

WINDOWS LISTING PROGRAM

Customer: Ontario Aluminum & Glass Ltd.
 Class: Windows – Energy Performance
 Location: Toronto, ON
 Website: www.ontarioaluminum.com

Listing No. W544
 Project No. W544-1 Edition 1

Effective Date: February 20, 2017
 Last Revised Date: February 20, 2017
 Expires: N/A

Standards: CSA A440.2 Energy Performance of Windows and other Fenestration Systems

Product: Vinyl Windows

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

- a) Manufacturer’s name or trademark
- b) QAI logo with ‘c’ identifier
- c) QAI file Number: W544-1
- d) The wording “Evaluated for energy performance in accordance with CSA A440.2”
- e) The wording “Évalué pour la performance d’énergie en accord à la norme CSA A440.2”

Models / Ratings: Vinyl Low Fixed Window

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
OAG-VLFW-LFIX-3,CL-3,0.16(3)-13,Ar	1.76	37
OAG-VLFW-LFIX-3,CL-3,0.16(3)-13,Ar-S	1.76	34
OAG-VLFW-LFIX-3,0.16(2)-3,0.16(4)-13,Ar	1.47	39
OAG-VLFW-LFIX-3,0.16(2)-3,0.16(4)-13,Ar-S	1.47	36

Vinyl High Fixed Window

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
OAG-VHFW-HFIX-3,CL-3,0.16(3)-13,Ar	1.63	37
OAG-VHFW-HFIX-3,CL-3,0.16(3)-13,Ar-S	1.63	34
OAG-VHFW-HFIX-3,0.16(2)-3,0.16(4)-13,Ar	1.36	39
OAG-VHFW-HFIX-3,0.16(2)-3,0.16(4)-13,Ar-S	1.36	35

Vinyl Casement Window

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
OAG-VCW-CAS-3,CL-3,0.16(3)-13,Ar	1.59	33
OAG-VCW-CAS-3,CL-3,0.16(3)-13,Ar-S	1.59	30
OAG-VCW-CAS-3,0.16(2)-3,0.16(4)-13,Ar	1.37	34
OAG-VCW-CAS-3,0.16(2)-3,0.16(4)-13,Ar-S	1.37	31

Vinyl Awning Window

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
OAG-VAW-AWN-3,CL-3,0.16(3)-13,Ar	1.6	33
OAG-VAW-AWN-3,CL-3,0.16(3)-13,Ar-S	1.6	30
OAG-VAW-AWN-3,0.16(2)-3,0.16(4)-13,Ar	1.4	33
OAG-VAW-AWN-3,0.16(2)-3,0.16(4)-13,Ar-S	1.4	31

Vinyl Double Slider Window

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
OAG-VDSW-HS-3,CL-3,0.16(3)-13,Ar	1.77	33
OAG-VDSW-HS-3,CL-3,0.16(3)-13,Ar-S	1.81	29
OAG-VDSW-HS-3,0.16(2)-3,0.16(4)-13,Ar	1.51	34
OAG-VDSW-HS-3,0.16(2)-3,0.16(4)-13,Ar-S	1.54	31

Vinyl Single Hung Window

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
OAG-VSHW-VS-3,CL-3,0.16(3)-13,Ar	1.79	34
OAG-VSHW-VS-3,CL-3,0.16(3)-13,Ar-S	1.83	30
OAG-VSHW-VS-3,0.16(2)-3,0.16(4)-13,Ar	1.51	35
OAG-VSHW-VS-3,0.16(2)-3,0.16(4)-13,Ar-S	1.55	32

Vinyl Single Slider Window

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
OAG-VSSW-HS-3,CL-3,0.16(3)-13,Ar	1.79	33
OAG-VSSW-HS-3,CL-3,0.16(3)-13,Ar-S	1.83	30
OAG-VSSW-HS-3,0.16(2)-3,0.16(4)-13,Ar	1.52	35
OAG-VSSW-HS-3,0.16(2)-3,0.16(4)-13,Ar-S	1.55	32

Vinyl Double Hung Window

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
OAG-VDHW-VS-3,CL-3,0.16(3)-13,Ar	1.78	30
OAG-VDHW-VS-3,CL-3,0.16(3)-13,Ar-S	1.78	27
OAG-VDHW-VS-3,0.16(2)-3,0.16(4)-13,Ar	1.51	32
OAG-VDHW-VS-3,0.16(2)-3,0.16(4)-13,Ar-S	1.51	29

Notes: Listed products meet the energy requirements of the standards listed above. 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.

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