YHC 300 OG
Impact Resistant and Blast Mitigating, Outside Glazed Curtain Wall

Protection for Every Application
The YHC 300 OG is a high performance curtain wall system designed and tested to provide innovative impact and blast solutions for a wide range of applications and design pressures from 45 PSF all the way to 130 PSF. The 3" face dimension ensures recommended glass clearances are maintained. Dry glazing options (for all design pressure ranges) slash installation time for quicker building dry-in.

Product Options & Features
- Fully tested to ASTM 1886 / 1996 and TAS 201-203
- Florida Product Approvals for large and small missile including HVHZ and Level E Protection
- Mullion options provide the most cost effective solutions across all pressures and designs
- 15/16" glass bites maintain GANA guidelines of 1/4" clearance to reduce glass breakage
- Designed for single and multispan applications
- Achieve 17" single spans at 90 PSF
- Accommodates monolithic and insulating glass
- Shallow mullion option available

U-Factor
Values as low as 0.37*

CRF
Minimum 72 frame & 68 glass

*Based on AAMA 507. Lower values may be achieved through further simulation.
YHC 300 OG

**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>Acoustical Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot;</td>
<td>7-11/16&quot;</td>
<td>Outside &amp; Front Set</td>
<td>9/16&quot; Monolithic or 1-5/16&quot; IGU with Low-E (C.O.G. U-factor: 0.29)</td>
<td>0.06 CFM/FT² (1.10 m³/h·m²)</td>
<td>Static: 20 PSF (958 Pa) Dynamic: 20 PSF (958 Pa)</td>
<td>Lam STC: 37 Lam OITC: 32</td>
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**Testing Standards**
- ASTM E 283
- ASTM E 331 & AAMA 501
- ASTM E 90 & 1425

**Product Approvals**
- Missile Level A, D, E, Wind Zone 3 & HVHZ, ICC Florida Building Code, TDI Compliant

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

**Thermal Performance**

<table>
<thead>
<tr>
<th>1-5/16&quot; Laminated IGU</th>
<th>BTU/hr·ft²·°F</th>
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<tbody>
<tr>
<td>C.O.G U-Factor</td>
<td></td>
</tr>
<tr>
<td>3&quot; x 7-11/16&quot;</td>
<td>0.46</td>
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**CRF**

<table>
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<th>Frame</th>
<th>Glass</th>
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<tr>
<td>72</td>
<td>68</td>
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**Testing Standards**
- AAMA 507
- AAMA 1503

**HURRICANE & BLAST PROTECTION**

- ICC Compliant and FBC Statewide approvals – HVHZ
- Large Missile Level E – Essential Facilities
- Large Missile Level D & Small Missile Level A
- “Low Hazard” per ASTM F 1642 Test @ 6 psi / 41 psi–ms

Dry Glazing option shown. Visit www.ykkap.com for glazing options and CSI Specs by performance and glazing type.

Additional information including CAD details, CSI specifications, Test Reports and Installation instructions are available online at: www.ykkap.com/commercial/product/curtain-walls/yhc-300-og/