

YHC 300 OG

Impact Resistant and Blast Mitigating, Outside Glazed Curtain Wall

ProTek



YKK AP Hurricane & Blast Solutions

Protection for Every Application

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. This data sheet shows the PSF differences for each variation of the YHC 300 OG.

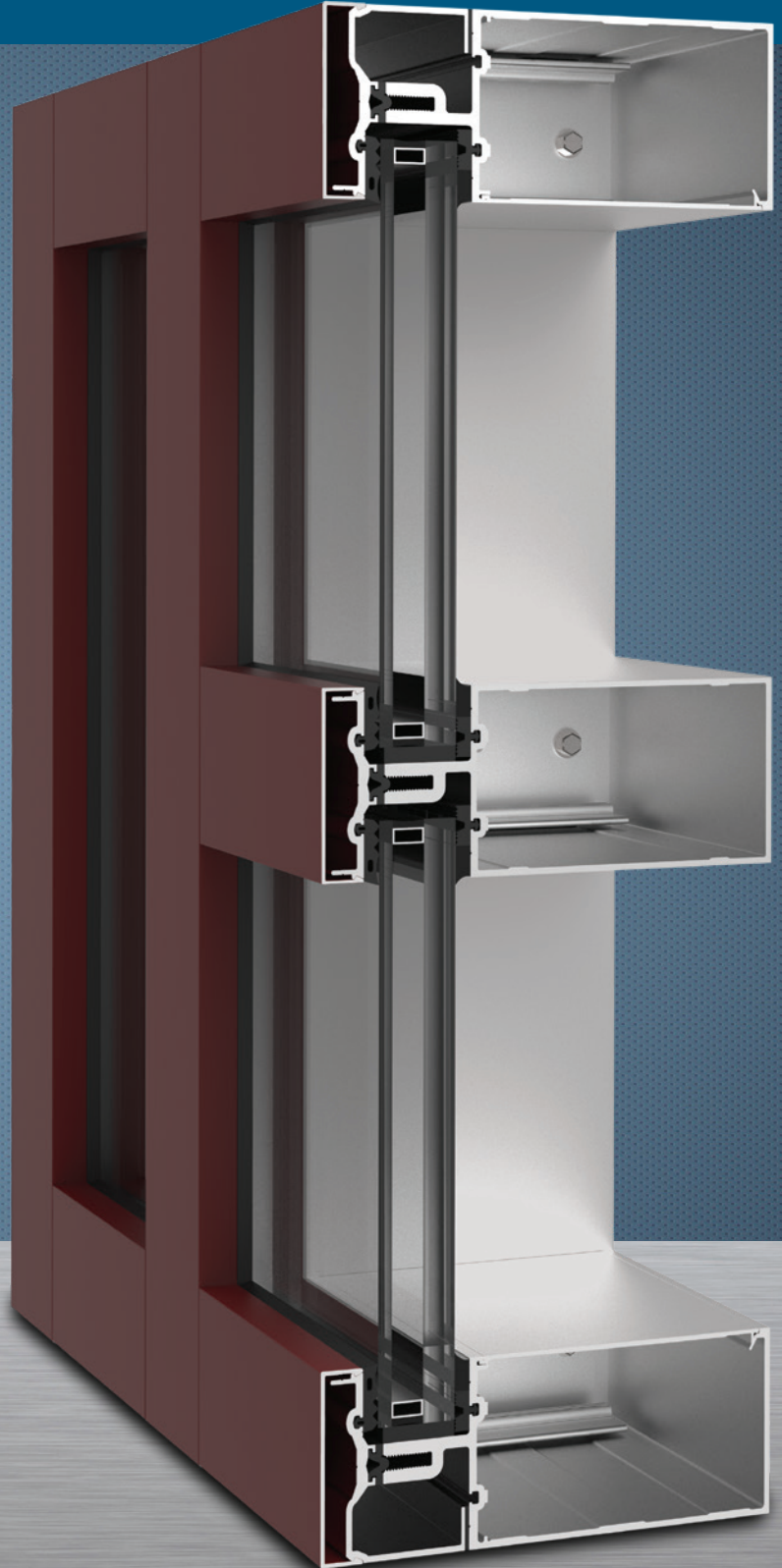
Product Options & Features

- Fully tested to ASTM 1886 / 1996 and TAS 201-203 standards
- Florida Product Approvals for large and small missile including HVHZ and Level E Protection
- Mullion options provide the most cost effective solutions across all pressures and designs
- 15/16" glass bites maintain GANA guidelines of 1/4" clearance to reduce glass breakage
- Designed for single and multispan applications
- Achieve 17' single spans at 90 PSF
- Accommodates monolithic and insulating glass
- Shallow mullion option available



YKK
ap

Quality
inspires®



YHC 300 OG

SYSTEM SPECIFICATIONS

| System Sightline | Base Depth | Glazing & Config | Glass | Air Infiltration | Water Infiltration | Thermal Performance | Acoustical Performance |
|--------------------------|------------|---------------------|--|---|---|---|---|
| 3" | 7-1/16" | Outside & Front Set | 9/16" Monolithic or 1-5/16" IGU with Low-E (C.O.G. U-factor: 0.29) | 0.06 CFM/FT ² (1.10 m ³ /h-m ²) | Static: 20 PSF (958 Pa) Dynamic: 20 PSF (958 Pa) | U-factor: 0.42 BTU/HR•FT ² •°F* CRF: Minimum of 72 on frame** | Lam STC: 37 Lam OITC: 32 |
| Testing Standards | | | | ASTM E 283 | ASTM E 331 & AAMA 501 | * NFRC 102 & ** AAMA 1503 | ASTM E 90 & 1425 |

Product Approvals

Missiles A, D, E, Wind Zone 3 & HVHZ, ICC Florida Building Code, TDI Compliant

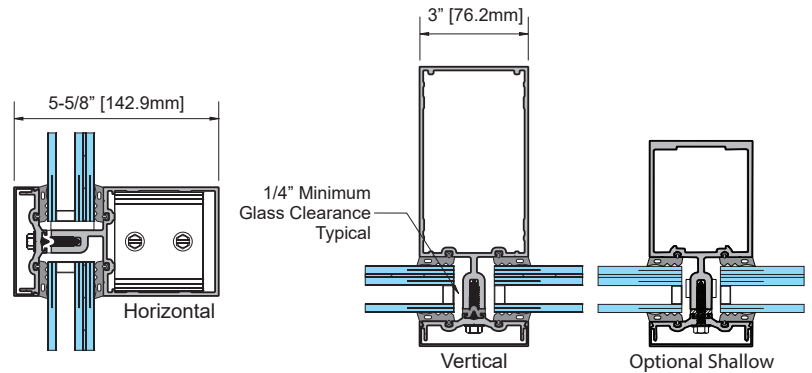
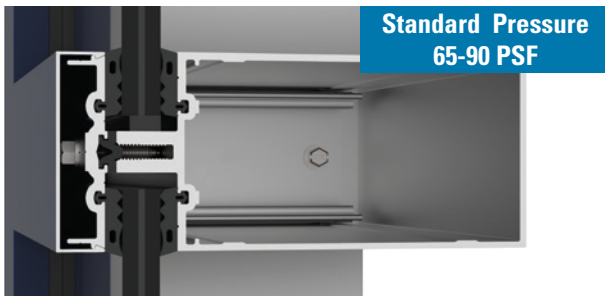
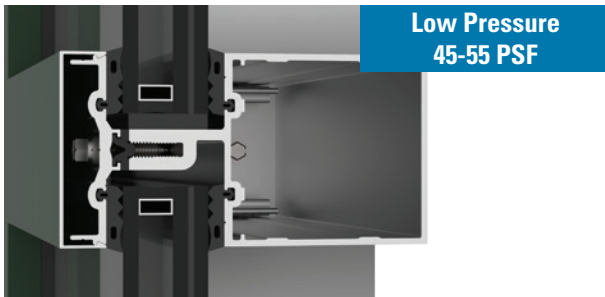
Available Finishes

Factory Anodized (AAMA 612) and Organic Paints (AAMA 2605)

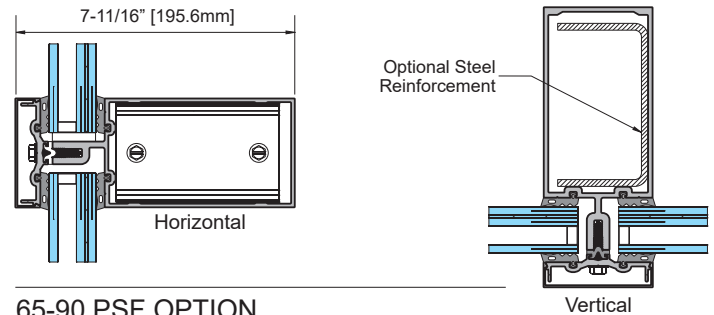
HURRICANE & BLAST PROTECTION

- ICC Compliant and FBC Statewide approvals – HVHZ (High Velocity Hurricane Zone)
- 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

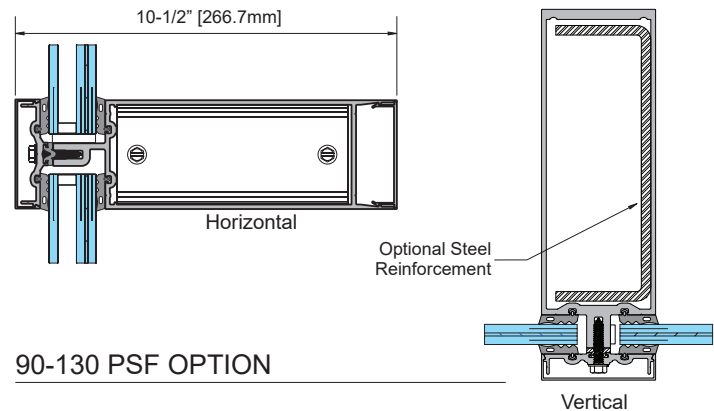
Dry Glazing option shown. Visit www.ykkap.com for glazing options and CSI Specs by performance and glazing type.



45-55 PSF OPTION



65-90 PSF OPTION



90-130 PSF OPTION

Additional information including CAD details, CSI specifications, Test Reports and Installation instructions are available online at:

www.ykkap.com/commercial/product/curtain-walls/yhc-300-og/