

## WINDOWS LISTING PROGRAM

Customer: Oasis Windows Ltd.  
Class: Fenestration Products – Energy Performance  
Location: Surrey, BC  
Website: [www.oasiswindows.com](http://www.oasiswindows.com)

Listing No. W410  
Project No. W410-1 Edition 6

Effective Date: November 10, 2010  
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Standards: CSA A440.2 Energy Performance of Windows and other Fenestration Systems

Product: 300 Series Picture, Horizontal Slider and Vertical Slider PVC Windows  
5000 Series Awning, Casement and Picture PVC Windows  
6000 Series Picture, Horizontal Slider and Vertical Slider PVC Windows  
12000 Series Picture, Horizontal Slider and Vertical Slider PVC 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: W410-1
- 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 / 300 Series PVC Picture Window  
 Ratings:

Glass Option	Model Code	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
1	300FX-3mmLowE(0.04)-13.3Argon-3mmCl	1.55	23
2	300FX-3mmCl - 13.3Argon-3mmLowE(0.11)	1.67	36
3	300FX-3mmLowE(0.02)-13.3 Argon-3mmCl	1.53	19
4	300FX-5mmLowE(0.04)-9.8Argon-4mmLowE(0.15)	1.34	27
5	300FX-4mmLowE(0.04)-11.5Argon-4mmLowE(0.15)	1.29	28
6	300FX-5mmLowE(0.02)-9.8Argon-4mmLowE(0.15)	1.32	24
7	300FX-4mmLowE(0.02)-11.5Argon-4mmLowE(0.15)	1.27	25
8	300FX-4mmLowE(0.04)-11.5Argon-4mmCl	1.52	24
9	300FX-4mmLowE(0.02)-11.5Argon-4mmCl	1.50	20
10	300FX-5mmLowE(0.04)-9.8Argon-5mmCl	1.58	22
11	300FX-5mmLowE(0.02)-9.8Argon-5mmCl	1.55	19
12	300FX-5mmLowE(0.04)-9.8Argon-5mmLowE(0.15)	1.34	27
13	300FX-5mmLowE(0.02)-9.8Argon-5mmLowE(0.15)	1.32	24
14	300FX-5mmLowE(0.04)-11.5Argon-6mmLami	1.53	23
15	300FX-5mmLowE(0.02)-11.5Argon-6mmLami	1.50	20
16	OASW-V300S-PIC-G16-3,037(2)-3,CL-3,CL-7,Ar-EN	1.51	24
17	OASW-V300S-PIC-G17-3,022(2)-3,149(4)-13,Ar-EN	1.26	25

300 Series PVC Horizontal Slider Window

Glass Option	Model Code	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
1	300SS-3mmLowE(0.04)-13.3Argon-3mmCl	1.65	20
2	300SS-3mmCl - 13.3Argon-3mmLowE(0.11)	1.77	31
3	300SS-3mmLowE(0.02)-13.3 Argon-3mmCl	1.63	16
4	300SS-5mmLowE(0.04)-9.8Argon-4mmLowE(0.15)	1.46	23
5	300SS-4mmLowE(0.04)-11.5Argon-4mmLowE(0.15)	1.41	25
6	300SS-5mmLowE(0.02)-9.8Argon-4mmLowE(0.15)	1.44	20
7	300SS-4mmLowE(0.02)-11.5Argon-4mmLowE(0.15)	1.39	21
8	300SS-4mmLowE(0.04)-11.5Argon-4mmCl	1.63	20
9	300SS-4mmLowE(0.02)-11.5Argon-4mmCl	1.61	16
10	300SS-5mmLowE(0.04)-9.8Argon-5mmCl	1.69	19
11	300SS-5mmLowE(0.02)-9.8Argon-5mmCl	1.67	15
12	300SS-5mmLowE(0.04)-9.8Argon-5mmLowE(0.15)	1.46	23
13	300SS-5mmLowE(0.02)-9.8Argon-5mmLowE(0.15)	1.44	20
14	300SS-5mmLowE(0.04)-11.5Argon-6mmLami	1.63	20
15	300SS-5mmLowE(0.02)-11.5Argon-6mmLami	1.60	17



16	OASW-V300S-HS-G16-3,037(2)-3,CL-3,CL-7,Ar-EN	1.61	20
17	OASW-V300S-HS-G17-3,022(2)-3,149(4)-13,Ar-EN	1.37	22

### 300 Series PVC Vertical Slider Window

Glass Option	Model Code	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
1	300SH-3mmLowE(0.04)-13.3Argon-3mmCl	1.65	20
2	300SH-3mmCl - 13.3Argon-3mmLowE(0.11)	1.77	31
3	300SH-3mmLowE(0.02)-13.3 Argon-3mmCl	1.62	16
4	300SH-5mmLowE(0.04)-9.8Argon-4mmLowE(0.15)	1.46	23
5	300SH-4mmLowE(0.04)-11.5Argon-4mmLowE(0.15)	1.40	25
6	300SH-5mmLowE(0.02)-9.8Argon-4mmLowE(0.15)	1.44	20
7	300SH-4mmLowE(0.02)-11.5Argon-4mmLowE(0.15)	1.38	21
8	300SH-4mmLowE(0.04)-11.5Argon-4mmCl	1.63	20
9	300SH-4mmLowE(0.02)-11.5Argon-4mmCl	1.61	16
10	300SH-5mmLowE(0.04)-9.8Argon-5mmCl	1.69	19
11	300SH-5mmLowE(0.02)-9.8Argon-5mmCl	1.67	15
12	300SH-5mmLowE(0.04)-9.8Argon-5mmLowE(0.15)	1.46	23
13	300SH-5mmLowE(0.02)-9.8Argon-5mmLowE(0.15)	1.44	20
14	300SH-5mmLowE(0.04)-11.5Argon-6mmLami	1.63	20
15	300SH-5mmLowE(0.02)-11.5Argon-6mmLami	1.60	16
16	300SH-G16-3,037(2)-3,CL-3,CL-7,Ar-EN	1.61	20
17	300SH-G17-3,022(2)-3,149(4)-13,Ar-EN	1.37	22

### 5000 Series PVC Awning with Roto Operator Window

Glass Option	Model Code	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
1	5000AWN-R-LoE(3,0.04)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.11)	1.07	29
2	5000AWN-R-LoE(3,0.02)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.11)	1.06	26
3	5000AWN-R-LoE(3,0.11)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.11)	1.10	37
4	5000AWN-R-LoE(3,0.04)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.04)	1.03	29
5	5000AWN-R-LoE(3,0.02)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.02)	1.01	27
9	5000AWN-R-Cl(4)-Arg(17.5)-LoE(4,0.07)	1.57	30
10	5000AWN-R-LoE(4,0.04)-Arg(17.5)-Cl(4)	1.52	21
11	5000AWN-R-LoE(4,0.02)-Arg(17.5)-Cl(4)	1.50	18
12	5000AWN-R-LoE(4,0.04)-Arg(17.5)-LoE(4,0.15)	1.34	24
13	5000AWN-R-LoE(4,0.02)-Arg(17.5)-LoE(4,0.15)	1.33	21
14	5000AWN-R-Cl(5)-Arg(16)-LoE(5,0.07)	1.56	31
15	5000AWN-R-LoE(5,0.04)-Arg(16)-Cl(5)	1.52	21



16	5000AWN-R-LoE(5,0.02)-Arg(16)-Cl(5)	1.50	18
17	5000AWN-R-LoE(5,0.04)-Arg(16)-i89(5)	1.34	24
18	5000AWN-R-LoE(5,0.02)-Arg(16)-i89(5)	1.32	21
19	5000AWN-R-Cl(4)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.07)	1.42	31
20	5000AWN-R-LoE(4,0.04)-Arg(7.5)-Cl(3)-Arg(7.5)-Cl(4)	1.41	22
21	5000AWN-R-LoE(4,0.02)-Arg(7.5)-Cl(3)-Arg(7.5)-Cl(4)	1.40	19
22	5000AWN-R-LoE(4,0.04)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.15)	1.27	25
23	5000AWN-R-LoE(4,0.04)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.07)	1.23	26
24	5000AWN-R-LoE(4,0.02)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.07)	1.23	23
25	5000AWN-R-Cl(5)-Arg(8)-Cl(4)-Arg(8)-LoE(5,0.07)	1.39	32
26	5000AWN-R-LoE(5,0.04)-Arg(8)-Cl(4)-Arg(8)-Cl(5)	1.37	23
27	5000AWN-R-LoE(5,0.02)-Arg(8)-Cl(4)-Arg(8)-Cl(5)	1.36	20
28	5000AWN-R-LoE(5,0.04)-Arg(8)-Cl(4)-Arg(8)-LoE(5,0.15)	1.24	25
29	5000AWN-R-LoE(5,0.04)-Arg(8)-Cl(4)-Arg(8)-LoE(5,0.07)	1.20	26
30	5000AWN-R-LoE(5,0.02)-Arg(8)-Cl(4)-Arg(8)-LoE(5,0.07)	1.19	23
31	5000AWN-R-Cl(4)-Arg(9.8)-Cl(3)-Arg(9.8)-LoE(4,0.07)	1.30	34
32	5000AWN-R-LoE(4,0.04)-Arg(9.8)-Cl(3)-Arg(9.8)-Cl(4)	1.29	24
33	5000AWN-R-LoE(4,0.02)-Arg(9.8)-Cl(3)-Arg(9.8)-Cl(4)	1.27	22
34	5000AWN-R-LoE(4,0.04)-Arg(9.8)-Cl(3)-Arg(9.8)-LoE(4,0.15)	1.17	27
35	5000AWN-R-LoE(4,0.04)-Arg(9.8)-Cl(3)-Arg(9.8)-LoE(4,0.07)	1.11	28
36	5000AWN-R-LoE(4,0.02)-Arg(9.8)-Cl(3)-Arg(9.8)-LoE(4,0.07)	1.10	25
37	5000AWN-R-LoE(6,0.04)-Arg(6.5)-Cl(5)-Arg(6.5)-Lam(6)	1.47	21
38	5000AWN-R-LoE(6,0.02)-Arg(6.5)-Cl(5)-Arg(6.5)-Lam(6)	1.46	18

## 5000 Series PVC Awning Push Out Operation Window

Glass Option	Model Code	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
1	5000AWN-P-LoE(3,0.04)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.11)	1.07	29
2	5000AWN-P-LoE(3,0.02)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.11)	1.06	26
3	5000AWN-P-LoE(3,0.11)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.11)	1.10	37
4	5000AWN-P-LoE(3,0.04)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.04)	1.02	29
5	5000AWN-P-LoE(3,0.02)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.02)	1.01	26
6	5000AWN-P-LoE(3,0.037)-Ag(13)-LoE(3,0.149)	1.34	23
7	5000AWN-P-LoE(3,0.022)-Ag(13)-LoE(3,0.149)	1.33	20
8	5000AWN-P-LoE(3,0.110)-Ag(13)-LoE(3,0.149)	1.41	30
9	5000AWN-P-Cl(4)-Arg(17.5)-LoE(4,0.07)	1.57	30
10	5000AWN-P-LoE(4,0.04)-Arg(17.5)-Cl(4)	1.52	20
11	5000AWN-P-LoE(4,0.02)-Arg(17.5)-Cl(4)	1.50	17
12	5000AWN-P-LoE(4,0.04)-Arg(17.5)-LoE(4,0.15)	1.34	23
13	5000AWN-P-LoE(4,0.02)-Arg(17.5)-LoE(4,0.15)	1.33	20



14	5000AWN-P-CI(5)-Arg(16)-LoE(5,0.07)	1.56	30
15	5000AWN-P-LoE(5,0.04)-Arg(16)-CI(5)	1.52	20
16	5000AWN-P-LoE(5,0.02)-Arg(16)-CI(5)	1.50	17
17	5000AWN-P-LoE(5,0.04)-Arg(16)-i89(5)	1.34	23
18	5000AWN-P-LoE(5,0.02)-Arg(16)-i89(5)	1.32	21
19	5000AWN-P-CI(4)-Arg(7.5)-CI(3)-Arg(7.5)-LoE(4,0.07)	1.42	31
20	5000AWN-P-LoE(4,0.04)-Arg(7.5)-CI(3)-Arg(7.5)-CI(4)	1.41	21
21	5000AWN-P-LoE(4,0.02)-Arg(7.5)-CI(3)-Arg(7.5)-CI(4)	1.40	18
22	5000AWN-P-LoE(4,0.04)-Arg(7.5)-CI(3)-Arg(7.5)-LoE(4,0.15)	1.27	24
23	5000AWN-P-LoE(4,0.04)-Arg(7.5)-CI(3)-Arg(7.5)-LoE(4,0.07)	1.23	25
24	5000AWN-P-LoE(4,0.02)-Arg(7.5)-CI(3)-Arg(7.5)-LoE(4,0.07)	1.23	22
25	5000AWN-P-CI(5)-Arg(8)-CI(4)-Arg(8)-LoE(5,0.07)	1.39	31
26	5000AWN-P-LoE(5,0.04)-Arg(8)-CI(4)-Arg(8)-CI(5)	1.37	22
27	5000AWN-P-LoE(5,0.02)-Arg(8)-CI(4)-Arg(8)-CI(5)	1.36	19
28	5000AWN-P-LoE(5,0.04)-Arg(8)-CI(4)-Arg(8)-LoE(5,0.15)	1.24	24
29	5000AWN-P-LoE(5,0.04)-Arg(8)-CI(4)-Arg(8)-LoE(5,0.07)	1.20	25
30	5000AWN-P-LoE(5,0.02)-Arg(8)-CI(4)-Arg(8)-LoE(5,0.07)	1.19	22
31	5000AWN-P-CI(4)-Arg(9.8)-CI(3)-Arg(9.8)-LoE(4,0.07)	1.30	33
32	5000AWN-P-LoE(4,0.04)-Arg(9.8)-CI(3)-Arg(9.8)-CI(4)	1.29	24
33	5000AWN-P-LoE(4,0.02)-Arg(9.8)-CI(3)-Arg(9.8)-CI(4)	1.27	21
34	5000AWN-P-LoE(4,0.04)-Arg(9.8)-CI(3)-Arg(9.8)-LoE(4,0.15)	1.17	26
35	5000AWN-P-LoE(4,0.04)-Arg(9.8)-CI(3)-Arg(9.8)-LoE(4,0.07)	1.11	27
36	5000AWN-P-LoE(4,0.02)-Arg(9.8)-CI(3)-Arg(9.8)-LoE(4,0.07)	1.10	24
37	5000AWN-P-LoE(6,0.04)-Arg(6.5)-CI(5)-Arg(6.5)-Lam(6)	1.47	20
38	5000AWN-P-LoE(6,0.02)-Arg(6.5)-CI(5)-Arg(6.5)-Lam(6)	1.46	17

## 5000 Series PVC Casement Roto Operator Window

Glass Option	Model Code	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
1	5000CAS-R-LoE(3,0.04)-Ag(13)-CI(3)-Ag(13)-LoE(3,0.11)	1.08	29
2	5000CAS-R-LoE(3,0.02)-Ag(13)-CI(3)-Ag(13)-LoE(3,0.11)	1.07	26
3	5000CAS-R-LoE(3,0.11)-Ag(13)-CI(3)-Ag(13)-LoE(3,0.11)	1.12	37
4	5000CAS-R-LoE(3,0.04)-Ag(13)-CI(3)-Ag(13)-LoE(3,0.04)	1.04	29
5	5000CAS-R-LoE(3,0.02)-Ag(13)-CI(3)-Ag(13)-LoE(3,0.02)	1.03	26
9	5000CAS-R-CI(4)-Arg(17.5)-LoE(4,0.07)	1.55	31
10	5000CAS-R-LoE(4,0.04)-Arg(17.5)-CI(4)	1.51	21
11	5000CAS-R-LoE(4,0.02)-Arg(17.5)-CI(4)	1.49	18
12	5000CAS-R-LoE(4,0.04)-Arg(17.5)-LoE(4,0.15)	1.31	25
13	5000CAS-R-LoE(4,0.02)-Arg(17.5)-LoE(4,0.15)	1.29	22
14	5000CAS-R-CI(5)-Arg(16)-LoE(5,0.07)	1.54	31



15	5000CAS-R-LoE(5,0.04)-Arg(16)-Cl(5)	1.50	20
16	5000CAS-R-LoE(5,0.02)-Arg(16)-Cl(5)	1.48	18
17	5000CAS-R-LoE(5,0.04)-Arg(16)-i89(5)	1.30	25
18	5000CAS-R-LoE(5,0.02)-Arg(16)-i89(5)	1.29	22
19	5000CAS-R-Cl(4)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.07)	1.41	32
20	5000CAS-R-LoE(4,0.04)-Arg(7.5)-Cl(3)-Arg(7.5)-Cl(4)	1.40	22
21	5000CAS-R-LoE(4,0.02)-Arg(7.5)-Cl(3)-Arg(7.5)-Cl(4)	1.39	19
22	5000CAS-R-LoE(4,0.04)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.15)	1.25	25
23	5000CAS-R-LoE(4,0.04)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.07)	1.22	26
24	5000CAS-R-LoE(4,0.02)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.07)	1.22	23
25	5000CAS-R-Cl(5)-Arg(8)-Cl(4)-Arg(8)-LoE(5,0.07)	1.38	32
26	5000CAS-R-LoE(5,0.04)-Arg(8)-Cl(4)-Arg(8)-Cl(5)	1.36	23
27	5000CAS-R-LoE(5,0.02)-Arg(8)-Cl(4)-Arg(8)-Cl(5)	1.35	20
28	5000CAS-R-LoE(5,0.04)-Arg(8)-Cl(4)-Arg(8)-LoE(5,0.15)	1.22	25
29	5000CAS-R-LoE(5,0.04)-Arg(8)-Cl(4)-Arg(8)-LoE(5,0.07)	1.19	26
30	5000CAS-R-LoE(5,0.02)-Arg(8)-Cl(4)-Arg(8)-LoE(5,0.07)	1.18	23
31	5000CAS-R-Cl(4)-Arg(9.8)-Cl(3)-Arg(9.8)-LoE(4,0.07)	1.29	34
32	5000CAS-R-LoE(4,0.04)-Arg(9.8)-Cl(3)-Arg(9.8)-Cl(4)	1.28	25
33	5000CAS-R-LoE(4,0.02)-Arg(9.8)-Cl(3)-Arg(9.8)-Cl(4)	1.26	22
34	5000CAS-R-LoE(4,0.04)-Arg(9.8)-Cl(3)-Arg(9.8)-LoE(4,0.15)	1.15	28
35	5000CAS-R-LoE(4,0.04)-Arg(9.8)-Cl(3)-Arg(9.8)-LoE(4,0.07)	1.10	28
36	5000CAS-R-LoE(4,0.02)-Arg(9.8)-Cl(3)-Arg(9.8)-LoE(4,0.07)	1.09	25
37	5000CAS-R-LoE(6,0.04)-Arg(6.5)-Cl(5)-Arg(6.5)-Lam(6)	1.46	21
38	5000CAS-R-LoE(6,0.02)-Arg(6.5)-Cl(5)-Arg(6.5)-Lam(6)	1.45	18

### 5000 Series PVC Casement Push Out Operation Window

Glass Option	Model Code	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
1	5000CAS-P-LoE(3,0.04)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.11)	1.08	29
2	5000CAS-P-LoE(3,0.02)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.11)	1.07	26
3	5000CAS-P-LoE(3,0.11)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.11)	1.12	37
4	5000CAS-P-LoE(3,0.04)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.04)	1.04	29
5	5000CAS-P-LoE(3,0.02)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.02)	1.03	27
6	5000CAS-P-LoE(3,0.037)-Ag(13)-LoE(3,0.149)	1.33	23
7	5000CAS-P-LoE(3,0.022)-Ag(13)-LoE(3,0.149)	1.32	20
8	5000CAS-P-LoE(3,0.110)-Ag(13)-LoE(3,0.149)	1.40	31
9	5000CAS-P-Cl(4)-Arg(17.5)-LoE(4,0.07)	1.55	31
10	5000CAS-P-LoE(4,0.04)-Arg(17.5)-Cl(4)	1.51	21



11	5000CAS-P-LoE(4,0.02)-Arg(17.5)-Cl(4)	1.49	18
12	5000CAS-P-LoE(4,0.04)-Arg(17.5)-LoE(4,0.15)	1.31	25
13	5000CAS-P-LoE(4,0.02)-Arg(17.5)-LoE(4,0.15)	1.29	22
14	5000CAS-P-Cl(5)-Arg(16)-LoE(5,0.07)	1.54	31
15	5000CAS-P-LoE(5,0.04)-Arg(16)-Cl(5)	1.50	20
16	5000CAS-P-LoE(5,0.02)-Arg(16)-Cl(5)	1.48	18
17	5000CAS-P-LoE(5,0.04)-Arg(16)-i89(5)	1.30	25
18	5000CAS-P-LoE(5,0.02)-Arg(16)-i89(5)	1.29	22
19	5000CAS-P-Cl(4)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.07)	1.41	32
20	5000CAS-P-LoE(4,0.04)-Arg(7.5)-Cl(3)-Arg(7.5)-Cl(4)	1.40	22
21	5000CAS-P-LoE(4,0.02)-Arg(7.5)-Cl(3)-Arg(7.5)-Cl(4)	1.39	19
22	5000CAS-P-LoE(4,0.04)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.15)	1.25	25
23	5000CAS-P-LoE(4,0.04)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.07)	1.22	26
24	5000CAS-P-LoE(4,0.02)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.07)	1.22	23
25	5000CAS-P-Cl(5)-Arg(8)-Cl(4)-Arg(8)-LoE(5,0.07)	1.38	32
26	5000CAS-P-LoE(5,0.04)-Arg(8)-Cl(4)-Arg(8)-Cl(5)	1.36	23
27	5000CAS-P-LoE(5,0.02)-Arg(8)-Cl(4)-Arg(8)-Cl(5)	1.35	20
28	5000CAS-P-LoE(5,0.04)-Arg(8)-Cl(4)-Arg(8)-LoE(5,0.15)	1.22	25
29	5000CAS-P-LoE(5,0.04)-Arg(8)-Cl(4)-Arg(8)-LoE(5,0.07)	1.19	26
30	5000CAS-P-LoE(5,0.02)-Arg(8)-Cl(4)-Arg(8)-LoE(5,0.07)	1.18	23
31	5000CAS-P-Cl(4)-Arg(9.8)-Cl(3)-Arg(9.8)-LoE(4,0.07)	1.29	34
32	5000CAS-P-LoE(4,0.04)-Arg(9.8)-Cl(3)-Arg(9.8)-Cl(4)	1.28	25
33	5000CAS-P-LoE(4,0.02)-Arg(9.8)-Cl(3)-Arg(9.8)-Cl(4)	1.26	22
34	5000CAS-P-LoE(4,0.04)-Arg(9.8)-Cl(3)-Arg(9.8)-LoE(4,0.15)	1.15	28
35	5000CAS-P-LoE(4,0.04)-Arg(9.8)-Cl(3)-Arg(9.8)-LoE(4,0.07)	1.10	28
36	5000CAS-P-LoE(4,0.02)-Arg(9.8)-Cl(3)-Arg(9.8)-LoE(4,0.07)	1.09	25
37	5000CAS-P-LoE(6,0.04)-Arg(6.5)-Cl(5)-Arg(6.5)-Lam(6)	1.46	21
38	5000CAS-P-LoE(6,0.02)-Arg(6.5)-Cl(5)-Arg(6.5)-Lam(6)	1.45	18

### 5000 Series PVC Picture Window

Glass Option	Model Code	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
1	5000FX-LoE(3,0.04)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.11)	0.93	36
2	5000FX-LoE(3,0.02)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.11)	0.92	32
3	5000FX-LoE(3,0.11)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.11)	0.97	46
4	5000FX-LoE(3,0.04)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.04)	0.88	36
5	5000FX-LoE(3,0.02)-Ag(13)-Cl(3)-Ag(13)-LoE(3,0.02)	0.86	33
6	5000FX-LoE(3,0.037)-Ag(13)-LoE(3,0.149)	1.26	28
7	5000FX-LoE(3,0.022)-Ag(13)-LoE(3,0.149)	1.24	25
8	5000FX-LoE(3,0.110)-Ag(13)-LoE(3,0.149)	1.35	39



9	5000FX-CI(4)-Arg(17.5)-LoE(4,0.07)	1.58	38
10	5000FX-LoE(4,0.04)-Arg(17.5)-CI(4)	1.52	24
11	5000FX-LoE(4,0.02)-Arg(17.5)-CI(4)	1.50	20
12	5000FX-LoE(4,0.04)-Arg(17.5)-LoE(4,0.15)	1.26	30
13	5000FX-LoE(4,0.02)-Arg(17.5)-LoE(4,0.15)	1.25	25
14	5000FX-CI(5)-Arg(16)-LoE(5,0.07)	1.57	37
15	5000FX-LoE(5,0.04)-Arg(16)-CI(5)	1.51	24
16	5000FX-LoE(5,0.02)-Arg(16)-CI(5)	1.49	21
17	5000FX-LoE(5,0.04)-Arg(16)-i89(5)	1.26	29
18	5000FX-LoE(5,0.02)-Arg(16)-i89(5)	1.24	26
19	5000FX-CI(4)-Arg(7.5)-CI(3)-Arg(7.5)-LoE(4,0.07)	1.40	38
20	5000FX-LoE(4,0.04)-Arg(7.5)-CI(3)-Arg(7.5)-CI(4)	1.38	26
21	5000FX-LoE(4,0.02)-Arg(7.5)-CI(3)-Arg(7.5)-CI(4)	1.37	23
22	5000FX-LoE(4,0.04)-Arg(7.5)-CI(3)-Arg(7.5)-LoE(4,0.15)	1.19	30
23	5000FX-LoE(4,0.04)-Arg(7.5)-CI(3)-Arg(7.5)-LoE(4,0.07)	1.15	31
24	5000FX-LoE(4,0.02)-Arg(7.5)-CI(3)-Arg(7.5)-LoE(4,0.07)	1.14	27
25	5000FX-CI(5)-Arg(8)-CI(4)-Arg(8)-LoE(5,0.07)	1.35	39
26	5000FX-LoE(5,0.04)-Arg(8)-CI(4)-Arg(8)-CI(5)	1.33	27
27	5000FX-LoE(5,0.02)-Arg(8)-CI(4)-Arg(8)-CI(5)	1.32	23
28	5000FX-LoE(5,0.04)-Arg(8)-CI(4)-Arg(8)-LoE(5,0.15)	1.15	30
29	5000FX-LoE(5,0.04)-Arg(8)-CI(4)-Arg(8)-LoE(5,0.07)	1.10	32
30	5000FX-LoE(5,0.02)-Arg(8)-CI(4)-Arg(8)-LoE(5,0.07)	1.10	28
31	5000FX-CI(4)-Arg(9.8)-CI(3)-Arg(9.8)-LoE(4,0.07)	1.24	42
32	5000FX-LoE(4,0.04)-Arg(9.8)-CI(3)-Arg(9.8)-CI(4)	1.22	29
33	5000FX-LoE(4,0.02)-Arg(9.8)-CI(3)-Arg(9.8)-CI(4)	1.21	26
34	5000FX-LoE(4,0.04)-Arg(9.8)-CI(3)-Arg(9.8)-LoE(4,0.15)	1.07	32
35	5000FX-LoE(4,0.04)-Arg(9.8)-CI(3)-Arg(9.8)-LoE(4,0.07)	0.99	34
36	5000FX-LoE(4,0.02)-Arg(9.8)-CI(3)-Arg(9.8)-LoE(4,0.07)	0.98	31
37	5000FX-LoE(6,0.04)-Arg(6.5)-CI(5)-Arg(6.5)-Lam(6)	1.46	24
38	5000FX-LoE(6,0.02)-Arg(6.5)-CI(5)-Arg(6.5)-Lam(6)	1.45	20

## 6000 Series PVC Picture Window

Glass Option	Model Code	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
1	6000FX-LoE (3, 0.04)-Arg(8)-CI(3)-Arg(8)-LoE(3, 0.11)	1.31	27
2	6000FX-LoE (3, 0.02)-Arg(8)-CI(3)-Arg(8)-LoE(3, 0.11)	1.30	23
3	6000FX-LoE (3, 0.11)-Arg(8)-CI(3)-Arg(8)-LoE(3, 0.11)	1.35	37
4	6000FX-LoE (3, 0.04)-Arg(8)-CI(3)-Arg(8)-LoE(3, 0.04)	1.27	27
5	6000FX-LoE (3, 0.02)-Arg(8)-CI(3)-Arg(8)-LoE(3, 0.02)	1.25	24
6	6000FX-LoE (3, 0.04)-Arg(13)-LoE(3, 0.15)	1.45	24





7	6000FX-LoE (3, 0.02)-Arg(13)-LoE(3, 0.15)	1.43	20
8	6000FX-LoE (3, 0.11)-Arg(13)-LoE(3, 0.15)	1.54	34
9	6000FX-CI(4)-Arg(17.5)-LoE(4,0.07)	1.71	33
10	6000FX-LoE(4,0.04)-Arg(17.5)-CI(4)	1.66	20
11	6000FX-LoE(4,0.02)-Arg(17.5)-CI(4)	1.64	17
12	6000FX-LoE(4,0.04)-Arg(17.5)-LoE(4,0.15)	1.41	25
13	6000FX-LoE(4,0.02)-Arg(17.5)-LoE(4,0.15)	1.39	22
14	6000FX-CI(5)-Arg(16)-LoE(5,0.07)	1.68	34
15	6000FX-LoE(5,0.04)-Arg(16)-CI(5)	1.63	21
16	6000FX-LoE(5,0.02)-Arg(16)-CI(5)	1.61	17
17	6000FX-LoE(5,0.04)-Arg(16)-i89(5)	1.38	26
18	6000FX-LoE(5,0.02)-Arg(16)-i89(5)	1.36	22

### 6000 Series PVC Horizontal Slider Window

Glass Option	Model Code	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
1	6000HS-LoE (3, 0.04)-Arg(8)-CI(3)-Arg(8)-LoE(3, 0.11)	1.35	24
2	6000HS-LoE (3, 0.02)-Arg(8)-CI(3)-Arg(8)-LoE(3, 0.11)	1.34	21
3	6000HS-LoE (3, 0.11)-Arg(8)-CI(3)-Arg(8)-LoE(3, 0.11)	1.39	34
4	6000HS-LoE (3, 0.04)-Arg(8)-CI(3)-Arg(8)-LoE(3, 0.04)	1.31	24
5	6000HS-LoE (3, 0.02)-Arg(8)-CI(3)-Arg(8)-LoE(3, 0.02)	1.30	21
6	6000HS-LoE (3, 0.04)-Arg(13)-LoE(3, 0.15)	1.48	22
7	6000HS-LoE (3, 0.02)-Arg(13)-LoE(3, 0.15)	1.46	18
8	6000HS-LoE (3, 0.11)-Arg(13)-LoE(3, 0.15)	1.57	31
9	6000HS-CI(4)-Arg(17.5)-LoE(4,0.07)	1.74	30
10	6000HS-LoE(4,0.04)-Arg(17.5)-CI(4)	1.69	18
11	6000HS-LoE(4,0.02)-Arg(17.5)-CI(4)	1.67	15
12	6000HS-LoE(4,0.04)-Arg(17.5)-LoE(4,0.15)	1.45	23
13	6000HS-LoE(4,0.02)-Arg(17.5)-LoE(4,0.15)	1.44	20
14	6000HS-CI(5)-Arg(16)-LoE(5,0.07)	1.73	30
15	6000HS-LoE(5,0.04)-Arg(16)-CI(5)	1.68	18
16	6000HS-LoE(5,0.02)-Arg(16)-CI(5)	1.65	15
17	6000HS-LoE(5,0.04)-Arg(16)-i89(5)	1.44	23
18	6000HS-LoE(5,0.02)-Arg(16)-i89(5)	1.42	20

### 6000 Series PVC Vertical Slider Window



Glass Option	Model Code	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
1	6000VS-LoE (3, 0.04)-Arg(8)-Cl(3)-Arg(8)-LoE(3, 0.11)	1.36	24
2	6000VS-LoE (3, 0.02)-Arg(8)-Cl(3)-Arg(8)-LoE(3, 0.11)	1.35	21
3	6000VS-LoE (3, 0.11)-Arg(8)-Cl(3)-Arg(8)-LoE(3, 0.11)	1.40	34
4	6000VS-LoE (3, 0.04)-Arg(8)-Cl(3)-Arg(8)-LoE(3, 0.04)	1.32	24
5	6000VS-LoE (3, 0.02)-Arg(8)-Cl(3)-Arg(8)-LoE(3, 0.02)	1.30	21
6	6000VS-LoE (3, 0.04)-Arg(13)-LoE(3, 0.15)	1.48	22
7	6000VS-LoE (3, 0.02)-Arg(13)-LoE(3, 0.15)	1.46	18
8	6000VS-LoE (3, 0.11)-Arg(13)-LoE(3, 0.15)	1.56	31
9	6000VS-Cl(4)-Arg(17.5)-LoE(4,0.07)	1.74	31
10	6000VS-LoE(4,0.04)-Arg(17.5)-Cl(4)	1.69	18
11	6000VS-LoE(4,0.02)-Arg(17.5)-Cl(4)	1.67	15
12	6000VS-LoE(4,0.04)-Arg(17.5)-LoE(4,0.15)	1.45	23
13	6000VS-LoE(4,0.02)-Arg(17.5)-LoE(4,0.15)	1.43	20
14	6000VS-Cl(5)-Arg(16)-LoE(5,0.07)	1.72	30
15	6000VS-LoE(5,0.04)-Arg(16)-Cl(5)	1.67	19
16	6000VS-LoE(5,0.02)-Arg(16)-Cl(5)	1.65	15
17	6000VS-LoE(5,0.04)-Arg(16)-i89(5)	1.43	23
18	6000VS-LoE(5,0.02)-Arg(16)-i89(5)	1.41	20

## 12000 Series PVC Picture Window

Glass Option	Model Code	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
1	12000FX-Cl(4)-Arg(17.5)-LoE(4,0.07)	1.58	39
2	12000FX-LoE(4,0.04)-Arg(17.5)-Cl(4)	1.53	24
3	12000FX-LoE(4,0.02)-Arg(17.5)-Cl(4)	1.50	21
4	12000FX-LoE(4,0.04)-Arg(17.5)-LoE(4,0.15)	1.27	30
5	12000FX-LoE(4,0.02)-Arg(17.5)-LoE(4,0.15)	1.25	26
6	12000FX-Cl(5)-Arg(16)-LoE(5,0.07)	1.57	38
7	12000FX-LoE(5,0.04)-Arg(16)-Cl(5)	1.51	24
8	12000FX-LoE(5,0.02)-Arg(16)-Cl(5)	1.48	21
9	12000FX-LoE(5,0.04)-Arg(16)-i89(5)	1.26	29
10	12000FX-LoE(5,0.02)-Arg(16)-i89(5)	1.25	26
11	12000FX-Cl(4)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.07)	1.44	38
12	12000FX-LoE(4,0.04)-Arg(7.5)-Cl(3)-Arg(7.5)-Cl(4)	1.41	25
13	12000FX-LoE(4,0.02)-Arg(7.5)-Cl(3)-Arg(7.5)-Cl(4)	1.40	22
14	12000FX-LoE(4,0.04)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.15)	1.23	29
15	12000FX-LoE(4,0.04)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.07)	1.17	30



16	12000FX-LoE(4,0.02)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.07)	1.16	27
17	12000FX-Cl(5)-Arg(6.5)-Cl(4)-Arg(6.5)-LoE(5,0.07)	1.48	37
18	12000FX-LoE(5,0.04)-Arg(6.5)-Cl(4)-Arg(6.5)-Cl(5)	1.48	24
19	12000FX-LoE(5,0.02)-Arg(6.5)-Cl(4)-Arg(6.5)-Cl(5)	1.46	20
20	12000FX-LoE(5,0.04)-Arg(6.5)-Cl(4)-Arg(6.5)-LoE(5,0.15)	1.26	28
21	12000FX-LoE(5,0.04)-Arg(6.5)-Cl(4)-Arg(6.5)-LoE(5,0.07)	1.24	29
22	12000FX-LoE(5,0.02)-Arg(6.5)-Cl(4)-Arg(6.5)-LoE(5,0.07)	1.23	25

## 12000 Series PVC Horizontal Slider Window

Glass Option	Model Code	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
1	12000HS-Cl(4)-Arg(17.5)-LoE(4,0.07)	1.69	33
2	12000HS-LoE(4,0.04)-Arg(17.5)-Cl(4)	1.64	20
3	12000HS-LoE(4,0.02)-Arg(17.5)-Cl(4)	1.61	17
4	12000HS-LoE(4,0.04)-Arg(17.5)-LoE(4,0.15)	1.41	25
5	12000HS-LoE(4,0.02)-Arg(17.5)-LoE(4,0.15)	1.40	21
6	12000HS-Cl(5)-Arg(16)-LoE(5,0.07)	1.68	32
7	12000HS-LoE(5,0.04)-Arg(16)-Cl(5)	1.62	20
8	12000HS-LoE(5,0.02)-Arg(16)-Cl(5)	1.60	17
9	12000HS-LoE(5,0.04)-Arg(16)-i89(5)	1.41	25
10	12000HS-LoE(5,0.02)-Arg(16)-i89(5)	1.39	21
11	12000HS-Cl(4)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.07)	1.53	33
12	12000HS-LoE(4,0.04)-Arg(7.5)-Cl(3)-Arg(7.5)-Cl(4)	1.51	22
13	12000HS-LoE(4,0.02)-Arg(7.5)-Cl(3)-Arg(7.5)-Cl(4)	1.49	19
14	12000HS-LoE(4,0.04)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.15)	1.35	25
15	12000HS-LoE(4,0.04)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.07)	1.29	26
16	12000HS-LoE(4,0.02)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.07)	1.28	23
17	12000HS-Cl(5)-Arg(6.5)-Cl(4)-Arg(6.5)-LoE(5,0.07)	1.60	31
18	12000HS-LoE(5,0.04)-Arg(6.5)-Cl(4)-Arg(6.5)-Cl(5)	1.59	20
19	12000HS-LoE(5,0.02)-Arg(6.5)-Cl(4)-Arg(6.5)-Cl(5)	1.57	17
20	12000HS-LoE(5,0.04)-Arg(6.5)-Cl(4)-Arg(6.5)-LoE(5,0.15)	1.41	23
21	12000HS-LoE(5,0.04)-Arg(6.5)-Cl(4)-Arg(6.5)-LoE(5,0.07)	1.37	24
22	12000HS-LoE(5,0.02)-Arg(6.5)-Cl(4)-Arg(6.5)-LoE(5,0.07)	1.36	21

## 12000 Series PVC Vertical Slider Window

Glass Option	Model Code	Window U-Value (W/m <sup>2</sup> K)	Energy Rating (ER)
1	12000VS-Cl(4)-Arg(17.5)-LoE(4,0.07)	1.69	33



# LABORATORIES

CERTIFICATION TESTING INSPECTION

VANCOUVER, BC: 877.461.8378 ph. | 604.527.8368 fx.  
 LOS ANGELES, CA: 909.483.0250 ph. | 909.483.0336 fx.  
 WASHINGTON, DC: 540.636.9445 ph. | 540.636.9414 fx.  
 TULSA, OK: 918.437.8333 ph. | 918.437.8487 fx.  
 TORONTO, ON: 416.550.9280  
 SEATTLE, WA: 425.512.8419  
 WEBSITE: WWW.QAI.ORG

2	12000VS-LoE(4,0.04)-Arg(17.5)-Cl(4)	1.64	20
3	12000VS-LoE(4,0.02)-Arg(17.5)-Cl(4)	1.61	17
4	12000VS-LoE(4,0.04)-Arg(17.5)-LoE(4,0.15)	1.41	25
5	12000VS-LoE(4,0.02)-Arg(17.5)-LoE(4,0.15)	1.39	21
6	12000VS-Cl(5)-Arg(16)-LoE(5,0.07)	1.67	33
7	12000VS-LoE(5,0.04)-Arg(16)-Cl(5)	1.62	21
8	12000VS-LoE(5,0.02)-Arg(16)-Cl(5)	1.60	17
9	12000VS-LoE(5,0.04)-Arg(16)-i89(5)	1.40	25
10	12000VS-LoE(5,0.02)-Arg(16)-i89(5)	1.38	21
11	12000VS-Cl(4)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.07)	1.53	34
12	12000VS-LoE(4,0.04)-Arg(7.5)-Cl(3)-Arg(7.5)-Cl(4)	1.51	22
13	12000VS-LoE(4,0.02)-Arg(7.5)-Cl(3)-Arg(7.5)-Cl(4)	1.50	19
14	12000VS-LoE(4,0.04)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.15)	1.35	25
15	12000VS-LoE(4,0.04)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.07)	1.29	26
16	12000VS-LoE(4,0.02)-Arg(7.5)-Cl(3)-Arg(7.5)-LoE(4,0.07)	1.29	23
17	12000VS-Cl(5)-Arg(6.5)-Cl(4)-Arg(6.5)-LoE(5,0.07)	1.60	31
18	12000VS-LoE(5,0.04)-Arg(6.5)-Cl(4)-Arg(6.5)-Cl(5)	1.59	20
19	12000VS-LoE(5,0.02)-Arg(6.5)-Cl(4)-Arg(6.5)-Cl(5)	1.57	17
20	12000VS-LoE(5,0.04)-Arg(6.5)-Cl(4)-Arg(6.5)-LoE(5,0.15)	1.40	24
21	12000VS-LoE(5,0.04)-Arg(6.5)-Cl(4)-Arg(6.5)-LoE(5,0.07)	1.37	24
22	12000VS-LoE(5,0.02)-Arg(6.5)-Cl(4)-Arg(6.5)-LoE(5,0.07)	1.36	21

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