

## Double Hung Window

### Features:

- Fusion-welded sashes and frame add strength and additional insulation
- Low-E glass and insulating argon gas enhance thermal efficiency
- DP 35 rating (DP 50 optional) (window size tested 36 x 74)
- Constant force coil balance permits easy sash movement
- Push-button night latches provide easy, secure ventilation
- Low Profile lock provides optimal security (2 locks standard at 27 1/4" or wider)
- Half screen is standard and removable from inside
- 3.25" Jamb depth
- Lifetime glass breakage warranty
- Transferable limited lifetime warranty

### Custom Options:

- Low-E Glass
- Ultra Low-E Glass with Argon Gas
- Obscure glass
- Double strength glass
- Factory mulling of twins, triples and architectural shapes
- Full screen
- Optional 5/8" or 1" contoured, 5/8" or 3/4" flat, 5/8" contoured valance and 1 1/8" Simulated Divide Lite (SDL) grids available
- Aluminum charcoal mesh screen
- Window Opening Control Device (for fall prevention)

### Product Performance:

AAMA 101 Results:

Window Size	AAMA Rating (psf)	Air (cfm/ft <sup>2</sup> )	Water (psf)
44" x 75" (X/X)	LC-PG35	0.04	7.52
36" x 74" HP (X/X Stile Rebar)	LC-PG50	0.05	7.52
109" x 74" (X/X – X/X – X/X DHHP Muller Triple)	LC50	0.15	7.52

### Product Dimensions:

Vinyl Wall Thickness:

Frame: 0.065"

Sash: 0.070"

Typ. Glass Thickness: 0.750"

Jamb Depth: 3.250"

Mullion Adder:

Standard: 0.125"

High Performance: 0.625"

### Rough Opening:

Window Width + 1/4"

Window Height + 1/4"

### Size Restrictions:

**Min:**                      **Max:**

Width                      17 3/4"                      54"

Height                      26"                              91"

(Max. United Inches 126")



## Double Hung Window

### 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 = Window Width - 5"

Egress Height Formula = (Window Height/2) - 6.625" (1 Coil)

(Window Height/2) - 8.250" (2 Coils)

(Window Height/2) - 9.875" (3 Coils)

Egress Area Formula = (Egress Width x Egress Height)/144

### Screen Formulas:

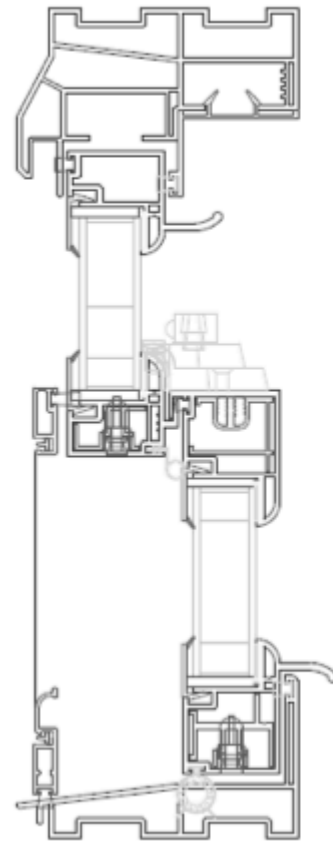
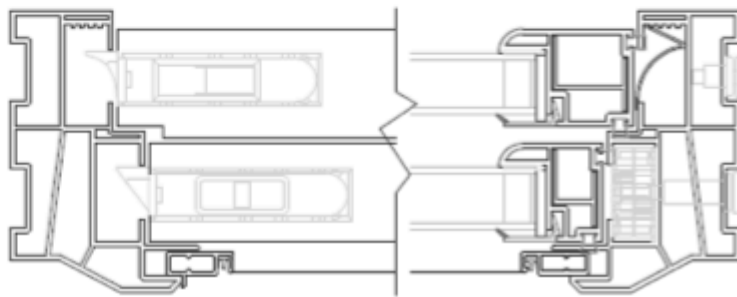
Window Width - 4.125" (Full Screen)

Window Height - 2.8125" (Full Screen)

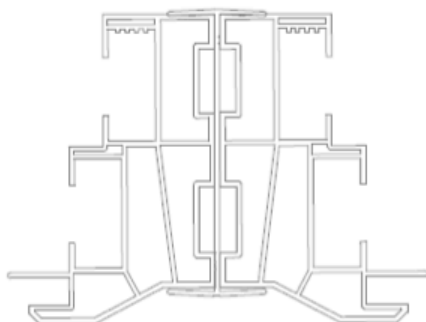
Window Width - 4.0625" (1/2 Screen)

(Window Height/2) + 0.1875" (1/2 Screen)

### Cross Sections:



### Standard Mullion Assembly:



### High Performance Mullion Assembly:

