Product Description
The YUW 750 TU is a unitized wall system with polyamide plates designed to be assembled and glazed in a climate controlled environment for increased quality assurance of critical seals. Complete units are then shipped directly to the jobsite permitting rapid installation and dry-in of low to mid-rise commercial buildings. The YUW 750 TU also easily interfaces with sun shades for a greater sustainable design solution.

Product Options & Features
- Versatile Framing Design with captured and 4-sided structural silicone glazing (SSG)
- Polyamide and Barriers minimize Heat Transfer
  - Improved Occupant Comfort
  - Increased Condensation Resistance
- 90° inside and outside corners
- 3-way adjustable curtain wall anchors
- Simplified dimensions for frame and glass ease installation and gives an even, aesthetic look
- Dual Finish Capability (inside / outside finish)
- Optional substituted aluminum thermal barriers

U-Factor
Values as low as 0.31*

CRF
Minimum 72 frame & 69 glass

*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>Acoustical Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1/2”</td>
<td>7-1/2”</td>
<td>Outside or SSG &amp; Front Set</td>
<td>1” IGU with Low-E (C.O.G. U-factor: 0.29)</td>
<td>0.06 CFM/FT² (1.10 m³/h·m²) @ 6.24 PSF (299 Pa)</td>
<td>Static: 20 PSF (958 Pa) Dynamic: 20 PSF (958 Pa)</td>
<td>Captured: Std STC: 32 Lam: 36 Std OITC: 27 Lam: 30</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>SSG: Std STC: 33 Lam: 36 Std OITC: 27 Lam: 30</td>
</tr>
</tbody>
</table>

**Testing Standards**
- ASTM E 283
- ASTM E 331 & AAMA 501.1
- ASTM E 90 & 1425

**Available Finishes**
Organic Paints (AAMA 2604 & AAMA 2605)

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**Thermal Performance**

<table>
<thead>
<tr>
<th>Thermal Performance</th>
<th>BTU/hr-ft²•°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.O.G U-Factor</td>
<td></td>
</tr>
<tr>
<td>Captured Polyamide</td>
<td>0.30 0.28 0.26 0.24 0.22 0.20</td>
</tr>
<tr>
<td>SSG Polyamide</td>
<td>0.40 0.39 0.37 0.35 0.34 0.32</td>
</tr>
<tr>
<td>Captured Aluminum</td>
<td>0.41 0.40 0.38 0.36 0.35 0.33</td>
</tr>
<tr>
<td>SSG Aluminum</td>
<td>0.41 0.39 0.37 0.36 0.34 0.32</td>
</tr>
</tbody>
</table>

**CRF**

<table>
<thead>
<tr>
<th>Frame</th>
<th>Glass</th>
</tr>
</thead>
<tbody>
<tr>
<td>76</td>
<td>71</td>
</tr>
<tr>
<td>74</td>
<td>69</td>
</tr>
<tr>
<td>72</td>
<td>70</td>
</tr>
</tbody>
</table>

To help keep inside temperatures constant, YKK AP designed a low conductivity pressure plate to reduce heat transfer. These Polyamide 6/6 pressure plates are a superior option compared to handling alternative fiberglass products.

**POLYAMIDE PLATE - CAPTURED / GASKET - SSG**
Maximizes expansion / contraction; helps with insulation

**THERMALLY BROKEN**
Pour & Debrided barrier provides separation for thermal performance

**PRESSURE EQUALIZATION**
System manages water penetration through equalization

**TWO PIECE HEAD DESIGN**
Provides square cuts for horizontal members in lieu of notching

**INTEGRATED STRUCTURAL SUPPORT**
Carries deadload of the insulating glass

Frame temperature comparison values based on 0° exterior and 70° interior temperatures.

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