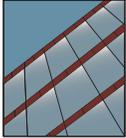


YWW 45 T

Thermally Broken Window Wall System



WINDOW WALL SYSTEM

Product Description

The YWW 45 T system is designed specifically to meet the performance requirements of window walls for multi-story buildings. Glass is set to the front of the system to maximize thermal performance and may be glazed from either the interior of the building for labor savings or from the exterior at column line applications. The YWW 45 T system is thermally broken by YKK AP's patented MegaTherm® technology. The assembly sits down on a thermally broken sill flashing member.

Product Options & Features

- Screw Spline Construction
- Optional Structural Silicone Glazed Intermediate Vertical
- Separate Interior/Exterior Finish Options
- Integral Door Frame
- 1" Glazing or 1/4" Glazing with Adapters

U-Factor Values as low as 0.33*

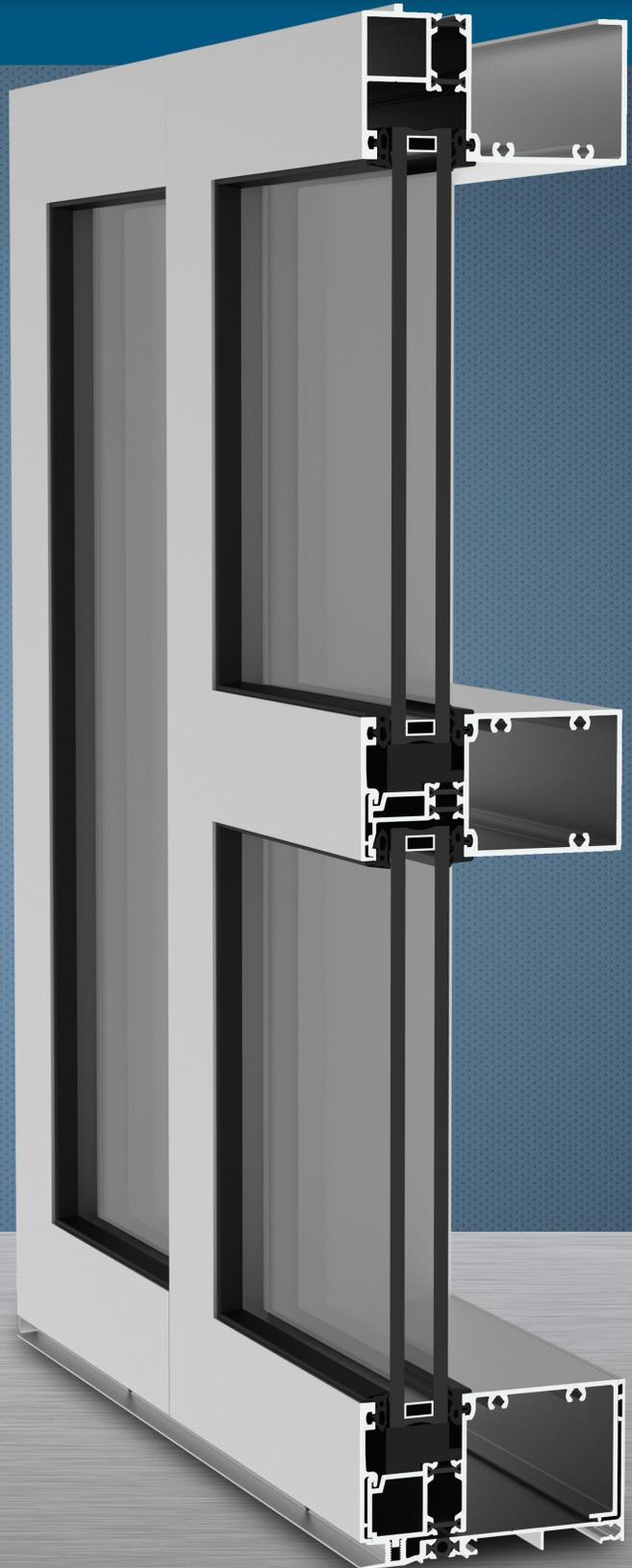
CRF Minimum 69_{frame} & 64_{glass}

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



**YKK
ap**

Quality
inspires®



YWW 45 T

SYSTEM SPECIFICATIONS

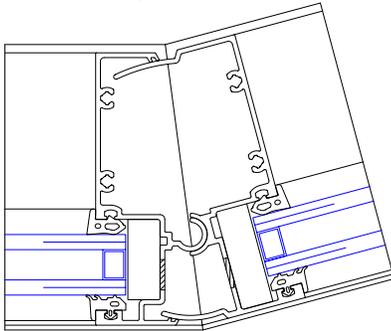
System Sightline	Base Depth	Glazing & Config	Glass	Air Infiltration	Water Infiltration	Acoustical Performance
2-1/4"	4-1/2"	Outside, Inside or SSG & Front Set	1" IGU with Low-E (C.O.G. U-factor: 0.29)	0.06 CFM/FT ² (1.10 m ³ /h-m ²) @ 6.24 PSF (299 Pa)	Static: 12 PSF (575 Pa) Dynamic: 12 PSF (575 Pa)	Std STC: 33 Std OITC: 27
Testing Standards				ASTM E 283	ASTM E 331 & AAMA 501	ASTM E 90 & 1425
Installation Options				Continuous Head & Sill, Vertical Through or Screw Spline with Monolithic or Insulating Glass		
Available Finishes				Factory Anodized (AAMA 612) and Organic Paints (AAMA 2604 & AAMA 2605)		

Thermal Performance						
1" IGU	BTU/hr-ft ² -°F					
C.O.G U-Factor	0.30	0.28	0.26	0.24	0.22	0.20
2-1/4" x 4-1/2"	0.41	0.39	0.38	0.36	0.35	0.33
Testing Standards	AAMA 507					

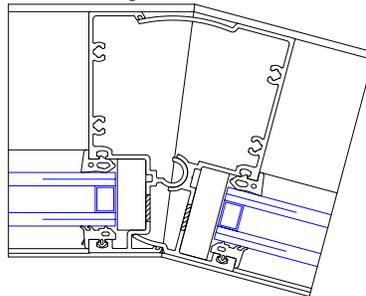
CRF	
Frame	Glass
69	64
AAMA 1503	

CORNER OPTIONS

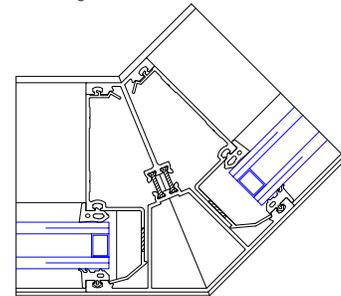
160 to 170 Degree Outside



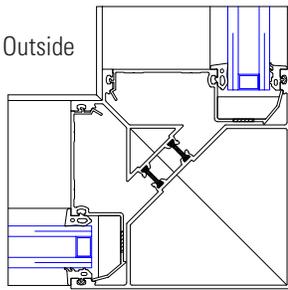
165 to 183 Degree Inside



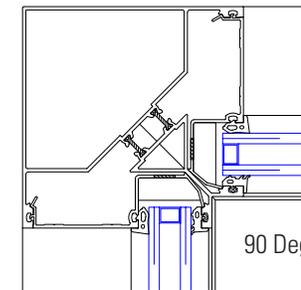
135 Degree Outside



90 Degree Outside



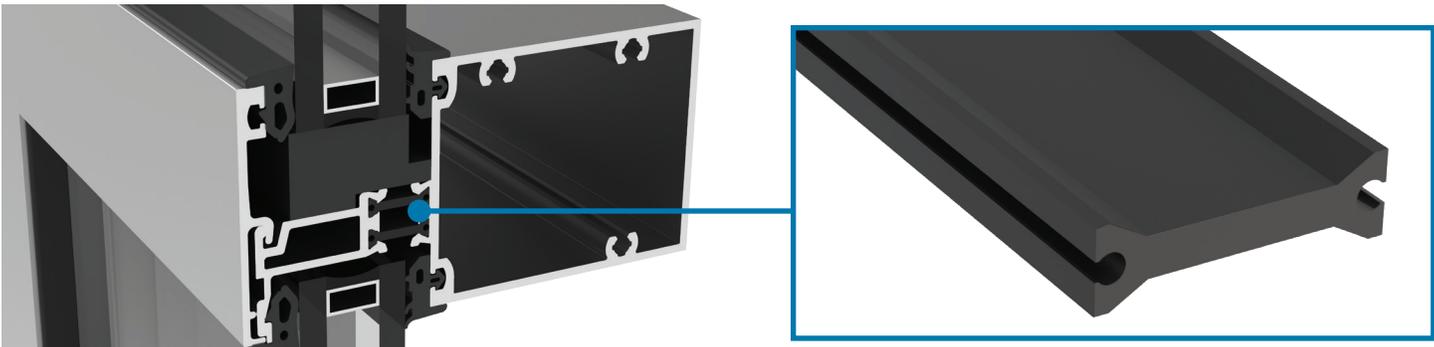
90 Degree Inside



1" Glazing shown. 1/4" options also available.

ISO STRUTS

This system utilizes a dual barrier 6/6 polyamide iso strut set that secures the inner and outer mullion pieces together. This strut provides a thermal barrier that conserves energy and limits heat transference. It will not degrade, crack or break due to the glass-fiber reinforcement.



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

www.ykkap.com/commercial/product/window-walls/yww-45-t/