

WINDOWS & DOORS LISTING PROGRAM

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

Listing No. W528-1
Project No. W528-1 ED2
Effective Date: October 31, 2014
Last Revised Date: March 25, 2021
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: 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

Model Code	U-Value (W/m²K)	Energy Rating
NWD-3800-Hi-PC-3,CL-3,CL-3,270(5)-13AR91EE	1.12	N/A
NWD-3800-Hi-PC-3,270(2)-3,CL-3,270(5)-13AR91EE	0.90	N/A
NWD-3800-Hi-PC-4,CL-4,CL-4,270(5)-13AR91EE-11AR91EE	1.15	N/A
NWD-3800-Hi-PC-4,270(2)-4,CL-4,270(5)-13AR91EE-11AR91EE	0.92	N/A
NWD-3800-Hi-PC-5,CL-5,CL-5,270(5)-11AR91EE-9AR91EE	1.21	N/A
NWD-3800-Hi-PC-5,270(2)-5,CL-5,270(5)-11AR91EE-9AR91EE	0.97	N/A

3800 Series Low-Profile Picture Window

Model Code	U-Value (W/m ² K)	Energy Rating
NWD-3800-Lo-PC-3,CL-3,CL-3,270(5)-13AR91EE	1.08	38
NWD-3800-Lo-PC-3,270(2)-3,CL-3,270(5)-13AR91EE	0.82	38
NWD-3800-Lo-PC-4,CL-4,CL-4,270(5)-13AR91EE-11AR91EE	1.10	37
NWD-3800-Lo-PC-4,270(2)-4,CL-4,270(5)-13AR91EE-11AR91EE	0.85	36
NWD-3800-Lo-PC-5,CL-5,CL-5,270(5)-11AR91EE-9AR91EE	1.17	35
NWD-3800-Lo-PC-5,270(2)-5,CL-5,270(5)-11AR91EE-9AR91EE	0.90	35

3800 Series Casement Window

Model Code	U-Value (W/m ² K)	Energy Rating
NWD-3800-CA-3,CL-3,CL-3,270(5)-13AR91EE	1.17	30
NWD-3800-CA-3,270(2)-3,CL-3,270(5)-13AR91EE	0.98	30
NWD-3800-CA-4,CL-4,CL-4,270(5)-13AR91EE-11AR91EE	1.20	30
NWD-3800-CA-4,270(2)-4,CL-4,270(5)-13AR91EE-11AR91EE	1.00	29
NWD-3800-CA-5,CL-5,CL-5,270(5)-11AR91EE-9AR91EE	1.25	28
NWD-3800-CA-5,270(2)-5,CL-5,270(5)-11AR91EE-9AR91EE	1.05	28

3800 Series Awning Window

Model Code	U-Value (W/m ² K)	Energy Rating
NWD-3800-AW-3,CL-3,CL-3,270(5)-13AR91EE	1.19	30
NWD-3800-AW-3,270(2)-3,CL-3,270(5)-13AR91EE	0.99	30
NWD-3800-AW-4,CL-4,CL-4,270(5)-13AR91EE-11AR91EE	1.21	29
NWD-3800-AW-4,270(2)-4,CL-4,270(5)-13AR91EE-11AR91EE	1.02	29
NWD-3800-AW-5,CL-5,CL-5,270(5)-11AR91EE-9AR91EE	1.27	28
NWD-3800-AW-5,270(2)-5,CL-5,270(5)-11AR91EE-9AR91EE	1.06	28

4000 Series High-Profile Picture Window

Model Code	U-Value (W/m ² K)	Energy Rating
NWD-4000-Hi-PC-3,CL-3,CL-3,270(5)-13AR91EE	1.09	N/A
NWD-4000-Hi-PC-3,270(2)-3,CL-3,270(5)-13AR91EE	0.87	N/A
NWD-4000-Hi-PC-4,CL-4,CL-4,270(5)-13AR91EE-11AR91EE	1.11	N/A

Model Code	U-Value (W/m ² K)	Energy Rating
NWD-4000-Hi-PC-4,270(2)-4,CL-4,270(5)-13AR91EE-11AR91EE	0.89	N/A
NWD-4000-Hi-PC-5,CL-5,CL-5,270(5)-11AR91EE-9AR91EE	1.17	N/A
NWD-4000-Hi-PC-5,270(2)-5,CL-5,270(5)-11AR91EE-9AR91EE	0.94	N/A
NWD-4000-Hi-PC-3,CL-3,CL-3,CL-3,270(7)-13AR91EE	0.92	N/A
NWD-4000-Hi-PC-3,270(2)-3,CL-3,CL-3,270(7)-13AR91EE	0.77	N/A
NWD-4000-Hi-PC-4,CL-4,CL-4,CL-4,270(7)-13AR91EE-11AR91EE	0.95	N/A
NWD-4000-Hi-PC-4,270(2)-4,CL-4,CL-4,270(7)-13AR91EE-11AR91EE	0.80	N/A
NWD-4000-Hi-PC-5,CL-5,CL-5,CL-5,270(7)-11AR91EE-9AR91EE	0.97	N/A
NWD-4000-Hi-PC-5,270(2)-5,CL-5,CL-5,270(7)-11AR91EE-9AR91EE	0.83	N/A

4000 Series Low-Profile Picture Window

Model Code	U-Value (W/m ² K)	Energy Rating
NWD-4000-Lo-PC-3,CL-3,CL-3,270(5)-13AR91EE	1.08	37
NWD-4000-Lo-PC-3,270(2)-3,CL-3,270(5)-13AR91EE	0.84	36
NWD-4000-Lo-PC-4,CL-4,CL-4,270(5)-13AR91EE-11AR91EE	1.11	36
NWD-4000-Lo-PC-4,270(2)-4,CL-4,270(5)-13AR91EE-11AR91EE	0.86	36
NWD-4000-Lo-PC-5,CL-5,CL-5,270(5)-11AR91EE-9AR91EE	1.18	34
NWD-4000-Lo-PC-5,270(2)-5,CL-5,270(5)-11AR91EE-9AR91EE	0.92	34
NWD-4000-Lo-PC-3,CL-3,CL-3,CL-3,270(7)-13AR91EE	0.90	40
NWD-4000-Lo-PC-3,270(2)-3,CL-3,CL-3,270(7)-13AR91EE	0.73	38
NWD-4000-Lo-PC-4,CL-4,CL-4,CL-4,270(7)-13AR91EE-11AR91EE	0.93	39
NWD-4000-Lo-PC-4,270(2)-4,CL-4,CL-4,270(7)-13AR91EE-11AR91EE	0.76	37
NWD-4000-Lo-PC-5,CL-5,CL-5,CL-5,270(7)-11AR91EE-9AR91EE	0.95	38
NWD-4000-Lo-PC-5,270(2)-5,CL-5,CL-5,270(7)-11AR91EE-9AR91EE	0.80	36

4000 Series Casement Window

Model Code	U-Value (W/m ² K)	Energy Rating
NWD-4000-CA-3,CL-3,CL-3,270(5)-13AR91EE	1.15	29
NWD-4000-CA-3,270(2)-3,CL-3,270(5)-13AR91EE	0.97	29
NWD-4000-CA-4,CL-4,CL-4,270(5)-13AR91EE-11AR91EE	1.17	29
NWD-4000-CA-4,270(2)-4,CL-4,270(5)-13AR91EE-11AR91EE	0.99	29
NWD-4000-CA-5,CL-5,CL-5,270(5)-11AR91EE-9AR91EE	1.22	28
NWD-4000-CA-5,270(2)-5,CL-5,270(5)-11AR91EE-9AR91EE	1.03	28
NWD-4000-CA-3,CL-3,CL-3,CL-3,270(7)-13AR91EE	0.99	32
NWD-4000-CA-3,270(2)-3,CL-3,CL-3,270(7)-13AR91EE	0.87	31
NWD-4000-CA-4,CL-4,CL-4,CL-4,270(7)-13AR91EE-11AR91EE	1.02	32

Model Code	U-Value (W/m ² K)	Energy Rating
NWD-4000-CA-4,270(2)-4,CL-4,CL-4,270(7)-13AR91EE-11AR91EE	0.89	30
NWD-4000-CA-5,CL-5,CL-5,CL-5,270(7)-11AR91EE-9AR91EE	1.03	31
NWD-4000-CA-5,270(2)-5,CL-5,CL-5,270(7)-11AR91EE-9AR91EE	0.92	29

4000 Series Awning Window

Model Code	U-Value (W/m ² K)	Energy Rating
NWD-4000-AW-3,CL-3,CL-3,270(5)-13AR91EE	1.15	29
NWD-4000-AW-3,270(2)-3,CL-3,270(5)-13AR91EE	0.97	29
NWD-4000-AW-4,CL-4,CL-4,270(5)-13AR91EE-11AR91EE	1.18	29
NWD-4000-AW-4,270(2)-4,CL-4,270(5)-13AR91EE-11AR91EE	1.00	28
NWD-4000-AW-5,CL-5,CL-5,270(5)-11AR91EE-9AR91EE	1.23	27
NWD-4000-AW-5,270(2)-5,CL-5,270(5)-11AR91EE-9AR91EE	1.04	28
NWD-4000-AW-3,CL-3,CL-3,CL-3,270(7)-13AR91EE	1.00	32
NWD-4000-AW-3,270(2)-3,CL-3,CL-3,270(7)-13AR91EE	0.87	31
NWD-4000-AW-4,CL-4,CL-4,CL-4,270(7)-13AR91EE-11AR91EE	1.03	31
NWD-4000-AW-4,270(2)-4,CL-4,CL-4,270(7)-13AR91EE-11AR91EE	0.90	30
NWD-4000-AW-5,CL-5,CL-5,CL-5,270(7)-11AR91EE-9AR91EE	1.04	30
NWD-4000-AW-5,270(2)-5,CL-5,CL-5,270(7)-11AR91EE-9AR91EE	0.93	29

Notes: Windows and doors 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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