



# 2900 Hybrid

## Aluminum/Vinyl Series



All framing constructed with superior thermal performance

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Exterior aluminum strength with a warm vinyl interior

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Narrow sight lines maximize view

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Slim frames complement modern architectural styles

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Durable factory-applied colour options

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Easy to install pre-fabricated

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knockdown kits

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Frame depths 5 7/8" with optional extensions

**EFFICIENCY. QUALITY. HIGH VALUE.**

# 2900 Hybrid Aluminum/Vinyl Series

## The 2900 Hybrid Series Aluminum/Vinyl Patio Door

Innovative **2900 Hybrid Series** patio doors

offer superior thermal and structural advantages. They provide a level of performance unparalleled in aluminum sliding doors. Enjoy lower maintenance with Novatech-engineered quality, styling and beauty. Plus, enhanced insulation helps conserve energy and helps your heating bills in cold weather. Aluminum doors also play a vital role in controlling temperatures in the summer.

Choose the **2900 Hybrid Series** patio door for strength, lasting value, improved thermal technology, and a wide range of flexible configurations.



### Performance

- U-factor of 1.02 W/m<sup>2</sup>.K (0.18 Btu/hr.ft<sup>2</sup>.°F) with triple-glazing and argon fill
- Standard dual glazed product meets Energy Star® Zone 1,2
- Meets the structural performance requirements at DP 80 (±3840 Pa)
- Provides water resistance at 580 Pa (12 psf) equal to driving rain at 115 Km/h (71 mph)

# Features and Options

Elegant heavy duty screen

Pocket covers on interior,  
exterior jambs and sill

1" or 13/8" insulated glass

Single-point locking system

Whisper quiet rollers

Multi-chamber frame and sill

57/8" frame and sill

Mechanical frame and sash

## Hardware Options

Stylish white or black contemporary handles with a single-point lock come standard. Optional twin-point key locks, and a satin nickel handle finish are also available.



White  
Finish



Satin Nickel  
(Optional)



Black  
Finish



Standard  
single-point  
locking  
system

## Optional Security Locks



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



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



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

## Optional Exterior Colours

Novatech patio doors boast a wide range of exterior colour options that feature a durable finish that is also UV stable.



## Insulating Glass

One-inch tempered sealed insulating glass, or upgrades to 13/8" triple-glazed argon-filled Low-E coated glass for greater energy performance and cold climate condensation resistance. Colour tinted or reflective glass meets the most demanding architectural specifications.

*Super Spacer*<sup>®</sup>

Stays cool in summer



Stays warm in winter

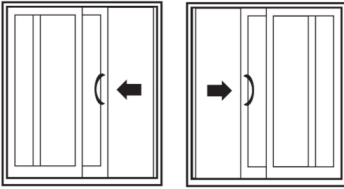
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## Aluminum/Vinyl Series

### Dimensions

Door/Panel Configurations and Finished Sizes (Exterior view)

#### 2 Panels

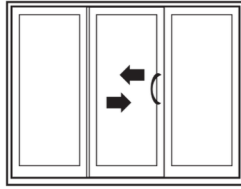


OX-Slide Left

XO-Slide Right

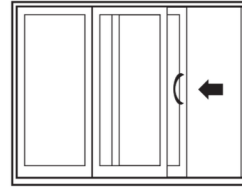
Product Code	Frame Size
<b>50610</b>	<b>59</b> X <b>81</b> 1/2
<b>60610</b>	<b>71</b> X <b>81</b> 1/2
<b>80610</b>	<b>95</b> X <b>81</b> 1/2

#### 3 Panels



OXO-Slide R to L <sup>or</sup> OZO-Slide L to R

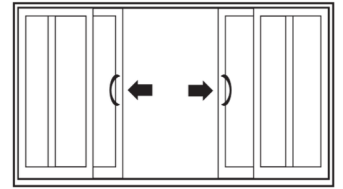
Product Code	Frame Size
<b>76610</b>	<b>88</b> 1/2 X <b>81</b> 1/2
<b>90610</b>	<b>106</b> X <b>8</b> 1/2
<b>120610</b>	<b>142</b> X <b>1</b> 1/2



XOO-Slide R <sup>or</sup> OOX Slide L

Product Code	Frame Size
<b>76610</b>	<b>86</b> 7/8 X <b>81</b> 1/2
<b>90610</b>	<b>10</b> X <b>8</b> 1/2
<b>12010</b>	<b>4</b> X <b>81</b> 1/2

#### 4 Panels



OXXO-Slide R <sup>and</sup> Slide L from Centre

Product Code	Frame Size
<b>100610</b>	<b>117</b> X <b>81</b> 1/2
<b>120610</b>	<b>141</b> X <b>81</b> 1/2
<b>160610</b>	<b>189</b> X <b>81</b> 1/2

### Performance

2900 Hybrid Patio Door meets **NAFS/Class R-PG80** Type SD

Standard	Air Leakage	Water Penetration Resistance	Design Pressure
AAMA/WDMA/CSA 101/I.S.2/A440-11	A3	580 Pa (12 psf)	±3840 Pa (80.20 psf)

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**Novatech®**



Most of our products meet the ENERGY STAR® program guidelines to help protect the environment through superior energy efficiency.