

Series 2900

New Construction Single Hung Windows

Performance Data



THERMAL PERFORMANCE DATA

Window Series	Test Method	Glazing Type	U-Value	SHGC	Visible Light Transmittance	Energy Star Compliance
2900 Single Hung	NFRC 100-97	Clear I.G.	0.49	0.64	0.67	
		LowE I.G.	0.35	0.32	0.59	
		LowE/Argon I.G.	0.31	0.32	0.59	Yes
		Ultra LowE I.G.	0.35	0.30	0.53	
		Ultra LowE/Argon I.G.	0.31	0.30	0.53	Yes
		Clear I.G. w/Grid	0.49	0.57	0.60	
		LowE I.G. w/Grid	0.35	0.29	0.53	
		LowE/Argon I.G. w/Grid	0.31	0.29	0.53	Yes
		Ultra LowE I.G. w/Grid	0.35	0.27	0.47	
		Ultra LowE/Argon I.G. w/Grid	0.31	0.27	0.47	Yes
		2900 Slider	NFRC 100-97	Clear I.G.	0.49	0.63
LowE I.G.	0.35			0.32	0.59	
LowE/Argon I.G.	0.32			0.32	0.59	Yes
Ultra LowE I.G.	0.35			0.30	0.52	
Ultra LowE/Argon I.G.	0.31			0.30	0.52	Yes
Clear I.G. w/Grid	0.49			0.57	0.59	
LowE I.G. w/Grid	0.35			0.29	0.53	
LowE/Argon I.G. w/Grid	0.32			0.29	0.53	Yes
Ultra LowE I.G. w/Grid	0.35			0.27	0.47	
Ultra LowE/Argon I.G. w/Grid	0.31			0.27	0.47	Yes
2900 Fixed Lite	NFRC 100-97			Clear I.G.	0.48	0.67
		LowE I.G.	0.33	0.34	0.63	
		LowE/Argon I.G.	0.29	0.34	0.63	Yes
		Ultra LowE I.G.	0.33	0.32	0.56	
		Ultra LowE/Argon I.G.	0.29	0.32	0.56	Yes
		Clear I.G. w/Grid	0.48	0.61	0.63	
		LowE I.G. w/Grid	0.33	0.31	0.56	
		LowE/Argon I.G. w/Grid	0.29	0.31	0.56	Yes
		Ultra LowE I.G. w/Grid	0.33	0.29	0.50	
		Ultra LowE/Argon I.G. w/Grid	0.29	0.29	0.50	Yes



Climate Region	U-Value	Solar Heat Gain Coefficient (SHGC)
Northern*	< = 0.30	No Requirement
North/Central	< = 0.32	< = 0.40
South/Central	< = 0.35	< = 0.30
Southern	< = 0.60	< = 0.27

*see alternatives



STRUCTURAL PERFORMANCE DATA

* Factory Muller Pair

** Optional Reinforced Sash

Window Series	Test Method	Window Size	Air Infiltration @ 25 MPH	Water Resistance	Structural Test Pressure	DP Rating
2900 Single Hung	AAMA/WDMA/CSA 101/1.S.2/A440-05	44 X 63	0.17 CFM	9.00 PSF	60.00 PSF	H-R40
2900 Slider	AAMA/WDMA/CSA 101/1.S.2/A440-05	44 x 63**	0.09 CFM	7.52 PSF	75.24 PSF	H-R50
2900 Slider	AAMA/WDMA/CSA 101/1.S.2/A440-05	69 X 48	0.29 CFM	3.00 PSF	30.00 PSF	HS-R20
2900 Slider	AAMA/WDMA/CSA 101/1.S.2/A440-05	69 X 48	0.20 CFM	3.00 PSF	37.50 PSF	HS-R25
2900 Fixed Lite	AAMA/WDMA/CSA 101/1.S.2/A440-05	48 X 48	0.08 CFM	3.00 PSF	22.50 PSF	FW-R15