

2021 Aluminum Patio Door Series

Quality. Elegance. Value.



A New Standard in Flexibility

Novatech 2021 Aluminum Series products are the most advanced and flexible aluminum patio doors in today's demanding market, and perfect for architectural applications, since the customization options are extensive. Whether it's colour, sill finishes, glass or hardware, the 2021 Series is built to comply with virtually any building requirement

Design Flexibility

In the same perimeter frame, doors can be configured up to six panels wide with fixed or operable panels and coupling members that join larger doors together. They also fill openings or create continuous glass façades. Transoms and fixed sidelites can also be added to produce more advanced designs.

Draft Protection

To reduce air flow through our doors, double-seal weather stripping is used. This plays a key role in maintaining comfortable, draft-free living spaces. The on-going focus on performance and weather resistance also leads to reduced heating and cooling costs.

2021 Series Key Features

- Dual, thermally broken 4 5/16" jamb
- 1" insulated glass with Super Spacer technology
- Available in 2, 3 and 4 panel configurations
- AAMA 2603 stock colors include commercial brown (K70634), black (90342), and clear anodized (class II)
- Multiple sill options provide desired water performance
- Multiple interlock and rail options for various structural performance needs (*ranging from LC-40 up to CW-60*)
- Modern-looking corner seam construction

Insulating Glass Options

Tempered and sealed 1" insulating glass that is argon-filled and Low-E coated for greater energy efficiency and condensation resistance. Colour tinted and reflective glass options are available for virtually any architectural need.

Super Spacer®



Hardware and Security

Fully adjustable lock set handles satisfy most aesthetic tastes and budgets. Optional security bars and key locks offer added protection. Guardian locks provide security while leaving doors open for ventilation.



Exterior Colour Choices

Novatech patio doors boast a wide range of exterior colour options that feature a durable finish. All doors are coated with advanced materials that are UV stable and long-lasting.



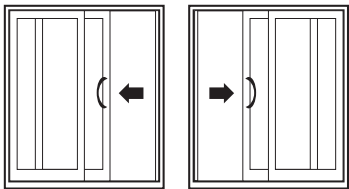
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Dimensions Door/Panel Configurations and Finished Sizes (Exterior view)

2 Panels

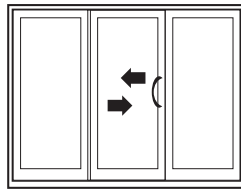


OX-Slide Left

XO-Slide Right

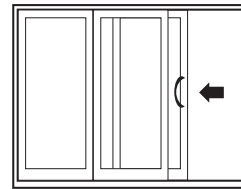
Product Code	Frame Size
5068	59 x 79 1/2
6068	71 x 79 1/2
8068	95 x 79 1/2

3 Panels



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

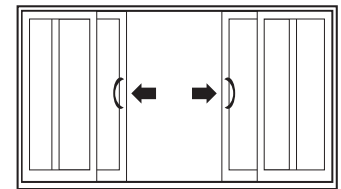
Product Code	Frame Size
7668	88 3/4 x 79 1/2
9068	106 3/4 x 79 1/2
12068	142 3/4 x 79 1/2



XOO-Slide R or OOX Slide L

Product Code	Frame Size
7668	88 3/4 x 79 1/2
9068	106 3/4 x 79 1/2
12068	142 3/4 x 79 1/2

4 Panels



OXXO-Slide R and Slide L from Centre

Product Code	Frame Size
10068	117 1/2 x 79 1/2
12068	141 1/2 x 79 1/2
16068	189 1/2 x 79 1/2

Performance Testing conducted in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-17 and CSA A440S1-19

Performance Class / Rating	Tested Size (inches)	Configuration	Air Leakage at 75 Pa	Air Infiltration at 300 Pa	Water Penetration Resistance	Design Pressure	Reinforcement Details
LC-PG40	94 3/4 x 94 3/8	OX/XO	A3 - 0.3 L/s-m ²	0.5 L/s-m ²	510 Pa (10.6 psf)	±1920 Pa (±40 psf)	Standard Interlocks
LC-PG50	94 3/4 x 94 3/8	OX/XO	A3 - 0.3 L/s-m ²	0.5 L/s-m ²	510 Pa (10.6 psf)	±2400 Pa (±50 psf)	Steel Reinforced Interlocks
LC-PG60	94 3/4 x 94 3/8	OX/XO	A3 - 0.3 L/s-m ²	0.5 L/s-m ²	510 Pa (10.6 psf)	±2880 Pa (±60 psf)	Aluminum Stiffener at Interlock / Reinforced Lock Stile
CW-PG60	94 3/4 x 94 3/8	OX/XO	0.3 L/s-m ²	0.5 L/s-m ²	510 Pa (10.6 psf)	±2880 Pa (±60 psf)	Aluminum Stiffener at Interlock / Reinforced Lock Stile
LC/CW/AW	95 1/2 x 95 1/2	OX/XO with B7 Sill Pan	CURRENTLY TESTING				
AW	122 x 95 1/2	OX/XO	CURRENTLY TESTING				
LC/CW	144 x 95 1/2	OXO/OZO	CURRENTLY TESTING				
LC/CW	144 x 95 1/2	OXXO	CURRENTLY TESTING				

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