8700 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 sash movement
- 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
- Transferable limited lifetime warranty
- 25-year glass breakage 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)
- Lifetime glass breakage warranty

Product Performance:
AAMA 101 Results:

<table>
<thead>
<tr>
<th>Window Size</th>
<th>AAMA Rating</th>
<th>Air (cfm/ft²)</th>
<th>Water (psf)</th>
</tr>
</thead>
<tbody>
<tr>
<td>36&quot; x 74&quot; (X/X)</td>
<td>LC-PG35</td>
<td>0.04</td>
<td>7.52</td>
</tr>
<tr>
<td>48&quot; x 78&quot; (X/X)</td>
<td>LC-PG30</td>
<td>0.04</td>
<td>7.52</td>
</tr>
<tr>
<td>36&quot; x 74&quot; HP (X/X Stile Rebar)</td>
<td>LC-PG50</td>
<td>0.05</td>
<td>7.52</td>
</tr>
<tr>
<td>109&quot; x 74&quot; (X/X – X/X – X/X DHHP Mulled Triple)</td>
<td>LC50</td>
<td>0.15</td>
<td>7.52</td>
</tr>
</tbody>
</table>

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:
<table>
<thead>
<tr>
<th>Min:</th>
<th>Max:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>17 3/4&quot;</td>
</tr>
<tr>
<td>Height</td>
<td>26&quot;</td>
</tr>
</tbody>
</table>
(Max. United Inches 126")
Egress Formulas:
Egress Width ≥20” and Egress Height ≥24” and Egress Area ≥ 5.7 ft² 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)
(1/2 Screen)
(1/2 Screen)

Cross Sections:

Standard Mullion Assembly:                                                  High Performance Mullion Assembly: