

# YVS 400 TU

Thermally Broken Hung Window with Insulating Glass



## OPERABLE WINDOWS

### Safety and Performance

The YVS 400 TU Hung Window is designed to tilt in for easy cleaning of the exterior glass surfaces from the inside of the building without removing the sash. To reduce the possibility of injury while cleaning the glass surfaces, optional SafSupport tilt arms are available on each side of the sash. YKK AP's ThermaBond Plus® poured and de-bridged system provides superior thermal performance. Optional SecurSweep sweep locks incorporate a special security latch to prevent tampering from the outside.

### Product Options & Features

- AAMA/WDMA 101/I.S. 2-97
  - ◆ AW-50
- ThermaBond Plus® thermal break
- Accepts 1" glazing
- Factory glazing & screens
- Full selection of block & tackle, spiral, and Class 5 Ultra-Lift® balances
- Automatic Sill Locks
- Optional SecureSweep sweep locks
- Full assortment of receptors, sill flashing, stacking mullions, panning, trim, & muntins

Ultra-Lift® is a registered trademark of Caldwell Manufacturing Co. LLC.



**YKK**  
**ap**

Quality  
inspires®

# YVS 400 TU

## SYSTEM SPECIFICATIONS

Base Depth	Glazing & Config	Glass	Air Infiltration	Water Infiltration	Thermal Performance	Acoustical Performance
4"	Insulating & Single Hung or Double Hung	1" IGU with Low-E (C.O.G. U-factor: 0.29)	0.10 CFM/FT <sup>2</sup> (5.5m <sup>3</sup> /h·m <sup>2</sup> ) @ 6.24 PSF (299 Pa)	<b>Static Operable:</b> 12 PSF (575 Pa) <b>Static Fixed:</b> 15 PSF (718 Pa)	<b>Single Hung U-factor:</b> 0.50 BTU/HR·FT <sup>2</sup> ·°F* <b>Double Hung:</b> 0.53 BTU/HR·FT <sup>2</sup> ·°F* <b>Single Hung CRF:</b> Minimum of 51 on frame** <b>Double Hung:</b> Minimum of 53 on frame**	Std STC: 30 Std OITC: 23
						Lam STC: 31 Lam OITC: 24
<b>Testing Standards</b>		ASTM E 283	ASTM E 331 & AAMA 501	* NFRC 102 & ** AAMA 1503		ASTM E 90 & 1332

### Product Testing

AAMA/WDMA/I.S.2-97 AW Performance Grade 50

### Available Finishes

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

## HARDWARE OPTIONS



Auto Sill Lock



Sweep Locks (OPTIONAL)



Class 5 Balance

## THERMALLY BROKEN

ThermaBond Plus® process is a pour and debridged process that greatly improves the adhesion of the polyurethane material to the aluminum extrusion. Combining science and technology, ThermaBond Plus® process resolves the problem of adhesion and the resulting dry shrinkage associated with typical poured and debridged systems.



Spring Mills High School - Martinsburg, WV

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

[www.ykkap.com/commercial/product/architectural-windows/yvs-400-tu/](http://www.ykkap.com/commercial/product/architectural-windows/yvs-400-tu/)