

# YOW 350 TU

Thermally Broken, Heavy-Wall Window System for Insulating Glass



## OPERABLE WINDOWS

### Application Flexibility

The YOW 350 TU windows have been designed and engineered to provide the highest level of quality. The windows have an overall depth of 3-1/2" and are thermally broken by our ThermaBond Plus® technology. YOW 350 TU windows may be installed as independent units and designed to fit into most YKK AP storefront, window wall, or curtain wall systems. The vents are flush with the frame thus eliminating unsightly overlap. The windows is available in a variety of configurations to accommodate project requirements.

### Product Options & Features

- AAMA/WDMA/CSA 101/I.S. 2/A 440-05
  - ◆ AW-65 (Operable), AW-100 (Fixed)
- Available configs: Casement Outswing and Inswing, Project Out and In, Fixed
- Standard Heavy Duty Hardware
- Factory glazing and screens available
- Head/Jamb Receptors and Stacking Mullions
- ThermaBond Plus® thermal break
- Accepts 1" glazing

**U-Factor** Values as low as 0.34\*

**CRF** Minimum 53<sub>frame</sub> & 66<sub>glass</sub>

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



**YKK  
ap**

Quality  
inspires®



# YOW 350 TU

## SYSTEM SPECIFICATIONS

| System Sightline              | Base Depth | Glazing & Config                                | Glass                                     | Air Infiltration  | Water Infiltration  | Acoustical Performance                              |
|-------------------------------|------------|---|---|---|---|---|
| 2"                            | 3-1/2"     | Insulating & Casement Out, Project Out or Fixed | 1" IGU with Low-E (C.O.G. U-factor: 0.29) | 0.10 CFM/FT <sup>2</sup><br>(1.85 m <sup>3</sup> /h·m <sup>2</sup> )<br>@ 6.24 PSF (299 Pa)         | <b>Operable:</b><br>12 PSF (575 Pa)<br><b>Fixed:</b><br>15 PSF (718 Pa) | <b>Operable STC:</b> 33<br><b>Operable OITC:</b> 26 |
| <b>Testing Standards</b>      |            |   |   | ASTM E 283  | ASTM E 331 & AAMA 501   | ASTM E 90 & 1332                                    |
| <b>Structural Performance</b> |            |   |   | AAMA/WDMA/CSA 101/I.S.2/A440-08 AW Performance Grade 65 (Operable) AW Performance Grade 100 (Fixed) |   |   |
| <b>Available Finishes</b>     |            |   |   | Factory Anodized (AAMA 612) and Organic Paints (AAMA 2604 & AAMA 2605)                              |   |   |

| Thermal Performance      |                            |      |      |      |      |      |
|--------------------------|----------------------------|------|------|------|------|------|
| 1" IGU                   | BTU/hr·ft <sup>2</sup> ·°F |      |      |      |      |      |
| <b>C.O.G U-Factor</b>    | 0.30                       | 0.28 | 0.26 | 0.24 | 0.22 | 0.20 |
| <b>Fixed</b>             | 0.42                       | 0.40 | 0.39 | 0.37 | 0.35 | 0.34 |
| <b>Project Out</b>       | 0.55                       | 0.54 | 0.53 | 0.52 | 0.51 | 0.50 |
| <b>Casement Out</b>      | 0.54                       | 0.53 | 0.52 | 0.51 | 0.50 | 0.49 |
| <b>Testing Standards</b> | AAMA 507                   |      |      |      |      |      |

| CRF       |       |
|-----------|-------|
| Frame     | Glass |
| 65        | 72    |
| 58        | 67    |
| 53        | 66    |
| AAMA 1503 |       |

## HARDWARE OPTIONS



Cam Handle (Standard)



Multi Point Handle



Pole Cam Handle (Optional)



Custodial Cam Handle (Optional)



Roto Operator Crank Handle - Project



Roto Operator - Project



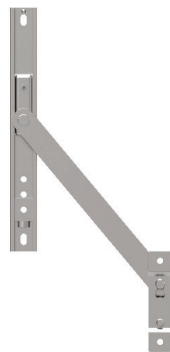
Roto Operator Crank Handle - Casement



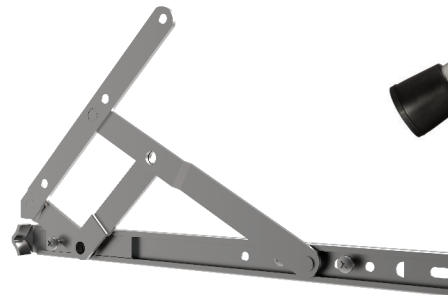
Roto Operator - Casement



Friction Device



Keyed Limit Device



4 Bar Hinge



Window Pole

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-tu/](http://www.ykkap.com/commercial/product/architectural-windows/yow-350-tu/)