

# GrandView™ 5000

A Great Lakes Window Product



By PLY GEM

Product Type / Popular Glazing Options	U-Factor (Center of Glass)	R-value (Center of Glass)	Total Unit R-value	NFRC Certified Values					ENERGY STAR QUALIFIED	
				NFRC CPD Number	Total Unit U-Factor	SHGC	VT	CR		
<b>Double Hung</b>										
Clear IGU	0.49	2.0	2.2	PGW-M-32	0.45	0.57	0.60	42	No	
Grids (Width<1")	0.49	2.0	2.2		0.45	0.51	0.53	42	No	
HP ( Low E Argon IGU)	0.26	3.8	3.3		0.30	0.29	0.53	52	Yes	
Grids (Width<1")	0.26	3.8	3.3		0.30	0.26	0.47	52	Yes	
HP2 ( Double Low E Argon IGU)	0.25	4.0	3.4		0.29	0.27	0.47	53	Yes	
Grids (Width<1")	0.25	4.0	3.4		0.29	0.24	0.42	53	Yes	
HP Max (Triple Pane Double Low E Argon IGU)	0.18	5.6	4.3		0.23	0.25	0.43	62	Yes	
Grids (Width<1")	0.18	5.6	4.2		0.24	0.22	0.38	62	Yes	
<b>Slider</b>										
Clear IGU	0.49	2.0	2.2		PWG-M-37	0.45	0.56	0.59	42	No
Grids (Width<1")	0.49	2.0	2.2	0.45		0.50	0.52	42	No	
HP ( Low E Argon IGU)	0.26	3.8	3.3	0.30		0.28	0.52	54	Yes	
Grids (Width<1")	0.26	3.8	3.3	0.30		0.25	0.46	54	Yes	
HP2 ( Double Low E Argon IGU)	0.25	4.0	3.4	0.29		0.26	0.46	55	Yes	
Grids (Width<1")	0.25	4.0	3.4	0.29		0.24	0.41	55	Yes	
HP Max (Triple Pane Double Low E Argon IGU)	0.18	5.6	4.2	0.24		0.24	0.42	61	Yes	
Grids (Width<1")	0.18	5.6	4.2	0.24		0.22	0.38	61	Yes	
<b>Picture</b>										
Clear IGU	0.49	2.1	2.2	PWG-M-41		0.46	0.63	0.68	43	No
Grids (Width<1")	0.49	2.1	2.2		0.46	0.57	0.61	43	No	
HP ( Low E Argon IGU)	0.26	3.8	3.6		0.28	0.32	0.60	56	Yes	
Grids (Width<1")	0.26	3.8	3.6		0.28	0.29	0.54	56	Yes	
HP2 ( Double Low E Argon IGU)	0.26	3.8	3.7		0.27	0.30	0.54	56	Yes	
Grids (Width<1")	0.26	3.8	3.7		0.27	0.27	0.48	56	Yes	
HP Max (Triple Pane Double Low E Argon IGU)	0.16	6.3	5.1		0.20	0.28	0.49	65	Yes	
Grids (Width<1")	0.16	6.3	5.0		0.20	0.25	0.44	65	Yes	
<b>Casement</b>										
Clear IGU	0.49	2.0	2.3		PWG-M-25	0.43	0.54	0.56	44	No
Grids (Width<1")	0.49	2.0	2.3	0.43		0.49	0.51	44	No	
HP ( Low E Argon IGU)	0.26	3.8	3.6	0.28		0.27	0.50	59	Yes	
Grids (Width<1")	0.26	3.8	3.6	0.28		0.25	0.45	59	Yes	
HP2 ( Double Low E Argon IGU)	0.25	4.0	3.6	0.28		0.25	0.44	59	Yes	
Grids (Width<1")	0.25	4.0	3.6	0.28		0.23	0.40	59	Yes	
HP Max (Triple Pane Double Low E Argon IGU)	0.18	5.6	4.5	0.22		0.23	0.40	66	Yes	
Grids (Width<1")	0.18	5.6	4.3	0.23		0.21	0.36	66	Yes	
<b>Fixed Casement</b>										
Clear IGU	0.49	2.0	2.3	PWG-M-24		0.44	0.62	0.65	44	No
Grids (Width<1")	0.49	2.0	2.3		0.44	0.56	0.58	44	No	
HP ( Low E Argon IGU)	0.26	3.8	3.7		0.27	0.31	0.58	58	Yes	
Grids (Width<1")	0.26	3.8	3.7		0.27	0.28	0.52	58	Yes	
HP2 ( Double Low E Argon IGU)	0.25	4.0	3.8		0.26	0.29	0.51	59	Yes	
Grids (Width<1")	0.25	4.0	3.8		0.26	0.26	0.46	59	Yes	
HP Max (Triple Pane Double Low E Argon IGU)	0.18	5.6	5.0		0.20	0.27	0.47	65	Yes	
Grids (Width<1")	0.18	5.6	4.8		0.21	0.24	0.42	65	Yes	
<b>Awning</b>										
Clear IGU	0.49	2.0	2.3		PWG-M-26	0.43	0.54	0.56	43	No
Grids (Width<1")	0.49	2.0	2.3	0.43		0.49	0.51	43	No	
HP ( Low E Argon IGU)	0.26	3.8	3.6	0.28		0.27	0.50	55	Yes	
Grids (Width<1")	0.26	3.8	3.6	0.28		0.25	0.45	55	Yes	
HP2 ( Double Low E Argon IGU)	0.25	4.0	3.6	0.28		0.25	0.44	56	Yes	
Grids (Width<1")	0.25	4.0	3.6	0.28		0.23	0.40	56	Yes	
HP Max (Triple Pane Double Low E Argon IGU)	0.18	5.6	4.5	0.22		0.23	0.40	66	Yes	
Grids (Width<1")	0.18	5.6	4.3	0.23		0.21	0.36	66	Yes	
<b>Sliding Patio Door</b>										
<b>Premier (CMPD)</b>										
Clear IGU	0.49	2.0	2.3	PWG-M-45	0.43	0.52	0.56	44	No	
Grids (Width<1")	0.49	2.0	2.3		0.43	0.45	0.48	44	No	
HP ( Low E Argon IGU)	0.26	3.8	3.4		0.29	0.27	0.49	57	Yes	
Grids (Width<1")	0.26	3.8	3.4		0.29	0.23	0.43	57	Yes	
HP2 ( Double Low E Argon IGU)	0.26	3.8	3.6		0.28	0.25	0.44	58	Yes	
Grids (Width<1")	0.26	3.8	3.6		0.28	0.22	0.38	58	Yes	
HP Max (Triple Pane Double Low E Argon IGU)	0.17	5.9	4.5		0.22	0.23	0.40	64	Yes	
Grids (Width<1")	0.17	5.9	4.3		0.23	0.20	0.34	64	Yes	

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

**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

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