

YKK aP®

www.ykkap.com

ProTek®

YKK AP Hurricane & Blast Solutions



Whole Foods Market - Sarasota, FL

YOW 225 H

Impact Resistant Operable Window for Monolithic Glass

Our **YOW 225 H** windows have been designed and engineered to the highest standards so as to provide a window that will be worry free. For larger openings, the operating windows can be installed in YKK AP impact rated store front and curtain wall systems. The most cost effective and weather resistant configuration is a double casement in a master frame featuring a reduced sight line and no secondary penetrations of mullions or sill starter. The windows are glazed with laminated monolithic glass and the vents are flush with the frame thus eliminating unsightly overlap. The YOW 225 TUH is the thermally broken version of this product.

- Available Fixed, Casement Outswing and Project Outswing
- Standard Heavy-Duty Operable Hardware
- Factory Glazing and Screen Options
- Stacking Mullion Option
- Blast Mitigation Tested
- AW Performance Grade 65 for Operable and AW Performance Grade 100 for Fixed



YOW 225 H SPECS		
Base Depth	2-1/4"	
Sightline	2-1/4" Fixed & 3-1/2" Operable	
Config	Fixed, Casement Out & Project Out	
Tested Glass	9/16" Monolithic IGU with Low-E (C.O.G. U-Factor: 0.29)	
Test	Results	Standards
Air Infiltration	0.30 CFM/FT ² (1.85 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	TAS 202 ASTM E 283
Water Infiltration	Static Operable: 12 PSF (575 Pa) Static Fixed: 15 PSF (718 Pa)	ASTM E 331 AAMA 501
Acoustical (1-1/16" IGU)	Operable STC: 34 Operable OITC: 27	ASTM E 90 ASTM E 1425
	Fixed STC: 32 Fixed OITC: 27	

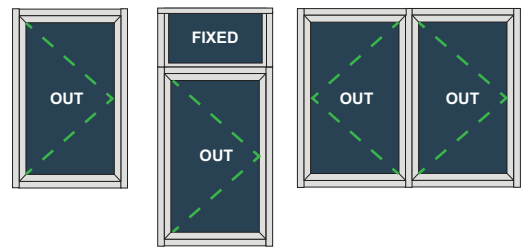
Finish Options	
Type	Standard
Factory Anodized	AAMA 612
Organic Paints	AAMA 2605

Structural Performance	
Large/Small Missile	HVHZ
ICC WZ 3 & 4	ASTM E 1886/1996
TAS 201, 202 & 203	
Operable: AW Performance Grade 65 Fixed: AW Performance Grade 100	

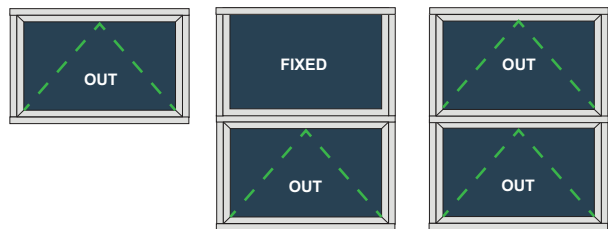
	Casement Hardware	Max. Vent Size	Max. Design Pressure	Wind Zone
Lock Options	Cam Handles	36" x 60"	+/- 65 psf	4 - HVHZ
	Multi-Point Lock	36" x 60"	+/- 65 psf	4 - HVHZ
	Frame Multi-Point Lock	42" x 72"	+/- 80 psf	4 - HVHZ
	Frame Multi-Point Lock	48" x 72"	+/- 65 psf	2 and 3
Hinge Options	Butt Hinge	42" x 72"	+/- 80 psf	4 - HVHZ
	16" 4-Bar Hinge	36" x 60"	+/- 65 psf	4 - HVHZ
	12" 4-Bar Hinge	36" x 72"	+/- 80 psf	4 - HVHZ

Configurations

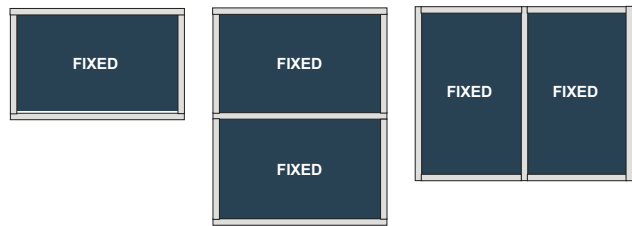
Casement



Project/Awning



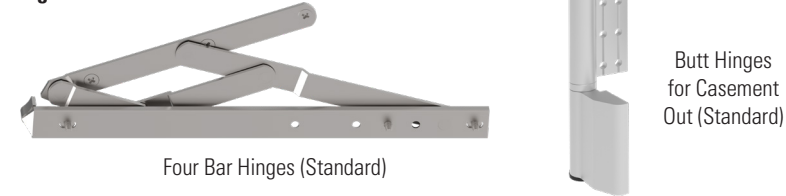
Fixed



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

Hardware Options

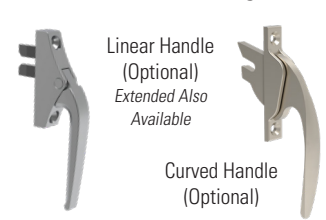
Hinges



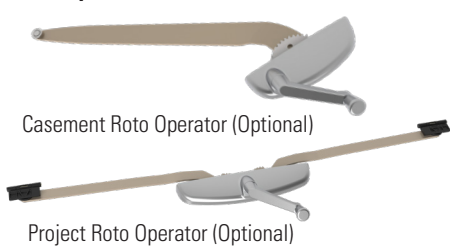
Handles



Frame Multi-Point Locking (FMPL)



Operators



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