



Liberty Collection Performance Data

	CAN A440-00					AAMA/WDMA/CSA 101/I.S.2/A440-08		Energy Rating (NC)	NFRC Rating (NC/SC)
	AIR	WATER	WIND	FORCED ENTRY					
Caribbean (awning)	A3	B7	C4	F2		AP R55 DP55		28	0.31 / 0.27
Tudor (casement)	A3	B7	C4	F2		C R55 DP55		28	0.31 / 0.27
Twintilt E Series (double hung)	A2	B4	C4	F2		H R55 DP55		29	0.32 / 0.28
Fixed Lite	F	B7	C5	*		F R90 DP90		36	0.30 / 0.26
- IN FRAME	F	B7	C5	*		F R90 DP90		38	0.30 / 0.26

- All test results have been achieved through independent testing.
- NFRC Results are expressed as an overall U-Value and include NC Glazing.
- Energy rating has been calculated using ENERGY STAR Canada's data entry computer software. A higher number indicates better performance.

* Forced Entry not relevant for fixed products.

Pollard Windows Inc. conducts a continuing product development program and reserves the right to make product improvements without notice.

	Transmittance			Reflectance		U-Value		Shading Coefficient	Solar Heat Gain Coefficient
	Ultra Violet %	Visible %	Total Solar Energy	Visible Light %	Visible %	Imperial	Metric		
NC Glazing	25	55	44	16	15	0.29	1.65	0.65	0.57
SC Glazing	37	68	33	12	38	0.25	1.40	0.41	0.36

- NC Glazing includes one hard Low E coating, Argon Gas and patented insulated bar.
- SC Glazing includes one soft Low E coating, Argon Gas and a patented insulated spacer bar and is the optimal glazing for U.S customers.
- All glazing data is based on NFRC Methodology, using LBNL's Window 5.2 Software.
- U-Value (metric) is the overall coefficient of heat transmittance measured in BTU/hour/square ft/ °F (watts/meter² °C) lower U-values indicate better insulating performance
- Shading coefficient is the ratio of the total amount of solar energy that passes through a glass relative to 3mm (1/8") thick clear glass under the same design conditions. A lower shading coefficient indicates better performance in reducing summer heat gain.