

312 Vinyl Sliding Patio Door

Features:

- Reversible sliding panels install to open either left or right (6'8" height only)
- Both panels come reinforced with steel for extra strength
- Door frames come fully welded, fully assembled and complete with screen
- Interlocking panels virtually eliminate air infiltration
- Warm-Edge sealant system with 7/8" tempered glass for reduced condensation and energy savings
- Comes standard with deluxe color matched hardware

Custom Options:

- Special grid options: distinctive diamond pattern; 5/8" or 3/4" flat, 5/8" or 1" contoured, 1 1/8" simulated divided lite (SDL), 5/8" contoured valance grids available
- Glass options: Low-E Glass; Low-E Glass with Argon Gas; Ultra Low-E Argon
- Nine exterior painted colors (white interior only)
- Black or bronze exterior laminate (white interior only)
- Brass, brushed nickel or oil rubbed bronze hardware
- Available in 5', 6', 6'4", 8', 9', and 12' configurations
- Blinds between glass (5068 or 6068 door only)

Product Performance:

AAMA 101 Results:

Door Size	AAMA Rating (psf)	Air (cfm/ft ²)	Water (psf)
95" x 80"	SGD-R35	0.14	4.50

Product Dimensions:

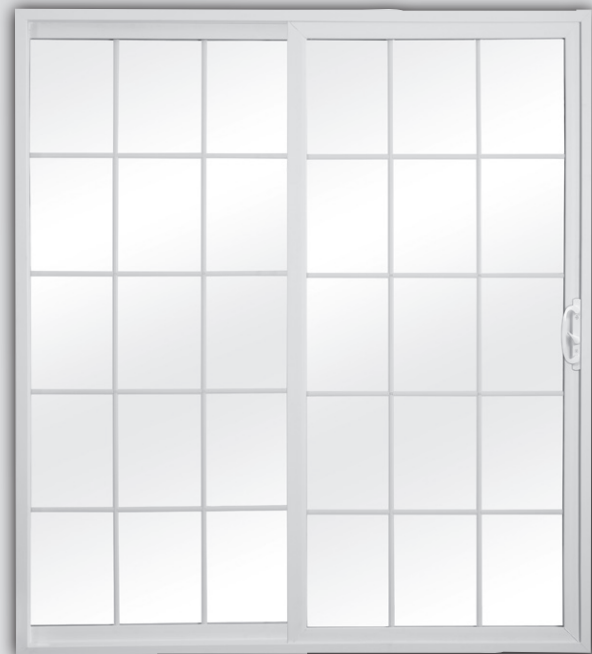
Vinyl Wall Thickness:	
Frame:	0.070"
Sash:	0.080"
Glass Thickness:	0.813"
Jamb Depth:	4.563"
Nail Fin Setback:	3.368"

Rough Opening:

Door Width + 3/4"
Door Height + 1/2"

Size Restrictions for Custom Doors:

	Min:	Max:
Width	58 3/4"	94 3/4"
Height	70 1/2"	82"



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Egress Formulas:

Egress Width $\geq 20"$ and Egress Height $\geq 24"$ and Egress Area $\geq 5.7 \text{ ft}^2$ required to meet egress.

Egress Width Formula: $5' = 22.5"$

$6' = 28.5"$

$6'4 = 32"$

$8' = 40.5"$

Egress Height Formula = $76"$

Egress Area Formula = $(\text{Egress Width} \times \text{Egress Height})/144$

Screen Sizes:

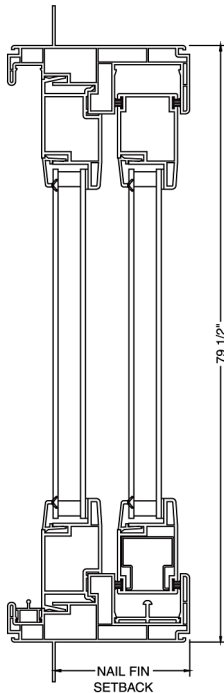
5068 = $30" \times 77 \frac{11}{16}"$

6068 = $36" \times 77 \frac{11}{16}"$

6468 = $38" \times 77 \frac{11}{16}"$

8068 = $48" \times 77 \frac{11}{16}"$

Vertical Diagram



Horizontal Diagram

