

# Directory of Listed Products



## WINDOWS LISTING PROGRAM

**Class:** Windows – Vinyl – Energy Performance

**Customer:** Window Force Inc.

**Location:** Toronto, ON

**Listing No.:** W535-1

**Project No.:**

**Effective Date:** January 19, 2015

**Last Revised:** May 24, 2019

**Expires:** N/A

**Standards:** CSA A440.2 "Fenestration Energy Performance"

**Product:** Vinyl Windows

**Markings:** Each product is marked with the following content on a permanent label that is readily visible after installation:

- Manufacturer's Name, Trademark or other recognized symbol of identification
- File number (W535)
- QAI logo with "c" indicator
- Standard: CSA A440.2 "Fenestration Energy Performance"
- "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:** Vinyl Windows with glazing options as follows:

### L Series - Casement Window

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
CAS_IS_ClrCard-Arg90-Card180#3_3mm	1.55	31
CAS_IS_ClrCard-Arg90-Card180#3_3mm_Pencil	1.55	29
CAS_IS_ClrCard-Arg90-Card180#3_3mm_Rect1/4x3/8	1.55	29
CAS_IS_ClrCard-Arg90-Card180#3_3mm_Rect1/4x5/8	1.55	29
CAS_IS_ClrCard-Arg90-Card180#3_4mm	1.54	31
CAS_IS_ClrCard-Arg90-Card180#3_4mm_Pencil	1.57	28
CAS_IS_ClrCard-Arg90-Card180#3_4mm_Rect1/4x3/8	1.54	28
CAS_IS_ClrCard-Arg90-Card180#3_4mm_Rect1/4x5/8	1.54	28
CAS_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_3mm	1.26	36
CAS_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_3mm_Pencil	1.27	33
CAS_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_3mm_Rect1/4x3/8	1.26	33
CAS_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_3mm_Rect1/4x5/8	1.26	33
CAS_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_4mm	1.28	34
CAS_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_4mm_Pencil	1.29	32
CAS_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_4mm_Rect1/4x3/8	1.29	32
CAS_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_4mm_Rect1/4x5/8	1.30	32

### L Series - Awning Window

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
AWN_IS_ClrCard-Arg90-Card180#3_3mm	1.56	30
AWN_IS_ClrCard-Arg90-Card180#3_3mm_Pencil	1.56	28
AWN_IS_ClrCard-Arg90-Card180#3_3mm_Rect1/4x3/8	1.56	28
AWN_IS_ClrCard-Arg90-Card180#3_3mm_Rect1/4x5/8	1.56	28
AWN_IS_ClrCard-Arg90-Card180#3_4mm	1.56	30
AWN_IS_ClrCard-Arg90-Card180#3_4mm_Pencil	1.57	27
AWN_IS_ClrCard-Arg90-Card180#3_4mm_Rect1/4x3/8	1.56	27
AWN_IS_ClrCard-Arg90-Card180#3_4mm_Rect1/4x5/8	1.56	27
AWN_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_3mm	1.27	35
AWN_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_3mm_Pencil	1.27	33
AWN_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_3mm_Rect1/4x3/8	1.27	33
AWN_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_3mm_Rect1/4x5/8	1.27	33
AWN_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_4mm	1.28	34
AWN_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_4mm_Pencil	1.29	32
AWN_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_4mm_Rect1/4x3/8	1.29	32
AWN_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_4mm_Rect1/4x5/8	1.29	32

**L Series - Large Fixed Window**

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
LF_IS_ClrCard-Arg90-Card180#3_3mm	1.55	36
LF_IS_ClrCard-Arg90-Card180#3_3mm_Pencil	1.55	33
LF_IS_ClrCard-Arg90-Card180#3_3mm_Rect1/4x3/8	1.55	33
LF_IS_ClrCard-Arg90-Card180#3_3mm_Rect1/4x5/8	1.55	33
LF_IS_ClrCard-Arg90-Card180#3_4mm	1.54	36
LF_IS_ClrCard-Arg90-Card180#3_4mm_Pencil	1.57	32
LF_IS_ClrCard-Arg90-Card180#3_4mm_Rect1/4x3/8	1.54	33
LF_IS_ClrCard-Arg90-Card180#3_4mm_Rect1/4x5/8	1.54	33
LF_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_3mm	1.23	41
LF_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_3mm_Pencil	1.24	38
LF_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_3mm_Rect1/4x3/8	1.23	38
LF_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_3mm_Rect1/4x5/8	1.23	38
LF_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_4mm	1.24	40
LF_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_4mm_Pencil	1.26	37
LF_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_4mm_Rect1/4x3/8	1.26	37
LF_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_4mm_Rect1/4x5/8	1.27	36

**L Series - Small Fixed Window**

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
SF_IS_ClrCard-Arg90-Card180#3_3mm	1.59	39
SF_IS_ClrCard-Arg90-Card180#3_3mm_Pencil	1.59	36
SF_IS_ClrCard-Arg90-Card180#3_3mm_Rect1/4x3/8	1.59	36
SF_IS_ClrCard-Arg90-Card180#3_3mm_Rect1/4x5/8	1.59	36
SF_IS_ClrCard-Arg90-Card180#3_4mm	1.57	39
SF_IS_ClrCard-Arg90-Card180#3_4mm_Pencil	1.61	35
SF_IS_ClrCard-Arg90-Card180#3_4mm_Rect1/4x3/8	1.57	36
SF_IS_ClrCard-Arg90-Card180#3_4mm_Rect1/4x5/8	1.57	36
SF_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_3mm	1.23	44
SF_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_3mm_Pencil	1.24	41
SF_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_3mm_Rect1/4x3/8	1.23	41
SF_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_3mm_Rect1/4x5/8	1.23	41
SF_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_4mm	1.24	43
SF_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_4mm_Pencil	1.26	40
SF_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_4mm_Rect1/4x3/8	1.27	39
SF_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard_4mm_Rect1/4x5/8	1.27	39

**L Series - Single Slider Tilt Window**

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
SST_IS_ClrCard-Arg90-Card180#3	1.73	31
SST_IS_ClrCard-Arg90-Card180#3_Pencil	1.73	28
SST_IS_ClrCard-Arg90-Card180#3_Rectangular1/4x3/8	1.73	28
SST_IS_ClrCard-Arg90-Card180#3_Rectangular1/4x5/8	1.73	28
SST_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard	1.66	30

**L Series - Single Hung Tilt Window**

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
SHT_IS_ClrCard-Arg90-Card180#3	1.72	32
SHT_IS_ClrCard-Arg90-Card180#3_Pencil	1.72	29
SHT_IS_ClrCard-Arg90-Card180#3_Rectangular1/4x3/8	1.72	29
SHT_IS_ClrCard-Arg90-Card180#3_Rectangular1/4x5/8	1.72	29
SHT_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard	1.68	30

**L Series - Single Slider Lift Out Window**

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
SSLO_IS_ClrCard-Arg90-Card180#3	1.72	31
SSLO_IS_ClrCard-Arg90-Card180#3_Pencil	1.72	28
SSLO_IS_ClrCard-Arg90-Card180#3_Rectangular1/4x3/8	1.72	28
SSLO_IS_ClrCard-Arg90-Card180#3_Rectangular1/4x5/8	1.72	28
SSLO_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard	1.66	29

**L Series - Double Slider Tilt Window**

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
DST_IS_ClrCard-Arg90-Card180#3	1.71	30
DST_IS_ClrCard-Arg90-Card180#3_Pencil	1.71	26
DST_IS_ClrCard-Arg90-Card180#3_Rectangular1/4x3/8	1.71	26
DST_IS_ClrCard-Arg90-Card180#3_Rectangular1/4x5/8	1.71	26
DST_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard	1.66	28

**L Series - Double Hung Tilt Window**

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
DHT_IS_ClrCard-Arg90-Card180#3	1.71	31
DHT_IS_ClrCard-Arg90-Card180#3_Pencil	1.71	28
DHT_IS_ClrCard-Arg90-Card180#3_Rectangular1/4x3/8	1.71	28
DHT_IS_ClrCard-Arg90-Card180#3_Rectangular1/4x5/8	1.71	28
DHT_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard	1.66	30

**L Series - Double Slider Lift Out Window**

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
DSLO_IS_ClrCard-Arg90-Card180#3	1.71	31
DSLO_IS_ClrCard-Arg90-Card180#3_Pencil	1.71	27
DSLO_IS_ClrCard-Arg90-Card180#3_Rectangular1/4x3/8	1.71	27
DSLO_IS_ClrCard-Arg90-Card180#3_Rectangular1/4x5/8	1.71	27
DSLO_IS_ClrCard-Arg90-Card180#3-Arg90-ClrCard	1.65	29

**Note:**

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.