

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/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" insulated glass

U-Factor Values as low as 0.32*

CRF Minimum 53_{frame} & 64_{glass}

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



**YKK
ap** | Quality
inspires®



YOW 225 TU

SYSTEM SPECIFICATIONS

Base Depth	Glazing & Config	Glass	Air Infiltration	Water Infiltration	Acoustical Performance
2-1/4"	Laminated & Casement In/Out, Project Out, Project In or Fixed	1" IGU with Low-E (C.O.G. U-factor: 0.29)	0.10 CFM/FT ² (1.83 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	Static Operable: 12 PSF (575 Pa) Static 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
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						
1" IGU	BTU/hr·ft ² ·°F					
C.O.G U-Factor	0.30	0.28	0.26	0.24	0.22	0.20
Fixed	0.40	0.38	0.37	0.35	0.34	0.32
Project Out	0.53	0.52	0.51	0.50	0.48	0.47
Casement Out	0.53	0.52	0.51	0.50	0.49	0.47
Testing Standards	AAMA 507					

CRF	
Frame	Glass
58	64
53	72
55	74
AAMA 1503	

HARDWARE OPTIONS



Cam Handle (Standard)



Custodial Cam Handle (Optional)



Pole Cam Handle (Optional)



Window Pole



Multi Point Handle



Custodial Multi Point Handle (Optional)



Roto Operator - Casement



Roto Operator - Project



Roto Operator Crank Handle - Project



Roto Operator Extensions, 2" & 4"



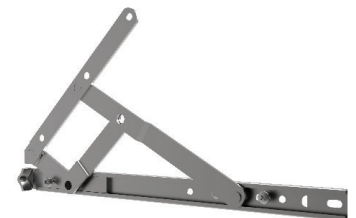
Butt Hinges - Casement



Friction Device



Keyed Limit Device



4 Bar Hinge

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/