

# YCW 750 XT SSG

Advanced Thermal, Structural Silicone Glazed Curtain Wall System



## Energy Saving Curtain Wall with Multiple Glazing Options

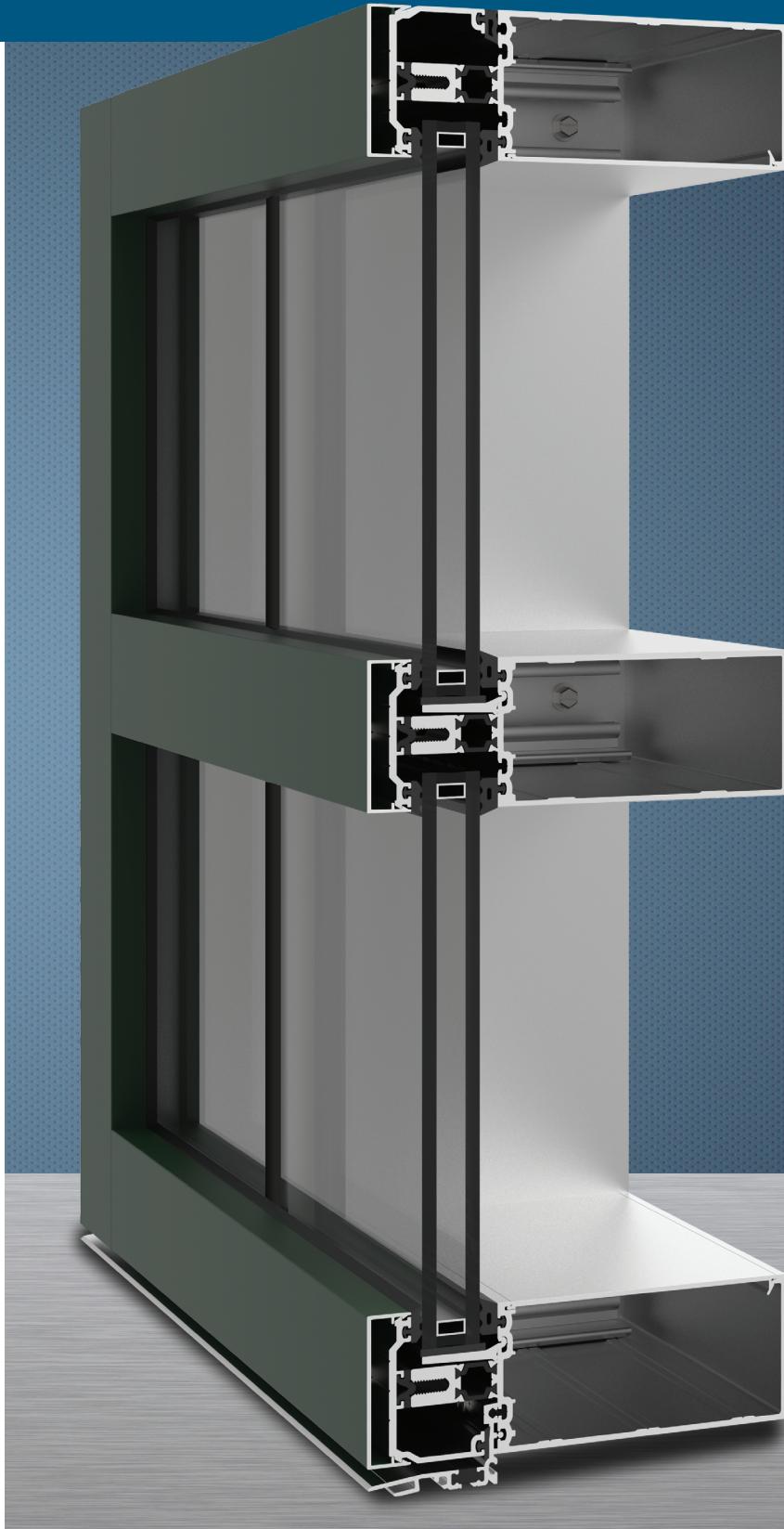
The YCW 750 XT SSG yields the same best-in-class thermal performance as the YCW 750 XT system and exceeds not only current codes, but also exceeds the most stringent green building codes and standards in the market today. This vertical SSG system has captured 2-1/2" sightlined horizontals utilizing MegaTherm® technology with structural polyamide struts that accommodate standard 1" glazing units.

To ensure long-term structural integrity, the dead load of the insulating glass rests on integrated structural supports, diverting this load away from the thermal barriers.

## Product Options & Features

- Integrates with our ThermaShade® and Luminance® sun control products
- Ability to integrate with building's air-vapor barrier system
- Optional integral thermally broken sill flashing available (shown)
- Designed to accomodate glazings up to 1" standard\*

\*Contact YKK AP engineering for thicker glazing options



## SYSTEM SPECIFICATIONS

# YCW 750 XT SSG

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> )	Static: 15 PSF (718 Pa) Dynamic: 15 PSF (718 Pa)	U-factor: 0.37 BTU/HR·FT <sup>2</sup> ·°F* CRF: Minimum of 78 on frame**	Std STC: 32 Std OITC: 27
							Lam STC: 35 Lam OITC: 30
<b>Testing Standards</b>			ASTM E 283	ASTM E 331 & AAMA 501	* NFRC 100 & ** AAMA 1503	ASTM E 90 & 1425	

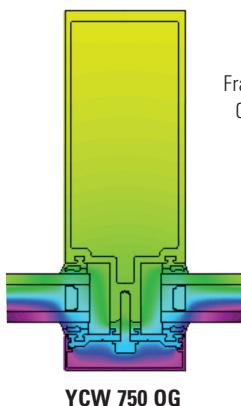
### Optional Depths

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"

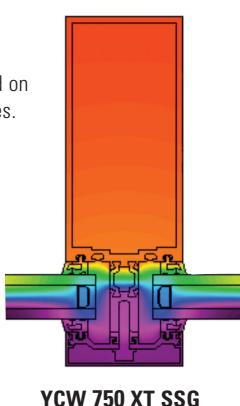
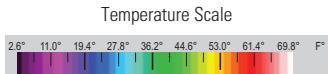
### Available Finishes

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

## THERMAL IMAGING



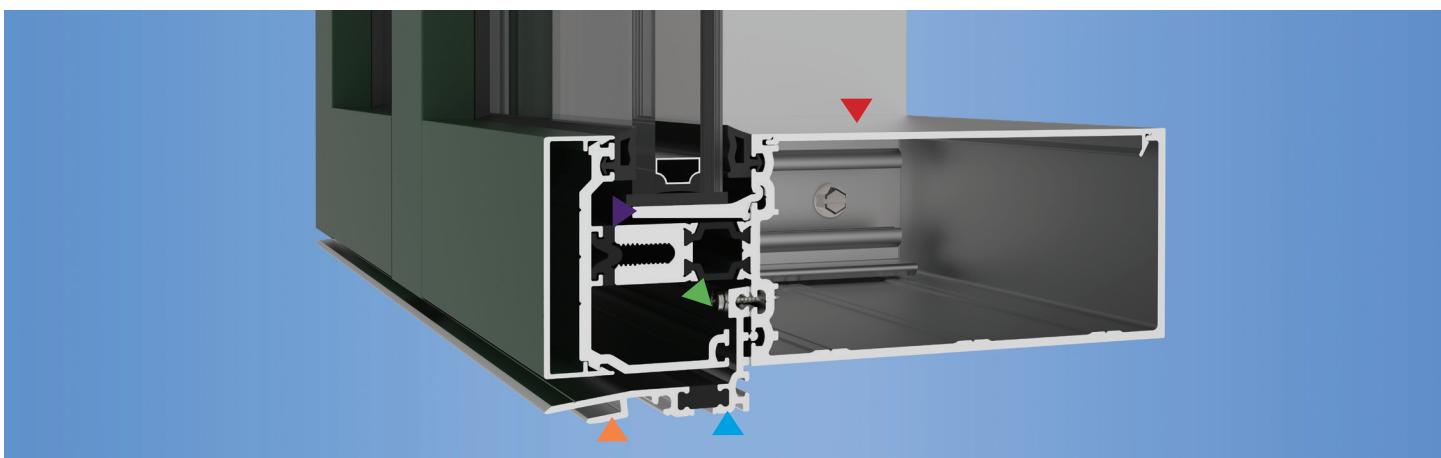
Frame temperature comparison values based on 0° exterior, and 70° interior air temperatures.



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## ZOOM MULLION VIEW

- ▼ **DUAL THERMAL BARRIER** - 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>f</sub> values up to 82
- ▼ **INTEGRATED STRUCTURAL SUPPORT** - Carry dead load of the insulating glass, diverting load away from polyamide struts
- ▼ **OPTIONAL INTEGRAL SILL FLASHING** - Diverts internally drained water away from adjacent building components at sill
- ▼ **OPTIONAL BREAK METAL INTERFACE** - Allows flashing to extend further from the building at the sill



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

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