YHC 300 SSG Cassette
Impact Resistant, 4-sided SSG Curtain Wall with Cassette Installation

Versatile Toggled Cassette System
The YHC 300 SSG Cassette is a 4-side structural silicone glazed system designed for hurricane impact resistance. Framing is stick built in the field. Shop glazed cassettes interlock with integral adapters on the horizontals to create full width engagement top and bottom. Vertical sides are toggled to the mullions to complete the mechanical attachment in the field. This process makes assembly efficient and cost effective.

Product Options & Features
- Versatile Framing Design
  - Multiple system depths available
  - 1-5/16” glazing thickness standard
  - Inside & Outside corners – 90 ° and 135
  - Accommodates splayed wall designs
- Structural setting block chairs
- Glazing options for 70 psf and 90 psf
- Horizontal stack joints for multi-span
- IBC & Florida Product Approvals
  - Large and Small Missile
  - Statewide and HVHZ

U-Factor Values as low as 0.30*
CRF Minimum 81frame & 68glass

*Based on AAMA 507. Lower values may be achieved through further simulation.
### SYSTEM SPECIFICATIONS

<table>
<thead>
<tr>
<th>System Sightline</th>
<th>Base Depth</th>
<th>Glazing &amp; Config</th>
<th>Glass</th>
<th>Air Infiltration</th>
<th>Water Infiltration</th>
<th>Thermal Performance</th>
<th>Acoustical Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot;</td>
<td>7-11/16&quot;</td>
<td>Outside &amp; Front Set</td>
<td>1-5/16&quot; Laminated Insulating</td>
<td>0.06 CFM/FT² (1.10 m³/h.m²) @ 6.24 PSF (299 Pa)</td>
<td>Static: 15 PSF (718 Pa) Dynamic: 15 PSF (718 Pa)</td>
<td>U-factor: 0.37 BTU/HR•FT²•°F* CRF: Minimum of 81 on frame**</td>
<td>Lam STC: 39 Lam OITC: 33</td>
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</tbody>
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**Testing Standards**
- ASTM E 283
- ASTM E 331 & AAMA 501
- * NFRC 100 & ** AAMA 1503
- ASTM E 90 & 1425

**Florida Product Approval**
- FL 25556 - Large and Small Missle, HVHZ

**Available Finishes**
- Organic Paints (AAMA 2605)

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**Thermal Performance**

**1-5/16" Laminated IGU**

<table>
<thead>
<tr>
<th>C.O.G U-Factor</th>
<th>BTU/hr·ft²·°F</th>
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<tbody>
<tr>
<td>3&quot; x 7-1/16&quot;</td>
<td>0.50 0.28 0.26 0.24 0.22 0.20</td>
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**CRF**

<table>
<thead>
<tr>
<th>Frame</th>
<th>Glass</th>
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<tr>
<td>81</td>
<td>68</td>
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**Testing Standards**
- AAMA 507
- AAMA 1503

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**WARMER INTERIOR SURFACES**
- Greater occupant comfort and increased resistance to condensation, with CRF values up to 81

**SPECIALY DESIGNED FITTING**
- Specially created mullion to help secure and interlock pre-glazed window unit

**CASSETTE PANELS**
- Glass is structurally silicone glazed to an aluminum carrier frame (cassette) in a clean, controlled shop environment. The glazed cassettes are then inserted, rotated and set on integral support “shelves”

**TOGGLE CASSETTE CLIPS**
- Specially designed clips lock units into place and help with stability

**CLEAN INTERIOR AESTHETICS**
- Clean, unobtrusive lines at junction of cassette and back member

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Additional information including CAD details, CSI specifications, Test Reports and Installation instructions are available online at:  