

YES SSG TU Vent

Zero Sightline, Thermally Broken Vent for Storefront and Wall Systems



OPERABLE WINDOWS

Bring the Outside In

The YES Structural Silicone Glazed (SSG) TU Vent seamlessly blends with the surrounding framing system to become virtually invisible when viewed from a distance. Add ventilation for your storefront or curtain wall project using a product that meets the 2012 International Energy Conservation Code (IECC) through Zone 6 with standard Low E (U = 0.29 cgg). In addition to exceptional thermal performance and condensation resistance in a vent product, this system also provides AW PG 65 for advanced structural performance.

Product Options & Features

- Glass is bonded to vent's frame without need for additional retainers, providing a clean look
- Designed for use with Storefront, Window Wall and Curtain Wall applications
- Thermally broken using ThermoBond Plus®
- Configurations: Casement Out or Project Out
- More Thermal Performance with 1" Insulating Glass
- Factory glazing and screens available
- YKK AP Heavy Duty, Stainless Steel hinges and Standard White Bronze cast locking hardware
- Vent and Frame Multi-Point Locks available



Quality
inspires®



YES SSG TU Vent

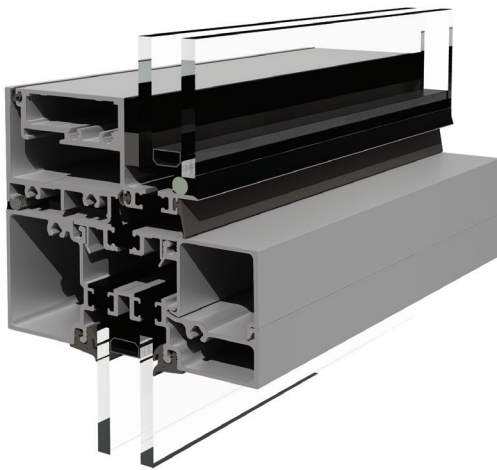
SYSTEM SPECIFICATIONS

System Sightline	Base Depth	Glazing	Air Infiltration	Water Infiltration	Thermal Performance	Acoustical Performance
0"	2-3/4"	1" IGU with Low-E (C.O.G. U-factor: 0.29)	0.10 CFM/FT ² (1.85 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	Static: 15 PSF (720 Pa) Dynamic: 15 PSF (720 Pa)	Casement: 0.41 BTU/HR/FT ² /°F* CRF: Minimum of 65 on frame**	Std STC: 32 Std OITC: 25 Lam STC: 35 Lam OITC: 28
Testing Standards			ASTM E 283	ASTM E 331 & AAMA 501	* NFRC 102 & ** AAMA 1503	ASTM E 90 & ASTM E 1425
Structural Performance			AAMA/WDMA/CSA 101/I.S.2/A440-11 AW Performance Grade 65			
Available Finishes			Factory Anodized (AAMA 612) and Organic Paints (AAMA 2604 & AAMA 2605)			

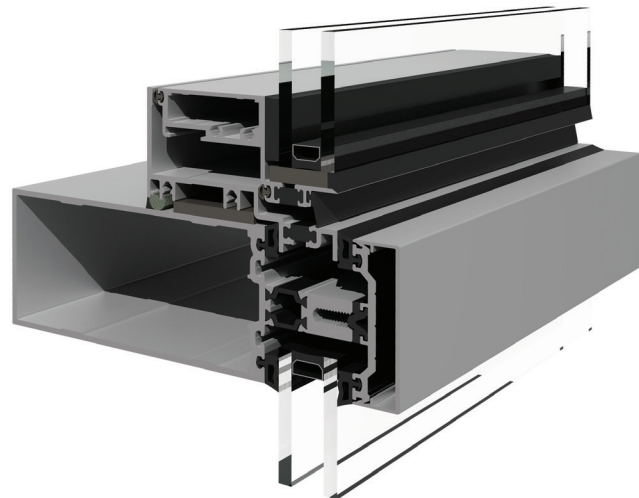
DESIGN FLEXIBILITY

NOTE: Performance above is for flat frame, contact YKK AP for pocket frame in curtain wall.

The YES SSG TU Vent is designed as a standard product offering with sizes up to 37" x 61" (or 61" x 37"). This thermally broken vent is compatible with YKK AP's most popular framing systems (examples below). Additional testing was conducted to support custom and oversize applications up to 70" x 66" with additional hardware and a pocket frame for curtain wall applications.

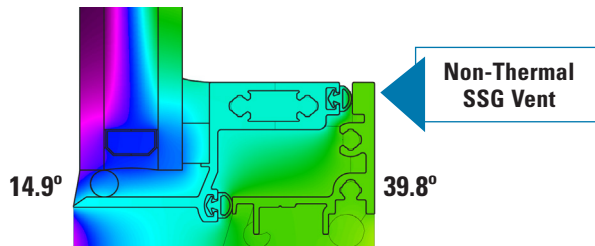


Flat Frame with YES 45 XT Storefront

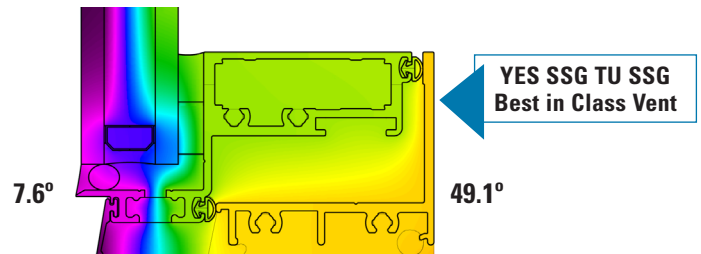


Pocket Frame with YCW 750 XT Curtain Wall

THERMAL IMAGING

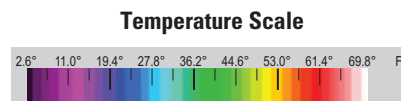


Non-thermal YES SSG Vent



Thermal YES SSG TU Vent

Frame temperature comparison values based on 0° exterior and 69.8° interior air temperatures.



Additional information including CAD details, CSI specifications, Test Reports and Installation instructions are available online at:
www.ykkap.com/commercial/product/architectural-windows/yes-ssg-tu-vent/