

YOW 350 XT

High Performance, Thermally Broken Operable Window

enerGfacade®



Outstanding Thermal Performance

The YOW 350 XT maximizes energy performance while using a standard 1", low E insulating glass. This factory glazed window system has an overall depth of 3-1/2" and is thermally broken by a combination of innovative MegaTherm® Thermal breaks and gaskets designed with multiple air chambers for exceptional thermal insulation. This innovative design improves occupant comfort and condensation resistance by warming interior framing temperatures significantly over traditional window systems used in cold climates.

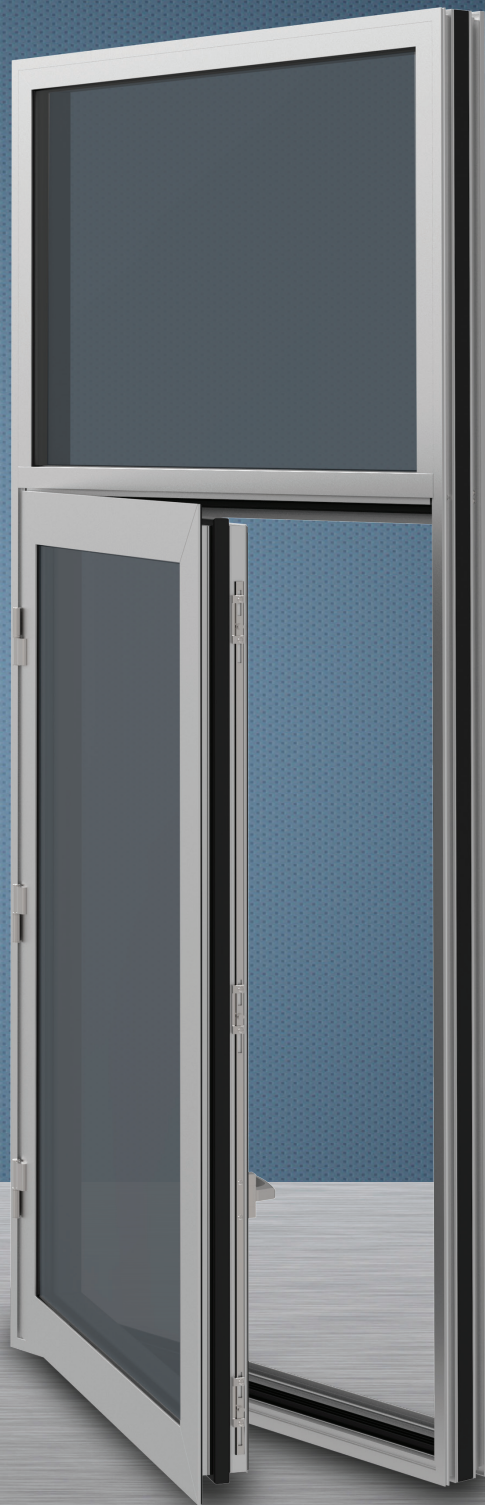
Product Options & Features

- Up to 30% greater energy efficiency than traditional thermally broken windows and accepts a variety of glazing options, spacers and gas fills for even more efficiency
- Fixed, Casement Out and Project Out options
- AW-PG80 and PG100 approved designs
- YKK AP Euro Style Multi-Point Lock Handle
- Head / Jamb receptors and Sill Flashing
- Panning, Trim and Accessories



**YKK
ap**

Quality
inspires®



YOW 350 XT

SYSTEM SPECIFICATIONS

Base Depth	Config	Glazing Type	Glass	Air Infiltration	Water Infiltration	Thermal Performance	Acoustical Performance
3-1/2"	Fixed, Casement Out and Project Out	Insulating	1" IGU with Low-E (C.O.G. U-factor: 0.29)	0.10 CFM/FT ² @ 6.24 PSF (299 Pa)	Static: 15 PSF (718 Pa) Dynamic: 15 PSF (718 Pa)	Varies between Fixed, Casement Out and Project Out Configurations U-factor: 0.27-0.49 BTU/HR•FT ² •°F* CRF: Minimum of 75-77 on frame**	Std STC: 32 Std OITC: 26 Lam STC: 37 Lam OITC: 30
Testing Standards				ASTM E 283	ASTM E 331 & AAMA 501	* NFRC 100 & ** AAMA 1503	ASTM E 90 & 1425

AAMA/WDMA/CSAA 101/I.S. 2/A 440

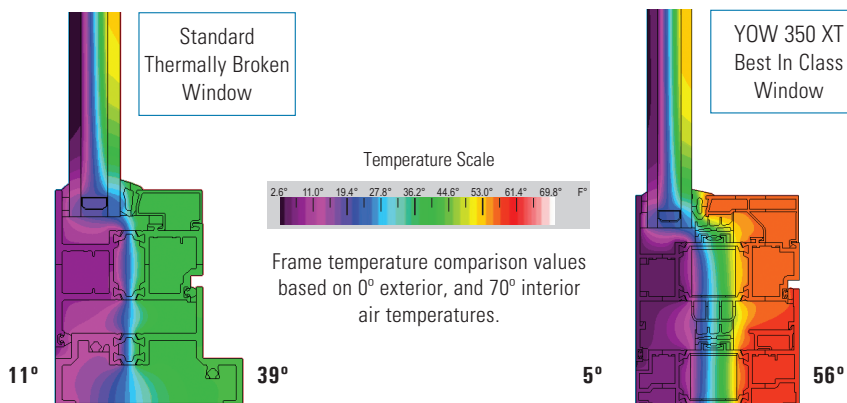
AW-PG100 for Fixed

AW-PG80 for Operable, Fixed/Fixed, and Fixed/Operable

Available Finishes

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

THERMAL IMAGING



1-3/4" Triple Glazing used to achieve a **0.24 U-factor**

Waterbury State Office Complex - Waterbury, VT

ZOOM MULLION VIEW

Thermal Struts

Constructed of Polyamide 6/6 with 25% glass fibers on all three axes, YKK AP's MegaTherm® technology delivers high-end thermal and structural durability performance. Its composition delivers a highly effective thermal barrier more than 500 times less conductive than aluminum. Crimped between two aluminum extrusions after the finishing, Megatherm® allows for different interior colors than exterior

Foamed Polymer Inserts

Improve U-factor, Condensation Resistance Factor, and sound deadening

Cavity Gasket

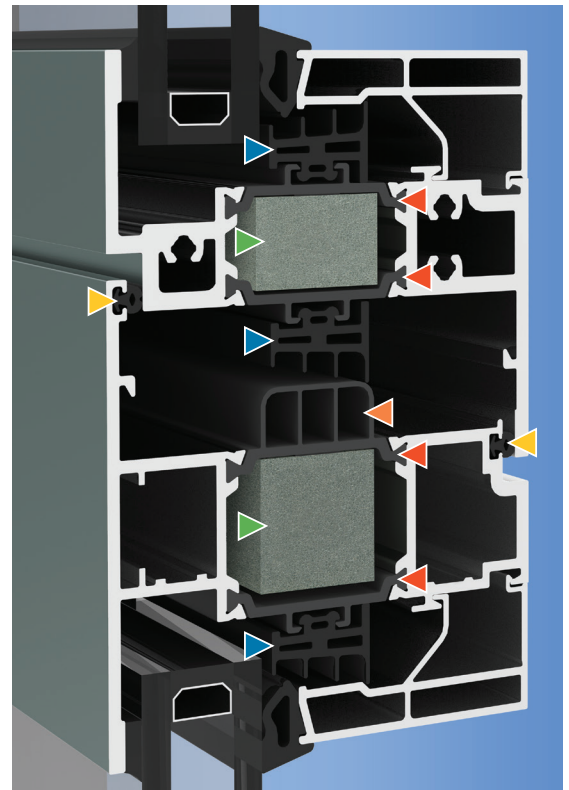
Reduces air infiltration and improves U-factor and condensation resistance.

Triple Hollow Strut

Incorporates air baffles to break the convection of energy between the operable and fixed sash, yielding a warmer interior metal surface temperature. Improves "Thermal Comfort" and condensation resistance

Air Tight Gasket

Insulates the air cavities between framing and in the glazing pockets to minimize heat flow when in the closed position and improves U-factor, "Thermal Comfort" and condensation resistance.



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/architectural-windows/yow-350-xt/