

GrandView™ 3000

A Great Lakes Window Product



NFRC Certified Values

Product Type / Popular Glazing Options	U-Factor (Center of Glass)	R-value (Center of Glass)	Total Unit R-value	NFRC CPD Number	Total Unit U-Factor	SHGC	VT	CR	ENERGY STAR QUALIFIED
Double Hung									
Clear IGU	0.49	2.0	2.1	PWG-M-28	0.47	0.59	0.62	42	No
Grids (Width<1")	0.49	2.0	2.1		0.47	0.53	0.55	42	No
HP (Low E Argon IGU)	0.26	3.8	3.2		0.31	0.30	0.55	53	Yes
Grids (Width<1")	0.26	3.8	3.2		0.31	0.27	0.49	53	Yes
Slider									
Clear IGU	0.49	2.0	2.1	PGW-M-36	0.47	0.56	0.59	42	No
Grids (Width<1")	0.49	2.0	2.1		0.47	0.50	0.52	42	No
HP (Low E Argon IGU)	0.26	3.8	3.1		0.32	0.28	0.52	54	Yes
Grids (Width<1")	0.26	3.8	3.1		0.32	0.25	0.46	54	Yes
Picture									
Clear IGU	0.49	2.1	2.1	PWG-M-42	0.47	0.63	0.68	44	No
Grids (Width<1")	0.49	2.1	2.1		0.47	0.57	0.61	44	No
HP (Low E Argon IGU)	0.26	3.8	3.4		0.30	0.32	0.60	56	Yes
Grids (Width<1")	0.26	3.8	3.4		0.30	0.29	0.54	56	Yes
Casement									
Clear IGU	0.49	2.1	2.3	PWG-M-25	0.43	0.54	0.56	44	No
Grids (Width<1")	0.49	2.1	2.3		0.43	0.49	0.51	44	No
HP (Low E Argon IGU)	0.26	3.8	3.5		0.29	0.27	0.50	58	Yes
Grids (Width<1")	0.26	3.8	3.5		0.29	0.25	0.45	58	Yes
Fixed Casement									
Clear IGU	0.49	2.0	2.2	PWG-M-24	0.45	0.62	0.65	44	No
Grids (Width<1")	0.49	2.0	2.2		0.45	0.56	0.58	44	No
HP (Low E Argon IGU)	0.26	3.8	3.6		0.28	0.31	0.58	58	Yes
Grids (Width<1")	0.26	3.8	3.6		0.28	0.28	0.52	58	Yes
Awning									
Clear IGU	0.49	2.0	2.3	PWG-M-26	0.44	0.54	0.56	43	No
Grids (Width<1")	0.49	2.0	2.3		0.44	0.49	0.51	43	No
HP (Low E Argon IGU)	0.26	3.8	3.4		0.29	0.25	0.48	54	Yes
Grids (Width<1")	0.26	3.8	3.4		0.29	0.23	0.43	54	Yes
Sliding Patio Door									
New Construction Door (APD)									
Clear IGU	0.48	2.1	2.1	PWG-M-44	0.47	0.68	0.64	42	No
Grids (Width<1")	0.48	2.1	2.1		0.48	0.59	0.57	42	No
HP (Low E Argon IGU)	0.25	4.0	3.3		0.30	0.32	0.59	54	Yes
Grids (Width<1")	0.25	4.0	3.2		0.31	0.28	0.52	54	Yes

NFRC (National Fenestration Rating Council)

- CPD - Certified Product Directory
- SHGC - Solar Heat Gain Coefficient
- VT - Visible Light Transmission
- CR - Condensation Resistance

U-Factor - Rate of Heat Loss
R-Value - Resistance to Heat Flow



- Option does NOT meet .30 U-Factor/.30 SHGC numbers required for the Energy Tax Credit.
 - Only configuration that meets is triple strength glass in both panes.

Footnotes: Total unit values: Single strength glass for all dual & Triple pane windows with and w/o grids.
 Total unit values: Double strength glass for all dual & triple pane Patio Doors and Picture Windows.