

WINDOWS & DOORS LISTING PROGRAM

Customer: NFB Manufacturing
Class: Fenestration Products – Energy Performance
Location: Elmira, Ontario
Website: N/A

Listing No. W561-1
Report No. W561-1 ED2
Project No. W561-1 ED2
Effective Date: May 28, 2018
Last Revised Date: July 20, 2018
Expires: N/A

Standards: CSA A440.2-14 “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: W561
- 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:

A Series Low Fixed Window

Model Code	U-Value (W/m ² K)	Energy Rating
NFB-APC1-3,CL-13AR90DL-3,ENAD(3)	1.65	41
NFB-APC1-3,CL-13AR90DL-3,ENAD(3)-G<1	1.65	37

A Series Large Fixed Window

Model Code	U-Value (W/m ² K)	Energy Rating
NFB-APC2-3,CL-13AR90DL-3,ENAD(3)	1.62	37
NFB-APC2-3,CL-13AR90DL-3,ENAD(3)-G<1	1.62	33

A Series Casement Window

Model Code	U-Value (W/m ² K)	Energy Rating
NFB-ACA-3,CL-13AR90DL-3,ENAD(3)	1.58	32
NFB-ACA-3,CL-13AR90DL-3,ENAD(3)-G<1	1.58	30

A Series Awning Window

Model Code	U-Value (W/m ² K)	Energy Rating
NFB-AAW-3,CL-13AR90DL-3,ENAD(3)	1.60	31
NFB-AAW-3,CL-13AR90DL-3,ENAD(3)-G<1	1.60	29

B Series Double Hung Window

Model Code	U-Value (W/m ² K)	Energy Rating
NFB-BDH-3,CL-13AR90DL-3,ENAD(3)	1.72	33
NFB-BDH-3,CL-13AR90DL-3,ENAD(3)-G<1	1.72	30

B Series Double Slider Window

Model Code	U-Value (W/m ² K)	Energy Rating
NFB-BDS-3,CL-13AR90DL-3,ENAD(3)	1.74	34
NFB-BDS-3,CL-13AR90DL-3,ENAD(3)-G<1	1.74	30

C Series Single Hung Window

Model Code	U-Value (W/m ² K)	Energy Rating
NFB-CSH-3,CL-13AR90DL-3,ENAD(3)	1.71	N/A*
NFB-CSH-3,CL-13AR90DL-3,ENAD(3)-G<1	1.71	N/A*

C Series Single Slider Window

Model Code	U-Value (W/m ² K)	Energy Rating
NFB-CSS-3,CL-13AR90DL-3,ENAD(3)	1.72	N/A*
NFB-CSS-3,CL-13AR90DL-3,ENAD(3)-G<1	1.72	N/A*

* **Note:** At the request of the client, the noted products were not evaluated for Air Leakage therefore the Energy Rating (ER) calculation was not performed.

Notes: Windows 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. No warrantee is expressed or implied, and no guarantee is provided that any jurisdictional authority will accept the Listing found herein. The appropriate authorities should be contacted regarding the acceptability of any given Listing. Visit the QAI Online Listing Directory located at www.qai.org for the most up to date version of this Listing and to validate that this QAI Listing is active. Questions regarding this listing may be directed to info@qai.org. Please include the listing number in the request.