

## FENESTRATION LISTING PROGRAM

Customer: Bethel Windows & Doors  
Class: Doors and Vinyl Windows  
Location: Coaldale Alberta  
Website: <http://www.bethelwindows.ca>  
Listing No. W406-6  
Project No. W406-6 ED6  
Effective Date: October 6, 2009  
Last Revised Date: January 30, 2017  
Expires: N/A  
Standards: CSA A440.2

Product: Vinyl Windows and Doors

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

- Manufacturer's name or trademark
- QAI file Number: (W406)
- The wording "Evaluation for energy performance in accordance with CSA A440.2"
- The Wording "Évalué pour la performance d'énergie en accord à la norme CSA A440.2"
- QAI logo shown here:



## Models / Ratings:

## 100 Series Picture Window:

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
100PIC_GO1	1.67	27
100PIC_GO1_Grids	1.71	25
100PIC_GO2	1.43	32
100PIC_GO2_Grids	1.48	30
100PIC_GO3	0.98	37
100PIC_GO3_Grids	0.99	36
100PIC_GO4	0.80	41
100PIC_GO4_Grids	0.83	40
100PIC_GO5	1.67	23
100PIC_GO5_Grids	1.72	21
100PIC_GO6	1.43	28
100PIC_GO6_Grids	1.48	26
100PIC_GO7	0.98	34
100PIC_GO7_Grids	0.99	33
100PIC_GO8	0.80	38
100PIC_GO8_Grids	0.83	37
100PIC-G9	1.67	23
100PIC-G10	1.72	21
100PIC-G11	1.43	28
100PIC-G12	1.48	26
100PIC-G13	0.98	34
100PIC-G14	0.99	33
100PIC-G15	0.80	38
100PIC-G16	0.83	37
100PIC-G17	1.21	33
100PIC-G17G	1.27	31
100PIC-G18	1.48	38
100PIC-G18G	1.55	36
100PIC-G19	1.18	33
100PIC-G19G	1.23	31



**100 Series Casement Window:**

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
100CAS_GO1	1.66	21
100CAS_GO1_Grids	1.69	19
100CAS_GO2	1.48	25
100CAS_GO2_Grids	1.52	23
100CAS_GO3	1.12	29
100CAS_GO3_Grids	1.13	29
100CAS_GO4	0.99	32
100CAS_GO4_Grids	1.01	31
100CAS_GO5	1.66	18
100CAS_GO5_Grids	1.69	17
100CAS_GO6	1.48	22
100CAS_GO6_Grids	1.52	21
100CAS_GO7	1.12	27
100CAS_GO7_Grids	1.13	26
100CAS_GO8	0.99	30
100CAS_GO8_Grids	1.01	29
100CAS-G9	1.66	18
100CAS-G10	1.69	17
100CAS-G11	1.48	22
100CAS-G12	1.52	21
100CAS-G13	1.12	27
100CAS-G14	1.13	26
100CAS-G15	0.99	30
100CAS-G16	1.01	29
100CAS-G17	1.32	25
100CAS-G17G	1.36	24
100CAS-G18	1.52	29
100CAS-G18G	1.56	28
100CAS-G19	1.30	25
100CAS-G19G	1.33	24



**100 Series Awning Window:**

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
100AWN_GO1	1.66	20
100AWN_GO1_Grids	1.68	19
100AWN_GO2	1.48	24
100AWN_GO2_Grids	1.50	23
100AWN_GO3	1.11	29
100AWN_GO3_Grids	1.12	28
100AWN_GO4	0.98	32
100AWN_GO4_Grids	0.99	31
100AWN_GO5	1.66	18
100AWN_GO5_Grids	1.68	17
100AWN_GO6	1.48	21
100AWN_GO6_Grids	1.50	20
100AWN_G07	1.11	27
100AWN_G07_Grids	1.12	26
100AWN_GO8	0.98	29
100AWN_GO8_Grids	0.99	29
100AWN-G9	1.66	18
100AWN-G10	1.69	17
100AWN-G11	1.48	21
100AWN-G12	1.50	20
100AWN-G13	1.11	27
100AWN-G14	1.12	26
100AWN-G15	0.98	29
100AWN-G16	0.99	29
100AWN-G17	1.29	26
100AWN-G17G	1.31	25
100AWN-G18	1.47	30
100AWN-G18G	1.50	29
100AWN-G19	1.27	25
100AWN-G19G	1.28	25



200/290 Series Picture Window:

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
290PIC_GO1	1.51	25
290PIC_GO1_G	1.57	23
290PIC_GO2	1.51	29
290PIC_GO2_G	1.58	26
290PIC_GO3	1.55	24
290PIC_GO3_G	1.61	22
290PIC_GO4	1.55	28
290PIC_GO4_G	1.61	25
290PIC_GO5	1.30	29
290PIC_GO5_G	1.36	27
290PIC_GO6	1.56	35
290PIC_GO6_G	1.62	32
290PIC_GO7	1.26	30
290PIC_GO7_G	1.31	28

200/290 Series Single Hung Window:

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
290VS_GO1	1.69	19
290VS_GO1_Grid	1.74	17
290VS_GO2	1.69	22
290VS_GO2_Grid	1.74	21
290VS_GO3	1.73	19
290VS_GO3_Grid	1.79	16
290VS_GO4	1.73	22
290VS_GO4_Grid	1.79	20
290VS_GO5	1.49	24
290VS_GO5_G	1.54	22
290VS_GO6	1.73	28
290VS_GO6_G	1.79	26
290VS_GO7	1.47	24
290VS_GO7_G	1.52	22



200/290 Series Horizontal Sliding Window:

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
290HS_GO1	1.69	19
290HS_GO1_Grid	1.74	16
290HS_GO2	1.69	22
290HS_GO2_Grid	1.74	20
290HS_GO3	1.73	18
290HS_GO3_Grid	1.79	15
290HS_GO4	1.73	21
290HS_GO4_Grid	1.79	19
290HS_GO5	1.50	23
290HS_GO5_G	1.54	22
290HS_GO6	1.73	28
290HS_GO6_G	1.79	26
290HS_GO7	1.48	24
290HS_GO7_G	1.52	22

500 Series Picture Window:

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
500PIC-Cl(3)-Air(12.7-DL)-LoE(3, e=0.035)	1.67	27
500PIC-Cl(3)-Air(12.7-DL-Grid)-LoE(3, e=0.035)	1.73	24
500PIC-Cl(3)-Arg(12.7-DL)-LoE(3, e=0.035)	1.45	32
500PIC-Cl(3)-Arg(12.7-DL-Grid)-LoE(3, e=0.035)	1.51	29
500PIC-LoE(3,0.035)-Air(12.7-DL)-LoE(3, e=0.147)	1.36	29
500PIC-LoE(3,0.035)-Air(12.7-DL-Grid)-LoE(3, e=0.147)	1.41	27
500PIC-LoE(3,0.035)-Arg(12.7-DL)-LoE(3, e=0.147)	1.20	32
500PIC-LoE(3,0.035)-Arg(12.7-DL-Grid)-LoE(3, e=0.147)	1.26	30
500PIC-Cl(3)-Air(12.7-DL)-LoE(3, e=0.147)	1.93	30
500PIC-Cl(3)-Air(12.7-DL-Grid)-LoE(3, e=0.147)	1.98	27
500PIC-Cl(3)-Arg(12.7-DL)-LoE(3, e=0.147)	1.85	31
500PIC-Cl(3)-Arg(12.7-DL-Grid)-LoE(3, e=0.147)	1.90	29



500 Series Horizontal Slider Window:

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
500HS-CI(3)-Air(12.7-DL)-LoE(3, e=0.035)	1.80	21
500HS-CI(3)-Air(12.7-DL-Grid)-LoE(3, e=0.035)	1.85	19
500HS-CI(3)-Arg(12.7-DL)-LoE(3, e=0.035)	1.60	26
500HS-CI(3)-Arg(12.7-DL-Grid)-LoE(3, e=0.035)	1.65	24
500HS-LoE(3, 0.035)-Air(12.7-DL)-LoE(3, e=0.147)	1.52	23
500HS-LoE(3, 0.035)-Air(12.7-DL-Grid)-LoE(3, e=0.147)	1.56	21
500HS-LoE(3, 0.035)-Arg(12.7-DL)-LoE(3, e=0.147)	1.38	26
500HS-LoE(3, 0.035)-Arg(12.7-DL-Grid)-LoE(3, e=0.147)	1.42	25
500HS-CI(3)-Air(12.7-DL)-LoE(3, e=0.147)	2.06	24
500HS-CI(3)-Air(12.7-DL-Grid)-LoE(3, e=0.147)	2.09	22
500HS-CI(3)-Arg(12.7-DL)-LoE(3, e=0.147)	1.99	25
500HS-CI(3)-Arg(12.7-DL-Grid)-LoE(3, e=0.147)	2.02	23

500 Series Single Hung Window:

Product Model Code:	U-Value (W/m <sup>2</sup> *K)	Energy Rating
500VS-CI(3)-Air(12.7-DL)-LoE(3, e=0.035)	1.81	21
500VS-CI(3)-Air(12.7-DL-Grid)-LoE(3, e=0.035)	1.86	19
500VS-CI(3)-Arg(12.7-DL)-LoE(3, e=0.035)	1.60	25
500VS-CI(3)-Arg(12.7-DL-Grid)-LoE(3, e=0.035)	1.66	23
500VS-LoE(3, 0.035)-Air(12.7-DL)-LoE(3, e=0.147)	1.52	22
500VS-LoE(3, 0.035)-Air(12.7-DL-Grid)-LoE(3, e=0.147)	1.56	21
500VS-LoE(3, 0.035)-Arg(12.7-DL)-LoE(3, e=0.147)	1.38	26
500VS-LoE(3, 0.035)-Arg(12.7-DL-Grid)-LoE(3, e=0.147)	1.42	24
500VS-CI(3)-Air(12.7-DL)-LoE(3, e=0.147)	2.05	23
500VS-CI(3)-Air(12.7-DL-Grid)-LoE(3, e=0.147)	2.09	21
500VS-CI(3)-Arg(12.7-DL)-LoE(3, e=0.147)	1.98	25
500VS-CI(3)-Arg(12.7-DL-Grid)-LoE(3, e=0.147)	2.02	23

Notes: Windows are not intended for installation in storefronts, nonoperable 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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