YUW 750 XT
Unitized Curtain Wall System with Advanced Thermal Performance

Shop-Glazed, High Performing Unitized Wall System

The YUW 750 XT is a unique and versatile unitized wall system designed to curb a building’s energy appetite and protect against interior moisture. The system is 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.

Product Options & Features

- Versatile Framing Design:
  - 4-sided captured: 2-1/2” sightline
  - 2-sided SSG (horiz/vert)
  - 4-sided structural silicone glazing
- Advanced thermal barrier lowers heat transfer, improved comfort and condensation resistance
- 3-way adjustable curtain wall anchors
- Silicone setting blocks and stack gasket
- Dual Finish capability for interior and exterior

U-Factor Values as low as 0.30/0.33*
CRF Minimum 72 frame & 68 glass

*Based on AAMA 507. Lower values may be achieved through further simulation.
YUW 750 XT

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>Inside 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 (957 Pa) Dynamic: 20 PSF (957 Pa)</td>
<td>Std STC: 33 Lam STC: 35 Std OITC: 28 Lam OITC: 32</td>
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Testing Standards
- ASTM E 283
- ASTM E 331 & AAMA 501
- ASTM E 90 & 1425

Mullion Options
- Depths: 6” and 7-1/2”
- Members: Anchors, 90° inside corner, 90° outside corner

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

Thermal Performance

<table>
<thead>
<tr>
<th>1” IGU with LowE</th>
<th>BTU/hr·ft²·°F</th>
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<tbody>
<tr>
<td>C.O.G. U-factor</td>
<td>0.30 0.28 0.26 0.24 0.22 0.20</td>
</tr>
<tr>
<td>Captured</td>
<td>0.39 0.37 0.35 0.34 0.32 0.30</td>
</tr>
<tr>
<td>SSG</td>
<td>0.42 0.40 0.38 0.37 0.35 0.33</td>
</tr>
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</table>

Testing Standards
- NFRC 100
- AAMA 1503

Temperature Scale

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

ZOOM MULLION VIEWS

- **DOUBLE DIAPHRAGM STACK GASKET** - Maximizes expansion /contraction creating insulating dead air chambers. Total vertical movement = ± 3/4”
- **WARMER INTERIOR SURFACES** - Greater occupant comfort and increased resistance to condensation
- **INTEGRATED STRUCTURAL SUPPORT** - Carry deadload of the insulating glass
- **CAPTURED MEMBERS** - Polyamide thermal barrier provides 1-1/4” separation for high thermal performance
- **AVOID MASKING TAPE / CLEAN UP** - Gasket / spacer allows silicone application from exterior

Additional information including CAD details, CSI specifications, Test Reports, Fenestration Product Rating Certificates and Installation instructions are available online at: [www.ykkap.com/commercial/product/curtain-walls/yuw-750-xt/](http://www.ykkap.com/commercial/product/curtain-walls/yuw-750-xt/)