

## **WINDOWS PROGRAM**

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

**Customer:** Vinylco Windows Ltd.  
**Location:** Surrey, BC

**Listing No.** W482-1  
**Effective Date:** October 1, 2012  
**Last Revised:** January 12, 2016  
**Expires:** N/A

**Product:** Vinyl Windows

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

**Models:** 3000 Series Picture Window:

Product Model Code:	U-Value (W/m <sup>2</sup> K)	Energy Rating
3000P-Cl(4)-Air(13)-LowE(4,e=0.215)	1.79	34
3000P-Cl(4)-Air(13-5/8"GRIDS)-LowE(4,e=0.215)	1.85	30
3000P-LowE(4,e=0.042)-Arg(13)-Cl(4)	1.53	26
3000P-LowE(4,e=0.042)-Arg(13-5/8"GRIDS)-Cl(4)	1.62	22
3000P-LowE(4,e=0.022)-Arg(13)-Cl(4)	1.50	20
3000P-LowE(4,e=0.022)-Arg(13-5/8"GRIDS)-Cl(4)	1.58	18
3000P-CL(4)-Argon(13)-LowE(4,e=0.149)	1.88	31
3000P-LowE(4,e=0.042)-Arg(13)-LowE(4,e=0.149)	1.28	31
3000P-LowE(4,e=0.022)-Arg(13)-LowE(4,e=0.149)	1.25	25

3000 Series Casement Window:

Product Model Code:	U-Value (W/m <sup>2</sup> K)	Energy Rating
3000C-Cl(4)-Air(13)-LowE(4,e=0.215)	1.72	27
3000C-Cl(4)-Air(13-5/8"GRIDS)-LowE(4,e=0.215)	1.75	24
3000C-LowE(4,e=0.042)-Arg(13)-Cl(4)	1.55	21
3000C-LowE(4,e=0.042)-Arg(13-5/8"GRIDS)-Cl(4)	1.59	19
3000C-LowE(4,e=0.022)-Arg(13)-Cl(4)	1.52	16
3000C-LowE(4,e=0.022)-Arg(13-5/8"GRIDS)-Cl(4)	1.56	15
3000C-CL(4)-Argon(13)-LowE(4,e=0.149)	1.78	25
3000C-LowE(4,e=0.042)-Arg(13)-LowE(4,e=0.149)	1.33	25
3000C-LowE(4,e=0.022)-Arg(13)-LowE(4,e=0.149)	1.31	21

3000 Series Awning Window:

Product Model Code:	U-Value (W/m <sup>2</sup> K)	Energy Rating
3000A-Cl(4)-Air(13)-LowE(4,e=0.215)	1.72	28
3000A-Cl(4)-Air(13-5/8"GRIDS)-LowE(4,e=0.215)	1.77	24
3000A-LowE(4,e=0.042)-Arg(13)-Cl(4)	1.55	21
3000A-LowE(4,e=0.042)-Arg(13-5/8"GRIDS)-Cl(4)	1.61	19
3000A-LowE(4,e=0.022)-Arg(13)-Cl(4)	1.52	17

3000A-LowE(4,e=0.022)-Arg(13-5/8"GRIDS)-Cl(4)	1.58	15
3000A-CL(4)-Argon(13)-LowE(4,e=0.149)	1.86	25
3000A-LowE(4,e=0.042)-Arg(13)-LowE(4,e=0.149)	1.36	25
3000A-LowE(4,e=0.022)-Arg(13)-LowE(4,e=0.149)	1.34	20

6000 Series Picture Window:

Product Model Code:	U-Value (W/m <sup>2</sup> K)	Energy Rating
6000P-Cl(4)-Arg(13)-LowE(4,e=0.215)	1.79	35
6000P-Cl(4)-Arg(13-5/8"GRIDS)-LowE(4,e=0.215)	1.86	30
6000P-LowE(4,e=0.042)-Arg(13)-Cl(4)	1.53	26
6000P-LowE(4,e=0.042)-Arg(13-5/8"GRIDS)-Cl(4)	1.62	23
6000P-LowE(4,e=0.022)-Arg(13)-Cl(4)	1.50	20
6000P-LowE(4,e=0.022)-Arg(13-5/8"GRIDS)-Cl(4)	1.58	18
6000P-CL(4)-Argon(13)-LowE(4,e=0.149)	1.90	32
6000P-LowE(4,e=0.042)-Arg(13)-LowE(4,e=0.149)	1.28	32
6000P-LowE(4,e=0.022)-Arg(13)-LowE(4,e=0.149)	1.25	26

6000 Series Horizontal Slider Window:

Product Model Code:	U-Value (W/m <sup>2</sup> K)	Energy Rating
6000HS-Cl(4)-Arg(13)-LowE(4,e=0.215)	1.89	28
6000HS-Cl(4)-Arg(13-5/8"GRIDS)-LowE(4,e=0.215)	1.94	24
6000HS-LowE(4,e=0.042)-Arg(13)-Cl(4)	1.67	20
6000HS-LowE(4,e=0.042)-Arg(13-5/8"GRIDS)-Cl(4)	1.75	17
6000HS-LowE(4,e=0.022)-Arg(13)-Cl(4)	1.64	15
6000HS-LowE(4,e=0.022)-Arg(13-5/8"GRIDS)-Cl(4)	1.71	13
6000HS-CL(4)-Argon(13)-LowE(4,e=0.149)	2.03	25
6000HS-LowE(4,e=0.042)-Arg(13)-LowE(4,e=0.149)	1.45	25
6000HS-LowE(4,e=0.022)-Arg(13)-LowE(4,e=0.149)	1.42	20

6000 Series Vertical Slider Window:

Product Model Code:	U-Value (W/m <sup>2</sup> K)	Energy Rating
6000VS-Cl(4)-Arg(13)-LowE(4,e=0.215)	1.85	30
6000VS-Cl(4)-Arg(13-5/8"GRIDS)-LowE(4,e=0.215)	1.91	25
6000VS-LowE(4,e=0.042)-Arg(13)-Cl(4)	1.64	21
6000VS-LowE(4,e=0.042)-Arg(13-5/8"GRIDS)-Cl(4)	1.71	18
6000VS-LowE(4,e=0.022)-Arg(13)-Cl(4)	1.61	16
6000VS-LowE(4,e=0.022)-Arg(13-5/8"GRIDS)-Cl(4)	1.69	13
6000VS-CL(4)-Argon(13)-LowE(4,e=0.149)	1.98	26
6000VS-LowE(4,e=0.042)-Arg(13)-LowE(4,e=0.149)	1.41	26
6000VS-LowE(4,e=0.022)-Arg(13)-LowE(4,e=0.149)	1.39	21

1400 Series Casement Window:

Product Model Code:	U-Value (W/m <sup>2</sup> K)	Energy Rating
1400C-Cl(4)-Arg(13-DL)-Cl(4)-Arg(13)-LowE(4,e=.215)	1.40	32
1400C-LowE(4,e=.042)-Arg(13-SS)-Cl(4)-Arg(13)-Cl(4)	1.31	24
1400C-LowE(4,e=.037)-Arg(13-SS)-Cl(4)-Arg(13)-Cl(4)	1.31	23
1400C-LowE(4,e=.022)-Arg(13-SS)-Cl(4)-Arg(13)-Cl(4)	1.30	20
1400C-LowE(4,e=.042)-Arg(13-SS)-Cl(4)-Arg(13)-LowE(4,e=.042)	1.10	28
1400C-LowE(4,e=.037)-Arg(13-SS)-Cl(4)-Arg(13)-LowE(4,e=.037)	1.09	27
1400C-LowE(4,e=.037)-Arg(13-SS)-Cl(4)-Arg(13)-LowE(4,e=.215)	1.18	25
1400C-LowE(4,e=.215)-Arg(13-SS)-Cl(4)-Arg(13)-LowE(4,e=.215)	1.26	32
1400C-Cl(4)-Arg(13-SS)-LowE(4,e=0.215)	1.78	25
1400C-LowE(4,e=.042)-Arg(13-SS)-Cl(4)	1.58	19
1400C-LowE(4,e=.022)-Arg(13-SS)-Cl(4)	1.55	15
1400C-LowE(5,e=.042)-Arg(13-SS)-Lami(6)	1.57	19
1400C-LowE(4,e=.042)-Arg(13-SS-Grilles)-Cl(4)	1.63	17

1400 Series Awning Window:

Product Model Code:	U-Value (W/m <sup>2</sup> K)	Energy Rating
1400A-Cl(4)-Arg(13-DL)-Cl(4)-Arg(13)-LowE(4,e=.215)	1.38	33
1400A-LowE(4,e=.042)-Arg(13-SS)-Cl(4)-Arg(13)-Cl(4)	1.30	25
1400A-LowE(4,e=.037)-Arg(13-SS)-Cl(4)-Arg(13)-Cl(4)	1.30	23
1400A-LowE(4,e=.022)-Arg(13-SS)-Cl(4)-Arg(13)-Cl(4)	1.28	21
1400A-LowE(4,e=.042)-Arg(13-SS)-Cl(4)-Arg(13)-LowE(4,e=.042)	1.08	29
1400A-LowE(4,e=.037)-Arg(13-SS)-Cl(4)-Arg(13)-LowE(4,e=.037)	1.08	27
1400A-LowE(4,e=.037)-Arg(13-SS)-Cl(4)-Arg(13)-LowE(4,e=.215)	1.16	26
1400A-LowE(4,e=.215)-Arg(13-SS)-Cl(4)-Arg(13)-LowE(4,e=.215)	1.25	33
1400A-Cl(4)-Arg(13-SS)-LowE(4,e=0.215)	1.77	26
1400A-LowE(4,e=.042)-Arg(13-SS)-Cl(4)	1.56	20
1400A-LowE(4,e=.022)-Arg(13-SS)-Cl(4)	1.54	16
1400A-LowE(5,e=.042)-Arg(13-SS)-Lami(6)	1.56	20
1400A-LowE(4,e=.042)-Arg(13-SS-Grilles)-Cl(4)	1.61	18

1400 Series Low Picture Window:

Product Model Code:	U-Value (W/m <sup>2</sup> K)	Energy Rating
1400LP-Cl(4)-Arg(13-DL)-Cl(4)-Arg(13)-LowE(4,e=.215)	1.31	39
1400LP-LowE(4,e=.042)-Arg(13-SS)-Cl(4)-Arg(13)-Cl(4)	1.20	30

1400LP-LowE(4,e=.037)-Arg(13-SS)-Cl(4)-Arg(13)-Cl(4)	1.20	28
1400LP-LowE(4,e=.022)-Arg(13-SS)-Cl(4)-Arg(13)-Cl(4)	1.18	25
1400LP-LowE(4,e=.042)-Arg(13-SS)-Cl(4)-Arg(13)-LowE(4,e=.042)	0.95	34
1400LP-LowE(4,e=.037)-Arg(13-SS)-Cl(4)-Arg(13)-LowE(4,e=.037)	0.94	33
1400LP-LowE(4,e=.037)-Arg(13-SS)-Cl(4)-Arg(13)-LowE(4,e=.215)	1.04	31
1400LP-LowE(4,e=.215)-Arg(13-SS)-Cl(4)-Arg(13)-LowE(4,e=.215)	1.14	40
1400LP-Cl(4)-Arg(13-SS)-LowE(4,e=0.215)	1.80	34
1400LP-LowE(4,e=.042)-Arg(13-SS)-Cl(4)	1.51	27
1400LP-LowE(4,e=.022)-Arg(13-SS)-Cl(4)	1.47	21
1400LP-LowE(5,e=.042)-Arg(13-SS)-Lami(6)	1.50	27
1400LP-LowE(4,e=.042)-Arg(13-SS-Grilles)-Cl(4)	1.60	23

1400 Series High Picture Window:

Product Model Code:	U-Value (W/m <sup>2</sup> K)	Energy Rating
1400HP-Cl(4)-Arg(13-DL)-Cl(4)-Arg(13)-LowE(4,e=.215)	1.29	43
1400HP-LowE(4,e=.042)-Arg(13-SS)-Cl(4)-Arg(13)-Cl(4)	1.18	32
1400HP-LowE(4,e=.037)-Arg(13-SS)-Cl(4)-Arg(13)-Cl(4)	1.17	31
1400HP-LowE(4,e=.022)-Arg(13-SS)-Cl(4)-Arg(13)-Cl(4)	1.15	27
1400HP-LowE(4,e=.042)-Arg(13-SS)-Cl(4)-Arg(13)-LowE(4,e=.042)	0.89	38
1400HP-LowE(4,e=.037)-Arg(13-SS)-Cl(4)-Arg(13)-LowE(4,e=.037)	0.88	36
1400HP-LowE(4,e=.037)-Arg(13-SS)-Cl(4)-Arg(13)-LowE(4,e=.215)	0.99	34
1400HP-LowE(4,e=.215)-Arg(13-SS)-Cl(4)-Arg(13)-LowE(4,e=.215)	1.11	44
1400HP-Cl(4)-Arg(13-SS)-LowE(4,e=0.215)	1.76	31
1400HP-LowE(4,e=.042)-Arg(13-SS)-Cl(4)	1.51	25
1400HP-LowE(4,e=.022)-Arg(13-SS)-Cl(4)	1.47	19
1400HP-LowE(5,e=.042)-Arg(13-SS)-Lami(6)	1.50	24
1400HP-LowE(4,e=.042)-Arg(13-SS-Grilles)-Cl(4)	1.59	21

Jazz Series Patio Door:

Product Model Code:	U-Value (W/m <sup>2</sup> K)	Energy Rating
JazzPD-LowE(4,e=0.042)-Arg(13-SS)-Cl(4)	1.61	19
JazzPD-LowE(4,e=0.042)-Arg(13-SS)-Cl(4)-Grill(16)	1.66	16
JazzPD-LowE(4,e=0.022)-Arg(13-SS)-Cl(4)	1.58	15
JazzPD-Cl(4)-Arg(13-SS)-LowE(4,e=0.215)	1.82	25
JazzPD-LowE(4,e=0.035)-Arg(13-SS)-Cl(4)	1.60	19

- Label: 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
  - QAI File Number (W482)
  - QAI logo with "c" indicator
  - "Evaluation for energy performance in accordance with CSA A440.2"
  - "Évalué pour la performance d'énergie en accord à la norme CSA A440.2"

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.

Final acceptance of the product in a building is subject to approval by the authority having jurisdiction.

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