

# High Performance Windows & Patio Doors

Meets 30/30 requirements for  
2009/2010 Energy Tax Credit



WINDOW / MODEL	GLASS / GAS	TOTAL WINDOW NFRC VALUES NO GRIDS			
		R VALUE	U VALUE	SHGC	VT
High Pointe Double Hung / HP800	Clear / Air	2.08	.48	.63	.65
	Low E / Argon	3.33	.30	.31	.56
High Pointe Casement / HPVC10	Clear / Air	2.33	.43	.53	.55
	Low E / Argon	3.57	.28	.26	.47
High Pointe Awning / HPVA10	Clear / Air	2.33	.43	.53	.55
	Low E / Argon	3.57	.28	.26	.47
Sherwood DH / S700	Low E / Argon	3.33	.30	.29	.52
Sherwood DS / S750	Low E / Argon	3.33	.30	0.29	.52
Sherwood Casement	Low E / Argon	3.57	.28	.26	.45
High Pointe Patio Door / HPPD	Low E / Argon	3.57	.28	.32	.58
High Pointe Single Hung / HP700	Clear / Air	2.08	.48	.63	.66
	Low E / Argon	3.33	.30	.32	.57
High Pointe Picture,HP770, HP870, HPVCIF	Clear / Air	2.13	.47	.67	.69
	Low E / Argon	3.57	.28	.33	.60

STRUCTURAL PERFORMANCE VALUES					
PRODUCT RATING	UP TO THIS SIZE WINDOW *	STRUCTURAL TEST PRESSURE Psf.	WATER RESIST. Psf.	AIR INFILT. Cfm / ft <sup>2</sup>	EQUIV WIND MPH
R50	36" x 72"	75	7.5	.18	172 mph
R50	36 x 72"	75	7.5	.01	172 mph
R50	48" x 24"	75	7.5	.03	172 mph
R50	44" x 60"	75	7.5	.28	172 mph
R50	69" x 48"	75	7.5	.20	172 mph
R50	36" x 72"	75	7.5	.01	172 mph
R50	73" x 80"	75	7.5	.11	172 mph
R50	36" x 72"	75	7.5	.14	172 mph
R50	48" x 48"	75	7.5	.01	172 mph

\* Windows above this size may not be rated

**R- Value** is the measurement of resistance to heat flow through the entire window at 0° F outdoor temperature and 70° F indoor temperature. The higher the R value, the better the window performance.

**U-factor** measures how well a product prevents heat from escaping. The lower the U-value, the greater a window's resistance to heat flow and the better its insulating value.

**SHGC - Solar Heat Gain Coefficient** is the ratio of solar heat passing through the window relative to a single glazed clear window at 89° F outdoor temperature and 75° F indoor temperature. Lower values reduce summer heat gain through the window.

**VT- Visible Light Transmittance** lower values mean less light passing through the window.

**NFRC** stands for National Fenestration Rating Council.