

# YCW 750 XTP

Advanced Thermal Curtain Wall System with Polyamide Pressure Plates

enerGfacade®



## Energy Saving Curtain Wall with Multiple Glazing Options

The YCW 750 XTP not only provides the best-in-class performance with YKK AP's MegaTherm® structural polyamide struts, but adds an additional thermal barrier which increases this curtain wall's thermal performance. With the addition of a low conductivity pressure plate made from an industry proven material, Polyamide 6/6, this system exceeds not only current codes, but also exceeds the most stringent green building codes and standards in the market today. The addition of a PVC perimeter filler better maintains the thermal performance over traditional aluminum fillers.

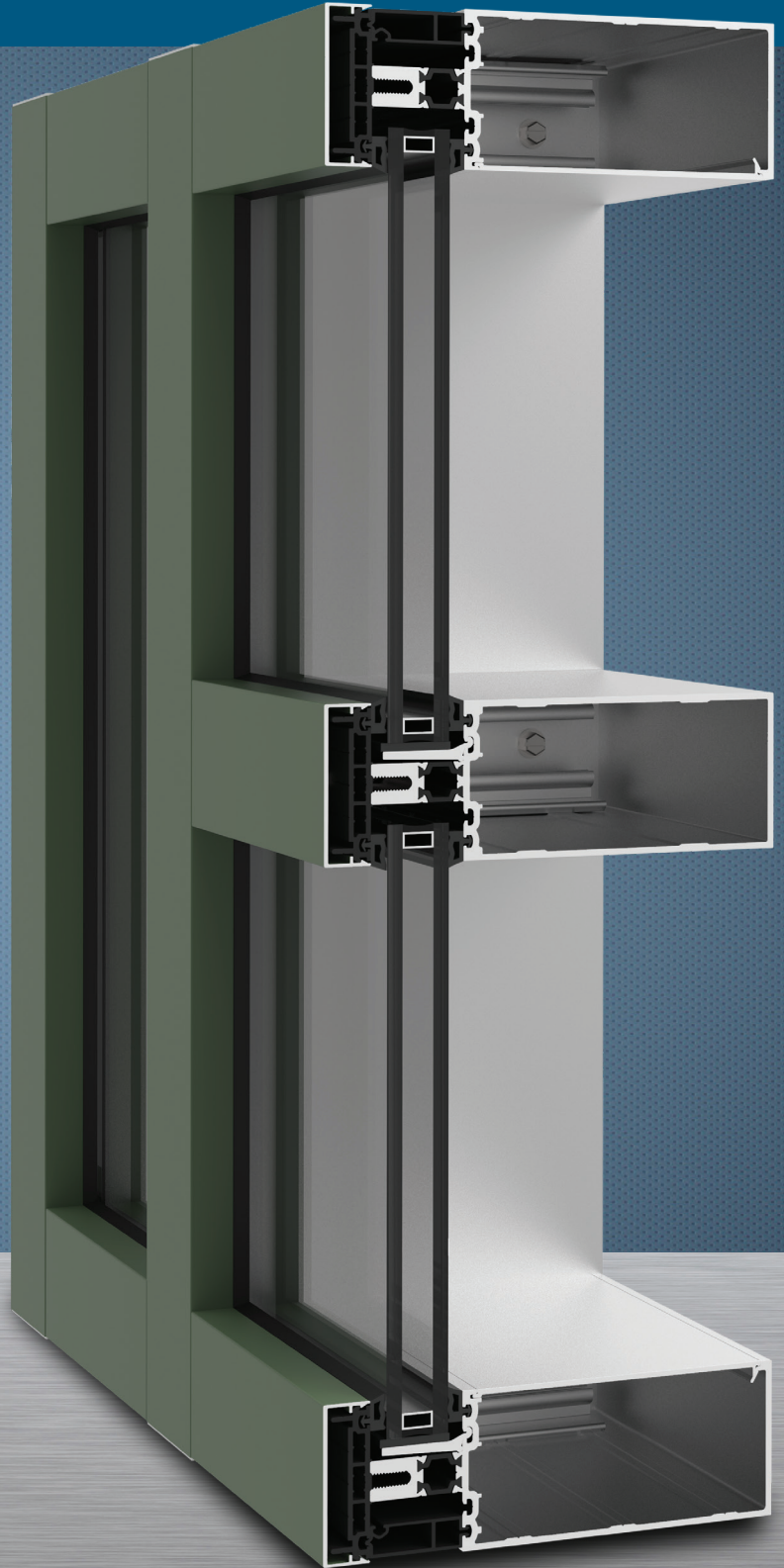
## Product Options & Features

- Outstanding Thermal Performance - Three MegaTherm strut widths allow glazing infills of 1" and up to 2-1/4"
- Optional integral sill flashing available
- Integrates with the YCW 750 XT and our ThermaShade® and Luminance® sun control
- Dual Thermal Barriers minimizes any Heat Transfer to the interior



**YKK  
ap**

Quality  
inspires®



# YCW 750 XTP

## SYSTEM SPECIFICATIONS

System Sightline	Base Depth	Glazing & Config	Glass	Air Infiltration	Water Infiltration	Thermal Performance	Acoustical Performance
2-1/2"	7-1/2"	Outside & Front Set	1" IGU with Low-E (C.O.G. U-factor: 0.29)	0.06 CFM/FT <sup>2</sup> (1.10 m <sup>3</sup> /h·m <sup>2</sup> ) @ 6.24 PSF (299 Pa)	Static: 15 PSF (718 Pa) Dynamic: 15 PSF (718 Pa)	U-factor: 0.36 BTU/HR·FT <sup>2</sup> ·°F* CRF: Minimum of 81 on frame**	Std STC: 32 Std OITC: 27
Testing Standards				ASTM E 283	ASTM E 331 & AAMA 501	* NFRC 100 & ** AAMA 1503	ASTM E 90 & 1425

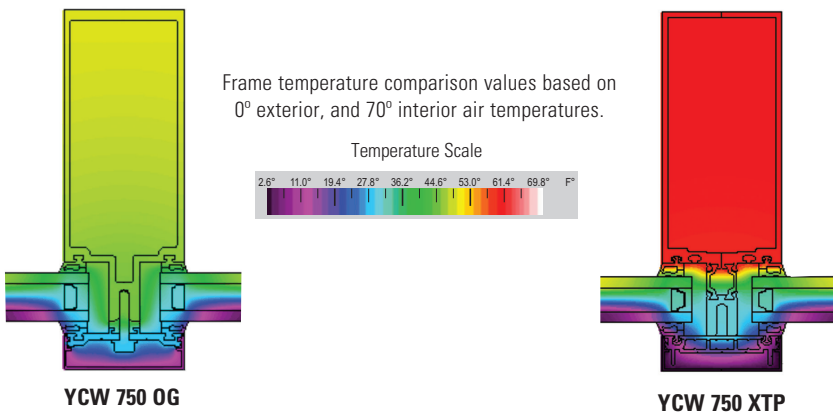
### Optional Depths

1" Glass - 6" to 9"    1-1/2" Glass - 6-1/2" to 9-1/2"    1-3/4" Glass - 6-3/4" to 9-3/4"    2" Glass - 7" to 10"

### Available Finishes

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

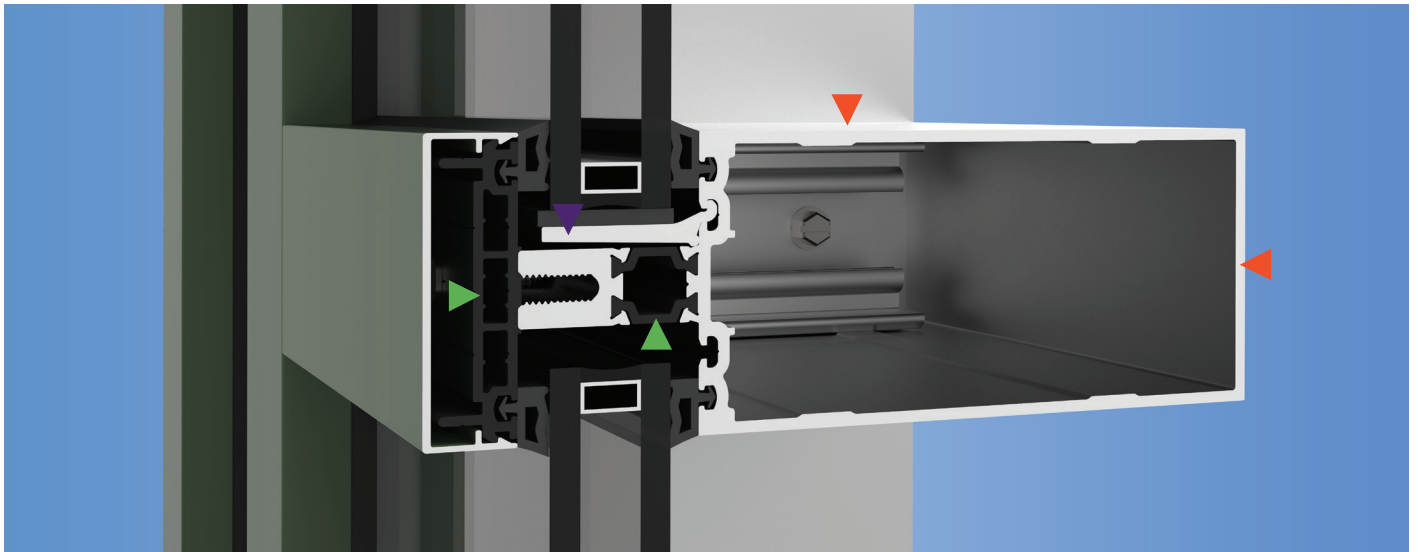
## THERMAL IMAGING



North Dakota State University - Wallman Wellness Center

## ZOOM MULLION VIEW

- ▼ **DUAL THERMAL BARRIER AND PLATE** - Polyamide struts (6/6 with glass fibers on all three axes) and thermal isolator
- ▼ **WARMER INTERIOR SURFACES** - Greater occupant comfort and increased resistance to condensation, with CRF<sub>i</sub> values up to 82
- ▼ **INTEGRATED STRUCTURAL SUPPORT** - Carry dead load of the insulating glass, diverting load away from polyamide struts



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/ycw-750-xtp/](http://www.ykkap.com/commercial/product/curtain-walls/ycw-750-xtp/)