

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 ThermoBond 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 are 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
- ThermoBond Plus® thermal break
- Accepts 1" glazing

U-Factor Values as low as 0.34*

CRF Minimum 53_{frame} & 66_{glass}

*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 ² (1.85 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	Operable: 12 PSF (575 Pa) Fixed: 15 PSF (718 Pa)	Operable STC: 33 Operable OITC: 26
Testing Standards				ASTM E 283	ASTM E 331 & AAMA 501	ASTM E 90 & 1332
Structural Performance				AAMA/WDMA/CSA 101/I.S.2/A440-08 AW Performance Grade 65 (Operable) AW Performance Grade 100 (Fixed)		
Available Finishes				Factory Anodized (AAMA 612) and Organic Paints (AAMA 2604 & AAMA 2605)		

Thermal Performance								
1" IGU							CRF	
BTU/hr·ft ² ·°F							Frame	Glass
C.O.G U-Factor	0.30	0.28	0.26	0.24	0.22	0.20	65	72
Fixed	0.42	0.40	0.39	0.37	0.35	0.34	58	67
Project Out	0.55	0.54	0.53	0.52	0.51	0.50	53	66
Casement Out	0.54	0.53	0.52	0.51	0.50	0.49	AAMA 1503	
Testing Standards	AAMA 507							

HARDWARE OPTIONS



Cam Handle (Standard)



Multi Point Handle



Pole Cam Handle (Optional)



Custodial Cam Handle (Optional)



Roto Operator Crank Handle - Project



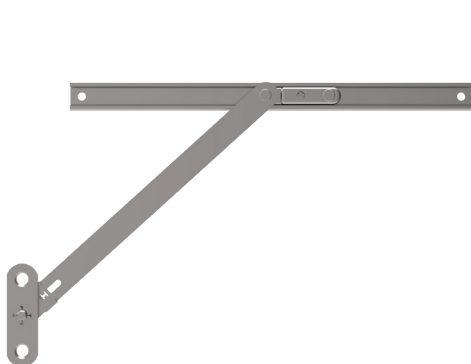
Roto Operator - Project



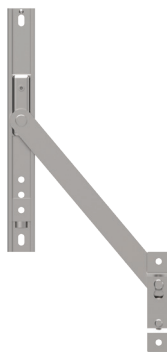
Roto Operator Crank Handle - Casement



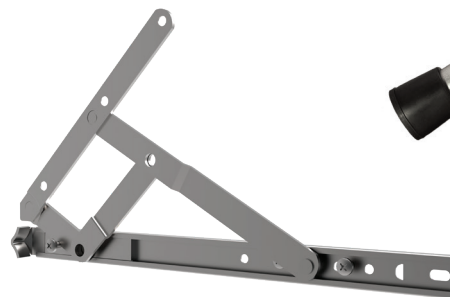
Roto Operator - Casement



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/