Application Flexibility
The YOW 350 T windows have been designed and engineered to provide the highest level of performance. They have an overall depth of 3-1/2”, the strength of 1/8” wall thickness, and are thermally broken by means of MegaTherm® technology to conserve energy, reduce operating costs, and allow for a dual finish option to fit design needs. This system, when coupled with its mullion options and full line of accessories, can be used as a factory glazed window wall system.

Product Options & Features
- AAMA/WDMA/CSA 101/1.L.S. 2/A 440-05
  - AW-80 (Operable), AW-100 (Fixed)
- Multiple glazing combinations (see reverse)
  - Dual Glazed – Optional 1” Blinds
  - Triple Glazed - Optional 5/8” Blinds
  - 1” Insulating Glass
- Heavy Duty Hardware: YKK AP Four-Bar Hinges and a 4” NYC Approved Limit Device
- Factory glazing and screens available
- Applied Muntins, Panning, and Trim

U-Factor
Values as low as 0.33*
Minimum 50 frame & 67 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”</td>
<td>3-1/2”</td>
<td>Insulating &amp; Casement Out, Project Out or Fixed</td>
<td>1” 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>Operable: 12 PSF (575 Pa)</td>
<td>Case STC: 33</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>Fixed: 15 PSF (718 Pa)</td>
<td>Case OITC: 26</td>
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</tbody>
</table>

#### Testing Standards
- ASTM E 283
- ASTM E 331 & AAMA 501
- ASTM E 90 & 1332

#### Structural Performance
- AAMA/WDMA/CSA 101/S.A. A440-05
- AW Performance Grade 80 (Operable) & AW Performance Grade 100 (Fixed)

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

### Dual Glazing

This option gives improved acoustical performance through the use of increased air space and the addition of laminated glass in the exterior lite.

### Triple Glazing

This option replaces the monolithic exterior lite of the dual glazed window with a one inch insulating unit – providing improved thermal efficiency.

### MUNTIN OPTIONS

#### Simulated Divided Lite
- (Only With 1” Insulating Glass)

#### 1” Insulating Glass With Applied Muntin

#### Optional Blind

### Benefits of Blinds that are Between the Glass:

Custodial access to the blinds provides consistent performance across the building and eliminates the “checkerboard effect” on the building’s exterior.

Blinds stay virtually dust-free, eliminating the need for cleaning.

Allows for variable control of solar heat gain.

Light colored blinds provide a “light shelf” effect during most of the daylight hours.

### Thermal Performance

<table>
<thead>
<tr>
<th>1” IGU</th>
<th>BTU/hr·ft²·°F</th>
<th>C.O.G U-Factor</th>
<th>Fixed</th>
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<th>Casement Out</th>
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<table>
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Testing Standards
- AAMA 507
- AAMA 1503

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Additional information including CAD details, CSI specifications, Test Reports and Installation instructions are available online at: [www.ykkap.com/commercial/product/architectural-windows/yow-350-t/](http://www.ykkap.com/commercial/product/architectural-windows/yow-350-t/)