riser |                        |                        | +75/-75                     | 7.5                    |   |                         |

## Energy Performance Rating - For Gliding Patio Doors Impact

| Door Type                 | Door Style | Glass Type              | Energy Star Climate Zones |               |       |               | U-Factor | SHGC | VT   |
|---------------------------|------------|-------------------------|---------------------------|---------------|-------|---------------|----------|------|------|
|                           |            |                         | North                     | North Central | South | South Central |          |      |      |
| Bypass Gliding Non-Impact | Full Lite  | LoE <sup>3</sup> 366    | *                         | *             | *     | *             | 0.26     | 0.18 | 0.40 |
|                           |            | LoE <sup>3</sup> 340    | *                         | *             | *     | *             | 0.27     | 0.12 | 0.24 |
|                           |            | LoE <sup>3</sup> Blinds | -                         | -             | -     | -             | 0.29     | 0.36 | 0.41 |
| Bypass Gliding Impact     | Full Lite  | LoE <sup>3</sup> 366    | *                         | *             | *     | *             | 0.26     | 0.17 | 0.39 |
|                           |            | LoE <sup>3</sup> 340    | *                         | *             | *     | *             | 0.26     | 0.11 | 0.24 |

\*For all product testing approval numbers and information, please visit <http://www.neumadoors.com/resource>

\*\*For Florida Building Code Approval, please see [http://www.floridabuilding.org/pr/pr\\_app\\_srch.aspx](http://www.floridabuilding.org/pr/pr_app_srch.aspx). For Texas Department of Insurance Approval, see <http://www.tdi.state.tx.us/wind/prod/indexdr.html>. For Dade County Approval, see [http://www.miamidade.gov/building/pc-search\\_app.asp](http://www.miamidade.gov/building/pc-search_app.asp)



# Transom & Sidelight Options

Enhance the look of your door and brighten your space with transoms and sidelights.

Transom windows above the door add charm and character and allow light to pass while, maintaining your privacy. Neuma Doors offers transoms in a variety of sizes and styles for both hinged and gliding door styles. With an array of divided light patterns, you can design the transom to compliment the style of your home and patio door.

- \* Net Jamb dimensions are 5-3/4" and 7-3/4"
- \* Shipped unstacked (not mulled)
- \* Transoms are tested separately from door unit.

Sidelights visually open up the doorway and increase the ambient light and access to the outdoor views. Choose from our expansive offering of sidelights for both hinged and gliding doors. For added fresh air ventilation, select the Vented Sidelight option which features fully operable sidelights with multi-point locks and stationary screens.



Double Hinged Vented Sidelight Door  
Smooth White | LoE366 Glass

# BUILD YOUR OWN COMBINATION

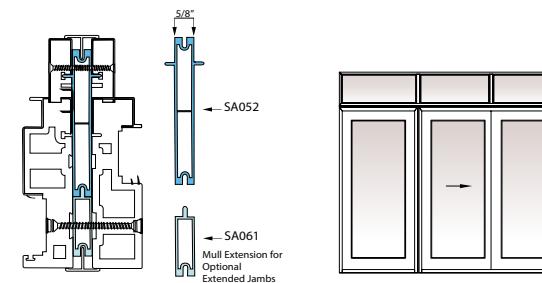


Double Hinged Full Lite Door with Transom  
Bronze Finish | LoE366 Glass

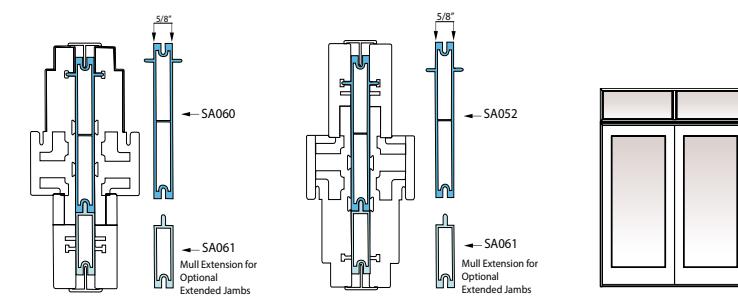
## Typical Sidelight and Transom Combinations

Combination with mull kit

Gliding Series

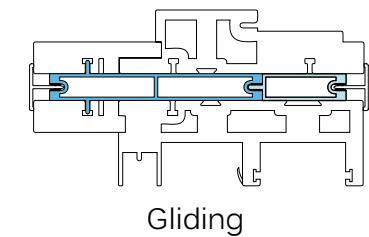
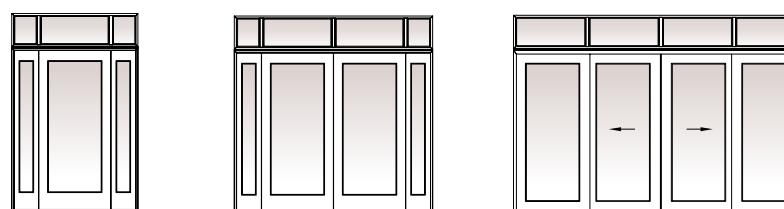


Hinged Series

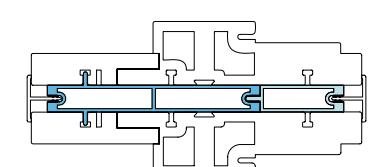
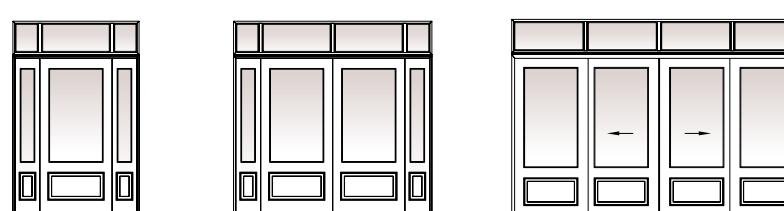


Combination with mull post and continuous sill

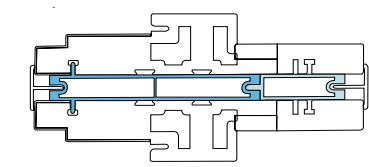
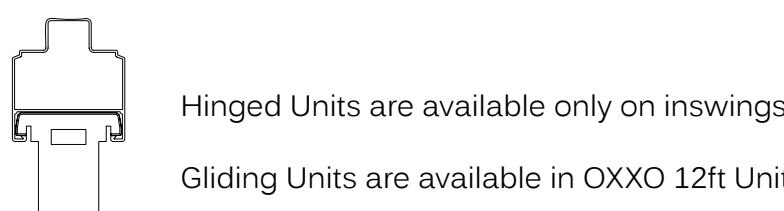
Transom Mull Kit



Gliding



Inswing Hinged



Outswing Hinged

Hinged Units are available only on inswings

Gliding Units are available in OXXO 12ft Units

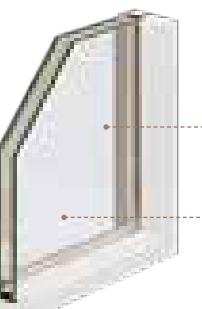


Double Hinged Full Lite Doors  
Smooth White Finish | LoE366 Glass | 4 Lite Tall SDL

## GLAZING OPTIONS

### Standard Insulated Glass

The insulating effect of your doors has a direct impact on how your rooms feel. Our glazing options provide not only a beautiful entry, but also a reliable barrier against the heat and damaging rays of the hot sun. Each double pane LoE<sup>3</sup> glass option provides Argon gas filled insulation to prevent the transfer of heat, keeping heat in during the winter and out during the summer. Available LoE<sup>3</sup> glass options are designed to reflect ultraviolet light, not only keeping interiors cooler or warmer, but also protecting interior furnishings from fading. Warm edge spacers help to keep the panes at the correct distance apart while reducing heat flow and preventing condensation.



Argon filled units for  
energy efficiency

LoE<sup>3</sup> 366 glass

### Standard LoE<sup>3</sup> 366 glass, Ultimate performance glass

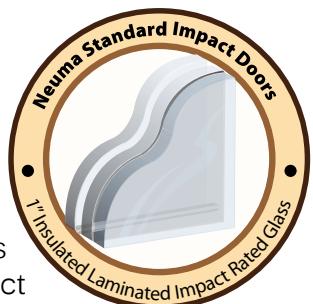
An unprecedented 3 layers of silver and Argon gas fill results in a clear coating that blocks the solar heat gain, reflects heat and lets the light stream in giving you the ideal balance of solar control and high visibility. LoE<sup>3</sup> 366 is also the perfect choice for cold weather climates, helping to keep higher interior glass temperatures in cold weather, dramatically improving any thermal discomfort from the cold outside air.

### Optional LoE<sup>3</sup> 340 glass, Glare back at the sun

The solution to solar glare and thermal discomfort starts with LoE<sup>3</sup> 340 glass with Argon gas fill. Uncontrolled sunlight can be an offender by bringing thermal discomfort and creating visual glare. LoE<sup>3</sup> 340 glass provides a great combination of aesthetic appeal along with energy savings and indoor comfort.

### Optional Insulated Laminated Impact Glass

Laminated glazing offers the greatest protection from life's storms. Neuma Doors impact glazing gives you and your home the best level of security and assurance. During windstorms and hurricanes, wind borne wreckage can impact windows, with gusting, pervasive winds to follow. The broken glass fragments adhere to the interlayer and maintain the home's defense from the wind, rain and forced entry.



### Optional Grilles Between Glass (GBG)

Flat white  $\frac{3}{4}$ " grilles between two layers of glass are available in 10, 12, 15 and 18 standard lite patterns or can be customized by special order.



### Optional Simulated Divided Lites (SDL)

Simulated divided lites give you the classic look and feel of a true divided lite door. 100% composite SDL bars are fixed directly to the glass and can be ordered with or without Grilles Between the Glass. 7/8" SDL bars are available for 5/8", 3/4" and 1" glaze options in both smooth and woodgrain textures in finishes to match the door's finish.



Double Hinged Full Lite Door  
Smooth White Finish | Blinds Between Glass

## BLINDS Between The Glass

Available in either Clear or LoE options, Blinds Between the Glass feature a cordless tilt, raise and lower operation. The mini-blinds are sealed between 2 panes of glass within the door and provide several key benefits.

### CLEANLINESS

No accumulation of dust or allergens.

### SAFETY

No hanging cords or operators and provide maximum safety protection for children and pets.

### PRIVACY AND LIGHT CONTROL

Flexibility to adjust to your desired level of privacy and sunlight. Raise the blinds completely for maximum sunlight and an unobstructed view or close completely for privacy.

### DURABILITY

Blinds stay protected from damage behind the glass and away from curious little fingers and paws.

### LoE BLINDS

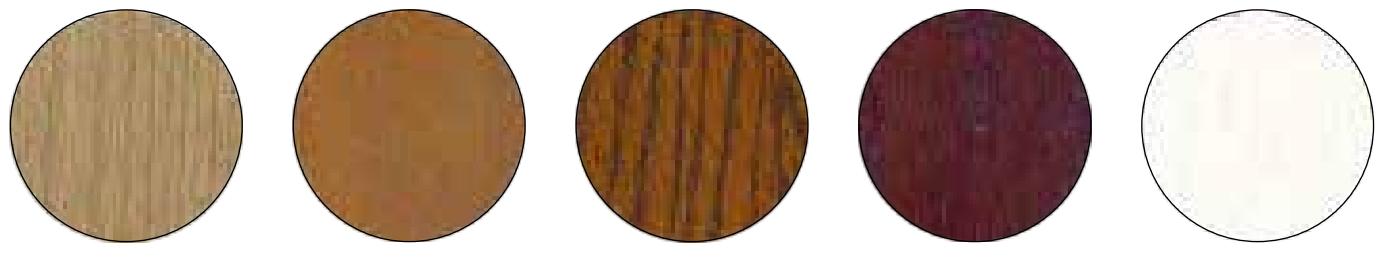
The LoE Blinds Between the Glass option are built with LoE glass that improves the energy efficiency of the door. The one operator control system provides raise, lower AND tilt options in one sleek operator design.



\*Blinds not available in 3/4 lite panels

# FINISH OPTIONS

## Pre-pigmented or pre-stained colors



Unstained

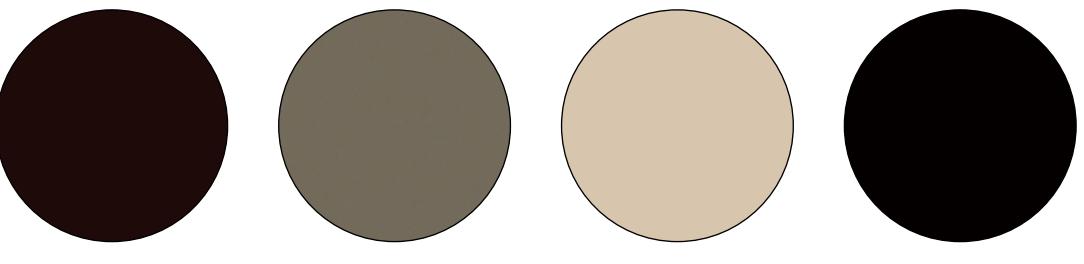
Golden Oak

Medium Oak

Dark Mahogany

White Wood grain

## Paint finish colors



Bronze

Brainstorm Bronze

Kilim Beige

Black

\*\*\* Colors and finishes in this publication are not actual representations.

|            | Standard Finish.                               |           | Pre-finished combinations available for Neuma's Patio Door Units.  |               |               |            |              |            |              |                  |                  |  |
|------------|--|-----------|--|---------------|---------------|------------|--------------|------------|--------------|------------------|------------------|--|
|            | Standard finish on all of Neuma's Patio Doors. |           | Neuma customers can have their patio doors customized with the following pre-finished combinations. There is an additional 8-10 week turnaround time on all orders. This option saves time and money by eliminating the need for finishing on-site. * The smooth white is not a finished face. |               |               |            |              |            |              |                  |                  |  |
| Color Code | 002  | 300       | 3N2  | 3MF           | 3M2           | 3RF        | 3R2          | 3KF        | 3K2          | 003              | 302              |  |
| Interior   | *  |           |  |               |               |            |              |            |              |                  |                  |  |
|            | Smooth White                                   | Unstained | Unstained  | Dark Mahogany | Dark Mahogany | Golden Oak | Golden Oak   | Medium Oak | Medium Oak   | White Wood Grain | White Wood Grain |  |
| Exterior   | *  |           | *  |               | *             |            | *            |            | *            |                  | *                |  |
|            | Smooth White                                   | Unstained | Smooth White   | Dark Mahogany | Smooth White  | Golden Oak | Smooth White | Medium Oak | Smooth White | White Wood Grain | Smooth White     |  |



Double Hinged Full Lite Door  
Medium Oak Finish | LoE366 Glass | 6 Lite SDL

| Color Code | 2A2    | 2C2               | 2E2         | 2B2   |
|------------|--------|-------------------|-------------|-------|
| Interior   |        |                   |             |       |
|            | Bronze | Brainstorm Bronze | Kilim Beige | Black |
| Exterior   |        |                   |             |       |
|            | Bronze | Brainstorm Bronze | Kilim Beige | Black |

Customize your door with one of our standard paint finishes. The paint finish program is only applicable to smooth white doors and includes the painted finish on both the interior and exterior sides of the door. Paint finish on only one side of the door or a paint color other than one of the standard colors of the door is a special order and may be subject to a minimum order quantity.

There is an additional 5 week turnaround time for all painted finish orders. This option saves time and money by eliminating the need for finishing on site.



Double Hinged Full Lite Door  
Kilim Beige Finish | LoE366 Glass

# HARDWARE



Tiffany Series



Royal Series

## Standard Hinged Hardware

- Single Point Lock Systems are standard on 6'8" and 6'11" doors
- Multi Point Lock Systems are standard on 7'6" & 8'0" doors
- Handle Sets are available in your choice of color and style

### Hardware Options

- Multi Point Lock Systems are optional on 6'-8", 6'-11" doors.
- HPVD (High Physical Vapor Deposition) coated handle sets are available in the Royal Style handle set in Gold Brass or Satin Nickel colors. The HPVD coating provides additional protection in harsh environments. HPVD coating requires proper maintenance. **See maintenance guide for proper care instructions.**



Standard Handleset Choices

## Standard Gliding Hardware

- Single Point Lock Systems are standard on 6'8" and 6'11" doors
- Multi Point Lock Systems are standard on 7'10" and 8'0" doors
- White Sills are standard on all doors
- Handle Sets are available in your choice of color

### Hardware Options

- Multi Point Lock Systems are optional on 6'-8" and 6'-11" doors
- HPVD (High Physical Vapor Deposition) coated handle sets are available in Gold Brass or Satin Nickel colors. The HPVD coating provides additional protection in harsh environments. HPVD coating requires proper maintenance. **See maintenance guide for proper care instructions.**
- Straight exterior handle in Satin Nickel finish set is available as an option (straight handle set not compatible with blinds between glass option)



Standard Lock System



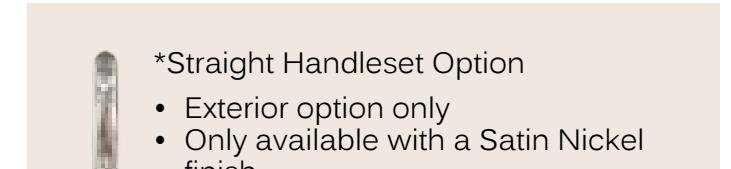
Optional Multi Point Lock System for 6'8", 6'11"

|  |  |  |  |  |  |
|--|--|--|--|--|--|
| Standard Single 6'8" & 6'11"   | Optional Multi-Point Lock 6'8" & 6'11"   | Standard on our 7'6" & 8'0" doors                | Standard Single Point Lock System for 6'8", 6'11"  | Optional Multi Point Lock System for 6'8", 6'11"   | Standard on Our 7'-10" & 8'-0" Doors   |
| Precision-engineered entry spring latch and dead bolt lock design standard on Neuma's 6'8" and 6'11" door units. | Stainless steel strike plates provide excellent corrosion resistance, enhanced performance, smooth operation, and the best security value. | Standard Multi Point Lock System for 7'6" & 8'0" | Precision-engineered single mortise hook-style lock and keeper come standard on Neuma's 6'8" and 6'11" door units. | Stainless steel strike plates provide excellent corrosion resistance, enhanced performance, smooth operation, and the best security value. | Neuma's 7'-10" & 8'-0" doors come standard with our multi-point lock system. Unique to our 7'-10" & 8'-0" gliding door units, it features a 3 hook lock and keeper design to maintain the highest level of security. |

\*Multi-lock plate and strike plates are available in gold brass and satin nickel finishes only.



Gold Brass Satin Nickel Dark Brown White (Powder Coated)



\*Straight Handleset Option

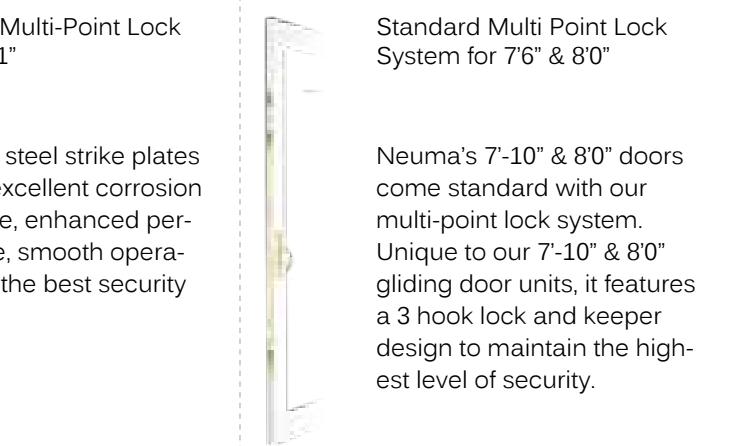
- Exterior option only
- Only available with a Satin Nickel finish



Standard Single 6'8" & 6'11"



Optional Multi-Point Lock 6'8" & 6'11"



Standard Multi Point Lock System for 7'-10" & 8'-0"

\*Multi-lock plate and strike plates are available in gold brass and satin nickel finishes only.

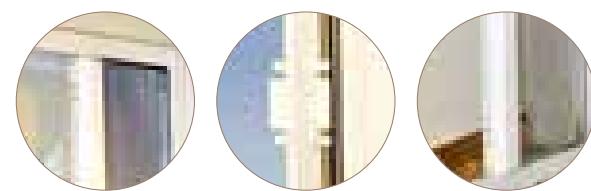


Double Hinged Full Lite Doors  
Smooth White Finish | LoE366 Glass | 3 Lite SDL

## ADDITIONAL OPTIONS - SOLD SEPARATELY

### Screens

- Our retractable screens can be used in most of our patio Door Systems: Inswing, Outswing, Center Hinged and Gliding.
- Available for single and double door units.
- Screentrack with individual lock plunger to open each door with ease. No magnets.
- Screen option not available for any unit with ADA sill.

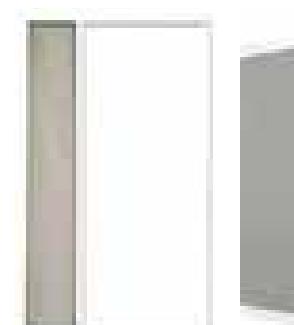


Screen doors provide the perfect solution when you want maximum airflow and light infiltration while keeping bugs out of your home. On temperate days, screen doors allow you to enjoy the outdoor weather without the hassle of pesky insects. Enjoy the sunlight, the summer breeze, and the sounds of nature of your outside space while maintaining an indoor space free of unwelcome critters.

Our classic screen door sits in its own track and slides out of the way when the door is in use. The screen can be closed when the main door is open to provide airflow and passage of light while deterring outdoor pests. When pushed aside, the screen door sits in front of the stationary panel to allow uninhibited use of the main door.

For a low-profile, modern look try our vanishing screen. When engaged, the screen covers the door opening to allow fresh air and sunlight into your home.

When you are ready to disengage the screen, it retracts completely, rolling into its canister. The vanishing screen is perfect if you want the flexibility of a screen door without the commitment to the look of a more traditional style screen door.



Retractable Screen



Standard Gliding Screen

### Brickmold Options



Smooth White

Brickmold fills the gap between the exterior facing of a building and the doorframe and serves as a visual border between the masonry of the home and the door. Available in a variety of profiles to complement any architectural style, brickmold adds charm and curb appeal to the home.



Unstained Woodgrain

Whether for new construction or renovation, Neuma Doors allows you to customize your new door by selecting one of our brickmold options. Neuma Doors offers brickmold in unstained woodgrain or smooth white texture. Our brickmold is both stainable and paintable, allowing you to match your new brickmold with existing shutters, siding, or trim on your home and make a stunning impact.



# PRODUCT DETAILS CHART

| Feature  | Full Lite Hinged Doors   | 3/4 Lite Hinged Doors  | Vented Sidelight Doors   | Full Lite Gliding Doors  | 3/4 Lite Gliding Doors   | Bypass Gliding Doors   |
|--|--|--|--|--|--|--|
| <b>Operation</b>   | Inswing, Outswing  | Inswing, Outswing  | Inswing  | Gliding  | Gliding  | Gliding  |
| <b>Skin Material</b>   | Fiberglass   | Fiberglass   | Fiberglass   | Fiberglass   | Fiberglass   | Fiberglass   |
| <b>Skin Texture</b>  | Oak Grain or Smooth  | Mahogany Grain or Smooth   | Oak Grain or Smooth  | Oak Grain or Smooth  | Mahogany Grain or Smooth   | Smooth   |
| <b>Exterior Finish</b>                                       | Stained, Painted, Unstained Woodgrain, White Woodgrain or Smooth White                   | Stained, Painted, Unstained Woodgrain, White Woodgrain or Smooth White | Stained, Painted, Unstained Woodgrain, White Woodgrain or Smooth White                   | Stained, Painted, Unstained Woodgrain, White Woodgrain or Smooth White                   | Stained, Painted, Unstained Woodgrain, White Woodgrain or Smooth White | Painted or Smooth White  |
| <b>Interior Finish</b>                                       | Stained, Painted, Unstained Woodgrain, White Woodgrain or Smooth White                   | Stained, Painted, Unstained Woodgrain, White Woodgrain or Smooth White | Stained, Painted, Unstained Woodgrain, White Woodgrain or Smooth White                   | Stained, Painted, Unstained Woodgrain, White Woodgrain or Smooth White                   | Stained, Painted, Unstained Woodgrain, White Woodgrain or Smooth White | Painted or Smooth White  |
| <b>Frame Material</b>  | Composite  | Composite  | Composite  | Composite  | Composite  | Composite  |
| <b>Height Options</b>  | 6'8", 6'11", 7'6", 8'0"  | 6'8", 6'11", 8'0"  | 6'8"   | 6'8", 6'11", 7'10", 8'0"   | 6'8", 6'11", 8'0"  | 6'8", 6'11", 8'0"  |
| <b>Width Options</b>   | 2'2-1/16", 2'6-5/8", 2'8-5/8", 3'0-5/8"  | 2'6-5/8", 2'8-5/8", 3'0-5/8"   | 5'-10", 7'-10" overall unit widths   | 2'7-1/2", 3'1-1/2", 4'-1-1/2"  | 2'7-1/2", 3'1-1/2"   | 8'-9 7/8" overall unit width   |
| <b>Panel Options</b>   | 1,2 or 3 panels  | 1,2 or 3 panels  | 3 or 4 panels  | 1,2,3 or 4 panels  | 1,2,3 or 4 panels  | 3 panels   |
| <b>Sidelite Width Options</b>                                | 1'0", 1'2", 1'11-1/4"  | 1'2"   | Included with unit   | Not Available  | Not Available  | Not Available  |
| <b>Glass Options</b>   | LoE <sup>3</sup> 366, LoE <sup>3</sup> 340, Textured, Clear Blinds, LoE Blinds, SDL, GBG | LoE <sup>3</sup> 366, LoE <sup>3</sup> 340, Textured, SDL, GBG         | LoE <sup>3</sup> 366, LoE <sup>3</sup> 340, Textured, Clear Blinds, LoE Blinds, SDL, GBG | LoE <sup>3</sup> 366, LoE <sup>3</sup> 340, Textured, Clear Blinds, LoE Blinds, SDL, GBG | LoE <sup>3</sup> 366, LoE <sup>3</sup> 340, Textured, SDL, GBG         | LoE <sup>3</sup> 366, LoE <sup>3</sup> 340, Textured, Clear Blinds, LoE Blinds, SDL, GBG |
| <b>Sill Width Options</b>                                    | 4-9/16", 6-9/16" Net 5-3/4", 7-3/4"  | 4-9/16", 6-9/16" Net 5-3/4", 7-3/4"                                    | 4-9/16", 6-9/16" Net 5-3/4", 7-3/4"  | 4-9/16", 6-9/16" Net 5-3/4", 7-3/4"  | 4-9/16", 6-9/16" Net 5-3/4", 7-3/4"                                    | 8-3/16"  |
| <b>Multi-Point Lock</b>                                      | Standard on Impact, 7"6" and 8' doors, Optional on 6'8", 6'11" doors                     | Standard on Impact and 8' doors, Optional on 6'8", 6'11" doors         | Standard for sidelites, Optional for operable door(s)                                    | Standard on Impact, 7'10" and 8' doors, Optional on 6'8", 6'11" doors                    | Standard on Impact and 8' doors, Optional on 6'8", 6'11" doors         | Standard   |
| <b>Screens *Option not available for units with ADA Sill</b> | Vanishing Screen Available   | Vanishing Screen Available   | Standard for sidelites, Optional for operable door(s)                                    | Standard and Vanishing Screen Available  | Standard and Vanishing Screen Available                                | Not Available  |
| <b>*Residential Limited Warranty</b>                         | *Limited Lifetime  | *Limited Lifetime  | *Limited Lifetime  | *Limited Lifetime  | *Limited Lifetime  | *Limited Lifetime  |
| <b>*Multi-Family Commercial Warranty</b>                     | *10 Years  | *10 Years  | *10 Years  | *10 Years  | *10 Years  | *10 Years  |

\* Warranty Exclusions apply. For full warranty information, exclusions, limitations, and warranty service request procedures, please visit <http://www.neumadoors.com/pdf/warranty.pdf>

# DOOR DESIGN SPECIFICATIONS

## Hinged Doors

### Standard Features

- Standard hinged door units come with smooth white interior and exterior or unstained woodgrain interior and exterior, LoE<sup>3</sup> 366 glass, stainless steel hinges and 4-9/16" (Net 5 3/4") jams.
- Single-point locks standard on 6'8" and 6'11" height doors.
- Multi-Point locks standard on all 7'6" and 8'0" height doors.
- All units that measure over 9' in width are shipped knock-down (KD).

### General Information

- Gold brass and dark brown handlesets come with matching sills and brass strike plates. Satin nickel and white handlesets come with an aluminum sill and strike plates.
- Unfinished hinged doors come with a matching paintable/stainable sill.
- Extended 6-9/16" (Net 7-3/4") jamb options available.

## Gliding Doors

### Standard Features

- Standard gliding door units come with smooth white interior and exterior or unstained woodgrain interior and exterior, LoE<sup>3</sup> 366 glass and 4-9/16" (Net 5 3/4") jams.
- Single-point locks standard on all 6'8" and 6'11" height doors.
- Multi-point locks standard on all 7'10" and 8'0" height doors.
- All units that measure over 9' in width are shipped knock-down (KD).

### General Information

- Unfinished gliding doors come with a matching, paintable sill and stainable. All other gliding doors come with a white sill.
- Extended 6-9/16" (Net 7-3/4") jamb options available.

## Bypass Gliding Doors

### Standard Features

- Standard bypass folding door units come with smooth white interior and exterior, and LoE<sup>3</sup> 366 glass
- Standard single point locks on all 6'8" and 6'11" height doors
- Standard multi-point locks on all 8'0' height door
- Continuous header and sill system
- All bypass gliding units are shipped knock-down (KD)
- 8-3/16" jamb
- Standard sill includes sill riser

## Impact Doors

### Impact Rated Doors

- Impact door options come standard with smooth white interior and exterior or unstained woodgrain interior and exterior, LoE<sup>3</sup> 366 glass, stainless steel hinges, 4-9/16" (Net 5 3/4") jams Multi-point locks and HPVD coated handlesets.
- HPVD coated handle and lock set are only available in the Royal Series style in choice of satin nickel or gold brass finishes.

### HVHZ Impact

- HVHZ impact rated units are tested under TAS 201, 202, 203.
- HVHZ impact rated doors are assembled with reinforced fiberglass panels.

## Vented Sidelight

### Standard Features

- Vented Sidelight standard units come with smooth white interior and exterior or unstained woodgrain interior and exterior, LoE<sup>3</sup> 366 glass, stainless steel hinges, and 4-9/19" (Net 5 3/4") jams.
- Standard dead bolt and latch on the main door and multi-point locks on the sidelights are standard.
- Fixed screens on the sidelights are standard.

### General Information

- Multi-point locks on the main door are available as an option.
- Vented sidelights are available in 6'8" height only.
- Vented sidelight units available as inswing door only.

## Transoms

- Transoms are available to compliment many door configurations.
- Available for both hinged and gliding doors
- Net jamb dimensions are 5-3/4"
- Transoms are tested independently from the door unit.
- Transoms are not factory mulled to the door unit. It is the sole responsibility of the installer to follow proper installation instructions.
- Transoms with grid patterns are available. It is the sole responsibility of the distributor to provide correct order information for proper grid alignment between the transom and the door.

## Blinds

- Mini blinds available in Clear and LoE options.
- Mini blinds option is not available with impact glass, or 3/4 lite panel options.

## Screens

- Screen options not available for any door unit with ADA Sill.

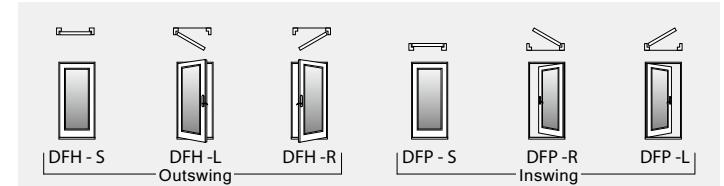
# HANDING GUIDE



## Hinged Doors

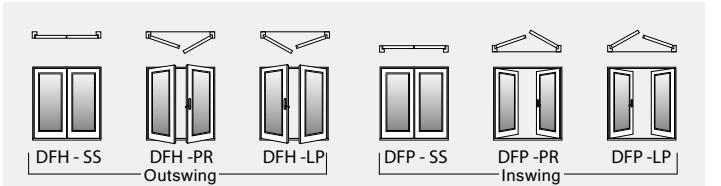
### Single Doors

Exterior View



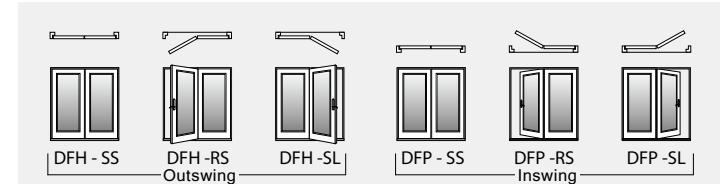
### Double Hinged Doors (2 panel)

Exterior View



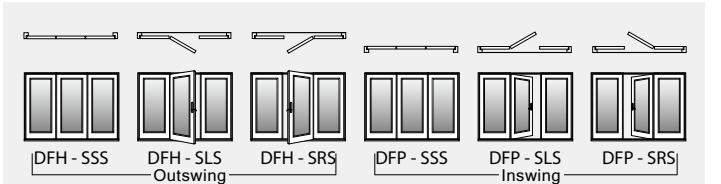
### Center Hinged Doors (2 panel)

Exterior View



### Center Hinged Doors (3 panel)

Exterior View



### Inswing Vented Sidelight - 6'8" Retro Fit

Exterior View

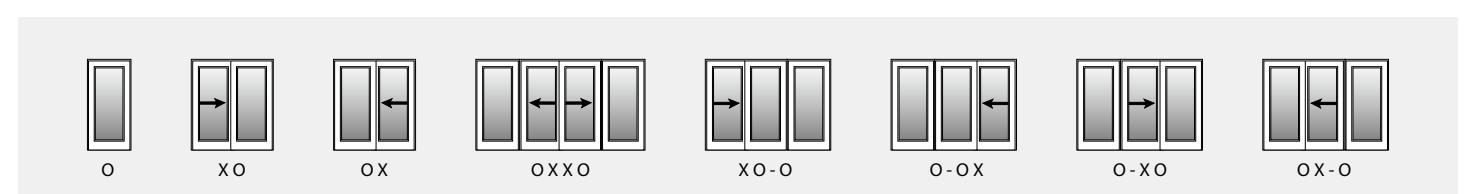


\*\*\* S = Stationary  
R = Hinge at right side exterior view  
L = Hinge at left side exterior view  
DFP = Inswing  
DFH = Outswing

## Gliding Doors

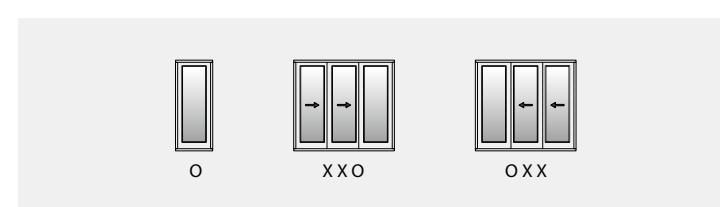
### Gliding Doors

Exterior View



### Bypass Gliding Doors

Exterior View



\*\*\* O = Fixed Panel  
X = Active Panel

# PAINTING GUIDE



## MATERIALS NEEDED

1. Scotch Brite Pad (Fine) or 320-400 grit sandpaper.
2. For water-based application: Acrylic primer/acrylic latex-based exterior grade paint.

\*\* We recommend using "Sherwin Williams PrimeRX® Peel Bonding Primer" with compatible acrylic-latex paint for optimal paint adhesion.

## STEP 1: SURFACE PREPARATION

1. Remove all the hardware and mask off anything you don't want painted.
2. Lightly scuff sand the surface with a Scotch Brite pad or fine sandpaper.
3. Wipe the door with acetone to clean any dust or residue from the surface. Allow acetone to dry from the surface before applying primer.
4. Do not use hydrocarbon based solvents to clean the surface as such products may leave a residue.
5. Apply primer with a paint brush. Follow the manufacturer's instructions for drying time before applying topcoat. Continue to apply primer to all 6 sides, include bores and mortises.
6. The primer must be completely dry before applying the topcoat.

## STEP 2: PAINTING

1. Apply exterior grade paint with a paint brush.
2. It is common practice to paint both stiles the same color as the exterior side of the door. If applying a second coat, follow the manufacturer's instructions for drying time between coats.

## CAUTION

1. Painting Neuma Doors dark colors can result in poor performance. Dark colors are considered any color that falls within the lightness (L) value of 56 to 0. Where 100 is white and 0 is black. Use paint with a light reflective value (LRV) of 57 units or greater.
2. When using stains, mineral spirits, paints, or other hazardous materials, always read and follow the manufacturer's instructions. Neuma Doors makes no representations as to the proper use of other manufacturers' products.
3. When working with paints or solvents, make sure the working area is well ventilated.
4. Keep away from heat and flame as materials may be combustible.
5. Paints or solvents may cause skin and eye irritation. Avoid contact with skin and eyes.
6. Keep out of reach of children.

## Maintenance

All well-finished fiberglass doors will be affected by exposure and weathering from sun, moisture, and air pollutants. It is considered normal maintenance to re-apply the topcoat approximately every two years.

# STAINING GUIDE



## MATERIALS NEEDED

1. Pre-Mixed Stain (1/2 pint)
2. Mineral Spirits (4 fl. oz.)
3. Top Coat/Sealer (20 fl. oz.)
4. Two Clean Cloths
5. One Pair Protective Gloves
6. 3" China Bristle Brush
7. Two Stir Sticks
8. Finishing Instruction



## STEP 1: SURFACE PREPARATION

1. If possible, lay door horizontally on a padded surface to prevent scratches.
2. Remove all the hardware and mask off anything you don't want stained.
3. DO NOT SAND WOODGRAINED COMPOSITE.
4. Wipe the door with mineral spirits to clean any dust or residue from the surface. Allow door surface to dry completely before applying stain.

## STEP 2: STAIN APPLICATION

Apply stain with a 3" to 4" soft bristle brush, or rag to small sections of the door at a time. Apply enough stain to fill the door grain.

With a clean, lint-free 24 x 24 inch cloth, softly wipe the surface until you reach your desired tone.

TIP: When the rag becomes saturated with stain, re-fold to work with a less-saturated section. Be sure to use the same rag for the whole door.

After all the stain is brushed evenly you may add finishing touches by using a small 1" to 2" brush or cotton swabs. Additional coats may be applied to achieve desired look. Follow all stain manufacturers instructions for proper application (if different) and compatibility information.

## STEP 3: PROTECTIVE TOP COAT

Application of a polyurethane top coat with UV inhibitors like ZAR™ Exterior polyurethane, Wood Kote® Flagship UV, or Minwax® Fast Drying Polyurethane for exterior applications.

1. After stain has completely dried (48 hours), mix the top coat well and apply evenly using a clean dry 2" soft bristle brush or 3" foam brush. Be sure to stop when the grain changes direction.
2. Apply two or three coats of finish, allowing at least 24 hours of drying time between each application.

## NORMAL MAINTENANCE

Even a well-finished door will be affected by exposure and weathering from sun, moisture, and air pollutants. It is considered normal maintenance to re-apply the topcoat approximately every two years. Due to the variability in finishing materials, application conditions and techniques, all of which are beyond the control of Neuma Doors, Neuma cannot be responsible for the performance of field applied finishes or individual application techniques.

\* Staining instructions are for Oil-Based, Premium Quality Stains or similar product designed for use on fiberglass. Please note the instructions indicated are specific to the Zar brand stain. Please reference stain manufacturers instructions before applying any stain.

# OXIDATION/CHALKING CLEANING GUIDE



Composite and fiberglass products are low-maintenance and easy to care for, they will perform their best with some occasional attention. In rare cases, products can be affected by solar energy or chemicals that can cause a change in color - including fading, darkening or yellowing. In most climates and with many mild chemicals, a change may not even be noticed. In other cases, however, the color change may be more dramatic and become cause for concern.

A chalky white substance on your patio doors panels may be caused by oxidation, which occurs most often during damp or wet weather. Oxidation can be cleaned from most doors, but the process can be time-consuming and labor-intensive.

## Suggested cleaning and maintenance

1. Rinse with a light spray of water to remove dust, dirt and debris. Use a garden hose and spray the water downward to avoid getting any beneath the door panels, where it can damage the floor beneath.
2. Wear safety glasses to avoid spraying cleaning solution into your eyes as you work. Mix 5 cups of vinegar into 1 gallon of hot water, and pour some of this solution into a spray bottle.
3. Apply the vinegar and water solution onto a small section of trim and scrub with a long-handle, soft-bristle cleaning brush. Work from the bottom of the trim up to avoid streaking. Sections of about 10 feet or less are usually easier to work with than larger sections, because the vinegar and water solution won't have time to dry on the panels before you rinse.
4. Hose off the trim with a gentle spray of clean water, again spraying downward.
5. Continue to spray and scrub the oxidation until you have cleaned all of the trim. Use a ladder to reach sections of trim on the upper levels of your home.
6. HPVD handlesets should be wiped down with a non-abrasive, clean, damp cloth once a month. The protective coating on the HPVD handlesets naturally have a dull appearance. Do not attempt to polish the HPVD handleset as it will destroy the protective finish.



# MAINTENANCE GUIDE



1. Vacuum dirt and debris from sill and track areas before washing
2. Clean glass and door frame with a mixture of mild dish soap and water. Rinse completely with clean water and wipe dry with a soft cloth to avoid water spots.
3. Avoid washing glass in direct sunlight.
4. Never use abrasive or caustic cleaners. They can cause permanent damage to the frame finish or the glass.
5. Mild, nonabrasive soaps are usually the safest for most dirt and stain removal, but any cleaner you use should be tested in an inconspicuous area first.
6. Always rinse completely with clear water and wipe dry if possible.
7. Check to make sure drainage or "weep" holes are always clear of dirt and obstructions - both inside and outside the door in the bottom of the frame.
8. Clean screens by removing them, washing them on a flat, clean surface with mild soap and water and a soft brush. Then rinse, wipe dry and reinstall.
9. Doors with moving parts include hardware components that should be lubricated periodically. In salt-air environments, these components require monthly lubrication.
10. After wiping clean, use a silicone spray with a non-petroleum-based propellant on door or sliding door tracks, rollers and locking hardware



# Ideal Construction Practices



For optimum performance of your Neuma Door, it is important to follow sound construction practices when installing the door. Neuma Doors are designed to protect against water infiltration, however, there are steps that can be taken during the installation process in order to provide complete protection to your home. Be sure to acquaint yourself with local building codes and follow all recommendations of your building professional.

## Adequate Overhangs

Before construction begins, it is important to plan the placement of your door. Over time, a door can be compromised by extended direct exposure to the weather. When considering the placement of the door, it is important to consider the placement of the door and what type of protection the building construction can provide for the door. An appropriate overhang over your door will help extend the finish of the door and protect the door from weather intrusion.

## Plumb, Level and Square

Prior to installing the door, it is critical to ensure that the rough opening for the door is flat, level, square, plumb and free of debris for optimal door operation. As you continue through the installation process, verify at each step that the door is plumb, level and square.

## Sill Pan

Use of an optional sill pan is recommended to prevent water from seeping in and to protect the subfloor beneath the door. The appropriate use of a sill pan can greatly reduce the chance of water intrusion beneath the door.

## Non-Structural Nailing Fin

Neuma Doors provides a non-structural nailing fin to assist with the installation of the door and to provide an additional layer of weather protection.

## Drip Cap

Installing a drip cap is a simple way to protect your home from water. Easily installed, drip caps are designed to drain water away before it reaches the door unit.

## Weather Barrier

Use of an appropriate flashing or waterproof barrier applied around the door opening to the top of the nailing fin is required. This weather barrier prevents water from dripping behind the nailing fin and into the structure of the wall.



The Ivy - River Oaks 2303 Mid Lane, Houston TX



Double Hinged Full Lite Doors  
Smooth White Finish | LoE366 Glass

# Limited Lifetime Warranty

For full warranty information, exclusions, limitations, and warranty service request procedures, please visit <http://www.neumadoors.com/pdf/warranty.pdf>.

Nanya Plastics Corporation USA offers a non-transferable limited lifetime warranty of the Neuma patio door system against: defects in materials and workmanship including; peeling, cracking and delamination. Proper maintenance is required. It does not cover variations or changes in the color of the door panel including but not limited to chalking and discoloration. Should such changes occur, panels may be painted according to manufacturer instructions. Door trim and handle finish are not covered. This limited warranty is in lieu of and excludes all other warranties not expressly set forth, express or implied by operation of law or otherwise, including without limitation to any implied warranties of merchantability or fitness for a particular purpose. To the extent that any implied warranties may nonetheless exist by operation of law, such warranties are limited to the duration provided by law.

The limitations on the length of implied warranties vary from state to state and therefore, such limitations may not be applicable in your state.

Subject to the conditions, exclusion and limitations contained herein, Nan Ya Plastics Corporation USA warrants that the Neuma Patio Door System is free from defects in materials and workmanship from the date of original installation when it has been properly installed in compliance with the manufacturer's installation instructions.

## Warranty Coverages During the First Year

Nan Ya Plastics Corporation USA will repair or replace any factory defective door system components or parts at no charge, during the first year after installation.

## Warranty Coverages After the First Year

After the first year, replacement parts may be provided at no cost (if found to be a warrantable item), but there is no coverage of labor charges for the removal of defective products or for installation of replacement products. Nan Ya Plastics Corporation USA does not have responsibility, liability, or obligation for, nor will it pay for any removal or installation labor costs for the replacement product.

## Warranty Details for Neuma Door Systems in Owner-Occupied Single Family Homes

This Non-Transferable Limited Warranty applies only to the Neuma Patio Door System installed by a licensed and bonded contractor in original owner-occupied single-family detached homes within the United States.

## Warranty Coverages for Neuma Door System Components Installed in Owner-Occupied Single Family Homes

1. Door frames: Lifetime for original purchaser as long as purchaser owns home.
2. Mullions: Lifetime for original purchaser as long as purchaser owns home.
3. Astragals: Lifetime for original purchaser as long as purchaser owns home.
4. Door panels: Lifetime for original purchaser as long as purchaser owns home.
5. Transom Frames: Lifetime for original purchaser as long as purchaser owns home.
6. Locking Mechanism: 10 years for the original purchaser, excludes trim finish.

7. Factory Painted Finish:
  - 2 years for the original purchaser against deficiencies of blistering, cracking, peeling or loss of adhesion.
  - Warranty on painted finish applies only to doors that are factory painted by Nan Ya Plastics Corp. USA.
  - Slight imperfections in factory applied finishes; surface cracks that do not compromise the underlaying material are not

considered a defect.

### 8. Folding Door System Hardware and Components:

- Folding door system hardware: 10 years for the original purchaser, excludes finish
- All hardware should be maintained as recommended in the care instructions as frequently as necessary.
- Hardware in coastal environments should be maintained every three months as a minimum and more frequently if necessary.

### 9. Glass Components:

- NonImpact Glass: 20 year prorated limited warranty against seal failure.
- Impact Glass: 10 year prorated limited warranty against seal failure.
- Glass with Mini Blinds: 5 year prorated limited warranty against seal failure only and 1 year warranty of the magnetic components.
- Decorative Glass: 1 year limited warranty against seal failure. Due to the nature of decorative glass, it is expected that there will be slight inconsistencies in camming and beveled glass pieces. Such inconsistencies are not warrantable.

Nan Ya Plastics Corporation USA warrants that insulated glass shall be free from any failure or material obstruction of vision due to a failure of the glass seal for the warranty period.

A failed glass seal is defined as one that shows a significant amount of obstruction due to moisture created by a seal failure. Small marks, scratches, and spots which do not exceed company standards or federal government specifications, C 1036-85 do not make insulated glass units defective. See glass warranty chart for more information.

## Warranty Details for Neuma Door Systems in Multi-Family and Commercial Applications

This Non-Transferable Limited Warranty applies only to the Neuma Patio Door System installed by a licensed and bonded contractor in (1) residential applications other than original owner-occupied single-family detached homes, and (2) commercial applications within the United States

## Warranty Coverage for Neuma Door System Components Installed in Residential and Commercial Applications

1. Door frames: 10 years from date of installation.

2. Mullions: 10 years from date of installation.

3. Astragals: 10 years from date of installation.

4. Door panels: 10 years from date of installation.

5. Transom frames: 10 years from date of installation.

6. Locking Mechanism: 5 years from the date of installation, excludes trim finish.

### 7. Factory Painted Finish:

- 2 years for the original purchaser against deficiencies of blistering, cracking, peeling or loss of adhesion.
- Warranty on painted finish applies only to doors that are factory painted by Nan Ya Plastics Corp. USA.
- Slight imperfections in factory applied finishes; surface cracks that do not compromise the underlaying material are not considered a defect.

### 8. Folding Door System Hardware and Components:

- Folding door system hardware: 10 years for the original purchaser, excludes finish
- All hardware should be maintained as recommended in the care instructions as frequently as necessary.
- Hardware in coastal environments should be maintained every three months as a minimum and more frequently if necessary.

### 9. Glass Components:

- NonImpact Glass: 20 year prorated limited warranty against seal failure.
- Impact Glass: 10 year prorated limited warranty against seal failure.
- Glass with Mini Blinds: 5 year prorated limited warranty against seal failure only and 1 year warranty of the magnetic components.
- Decorative Glass: 1 year limited warranty against seal failure. Due to the nature of decorative glass, it is expected that there will be slight inconsistencies in camming and beveled glass pieces. Such inconsistencies are not warrantable.

Nan Ya Plastics USA warrants that insulated glass shall be free from any failure or material obstruction of vision due to a failure of the glass seal for the warranty period. A failed glass seal is defined as one that shows a significant amount of obstruction due to moisture created by a seal failure. Small marks, scratches, and spots which do not exceed manufacturer standards or federal government specifications, C 1036-85 do not make insulated glass units defective. See glass warranty chart for additional information.

## Warranty Exclusions

Generally, Nan Ya Plastics Corp. USA, d/b/a Neuma Doors does not cover normal wear and tear, or damage resulting from improper installation, misuse, abuse, neglect, improper maintenance, and alterations or damage caused by others. Doors must be properly maintained to preserve their appearance. Nan Ya Plastics Corporation USA does not have responsibility, liability, or obligation, for property damages arising from a Warranty claim on a Neuma Door System. Maintenance guide can be found at

<http://www.neumadoors.com/pdf/Maintenance.pdf>



Double Hinged Full Lite Door with Sidelights  
Woodgrain Bronze Finish | LoE366 Glass



**NAN YA PLASTICS CORP. USA  
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