CTB / CTBE Commercial Aluminum Window Series
AAMA / NFRC Performance Product Comparison

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AAMA Performance

Series	Description	Style	Label / Class	A440-08/A440-11 Class / Performance Grade	Negative Design Pressure	Maximum Size in Grade	Air Infiltration Test cfm/s.f.	Water Penetration Test Pressure	in Optional Performance Grade
500	HS	Horizontal Slider Step-Saver	LC-PG30- 72 x 60 - HS	LC-30 LC-50	-30 psf -50 psf	72 x 60 60 x 48	<0.30	4.60	72 x 60
510	HS	Horizontal Slider Nailing Fin	LC-PG30- 72 x 60 - HS	LC-30 LC-50	-30 psf -50 psf	72 x 60 60 x 48	<0.30	4.60	72 x 60
520	SH (VSH)	Vertical Single Hung Nailing Fin	LC-PG30- 48 x 84 - H	LC-30	-30 psf	48 x 84	<0.30	4.60	48 x 84
540	FL-annealed	Fixed Windows Standard Glass	CW-PG-40-FW	CW-40	-40 psf	60 x 60	< .01	4.60	60 x 60
550	FL-annealed	Fixed Windows Standard Glass	CW-PG-40-FW	CW-40	-40 psf	84 x 60 60 x 84	< .01	6.06	84 x 60 60 x 84
550	FL-tempered	Fixed Windows Tempered Glass	CW-PG-40-FW	CW-40	-40 psf	96 x 60 60 x 96	< .01	6.06	96 x 60 60 x 96
550	FL-annealed	Fixed Step Saver Standard Glass	CW-PG-50-FW	CW-50	-50 psf	84 x 60 60 x 84	< .01	6.06	84 x 60 60 x 84

NFRC Performance

				U-Factor		SHGC (Solar Heat Gain Coefficient)		VT (Visible Transmittance)	
Series	Description	NFRC 100-01 Thermal Cert.	Test Specifications	CTB Clear / Air	CTBE Lo-E[1] Argon & SS	CTB Clear / Air	CTBE Lo-E[1] Argon & SS	CTB Clear / Air	CTBE Lo-E[1] Argon & SS
500	HS	Yes	NFRC 100/200/400/500	0.59	0.39	0.65	0.35	0.68	0.59
			NFRC 102 / AAMA 1503						
510	HS	Yes	Same	0.59	0.39	0.65	0.35	0.68	0.59
520	SH (VSH)	Yes	Same	0.59	0.39	0.65	0.35	0.67	0.59
540	FL-annealed	Yes	Same	0.53	0.31	0.72	0.38	0.75	0.65
550	FL-annealed	Yes	Same	0.54	0.33	0.72	0.38	0.75	0.65
550	FL-tempered	Yes	Same	0.54	0.33	0.72	0.38	0.75	0.65

[1]Lo-E = Low emmisivity coating standard on surface #2 (unless surface #3 is specified)

SS = Super Spacer (warm edge technology)