

# 1450S Series 4" Thermal Fixed, Casement & Projected Windows

## Product Information



WINCO RESERVES THE RIGHT TO MODIFY OR CHANGE INFORMATION WITHIN THIS BOOK WHEN DEEMED NECESSARY FOR PRODUCT IMPROVEMENT

### PERFORMANCE

The Series 1450S window is a thermally broken mainframe and sash that exceeds the performance specification criteria as required by ANSI/AAMA for AW (Architectural Grade) windows.

Fixed			Project Out - Awning		
AAMA Rating	AW-120		AAMA Rating	AW-120	
Air Infiltration	0.0 CFM/ft <sup>2</sup>		Air Infiltration	0.02 CFM/ft <sup>2</sup>	
Water	Over 12 psf		Water	Over 12 psf	
Structural	180 psf		Structural	180 psf	
CRF (AAMA 1503)	not tested		CRF (AAMA 1503)	not tested	
Center of Glass U-Value	Window U-Factor <sup>3</sup>		Center of Glass U-Value	Window U-Factor <sup>3</sup>	
BTU/Ft <sup>2</sup> x F° x Hr	47" x 59" <sup>2</sup>	60" x 99" <sup>1</sup>	BTU/Ft <sup>2</sup> x F° x Hr	59" x 24" <sup>2</sup>	60" x 36" <sup>1</sup>
	0.20	0.29		0.50	0.43
	0.24	0.33		0.52	0.45
	0.29	0.37		0.55	0.49
	0.34	0.41		0.57	0.52
	0.47	0.52		0.65	0.60

Project In - Hopper			Casement		
AAMA Rating	AW-120		AAMA Rating	AW-120	
Air Infiltration	0.08 CFM/ft <sup>2</sup>		Air Infiltration	0.1 CFM/ft <sup>2</sup>	
Water	Over 12 psf		Water	Over 12 psf	
Structural	180 psf		Structural	180 psf	
CRF (AAMA 1503)	not tested		CRF (AAMA 1503)	not tested	
Center of Glass U-Value	Window U-Factor <sup>3</sup>		Center of Glass U-Value	Window U-Factor <sup>3</sup>	
BTU/Ft <sup>2</sup> x F° x Hr	59" x 24" <sup>2</sup>	60" x 36" <sup>1</sup>	BTU/Ft <sup>2</sup> x F° x Hr	24" x 59" <sup>2</sup>	36" x 60" <sup>1</sup>
	0.20	0.43		0.50	0.43
	0.24	0.45		0.52	0.45
	0.29	0.49		0.55	0.49
	0.34	0.52		0.57	0.52
	0.47	0.60		0.65	0.60

This Information is based on current product design, sealed dual glazing, warm edge spacers and testing standards.

Please contact WINCO for project specific information

<sup>1</sup> AAMA 101 Test Size

<sup>2</sup> NFRC Gateway Test Size

<sup>3</sup> Based on NFRC 100

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