



KEYSTONE CERTIFICATIONS, INC.
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Notice of Product Certification Authorization

National Fenestration Rating Council

Issued To:

Manufacturer: Cascadia Windows, Ltd.
Address: #101 - 5350B 275th Street
Langley BC V4W 0C1
Man'f Code CWL
Cert Date: 8/23/2017

Certification Number

10398

Product Line Number

CWL - K - 024

Revision Date

8/23/2017

The Following NFRC Product Line Has Been Authorized For Certification:

Model / Series: Universal Series Inswing Hopper Window
Operator Type: PRAW
Frame Type: FF
Sash Type: FF
Exp. Date: 6/29/2022

Ratings Authorized For Certification:

Rating	Property	Authorized
NFRC 100	U-factor	<input checked="" type="checkbox"/>
NFRC 200	Solar Heat Gain Coefficient	<input checked="" type="checkbox"/>
NFRC 200	Visible Light	<input checked="" type="checkbox"/>
NFRC 400	Air Leakage	<input checked="" type="checkbox"/>
NFRC 500	Condensation Resistance	<input checked="" type="checkbox"/>

Fenestration products are not NFRC Certified unless manufactured and labeled in accordance with the current version of NFRC-700, Product Certification Program requirements.

***This is a cover sheet for an NFRC Certification Authorization Report (CAR)
the corresponding CAR may be downloaded for printing at www.nfrc.org.***

The Manufacturer is authorized to label the options listed in the corresponding CAR.

Please notify Keystone of any errors or omissions within 10 days of receipt.

Due diligence was used in authorizing these products for certification. By accepting this report the licensee agrees to hold harmless and indemnify Keystone Certifications, Inc. from all claims or liabilities which may arise based on this certification authorization. Certification authorization is based on NFRC program requirements and simulation and test reports from accredited laboratories.



NFRC Product Certificate of Authorization

Manufacturer:	Cascadia Windows Ltd.	Product Series:	Universal Series Inswing Hopper Window
Street:	Unit 101, 5350 B 275th Street	Product Type:	PRAW
City/State/Zip:	Langley, BC V4W 0C1		
Simulation Lab:	SATI	Test Lab:	TATW
Sim Report #:	H1457.01-116-45	Test Report #:	H1456.01-901-46
Sim Report Date:	06/30/2017	Test Date:	06/29/2017
Revised Date:	06/30/2017	Revised Date:	07/06/2017
Auth. Ratings:	U-Factor, SHGC, VT, CR, Air Leakage	Test Method:	NFRC 102
Procedural Year:	2014	Procedural Year:	2014

Initial Certification Date: 08/23/2017

Re-Certification Date:

Expiration Date: 06/29/2022

CPD Product Line Number: CWL-K-24

http://search.nfrc.org/search/cpd/cpd_search_detail.aspx?cpdnum=CWL-K-24

Product Number Range: 00001-00001 to 00027-00003

Comments:

90% Arg-10% Air SP/DP

I hereby certify that all requirements for NFRC Certification Authorization have been met and that the above information is true and correct, to the best of my knowledge.

Authorized IA Signature: