



			Thermal Performance								AAMA / WDMA / CSA101 / I.S.2 / A440			
			U-Factor			No Grids		Grids < 1"		TDL		CRF	Air Infiltration	Performance Class – Grade Design Pressure
			No Grids	<1" Grids	TDL Grids	SHGC	VT	SHGC	VT	SHGC	VT			
<b>Legends Clad Series</b>														
DHC200	Clear	.4700		.56	.58	.50	.52				43	.08 cfm/ft <sup>2</sup>	LC-45 DP45	
	Cardinal® LoE <sup>2</sup> -270	.3043		.27	.50	.24	.44							57
DPC200, DPC250	Clear	.4700		.58	.61	.52	.54				44	.03 cfm/ft <sup>2</sup>	CW-60 DP60	
	Cardinal® LoE <sup>2</sup> -270	.2900		.29	.52	.26	.47							59
DHC300	Clear	.4600		.56	.58	.50	.52				43	.08 cfm/ft <sup>2</sup>	LC-45 DP45	
	Cardinal® LoE <sup>2</sup> -270	.2926		.27	.50	.24	.44							57
DPC300, DPC350	Clear	.4700		.58	.61	.52	.54				44	.03 cfm/ft <sup>2</sup>	CW-60 DP60	
	Cardinal® LoE <sup>2</sup> -270	.2900		.29	.52	.26	.47							59
DHC250	Clear	.3067		.27	.50	.24	.44				57	.08 cfm/ft <sup>2</sup>	LC-45 DP45	
	Cardinal® LoE <sup>2</sup> -270 + LoE-i89	.2730		.26	.49	.24	.43							46
DHC350	Clear	.2950		.27	.50	.24	.44				57	.08 cfm/ft <sup>2</sup>	LC-45 DP45	
	Cardinal® LoE <sup>2</sup> -270 + LoE-i89	.2612		.26	.49	.24	.43							46
SKC200	Clear	.48		.59	.62	.53	.55				43	ASTM E330 – No glass breakage ASTM E547 – No water leakage		
	Cardinal® LoE <sup>2</sup> -270	.30		.30	.53	.27	.47							57
SOC100	Clear	.47		.58	.61	.52	.54				44			
	Cardinal® LoE <sup>2</sup> -270	.29		.29	.52	.26	.47							59
CSC200	Clear	.35		.27	.49	.25	.44				56	<.01 cfm/ft <sup>2</sup>	CW-70 DP70	
	Cardinal® LoE <sup>2</sup> -270	.32		.27	.47	.25	.43							46
CSC300	Clear	.33		.27	.49	.25	.44				60	<.01 cfm/ft <sup>2</sup>	CW-70 DP70	
	Cardinal® LoE <sup>2</sup> -270 + LoE-i89	.20		.24	.42	.22	.38							57
ANC200	Clear	.33		.27	.49	.25	.44				54	<.01 cfm/ft <sup>2</sup>	CW-70* DP70	
	Cardinal® LoE <sup>2</sup> -270	.30		.27	.47	.25	.43							45
ANC300	Clear	.31		.27	.49	.25	.44				55	<.01 cfm/ft <sup>2</sup>	CW-70* DP70	
	Cardinal® LoE <sup>2</sup> -270 + LoE-i89	.19		.24	.42	.22	.38							61
CPC200	Clear	.35		.27	.49	.25	.44				54	<.01 cfm/ft <sup>2</sup>	CW-70* DP70	
	Cardinal® LoE <sup>2</sup> -270	.32		.27	.47	.25	.43							45
CPC300	Clear	.31		.31	.57	.28	.50				56	<.01 cfm/ft <sup>2</sup>	CW-70* DP70	
	Cardinal® LoE <sup>2</sup> -270 + LoE-i89	.27		.31	.55	.28	.49							46
DSC300	Clear	.47		.64	.66	.57	.59				42	<.01 cfm/ft <sup>2</sup>	CW-70 DP70	
	Cardinal® LoE <sup>2</sup> -270	.29		.32	.57	.29	.51							56
Cardinal® LoE <sup>2</sup> -270 + LoE-i89	.25	.31	.56	.28	.50	46								
<b>Liberty All Wood Series</b>														
DHW200, DHW200SX (1, 2 & 3) DHW200HX (1, 2 & 3)	Clear	.45	.46	.56	.58	.50	.52	.44	.46	43	.14 cfm/ft <sup>2</sup>	LC-40 DP40		
	Cardinal® LoE <sup>2</sup> -270	.28	.33	.28	.51	.25	.45	.23	.39	58				
DPW200, DPW250	Clear	.45	.47	.58	.60	.52	.54	.46	.47	45	<.01 cfm/ft <sup>2</sup>	CW-40 DP40		
	Cardinal® LoE <sup>2</sup> -270	.28	.33	.29	.52	.26	.46	.24	.41	60				
DHW300, DHW300SX (1, 2 & 3) DHW300HX (1, 2 & 3)	Clear	.45	.46	.55	.58	.49	.51	.44	.45	43	.14 cfm/ft <sup>2</sup>	LC-40 DP40		
	Cardinal® LoE <sup>2</sup> -270	.28	.33	.28	.50	.25	.44	.22	.39	58				
DPW300, DPW350	Clear	.45	.47	.58	.60	.52	.54	.46	.47	45	<.01 cfm/ft <sup>2</sup>	CW-40 DP40		
	Cardinal® LoE <sup>2</sup> -270	.28	.33	.29	.52	.26	.46	.24	.41	60				
DHW250	Clear	.28	.33	.28	.50	.25	.44	.22	.39	57	.14 cfm/ft <sup>2</sup>	LC-40 DP40		
	Cardinal® LoE <sup>2</sup> -270 + LoE-i89	.25	.31	.27	.49	.24	.43	.22	.38	47				
DHW350	Clear	.29	.33	.28	.49	.25	.44	.22	.38	57	.14 cfm/ft <sup>2</sup>	LC-40 DP40		
	Cardinal® LoE <sup>2</sup> -270 + LoE-i89	.26	.31	.27	.48	.24	.42	.22	.37	47				
SKW200, SKW200SX2, SKW200HX2	Clear	.47	.49	.60	.62	.53	.55	.48	.49	43	ASTM E330 – No glass breakage ASTM E547 – No water leakage			
	Cardinal® LoE <sup>2</sup> -270	.30	.35	.30	.54	.27	.48	.24	.42	58				
SOW100	Clear	.45	.47	.58	.60	.52	.54	.46	.47	45				
	Cardinal® LoE <sup>2</sup> -270	.28	.33	.29	.52	.26	.46	.24	.41	60				
CSW300	Clear	.44	.45	.46	.55	.57	.50	.51	.45	43	.03 cfm/ft <sup>2</sup>	CW-50 *		
	Cardinal® LoE <sup>2</sup> -270	.28	.29	.32	.25	.46	.23	.41	.21	58				
Cardinal® LoE <sup>2</sup> -270 + LoE-i89	.25	.26	.30	.24	.42	.22	.38	.20	.34	46				

Cardinal® LoE<sup>2</sup>-270 = 3 mm LoE<sup>2</sup>-270 (posion #2) / Argon / 3 mm Clear  
 Cardinal® LoE<sup>2</sup>-270 + LoE-i89 = 3 mm LoE<sup>2</sup>-270 (posion #2) / Argon / 3 mm LoE-i89 (posion #4)  
 (1) Cardinal® LoE<sup>2</sup>-270 + LoE-i89 with 3 mm CS-72 (#6) Removable Energy Panel

SHGC – Solar Heat Gain Coefficient  
 VT – Visible Transmittance  
 CRF – Condensation Resistance Factor

\* CURRENTLY UNDER TESTING