



www.ykkap.com



Ozanam Hall at DePaul University - Chicago, IL

YOW 350 TU

Thermally Broken Operable Window for Insulating Glass

The **YOW 350 TU** windows have an overall depth of 3-1/2" and are designed and engineered to provide the highest level of quality. These windows may be installed as independent units or customized to fit into most YKK AP storefronts, window wall, or curtain wall systems. The vents are flush with the frame thus eliminating unsightly overlap. This system, when coupled with its mullion options and full line of accessories, can be used as a factory glazed window wall system.

- Available Fixed, Casement Inswing/Outswing and Project Inswing/Outswing
- Standard Heavy-Duty Operable Hardware
- Factory Glazing and Screen Options
- ThermaBond Plus® - Thermally Broken with pour and de-bridged urethane cavities
- Full assortment of receptors, sill flashing, stacking mullions, panning, trim, & muntins
- Twin and Triple Combination Window Options
- AW Performance Grade 65 for Operable and AW Performance Grade 100 for Fixed

Thermal Values:

Fixed Operable

U-Factor:	Values as low as 0.26 and 0.44*
CRF:	Minimum 53 frame and 66 glass

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

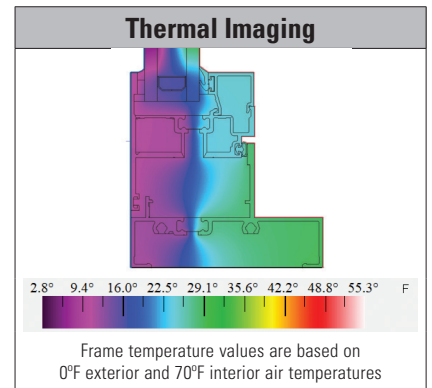


YOW 350 TU SPECS		
Base Depth	3-1/2"	
Sightline	2-3/16" Fixed & 3-1/2" Operable	
Config	Fixed, Casement Out/In & Project Out/In	
Tested Glass	1" IGU with Low-E (C.O.G. U-Factor: 0.29)	
Test	Results	Standards
Air Infiltration	0.10 CFM/FT ² (1.83 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	ASTM E 283
Water Infiltration	Operable: Static: 13 PSF (622 Pa) Dynamic: 13 PSF (622 Pa) Fixed: Static: 15 PSF (718 Pa)* Dynamic: 15 PSF (718 Pa)*	ASTM E 331 ASTM E 547
Acoustical (1" IGU)	Operable STC: 33 Operable OITC: 26 Fixed STC: 31 Fixed OITC: 26	ASTM E 90 ASTM E 1425

Thermal Performance									
Window Config	U-Factor - BTU/hr·ft ² ·°F						CRF		
Fixed	0.42	0.40	0.39	0.37	0.35	0.34	65	72	
Project Outswing	0.55	0.54	0.53	0.52	0.51	0.50	58	67	
Casement Outswing	0.54	0.53	0.52	0.51	0.50	0.49	53	66	
Center of Glass	0.30	0.28	0.26	0.24	0.22	0.20	Frame	Glass	
AAMA 507							AAMA 1503		

Finish Options	
Type	Standard
Factory Anodized	AAMA 612
Organic Paints	AAMA 2604 AAMA 2605

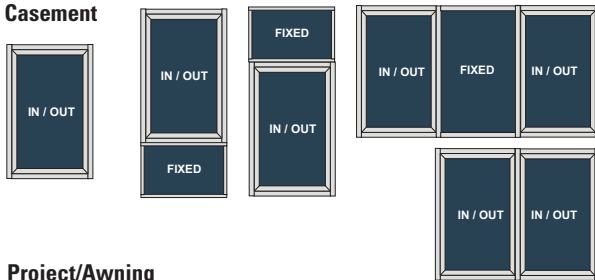
Structural Performance
AAMA/WDMA/CSA 101/I.S. 2/A 440-11
Operable: AW Performance Grade 65
Fixed: AW Performance Grade 100



*Lower than actual tested data.

Configurations

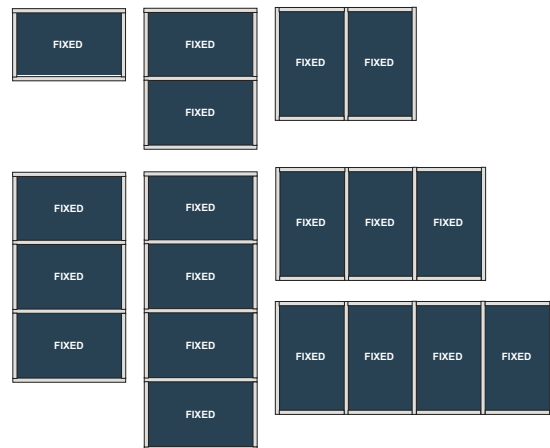
Casement



Project/Awning



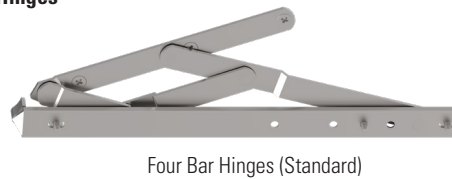
Fixed



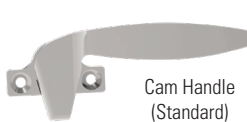
Other configurations and hardware may be available.
Please contact your local branch or rep for more information.

Hardware Options

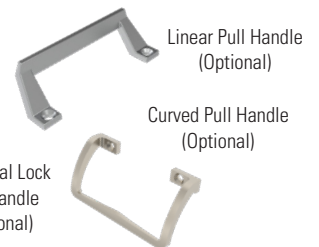
Hinges



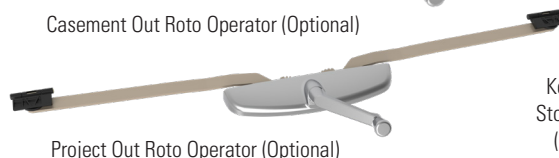
Handles



Frame Multi-Point Locking (FMPL)



Operators & Stops



Additional information including CAD details, CSI specs, test reports and installation instructions are found on the Product Guide by clicking this link or visiting www.ykkap.com/commercial/productguide