

# YOW 225 TU

Thermally Broken Operable Window for Insulating Glass



## OPERABLE WINDOWS

### A Quality Window at a Great Value

The YOW 225 TU windows have been designed and engineered to provide the highest level of quality. The windows have an overall depth of 2-1/4" and are thermally broken by means of our ThermaBond Plus® technology developed at YKK AP. These windows may be installed as independent units or adapted to fit into most YKK AP storefronts, window wall, or curtain wall systems. The vents are flush with the frame thus eliminating unsightly overlap. YOW 225 TU windows are available in a variety of configurations to accommodate project requirements.

### Product Options & Features

- AAMA/WDMA/CSA 101/I.S. 2/A 440-11
  - ◆ AW-65 (Operable), AW-100 (Fixed)
- Available configs: Casement Outswing, 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" insulated glass

**U-Factor** Values as low as 0.32\*

**CRF** Minimum 53<sub>frame</sub> & 64<sub>glass</sub>

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



Quality  
inspires®



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## SYSTEM SPECIFICATIONS

Base Depth	Glazing & Config	Glass	Air Infiltration	Water Infiltration	Acoustical Performance
2-1/4"	Laminated & Casement Out, Project Out, Project In or Fixed	1" IGU with Low-E (C.O.G. U-factor: 0.29)	0.10 CFM/FT <sup>2</sup> (1.83 m <sup>3</sup> /h-m <sup>2</sup> ) @ 6.24 PSF (299 Pa)	Static Operable: 12 PSF (575 Pa) Static Fixed: 15 PSF (718 Pa)	Operable STC: 33 Operable OITC: 26  Fixed STC: 32 Fixed OITC: 27
Testing Standards			ASTM E 283	ASTM E 331 & AAMA 501	ASTM E 90 & 1332
Product Testing			AW-65 Operable, AW-100 Fixed, AAMA/WDMA/CSA/101/I.S.2/A440-11		
Available Finishes			Factory Anodized (AAMA 612) and Organic Paints (AAMA 2605)		

Thermal Performance							CRF	
1" IGU	BTU/hr·ft <sup>2</sup> ·°F						Frame	Glass
C.O.G U-Factor	0.30	0.28	0.26	0.24	0.22	0.20	58	64
Fixed	0.40	0.38	0.37	0.35	0.34	0.32	53	72
Project Out	0.53	0.52	0.51	0.50	0.48	0.47	55	74
Casement Out	0.53	0.52	0.51	0.50	0.49	0.47	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



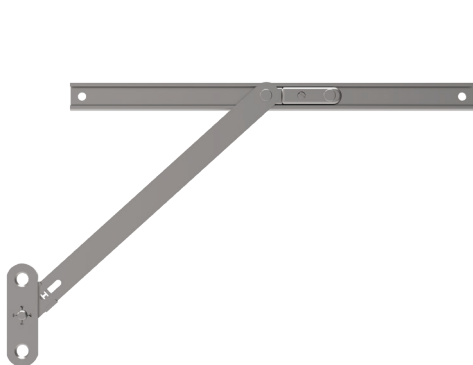
Roto Operator - Project



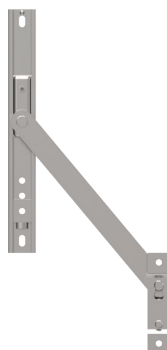
Roto Operator Crank Handle - Casement



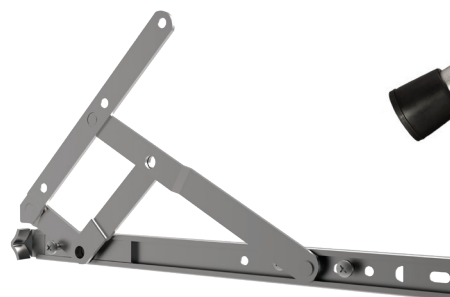
Roto Operator - Casement



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-225-tu/](http://www.ykkap.com/commercial/product/architectural-windows/yow-225-tu/)