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Embry-Riddle Aeronautical University Residences - Prescott, AZ

YSW 400 T

Thermally Broken, Horizontal Sliding Window for Mono or Insulating Glass

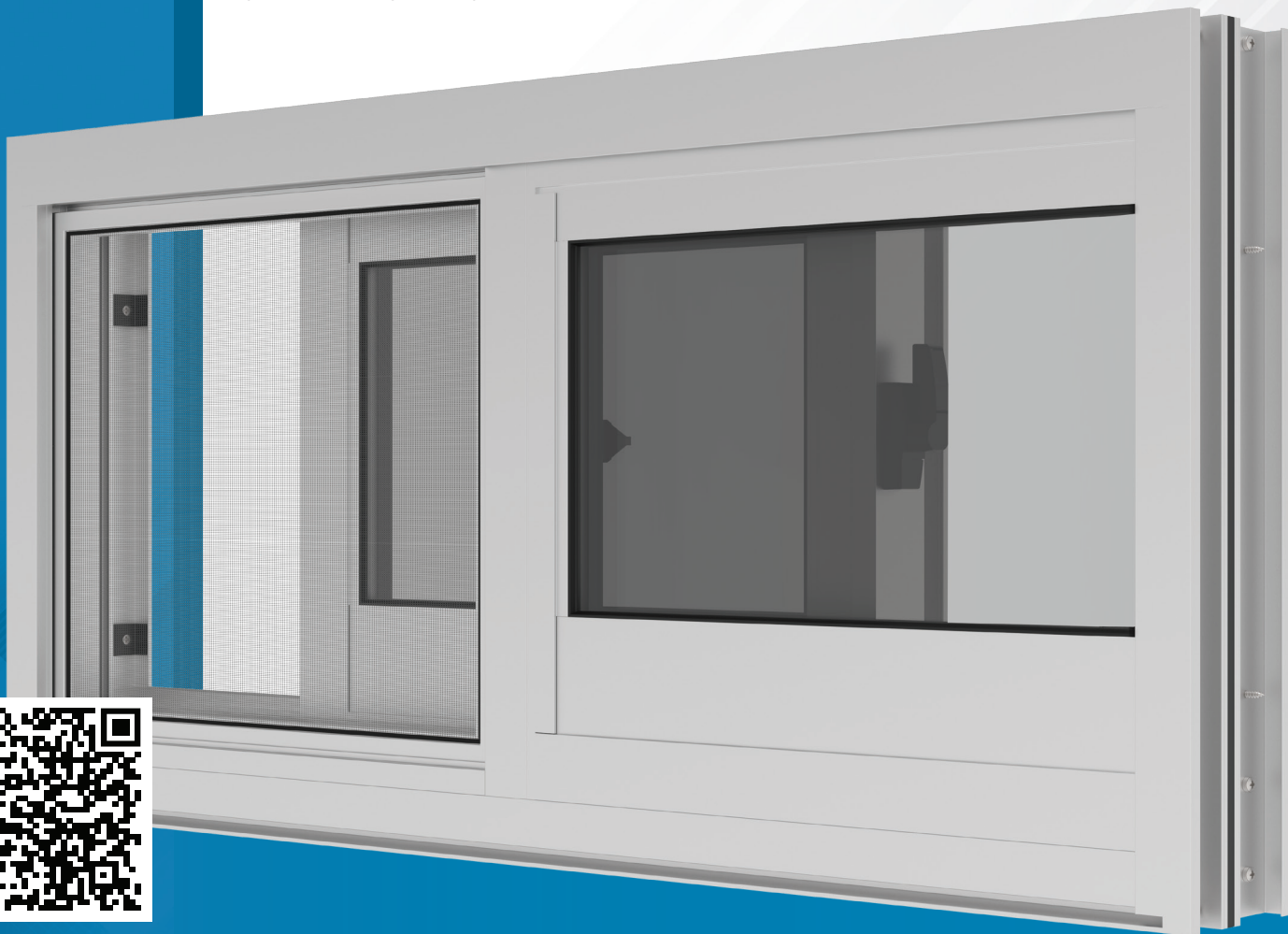
The **YSW 400 T** is an architectural grade (AW) rated sliding window that offers ease of operation. The window is thermally broken by polyamide iso bars to conserve energy and reduce operating costs. The window has standard heavy-duty hardware that provides years of worry free operation.

- Integrates easily with YFW 400 TU Fixed Windows above, below or next to the system
- Uses MegaTherm® iso strut thermal breaks
- Heavy-duty locking hardware and screens
- Head/jamb receptors, & stacking mullions
- HS-AW Performance Grade 40

Thermal Values:

U-Factor:	Values as low as 0.45*
CRF:	Minimum 55 _{frame} and 70 _{glass}

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

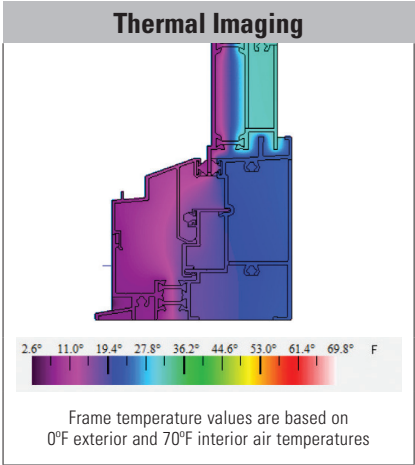


YSW 400 T SPECS		
Base Depth	4"	
Sightline	6-11/16"	
Config	Factory Glazed / Horizontal Slider	
Tested Glass	1" IGU with Low-E (C.O.G. U-Factor: 0.29)	
Test	Results	Standards
Air Infiltration	0.20 CFM/FT ² (1.85 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	ASTM E 283
Water Infiltration	Static: 9 PSF (431 Pa)	ASTM E 331 AAMA 501
Acoustical (1" IGU)	Standard STC: 33 Standard OITC: 28	ASTM E 90 ASTM E 1425

Thermal Performance								
Window Config	U-Factor - BTU/hr·ft²·°F						CRF	
2-1/4" x 4"	0.51	0.50	0.49	0.48	0.47	0.45	55	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 2605

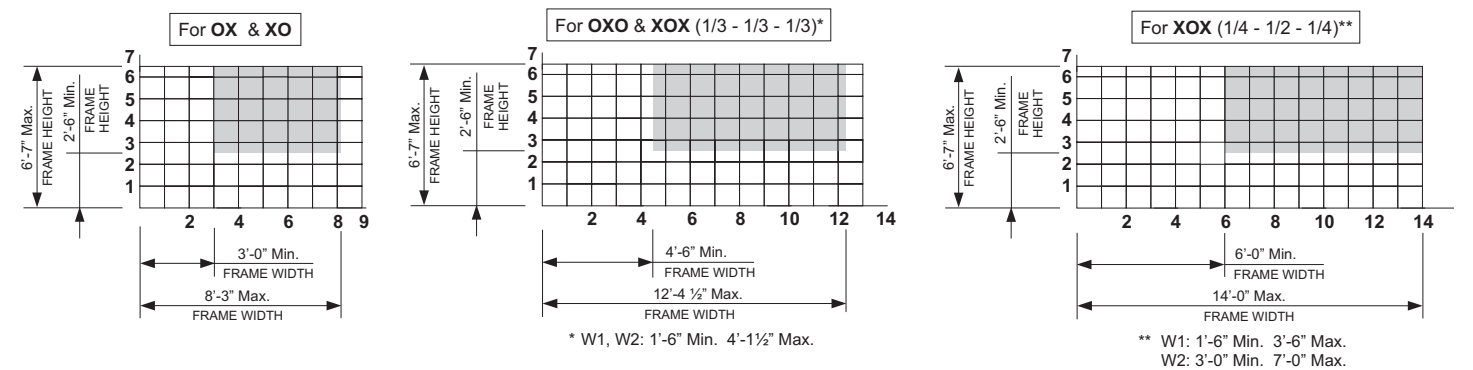
Structural Performance
AAMA/WDMA/I.S.2-97 HS-AW Performance Grade 40



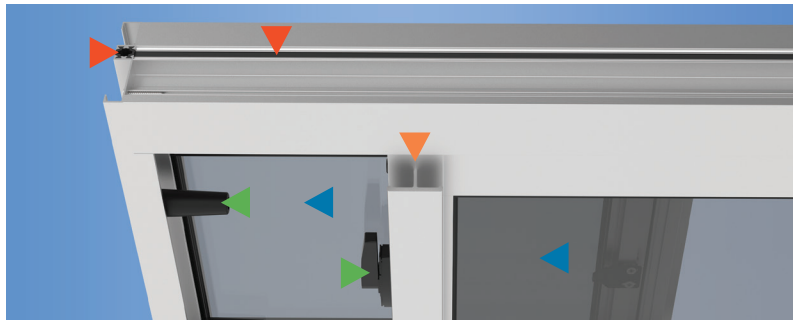
Configurations



Min & Max Sizing



A Closer Look at the System



- Integral pull handle on slider sash
- Heavy-duty locking hardware and stoppers
- MegaTherm® Thermal Break using polyamide isobars for superior thermal performance
- 1" Glazing – Inside Factory Glazing with Insulating Glass Unit Panels (IGU)