

YUW 750 XT

Unitized Curtain Wall System with Advanced Thermal Performance

enerGfacade®

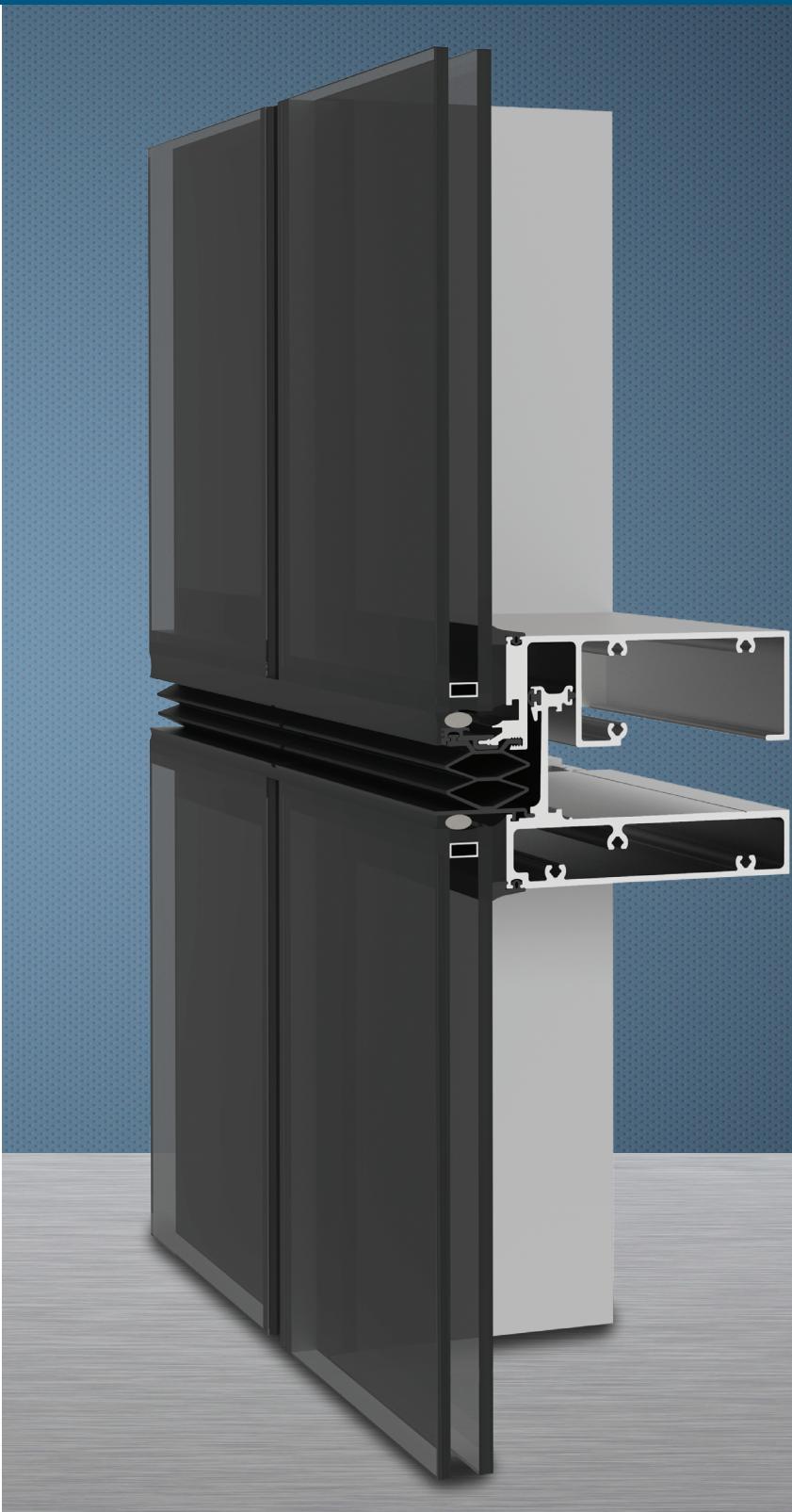


Shop-Glazed, High Performing Unitized Wall System

YUW 750 XT is a unique and versatile unitized wall system designed to curb a building's energy appetite and protect against interior moisture. The system is designed to be assembled and glazed in a climate controlled environment for increased quality assurance of critical seals. Complete units are then shipped directly to the jobsite permitting rapid installation and dry-in of low to mid-rise commercial buildings.

Product Options & Features

- Versatile Framing Design:
 - ◆ 4-sided captured: 2-1/2" sightline
 - ◆ 2-sided SSG (horiz/vert)
 - ◆ 4-sided structural silicone glazing
 - ◆ Common SSG / Captured vertical members
- Advanced thermal barrier lowers heat transfer, improved comfort and condensation resistance
- 3-way adjustable curtain wall anchors
- Silicone setting blocks and stack gasket
- Dual Finish capability for interior and exterior
- YKK AP's ThermaShade® and Luminance® sun control systems are available as options



**YKK
ap** | Quality
inspires®

YUW 750 XT

SYSTEM SPECIFICATIONS

System Sightline	Base Depth	Glazing & Config	Glass	Air Infiltration	Water Infiltration	Thermal Performance	Acoustical Performance
2-1/2"	7-1/2"	Inside or SSG & Front Set	1" IGU with Low-E (C.O.G. U-factor: 0.29)	0.06 CFM/FT ² (1.10 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	Static: 20 PSF (957 Pa) Dynamic: 20 PSF (957 Pa)	U-factor: 0.38 BTU/HR·FT ² ·°F CRF: Minimum of 75 on frame**	Std STC: 33 Std OITC: 28
							Lam STC: 35 Lam OITC: 32
Testing Standards			ASTM E 283	ASTM E 331 & AAMA 501	* NFRC 100 & ** AAMA 1503	ASTM E 90 & 1425	

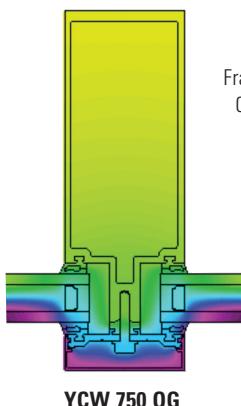
Options

Depths: 6" and 7-1/2" Members: Anchors, 90° inside corner, 90° outside corner

Available Finishes

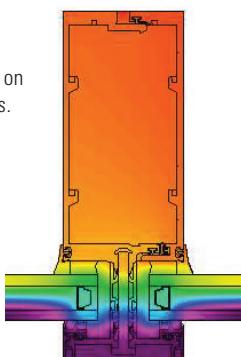
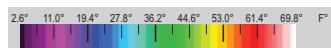
Factory Anodized (AAMA 612) and Organic Paints (AAMA 2604 & AAMA 2605)

THERMAL IMAGING



Frame temperature comparison values based on 0° exterior, and 70° interior air temperatures.

Temperature Scale



ZOOM MULLION VIEWS

- ▼ **DOUBLE DIAPHRAGM STACK GASKET** - Maximizes expansion /contraction creating insulating dead air chambers. Total vertical movement = ± 3/4"
- ▼ **WARMER INTERIOR SURFACES** - Greater occupant comfort and increased resistance to condensation
- ▼ **INTEGRATED STRUCTURAL SUPPORT** - Carry deadload of the insulating glass

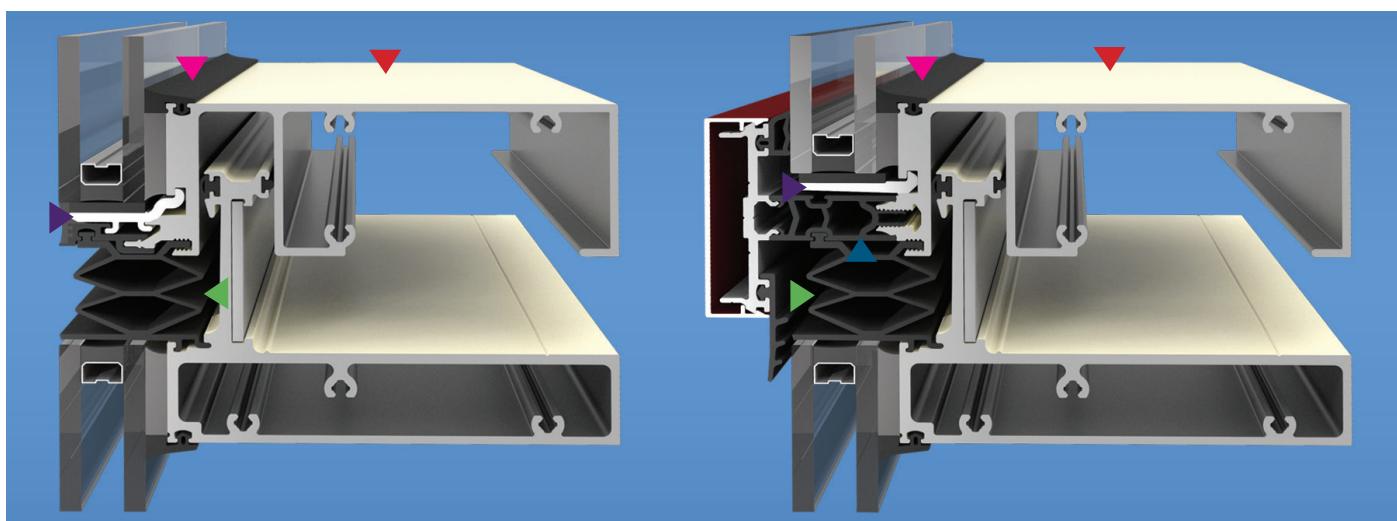
Total System U-factors: When tested in accordance with NFRC 100 based on 1" clear insulating glass, having a center of glass U-factor of 0.29 BTU/hr/SF/°F.

- 0.38 BTU/(h °F ft²), using 1" IGU with U_{cog} = 0.29
- 0.35 BTU/(h °F ft²), using 1" IGU with U_{cog} = 0.25
- 0.31 BTU/(h °F ft²), using 2" IGU with U_{cog} = 0.21

Note to Specifier: The U-factor and CRF for the glazed system as a whole will be affected by the characteristics of the glass that is used in accordance with AAMA 1503

- a. Thermal Transmittance U-factor:
4-Side Captured: 0.41 BTU/HR/FT²/°F or less.
4-Side SSG: 0.42 BTU/HR/FT²/°F or less.
- b. Condensation Resistance Factor (CRF): Minimum of 75.
Captured: 74 frame, 68 glass
SSG: 72 frame, 68 glass

- ▼ **CAPTURED MEMBERS** - Polyamide thermal barrier provides 1-1/4" separation for high thermal performance
- ▼ **AVOID MASKING TAPE / CLEAN UP** - Gasket / spacer allows silicone application from exterior



Additional information including CAD details, CSI specifications, Test Reports, Fenestration Product Rating Certificates and Installation instructions are available online at: www.ykkap.com/commercial/product/curtain-walls/yuw-750-xt/