

WINDOWS & DOORS LISTING PROGRAM

Customer: Northerm Windows & Doors
Class: Fenestration Products – Energy Performance
Location: Whitehorse, Yukon
Website: www.northerm.yk.ca

Listing No. W528-1
Project No. W528-1 ED3
Effective Date: October 31, 2014
Last Revised Date: April 25, 2023
Expires: N/A

Standards: CSA A440.2 “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: W528
- 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:

3800 Series High-Profile Picture Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	NWD-3800HPC-3,CL-3,CL-3,270(5)-13AR91EE	1.12	0.33	N/A
G02	NWD-3800HPC-3,270(2)-3,CL-3,270(5)-13AR91EE	0.90	0.24	N/A
G03	NWD-3800HPC-4,CL-4,CL-4,270(5)-13AR91EE-11AR91EE	1.15	0.33	N/A
G04	NWD-3800HPC-4,270(2)-4,CL-4,270(5)-13AR91EE-11AR91EE	0.92	0.24	N/A
G05	NWD-3800HPC-5,CL-5,CL-5,270(5)-11AR91EE-10AR91EE	1.21	0.32	N/A
G06	NWD-3800HPC-5,270(2)-5,CL-5,270(5)-11AR91EE-10AR91EE	0.97	0.23	N/A

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G07	NWD-3800HPC-3,366(2)-3,CL-3,180(5)-13AR91EE	0.90	0.19	N/A
G08	NWD-3800HPC-4,366(2)-4,CL-4,180(5)-11AR91EE	0.93	0.19	N/A
G09	NWD-3800HPC-5,366(2)-5,CL-5,180(5)-10AR91EE	1.00	0.19	N/A

3800 Series Low-Profile Picture Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	NWD-3800LPC-3,CL-3,CL-3,270(5)-13AR91EE	1.08	0.37	38
G02	NWD-3800LPC-3,270(2)-3,CL-3,270(5)-13AR91EE	0.82	0.27	38
G03	NWD-3800LPC-4,CL-4,CL-4,270(5)-13AR91EE-11AR91EE	1.10	0.37	37
G04	NWD-3800LPC-4,270(2)-4,CL-4,270(5)-13AR91EE-11AR91EE	0.85	0.26	36
G05	NWD-3800LPC-5,CL-5,CL-5,270(5)-11AR91EE-10AR91EE	1.17	0.36	35
G06	NWD-3800LPC-5,270(2)-5,CL-5,270(5)-11AR91EE-10AR91EE	0.90	0.26	35
G07	NWD-3800LPC-3,366(2)-3,CL-3,180(5)-13AR91EE	0.83	0.21	34
G08	NWD-3800LPC-4,366(2)-4,CL-4,180(5)-11AR91EE	0.86	0.21	33
G09	NWD-3800LPC-5,366(2)-5,CL-5,180(5)-10AR91EE	0.93	0.21	32

3800 Series Casement Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	NWD-3800CA-3,CL-3,CL-3,270(5)-13AR91EE	1.17	0.28	30
G02	NWD-3800CA-3,270(2)-3,CL-3,270(5)-13AR91EE	0.98	0.20	30
G03	NWD-3800CA-4,CL-4,CL-4,270(5)-13AR91EE-11AR91EE	1.20	0.28	30
G04	NWD-3800CA-4,270(2)-4,CL-4,270(5)-13AR91EE-11AR91EE	1.00	0.20	29
G05	NWD-3800CA-5,CL-5,CL-5,270(5)-11AR91EE-10AR91EE	1.25	0.27	28
G06	NWD-3800CA-5,270(2)-5,CL-5,270(5)-11AR91EE-10AR91EE	1.05	0.20	28
G07	NWD-3800CA-3,366(2)-3,CL-3,180(5)-13AR91EE	1.00	0.16	27
G08	NWD-3800CA-4,366(2)-4,CL-4,180(5)-11AR91EE	1.04	0.16	26
G09	NWD-3800CA-5,366(2)-5,CL-5,180(5)-10AR91EE	1.09	0.16	25

3800 Series Awning Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	NWD-3800AW-3,CL-3,CL-3,270(5)-13AR91EE	1.19	0.28	30
G02	NWD-3800AW-3,270(2)-3,CL-3,270(5)-13AR91EE	0.99	0.20	30
G03	NWD-3800AW-4,CL-4,CL-4,270(5)-13AR91EE-11AR91EE	1.21	0.28	29

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G04	NWD-3800AW-4,270(2)-4,CL-4,270(5)-13AR91EE-11AR91EE	1.02	0.20	29
G05	NWD-3800AW-5,CL-5,CL-5,270(5)-11AR91EE-10AR91EE	1.27	0.27	28
G06	NWD-3800AW-5,270(2)-5,CL-5,270(5)-11AR91EE-10AR91EE	1.06	0.20	28
G07	NWD-3800AW-3,366(2)-3,CL-3,180(5)-13AR91EE	1.00	0.16	27
G08	NWD-3800AW-4,366(2)-4,CL-4,180(5)-11AR91EE	1.03	0.16	26
G09	NWD-3800AW-5,366(2)-5,CL-5,180(5)-10AR91EE	1.06	0.16	26

4000 Series High-Profile Picture Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	NWD-4000HPC-3,CL-3,CL-3,270(5)-13AR91EE	1.09	0.32	N/A
G02	NWD-4000HPC-3,270(2)-3,CL-3,270(5)-13AR91EE	0.87	0.23	N/A
G03	NWD-4000HPC-4,CL-4,CL-4,270(5)-13AR91EE-11AR91EE	1.11	0.32	N/A
G04	NWD-4000HPC-4,270(2)-4,CL-4,270(5)-13AR91EE-11AR91EE	0.89	0.23	N/A
G05	NWD-4000HPC-5,CL-5,CL-5,270(5)-11AR91EE-10AR91EE	1.17	0.31	N/A
G06	NWD-4000HPC-5,270(2)-5,CL-5,270(5)-11AR91EE-10AR91EE	0.94	0.23	N/A
G07	NWD-4000HPC-3,CL-3,CL-3,CL-3,270(7)-13AR91EE	0.92	0.31	N/A
G08	NWD-4000HPC-3,270(2)-3,CL-3,CL-3,270(7)-13AR91EE	0.77	0.22	N/A
G09	NWD-4000HPC-4,CL-4,CL-4,CL-4,270(7)-13AR91EE-11AR91EE	0.95	0.30	N/A
G10	NWD-4000HPC-4,270(2)-4,CL-4,CL-4,270(7)-13AR91EE-11AR91EE	0.80	0.21	N/A
G11	NWD-4000HPC-5,CL-5,CL-5,CL-5,270(7)-10AR91EE-11AR91EE	0.97	0.30	N/A
G12	NWD-4000HPC-5,270(2)-5,CL-5,CL-5,270(7)-10AR91EE-11AR91EE	0.83	0.21	N/A

4000 Series Low-Profile Picture Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	NWD-4000LPC-3,CL-3,CL-3,270(5)-13AR91EE	1.08	0.36	37
G02	NWD-4000LPC-3,270(2)-3,CL-3,270(5)-13AR91EE	0.84	0.26	36
G03	NWD-4000LPC-4,CL-4,CL-4,270(5)-13AR91EE-11AR91EE	1.11	0.35	36
G04	NWD-4000LPC-4,270(2)-4,CL-4,270(5)-13AR91EE-11AR91EE	0.86	0.26	36
G05	NWD-4000LPC-5,CL-5,CL-5,270(5)-11AR91EE-10AR91EE	1.18	0.35	34
G06	NWD-4000LPC-5,270(2)-5,CL-5,270(5)-11AR91EE-10AR91EE	0.92	0.25	34
G07	NWD-4000LPC-3,CL-3,CL-3,CL-3,270(7)-13AR91EE	0.90	0.34	40
G08	NWD-4000LPC-3,270(2)-3,CL-3,CL-3,270(7)-13AR91EE	0.73	0.24	38
G09	NWD-4000LPC-4,CL-4,CL-4,CL-4,270(7)-13AR91EE-11AR91EE	0.93	0.34	39
G10	NWD-4000LPC-4,270(2)-4,CL-4,CL-4,270(7)-13AR91EE-11AR91EE	0.76	0.24	37
G11	NWD-4000LPC-5,CL-5,CL-5,CL-5,270(7)-10AR91EE-11AR91EE	0.95	0.33	38
G12	NWD-4000LPC-5,270(2)-5,CL-5,CL-5,270(7)-10AR91EE-11AR91EE	0.80	0.23	36

4000 Series Casement Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	NWD-4000CA-3,CL-3,CL-3,270(5)-13AR91EE	1.15	0.26	29
G02	NWD-4000CA-3,270(2)-3,CL-3,270(5)-13AR91EE	0.97	0.19	29
G03	NWD-4000CA-4,CL-4,CL-4,270(5)-13AR91EE-11AR91EE	1.17	0.26	29
G04	NWD-4000CA-4,270(2)-4,CL-4,270(5)-13AR91EE-11AR91EE	0.99	0.19	29
G05	NWD-4000CA-5,CL-5,CL-5,270(5)-11AR91EE-10AR91EE	1.22	0.26	28
G06	NWD-4000CA-5,270(2)-5,CL-5,270(5)-11AR91EE-10AR91EE	1.03	0.19	28
G07	NWD-4000CA-3,CL-3,CL-3,CL-3,270(7)-13AR91EE	0.99	0.25	32
G08	NWD-4000CA-3,270(2)-3,CL-3,CL-3,270(7)-13AR91EE	0.87	0.18	31
G09	NWD-4000CA-4,CL-4,CL-4,CL-4,270(7)-13AR91EE-11AR91EE	1.02	0.25	32
G10	NWD-4000CA-4,270(2)-4,CL-4,CL-4,270(7)-13AR91EE-11AR91EE	0.89	0.17	30
G11	NWD-4000CA-5,CL-5,CL-5,CL-5,270(7)-10AR91EE-11AR91EE	1.03	0.24	31
G12	NWD-4000CA-5,270(2)-5,CL-5,CL-5,270(7)-10AR91EE-11AR91EE	0.92	0.17	29

4000 Series Awning Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	NWD-4000AW-3,CL-3,CL-3,270(5)-13AR91EE	1.15	0.26	29
G02	NWD-4000AW-3,270(2)-3,CL-3,270(5)-13AR91EE	0.97	0.19	29
G03	NWD-4000AW-4,CL-4,CL-4,270(5)-13AR91EE-11AR91EE	1.18	0.26	29
G04	NWD-4000AW-4,270(2)-4,CL-4,270(5)-13AR91EE-11AR91EE	1.00	0.19	28
G05	NWD-4000AW-5,CL-5,CL-5,270(5)-11AR91EE-10AR91EE	1.23	0.26	27
G06	NWD-4000AW-5,270(2)-5,CL-5,270(5)-11AR91EE-10AR91EE	1.04	0.19	28
G07	NWD-4000AW-3,CL-3,CL-3,CL-3,270(7)-13AR91EE	1.00	0.25	32
G08	NWD-4000AW-3,270(2)-3,CL-3,CL-3,270(7)-13AR91EE	0.87	0.18	31
G09	NWD-4000AW-4,CL-4,CL-4,CL-4,270(7)-13AR91EE-11AR91EE	1.03	0.25	31
G10	NWD-4000AW-4,270(2)-4,CL-4,CL-4,270(7)-13AR91EE-11AR91EE	0.90	0.17	30
G11	NWD-4000AW-5,CL-5,CL-5,CL-5,270(7)-10AR91EE-11AR91EE	1.04	0.24	30
G12	NWD-4000AW-5,270(2)-5,CL-5,CL-5,270(7)-10AR91EE-11AR91EE	0.93	0.17	29

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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