

YKK aP®

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ProTek®
YKK AP Hurricane & Blast Solutions



Jennie Sealy Hospital - Galveston, TX

YHC 300 OG

Impact Resistant and Blast Mitigating
Outside Glazed Curtain Wall System

The **YHC 300 OG** is a high performance curtain wall system designed and tested to provide innovative impact and blast solutions for a wide range of applications and design pressures from 45 PSF all the way to 130 PSF. The 3" face dimension ensures recommended glass clearances are maintained. Dry glazing options (for all design pressure ranges) slash installation time for quicker building dry-in.

- Fully tested to ASTM 1886 / ASTM 1996 and TAS 201-203
- Florida Product Approvals for large and small missile including HVHZ and Level E
- 15/16" glass bite meets GANA guidelines of 1/4" clearance to reduce glass breaks
- Single and multi-span applications
- Accommodates monolithic & insulating glass
- Shallow mullion option is available

Configuration:

Glazing	Glass Setting	Installation
Outside	Front Set	Shear Block

Thermal Values:

U-Factor:	Values as low as 0.37*
CRF:	Minimum 72 frame and 68 glass

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



YHC 300 OG SPECS		
Base Depth	7-11/16"	
Sightline	3"	
Config	Outside Glazed / Front Set	
Tested Glass	9/16" Monolithic or 1-5/16" IGU with Low-E (C.O.G. U-Factor: 0.29)	
Test	Results	Standards
Air Infiltration	0.06 CFM/FT ² (1.10 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	ASTM E 283
Water Infiltration	Static: 20 PSF (958 Pa) Dynamic: 20 PSF (958 Pa)	ASTM E 331 AAMA 501
Acoustical (1-1/4" IGU)	Laminated STC: 37 Laminated OITC: 32	ASTM E 90 ASTM E 1425

Thermal Performance								
Mullion Depth	U-Factor - BTU/hr·ft ² ·°F						CRF	
3" x 7-11/16" (1-5/16" Laminated IGU)	0.46	0.44	0.42	0.41	0.39	0.37	72	68
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 2605

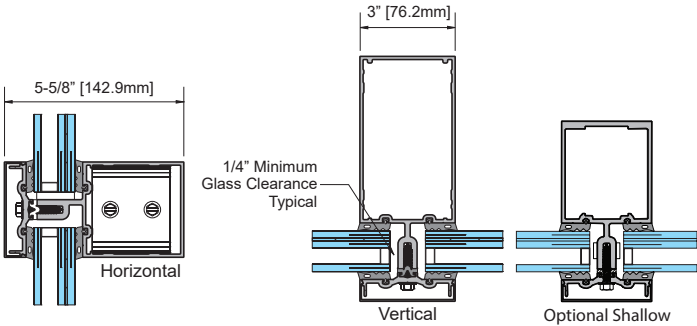
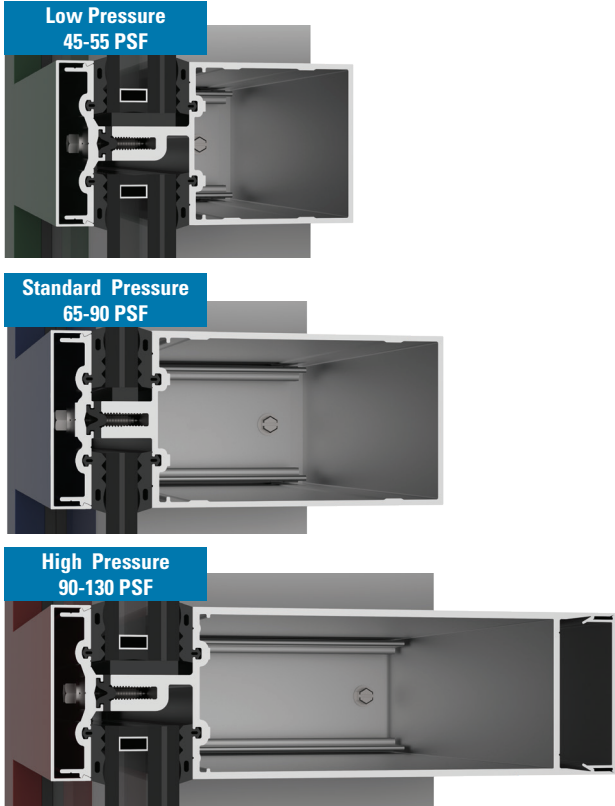
Product Approvals	
Missile Level A, D, E	Wind Zone 3
Hurricane HVHZ	International ICC
Florida FBC	Texas TDI

Mullion Depth Options	
Insulated	Monolithic
Low (45-55 PSF)	
5-21/32"	4-7/8"
Med (60-90 PSF)	
7-11/16"	6-15/16"
High (90-130 PSF)	
10-1/2"	9-3/4"

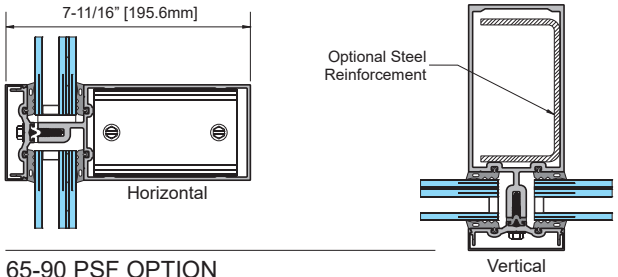
Hurricane and Blast Protection

- ICC Compliant and FBC Statewide approvals – HVHZ
- Large Missile Level E – Essential Facilities
- Large Missile Level D & Small Missile Level A
- “Low Hazard” per ASTM F 1642 Test @ 6 psi / 41 psi–ms

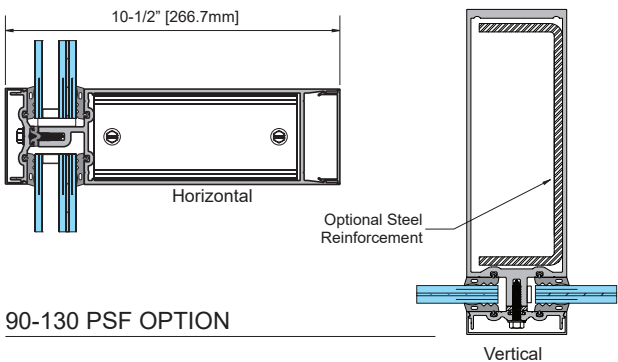
Dry Glazing option shown. Visit www.ykkap.com for glazing options and CSI Specs by performance and glazing type.



45-55 PSF OPTION



65-90 PSF OPTION



90-130 PSF OPTION

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