

311 Vinyl Sliding Patio Door

Features:

- Fully welded frame and panel come pre-assembled for easy installation
- Reversible design lets you locate moving panel either left or right
- Warm-Edge insulated glass system with 7/8" tempered glass resists condensation, boosts efficiency
- Sliding panel and meeting rail are reinforced with roll-formed steel to ensure rigidity and strength
- Aluminum track for movable panel assure a smooth, easy glide
- Interlocking panels prevent air infiltration
- White enameled handle with lock
- Available only in 5068, 6068 and 6468 models

Custom Options:

- Low-E Glass
- Low-E Glass with Argon gas
- Ultra Low-E Glass with Argon gas
- 5/8" and 3/4" flat grid;
5/8" and 1" contoured;
- 5/8" contoured valance grids
- Screen

Product Performance:

AAMA 101 Results:

Door Size	AAMA Rating (psf)	Air (cfm/ft ²)	Water (psf)
95" x 80"	SGD-R35	0.14	6.75

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"



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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: $5' = 22.5"$

$6' = 28.5"$

$6'4" = 32"$

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

