



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 ED1
Effective Date: March 5, 2025
Last Revised Date: March 5, 2025
Expires: N/A

Standards: CSA A440.2-19 “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 ² 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



Glass / Grille Option #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
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 ² 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



Glass / Grille Option #	Model Code	U-Value (W/m ² K)	Product SHGC	Energy Rating
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 ² 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

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.



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