

# YSD 600 T

Thermally Broken Architectural Sliding Door



## BALCONY DOORS

### Architectural Grade Performance

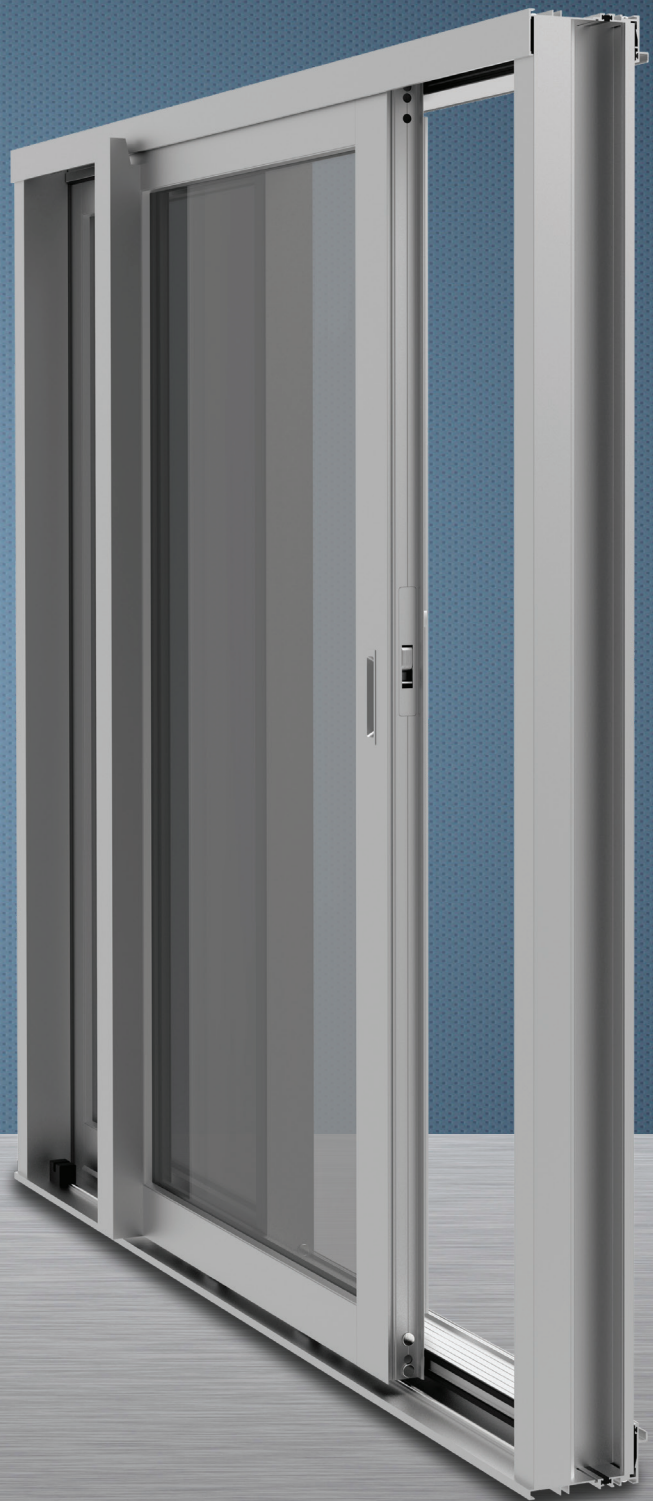
The YKK AP YSD 600 T is a thermally broken architectural (AW) rated sliding glass door designed to provide greater energy efficiency and occupant comfort. The engineering behind the design concept provides enhanced structural capabilities without the need to add reinforcing. This sliding door is designed to accept standard tempered 1" thick insulating units. All panels, fixed and operable, may be pre-glazed in the shop to take advantage of a controlled environment and less expensive shop labor.

### Product Options & Features

- Available configurations: OX, XO, OXO, & OXXO
- AAMA/WDMA 101/I.S. 2-97/NAFS-02
  - ◆ AW-75 Grade
- Thermally broken by ThermaBond Plus® (frame), and MegaTherm® (panels) technology
- Factory glazing & screens
- Standard heavy-duty hardware, including stainless steel tandem rollers & track cover for years of worry-free operation
- Available with optional low-profile sill (Available in OX and XO configurations only)



Quality  
inspires®



# YSD 600 T

## SYSTEM SPECIFICATIONS

System Depth	Glass	Air Infiltration	Water Infiltration	Thermal Performance	Acoustical Performance	Forced Entry Resistance
6"	1-3/16" Laminated IGU with (C.O.G. U-factor: 0.29)	<b>Sliding Doors:</b> 0.30 CFM/FT <sup>2</sup> @ 6.24 PSF (299 Pa)	<b>Static:</b> 20 psf (958 Pa) <b>Low-Profile:</b> 12 psf (574 Pa)	<b>U-factor:</b> 0.51 BTU/HR•FT <sup>2</sup> •°F* <b>CRF:</b> Minimum of 43 on frame**	<b>Lam STC:</b> 33 <b>Lam OITC:</b> 30	Tested in accordance and meets the requirements of Performance Grade 10
<b>Testing Standards</b>		ASTM E 283	ASTM E 331 & 547	*NFRC 100 & **AAMA 1503	ASTM E 90 & 1425	ASTM F 842 & TAS 202

### Structural Performance

AW Performance Grade 75

### Available Finishes

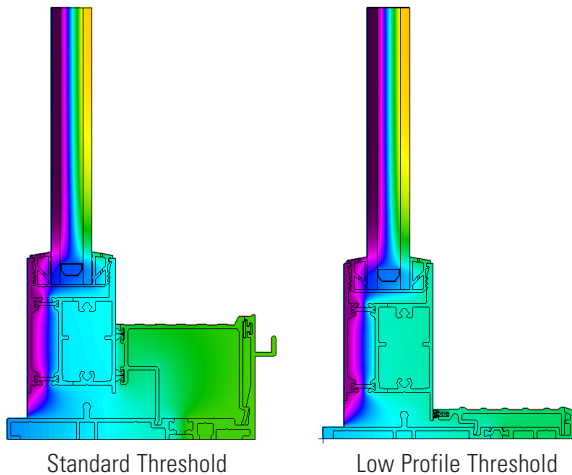
Factory Anodized (AAMA 612) and Organic Paints (AAMA 2604 & AAMA 2605)

Balcony Door configuration will effect specifications.

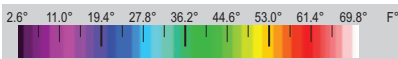
## LOW PROFILE OPTION

## THERMAL IMAGING

Frame temperature comparison values based on 0° exterior, and 70° interior air temperatures.



Temperature Scale

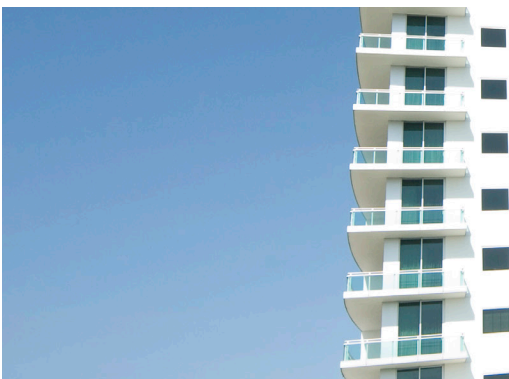


Standard Threshold



Low Profile Threshold\*

\*The Low Profile Threshold option is intended to integrate into designs that require FHA-compliant access to balconies and terraces. Compliance can depend on hardware, approach area, reach, forces and motion; and therefore, must be verified by the architectural and engineering team for each application. With properly designed building conditions and correct installation, YKK AP Low profile threshold components will meet accessibility criteria per the **FAIR HOUSING ACT REGULATIONS 24 CFR 100.205** Chapter 4. "Thresholds and Accessibility Routes at Exterior Doors."



One Bal Harbour - Bal Harbour, FL

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

[www.ykkap.com/commercial/product/sliding-doors/ysd-600-t/](http://www.ykkap.com/commercial/product/sliding-doors/ysd-600-t/)