YOV SSG
Zero Sightline, Operable Vent for Structural Silicone Glazed Curtain Wall

Bringing the Outside In
The YOV SSG Vent enables designers to provide ventilation to architectural aluminum wall systems without adding the large sight line of traditional windows, as it seemingly blends with the surrounding framing system to become virtually invisible when viewed from the exterior. This product is an excellent choice for schools, offices and other commercial structures requiring ventilation. The YOV SSG provides excellent ventilation that meets the 2012 International Energy Conservation Code (IECC) through Zone 6 with standard Low E (U = 0.39 COG).

Product Options & Features
- Glazes into 4-sided Curtain Wall (Field or Shop) or any 2-sided vertical combo of SSG/Captured
- Configurations: Casement Out & Project Out
- Glass is bonded to vent’s frame without need for additional retainers, providing a clean look
- Tinted glass option for more aesthetic look
- Vent and Frame Multi-Point Locks available
- Factory glazing and screens available
- YKK AP Heavy Duty, Stainless Steel hinges and Standard White Bronze cast locking hardware

U-Factor Values as low as 0.31*

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

CRF Minimum 73 frame & 72 glass
# SYSTEM SPECIFICATIONS

<table>
<thead>
<tr>
<th>System Sightline</th>
<th>Base Depth</th>
<th>Glazing</th>
<th>Air Infiltration</th>
<th>Water Infiltration</th>
<th>Acoustical Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°</td>
<td>2-3/4&quot;</td>
<td>1&quot; IGU with Low-E (C.O.G. U-factor: 0.29)</td>
<td>0.10 CFM/FT² (1.85 m³/h·m²) @ 6.24 PSF (299 Pa)</td>
<td>Static: 15 PSF (720 Pa) Dynamic: 15 PSF (720 Pa)</td>
<td>Std STC: 35 Std OITC: 28 Lam STC: 36 Lam OITC: 28</td>
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**Testing Standards**
- ASTM E 283
- ASTM E 331 & AAMA 501
- ASTM E 90 & ASTM E 1425

**Oversized Vent Option**
Up to 58 x 93 with AW Performance Grade 55

**Structural Performance**
- AW Performance Grade 70
- AW Performance Grade 100 with Project Out and VMPL Hardware

**Available Finishes**
Factory Anodized (AAMA 612) and Organic Paints (AAMA 2604 & AAMA 2605)

## Thermal Performance

<table>
<thead>
<tr>
<th>1&quot; IGU</th>
<th>BTU/hr-ft²°F</th>
<th>CRF</th>
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<tbody>
<tr>
<td>C.O.G U-Factor</td>
<td>0.50</td>
<td>75</td>
</tr>
<tr>
<td>Awning (Outswing)</td>
<td>0.42</td>
<td>75</td>
</tr>
<tr>
<td>Casement (Outswing)</td>
<td>0.39</td>
<td>75</td>
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**Testing Standards**
- ASTM E 331
- AAMA 507

## HARDWARE

- **Cam Handle Lock System (STANDARD)**
- **Roto Handle for Project-Out (OPTIONAL)**
- **Frame Multi-Point Locking System (OPTIONAL)**
- **Vent Multi-Point Locking System (OPTIONAL)**

**Also Available:** Wicket Screens (10" Door or Full) and a Limit Device (Approved for NYC)

Additional information including CAD details, CSI specifications, Test Reports and Installation instructions are available online at: [www.ykkap.com/commercial/product/architectural-windows/yov-ssg/](http://www.ykkap.com/commercial/product/architectural-windows/yov-ssg/)