



## WINDOWS & DOORS LISTING PROGRAM

**Customer:** Marvel Doors & Windows Ltd.  
**Class:** Fenestration Products – Energy Performance  
**Location:** Langley, British Columbia  
**Website:** <https://marveldoors.com/>

**Listing No.** W599-1  
**Project No.** W599-1 ED2  
**Effective Date:** March 5, 2025  
**Last Revised Date:** April 13, 2026  
**Expires:** N/A

**Standards:** CSA A440.2-19 “Fenestration Energy Performance”  
CSA A440.2-22 “Fenestration Energy Performance”

**Product:** Vinyl Windows

**Markings:** Products are marked with the following content in a permanent manner where it is readily visible after installation:

- a) Manufacturer’s name, Trademark or other recognized symbol or identification.
- b) QAI file Number: W599
- c) QAI logo shown here:



- d) “Evaluation for energy performance in accordance with CSA A440.2” / “Évalué pour la performance d’énergie en accord à la norme CSA A440.2”



**Models / Ratings:**

**6000 Series Picture Window**

Glass / Grille Option #	Model Code	U-Value (W/m <sup>2</sup> K)	Product SHGC	Energy Rating
G01	MDW-6000PC-3,180(2)-3,CL-13AR90SS	1.47	0.49	36
G02	MDW-6000PC-3,272(2)-3,CL-13AR90SS	1.43	0.31	26
G03	MDW-6000PC-3,270(2)-3,CL-13AR90SS	1.42	0.28	25
G04	MDW-6000PC-3,366(2)-3,CL-13AR90SS	1.39	0.21	21
G05	MDW-6000PC-3,180(2)-3,180(4)-13AR90SS	1.20	0.46	40
G06	MDW-6000PC-3,270(2)-3,180(4)-13AR90SS	1.16	0.27	30
G07	MDW-6000PC-3,270(2)-3,270(4)-13AR90SS	1.14	0.25	29
G08	MDW-6000PC-3,366(2)-3,i89(4)-13AR90SS	1.18	0.20	25
G09	MDW-6000PC-3,270(2)-3,i89(4)-13AR90SS	1.20	0.28	29
G10	MDW-6000PC-3,270(2)-3,270(4)-13AR95SP	1.13	0.25	29
G11	MDW-6000PC-3,366(2)-3,i89(4)-13AR95SP	1.17	0.20	26
G12	MDW-6000PC-3,270(2)-3,i89(4)-13AR95SP	1.19	0.27	29
G13	MDW-6000PC-3,180(2)-3,CL-19AR90SS	1.52	0.49	35
G14	MDW-6000PC-3,272(2)-3,CL-19AR90SS	1.48	0.31	25
G15	MDW-6000PC-3,270(2)-3,CL-19AR90SS	1.46	0.28	24
G16	MDW-6000PC-3,366(2)-3,CL-19AR90SS	1.44	0.21	20
G17	MDW-6000PC-3,180(2)-3,180(4)-19AR90SS	1.22	0.46	39
G18	MDW-6000PC-3,270(2)-3,270(4)-19AR90SS	1.17	0.25	28
G19	MDW-6000PC-3,366(2)-3,i89(4)-19AR90SS	1.21	0.20	25
G20	MDW-6000PC-3,270(2)-3,i89(4)-19AR90SS	1.23	0.27	28
G21	MDW-6000PC-3,180(2)-3,180(4)-3,CL-13AR90SS	0.91	0.41	43
G22	MDW-6000PC-3,270(2)-3,270(4)-3,CL-13AR90SS	0.87	0.22	33
G23	MDW-6000PC-3,366(2)-3,270(4)-3,CL-13AR90SS	0.86	0.17	31
G24	MDW-6000PC-3,366(2)-3,270(4)-3,CL-13AR95SP	0.85	0.17	31
G25	MDW-6000PC-3,270(2)-3,180(4)-3,i89(6)-13AR90SS	0.82	0.24	36
G26	MDW-6000PC-3,270(2)-3,270(4)-3,i89(6)-13AR90SS	0.80	0.21	34
G27	MDW-6000PC-3,366(2)-3,270(4)-3,i89(6)-13AR90SS	0.80	0.17	32
G28	MDW-6000PC-3,366(2)-3,180(4)-3,i89(6)-13AR90SS	0.81	0.18	32
G29	MDW-6000PC-3,366(2)-3,180(4)-3,i89(6)-13AR95SP	0.80	0.18	32
G30	MDW-6000PC-3,366(2)-3,366(4)-3,i89(6)-13AR95SP	0.78	0.16	32



**6000 Series Casement Window**

Glass / Grille Option #	Model Code	U-Value (W/m <sup>2</sup> K)	Product SHGC	Energy Rating
G01	MDW-6000CA-3,180(2)-3,CL-13AR90SS	1.47	0.41	31
G02	MDW-6000CA-3,272(2)-3,CL-13AR90SS	1.44	0.26	22
G03	MDW-6000CA-3,270(2)-3,CL-13AR90SS	1.43	0.23	21
G04	MDW-6000CA-3,366(2)-3,CL-13AR90SS	1.41	0.17	18
G05	MDW-6000CA-3,180(2)-3,180(4)-13AR90SS	1.25	0.38	34
G06	MDW-6000CA-3,270(2)-3,180(4)-13AR90SS	1.22	0.23	26
G07	MDW-6000CA-3,270(2)-3,270(4)-13AR90SS	1.20	0.21	25
G08	MDW-6000CA-3,366(2)-3,i89(4)-13AR90SS	1.24	0.17	22
G09	MDW-6000CA-3,270(2)-3,i89(4)-13AR90SS	1.25	0.23	25
G10	MDW-6000CA-3,270(2)-3,270(4)-13AR95SP	1.19	0.21	25
G11	MDW-6000CA-3,366(2)-3,i89(4)-13AR95SP	1.22	0.17	22
G12	MDW-6000CA-3,270(2)-3,i89(4)-13AR95SP	1.23	0.23	25
G13	MDW-6000CA-3,180(2)-3,CL-19AR90SS	1.50	0.41	30
G14	MDW-6000CA-3,272(2)-3,CL-19AR90SS	1.46	0.26	22
G15	MDW-6000CA-3,270(2)-3,CL-19AR90SS	1.45	0.23	21
G16	MDW-6000CA-3,366(2)-3,CL-19AR90SS	1.43	0.17	18
G17	MDW-6000CA-3,180(2)-3,180(4)-19AR90SS	1.26	0.38	33
G18	MDW-6000CA-3,270(2)-3,270(4)-19AR90SS	1.21	0.21	25
G19	MDW-6000CA-3,366(2)-3,i89(4)-19AR90SS	1.25	0.17	21
G20	MDW-6000CA-3,270(2)-3,i89(4)-19AR90SS	1.26	0.23	25
G21	MDW-6000CA-3,180(2)-3,180(4)-3,CL-13AR90SS	0.99	0.35	38
G22	MDW-6000CA-3,270(2)-3,270(4)-3,CL-13AR90SS	0.96	0.18	28
G23	MDW-6000CA-3,366(2)-3,270(4)-3,CL-13AR90SS	0.95	0.14	26
G24	MDW-6000CA-3,366(2)-3,270(4)-3,CL-13AR95SP	0.93	0.14	27
G25	MDW-6000CA-3,270(2)-3,180(4)-3,i89(6)-13AR90SS	0.91	0.20	31
G26	MDW-6000CA-3,270(2)-3,270(4)-3,i89(6)-13AR90SS	0.90	0.18	30
G27	MDW-6000CA-3,366(2)-3,270(4)-3,i89(6)-13AR90SS	0.90	0.14	27
G28	MDW-6000CA-3,366(2)-3,180(4)-3,i89(6)-13AR90SS	0.91	0.15	28
G29	MDW-6000CA-3,366(2)-3,180(4)-3,i89(6)-13AR95SP	0.89	0.15	28
G30	MDW-6000CA-3,366(2)-3,366(4)-3,i89(6)-13AR95SP	0.87	0.13	27



**6000 Series Awning Window**

Glass / Grille Option #	Model Code	U-Value (W/m <sup>2</sup> K)	Product SHGC	Energy Rating
G01	MDW-6000AW-3,180(2)-3,CL-13AR90SS	1.49	0.41	30
G02	MDW-6000AW-3,272(2)-3,CL-13AR90SS	1.45	0.26	22
G03	MDW-6000AW-3,270(2)-3,CL-13AR90SS	1.44	0.23	21
G04	MDW-6000AW-3,366(2)-3,CL-13AR90SS	1.42	0.17	18
G05	MDW-6000AW-3,180(2)-3,180(4)-13AR90SS	1.28	0.38	33
G06	MDW-6000AW-3,270(2)-3,180(4)-13AR90SS	1.25	0.23	25
G07	MDW-6000AW-3,270(2)-3,270(4)-13AR90SS	1.24	0.21	24
G08	MDW-6000AW-3,366(2)-3,i89(4)-13AR90SS	1.26	0.17	21
G09	MDW-6000AW-3,270(2)-3,i89(4)-13AR90SS	1.28	0.23	24
G10	MDW-6000AW-3,270(2)-3,270(4)-13AR95SP	1.22	0.21	25
G11	MDW-6000AW-3,366(2)-3,i89(4)-13AR95SP	1.25	0.17	22
G12	MDW-6000AW-3,270(2)-3,i89(4)-13AR95SP	1.26	0.23	25
G13	MDW-6000AW-3,180(2)-3,CL-19AR90SS	1.51	0.41	30
G14	MDW-6000AW-3,272(2)-3,CL-19AR90SS	1.48	0.26	22
G15	MDW-6000AW-3,270(2)-3,CL-19AR90SS	1.47	0.23	20
G16	MDW-6000AW-3,366(2)-3,CL-19AR90SS	1.45	0.17	17
G17	MDW-6000AW-3,180(2)-3,180(4)-19AR90SS	1.30	0.38	33
G18	MDW-6000AW-3,270(2)-3,270(4)-19AR90SS	1.25	0.21	24
G19	MDW-6000AW-3,366(2)-3,i89(4)-19AR90SS	1.28	0.17	21
G20	MDW-6000AW-3,270(2)-3,i89(4)-19AR90SS	1.30	0.23	24
G21	MDW-6000AW-3,180(2)-3,180(4)-3,CL-13AR90SS	1.00	0.35	38
G22	MDW-6000AW-3,270(2)-3,270(4)-3,CL-13AR90SS	0.96	0.18	29
G23	MDW-6000AW-3,366(2)-3,270(4)-3,CL-13AR90SS	0.96	0.14	26
G24	MDW-6000AW-3,366(2)-3,270(4)-3,CL-13AR95SP	0.94	0.14	27
G25	MDW-6000AW-3,270(2)-3,180(4)-3,i89(6)-13AR90SS	0.93	0.20	30
G26	MDW-6000AW-3,270(2)-3,270(4)-3,i89(6)-13AR90SS	0.91	0.18	30
G27	MDW-6000AW-3,366(2)-3,270(4)-3,i89(6)-13AR90SS	0.91	0.14	27
G28	MDW-6000AW-3,366(2)-3,180(4)-3,i89(6)-13AR90SS	0.92	0.15	28
G29	MDW-6000AW-3,366(2)-3,180(4)-3,i89(6)-13AR95SP	0.90	0.15	28
G30	MDW-6000AW-3,366(2)-3,366(4)-3,i89(6)-13AR95SP	0.88	0.13	27



**5500 Series Sliding Window**

Glass / Grille Option #	Model Code	U-Value (W/m <sup>2</sup> K)	Product SHGC	Energy Rating
G01	MDW-5500SS-3,180(2)-3,CL-13AR90SS-R1	1.66	0.50	32
G02	MDW-5500SS-3,272(2)-3,CL-13AR90SS-R1	1.62	0.32	22
G03	MDW-5500SS-3,366(2)-3,CL-13AR90SS-R1	1.58	0.21	17
G04	MDW-5500SS-3,270(2)-3,CL-13AR90SS-R1	1.61	0.29	21
G05	MDW-5500SS-3,SB60(2)-3,CL-13AR90SS-R1	1.60	0.31	22
G06	MDW-5500SS-3,180(2)-3,180(4)-13AR90SS-R1	1.38	0.47	36
G07	MDW-5500SS-3,270(2)-3,270(4)-13AR90SS-R1	1.33	0.25	25
G08	MDW-5500SS-3,366(2)-3,i89(4)-13AR90SS-R1	1.37	0.21	21
G09	MDW-5500SS-3,270(2)-3,i89(4)-13AR90SS-R1	1.39	0.28	25
G10	MDW-5500SS-3,180(2)-3,180(4)-3,CL-13AR90SS-R1	0.97	0.34	38
G11	MDW-5500SS-3,180(2)-3,270(4)-3,CL-13AR90SS-R1	1.03	0.22	29
G12	MDW-5500SS-3,270(2)-3,180(4)-3,CL-13AR90SS-R1	1.05	0.25	31
G13	MDW-5500SS-3,366(2)-3,180(4)-3,CL-13AR90SS-R1	1.02	0.18	27
G14	MDW-5500SS-3,180(2)-3,CL-3,CL-13AR90SS-R1	1.33	0.46	37
G15	MDW-5500SS-3,270(2)-3,CL-3,CL-13AR90SS-R1	1.29	0.27	27
G16	MDW-5500SS-3,366(2)-3,CL-3,CL-13AR90SS-R1	1.28	0.20	23
G17	MDW-5500SS-3,270(2)-3,180(4)-3,i89(6)-13AR90SS-R1	0.97	0.25	32
G18	MDW-5500SS-3,270(2)-3,270(4)-3,i89(6)-13AR90SS-R1	0.96	0.22	31
G19	MDW-5500SS-3,180(2)-3,180(4)-3,i89(6)-13AR90SS-R1	0.99	0.42	42
G20	MDW-5500SS-3,366(2)-3,180(4)-3,i89(6)-13AR90SS-R1	0.97	0.19	29
G21	MDW-5500SS-3,366(2)-3,366(4)-3,i89(6)-13AR90SS-R1	0.94	0.16	28

**5500 Series Hung Window**

Glass / Grille Option #	Model Code	U-Value (W/m <sup>2</sup> K)	Product SHGC	Energy Rating
G01	MDW-5500SH-3,180(2)-3,CL-13AR90SS-R1	1.66	0.50	32
G02	MDW-5500SH-3,272(2)-3,CL-13AR90SS-R1	1.62	0.32	22
G03	MDW-5500SH-3,366(2)-3,CL-13AR90SS-R1	1.58	0.21	17
G04	MDW-5500SH-3,270(2)-3,CL-13AR90SS-R1	1.60	0.29	21
G05	MDW-5500SH-3,SB60(2)-3,CL-13AR90SS-R1	1.60	0.31	22
G06	MDW-5500SH-3,180(2)-3,180(4)-13AR90SS-R1	1.37	0.47	37
G07	MDW-5500SH-3,270(2)-3,270(4)-13AR90SS-R1	1.32	0.25	25
G08	MDW-5500SH-3,366(2)-3,i89(4)-13AR90SS-R1	1.36	0.21	22
G09	MDW-5500SH-3,270(2)-3,i89(4)-13AR90SS-R1	1.38	0.28	25
G10	MDW-5500SH-3,180(2)-3,180(4)-3,CL-13AR90SS-R1	0.97	0.34	38
G11	MDW-5500SH-3,180(2)-3,270(4)-3,CL-13AR90SS-R1	1.03	0.22	30
G12	MDW-5500SH-3,270(2)-3,180(4)-3,CL-13AR90SS-R1	1.06	0.25	31
G13	MDW-5500SH-3,366(2)-3,180(4)-3,CL-13AR90SS-R1	1.02	0.18	27
G14	MDW-5500SH-3,180(2)-3,CL-3,CL-13AR90SS-R1	1.33	0.46	37
G15	MDW-5500SH-3,270(2)-3,CL-3,CL-13AR90SS-R1	1.30	0.27	27
G16	MDW-5500SH-3,366(2)-3,CL-3,CL-13AR90SS-R1	1.28	0.20	23
G17	MDW-5500SH-3,270(2)-3,180(4)-3,i89(6)-13AR90SS-R1	0.98	0.25	32
G18	MDW-5500SH-3,270(2)-3,270(4)-3,i89(6)-13AR90SS-R1	0.96	0.22	31
G19	MDW-5500SH-3,180(2)-3,180(4)-3,i89(6)-13AR90SS-R1	0.99	0.42	42
G20	MDW-5500SH-3,366(2)-3,180(4)-3,i89(6)-13AR90SS-R1	0.97	0.19	29
G21	MDW-5500SH-3,366(2)-3,366(4)-3,i89(6)-13AR90SS-R1	0.94	0.16	28



**5500 Series Picture Window**

Glass / Grille Option #	Model Code	U-Value (W/m <sup>2</sup> K)	Product SHGC	Energy Rating
G01	MDW-5500PC-3,180(2)-3,CL-13AR90SS	1.54	0.55	37
G02	MDW-5500PC-3,272(2)-3,CL-13AR90SS	1.50	0.35	27
G03	MDW-5500PC-3,366(2)-3,CL-13AR90SS	1.45	0.23	21
G04	MDW-5500PC-3,270(2)-3,CL-13AR90SS	1.48	0.31	25
G05	MDW-5500PC-3,SB60(2)-3,CL-13AR90SS	1.48	0.34	27
G06	MDW-5500PC-3,180(2)-3,180(4)-13AR90SS	1.23	0.52	43
G07	MDW-5500PC-3,270(2)-3,270(4)-13AR90SS	1.17	0.28	30
G08	MDW-5500PC-3,366(2)-3,i89(4)-13AR90SS	1.21	0.23	26
G09	MDW-5500PC-3,270(2)-3,i89(4)-13AR90SS	1.23	0.31	30
G10	MDW-5500PC-3,180(2)-3,180(4)-3,CL-13AR90SS	0.80	0.37	43
G11	MDW-5500PC-3,180(2)-3,270(4)-3,CL-13AR90SS	0.87	0.24	34
G12	MDW-5500PC-3,270(2)-3,180(4)-3,CL-13AR90SS	0.90	0.28	36
G13	MDW-5500PC-3,366(2)-3,180(4)-3,CL-13AR90SS	0.86	0.19	32
G14	MDW-5500PC-3,180(2)-3,CL-3,CL-13AR90SS	1.20	0.51	43
G15	MDW-5500PC-3,270(2)-3,CL-3,CL-13AR90SS	1.16	0.29	31
G16	MDW-5500PC-3,366(2)-3,CL-3,CL-13AR90SS	1.15	0.22	27
G17	MDW-5500PC-3,270(2)-3,180(4)-3,i89(6)-13AR90SS	0.81	0.27	37
G18	MDW-5500PC-3,270(2)-3,270(4)-3,i89(6)-13AR90SS	0.79	0.24	36
G19	MDW-5500PC-3,180(2)-3,180(4)-3,i89(6)-13AR90SS	0.83	0.46	48
G20	MDW-5500PC-3,366(2)-3,180(4)-3,i89(6)-13AR90SS	0.80	0.20	33
G21	MDW-5500PC-3,366(2)-3,366(4)-3,i89(6)-13AR90SS	0.77	0.18	33

**Notes:**

- Products are not intended for installation in storefronts, non-operable portions of curtain wall, fixed glazing cast into precast concrete panels, greenhouses, skylights or sloped glazing.
- Test procedures are designed to test the performance of the test specimen only and are not necessarily used to test the performance of the installation, particularly the perimeter sealant joint and anchoring of the assembly.
- The materials, products or systems listed herein have been qualified to bear the QAI Listing Mark under the conditions stated with each Listing. Only those products bearing the QAI Listing Mark are considered to be listed by QAI.
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