



One Watergate Condos - Sarasota, FL

YES SSG TUH

Thermally Broken and Impact Resistant
Operable Vent for Wall Systems

The **YES SSG TUH** vent is a truly versatile vent system. Whether your goal is to maintain the true architectural integrity of a historic building or to take advantage of the value derived from façade construction - our impact resistant zero-sightline operable vents are the ideal solution for your project's ventilation needs. It also has built-in high thermal performance and condensation resistance similar to the TU system.

- **Flexible Design** - Blend seamlessly with the surrounding framing system to become virtually invisible when viewed from a distance. Insulating glass units can be ordered with internal muntins.
- **Florida Product Approval – HVHZ**
 - Operable ± 65 PSF with Cam Locks & ± 80 PSF with Multi-Point Locks (VMPL)
 - Small Missile .060 PVB / Large Missile .090 PVB
- **Outstanding Thermal Performance:** Meets the 2015 International Energy Conservation Code (IECC) through Zone 6 with 1-1/16" Low-E insulating glass.

Thermal Values:

U-Factor:	Values as low as 0.34*
CRF:	Minimum 69 _{frame} and 69 _{glass}

*Based on AAMA 507. Lower values may be achieved through further simulation.

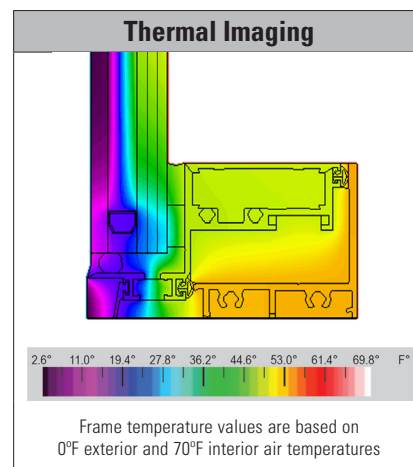


YES SSG TUH SPECS		
Base Depth	3-1/2"	
Sightline	0"	
Config	Casement Out, Project Out & Fixed	
Tested Glass	1-1/16" Laminating IGU with Low-E (C.O.G. U-Factor: 0.29)	
Test	Results	Standards
Air Infiltration	0.10 CFM/FT ² (1.10 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	ASTM E 283
Water Infiltration	Static: 15 PSF (718 Pa)	ASTM E 331
Acoustical (1-1/16" IGU)	Laminated STC: 35 Laminated OITC: 28	ASTM E 90 ASTM E 1425

Thermal Performance*									
Window Config	U-Factor - BTU/hr·ft ² ·°F						CRF		
Awning (Outswing)	0.42	0.40	0.39	0.37	0.35	0.34	69	69	
Casement (Outswing)	0.41	0.40	0.38	0.37	0.35	0.34	70	70	
Center of Glass	0.30	0.28	0.26	0.24	0.22	0.20	Frame	Glass	
AAMA 507							AAMA 1503		

Finish Options	
Type	Standard
Factory Anodized	AAMA 612
Organic Paints	AAMA 2604 AAMA 2605

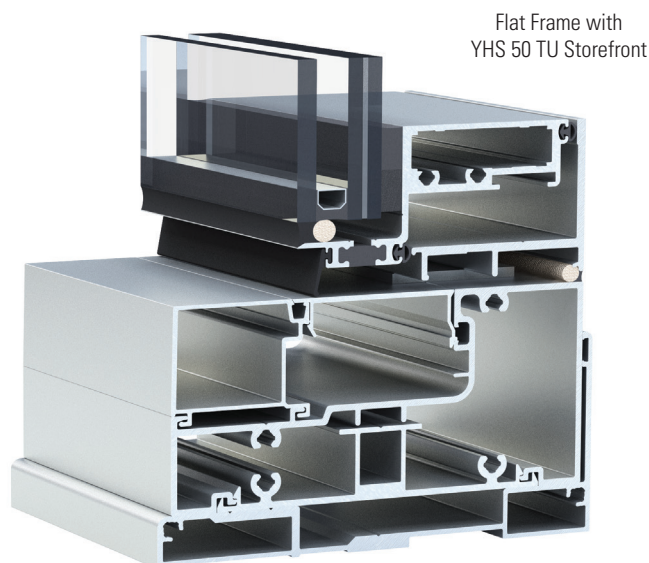
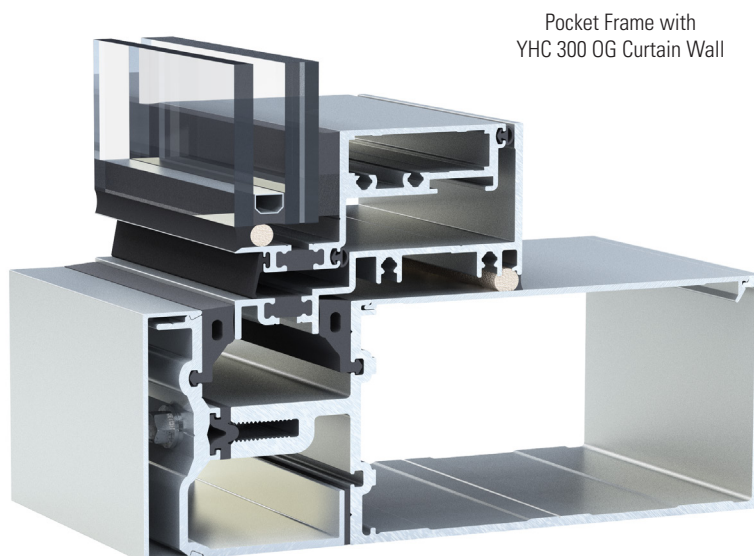
Product Approvals	
Missile Level A, D, E	Wind Zone 3
Hurricane HVHZ	International ICC
Florida FBC	Texas TDI



*Thermal Performance taken from YES SSG TU Vent Flat Frame, which should have similar results.

Design Flexibility

The YES SSG TUH 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" (Project Out) with additional hardware and a pocket frame for curtain wall applications.



Hardware

Cam Handle
Lock System
(STANDARD)



Roto Handle
for Project-Out
(OPTIONAL)



Frame Multi-Point
Locking System
(OPTIONAL)



Also Available: Wicket Screens (10" Door or Full Door) and a Limit Device (Approved for NYC)

*STANDARD for AW 100

Additional information including CAD details, CSI specs, test reports and installation instructions are found on the Product Guide by clicking this link or visiting www.ykkap.com/commercial/productguide