

## WINDOWS & DOORS LISTING PROGRAM

**Customer:** Wintegra Windows Inc.  
**Class:** Fenestration Products – Energy Performance  
**Location:** Abbotsford, British Columbia  
**Website:** [www.wintegra.ca](http://www.wintegra.ca)

**Listing No.** W591-1  
**Project No.** W591-1 ED1  
**Effective Date:** April 29, 2022  
**Last Revised Date:** April 29, 2022  
**Expires:** N/A

**Standards:** CSA A440.2-19 “Fenestration Energy Performance”

**Product:** Vinyl Windows

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

- a) Manufacturer’s name, Trademark or other recognized symbol or identification.
- b) QAI file Number: W591
- c) QAI logo shown here:



- d) “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 / Ratings:

#### 190 Series Picture Window

GO #	Model Code	U-Value (W/m²K)	Product SHGC	Energy Rating
G01	WIN-190S-PC-3,270(2)-3,CL-13AR90SS	1.49	0.33	26
G02	WIN-190S-PC-3,366(2)-3,CL-13AR90SS	1.46	0.24	22
G03	WIN-190S-PC-3,366(2)-3,CL-13AR90SS-G1>1	1.46	0.20	19
G04	WIN-190S-PC-3,366(2)-3,i89(4)-13AR90SS	1.21	0.24	27
G05	WIN-190S-PC-3,366(2)-3,i89(4)-13AR90SS-G1>1	1.21	0.20	25
G06	WIN-190S-PC-4,366(2)-4,CL-11AR90SS	1.46	0.24	22

GO #	Model Code	U-Value (W/m <sup>2</sup> K)	Product SHGC	Energy Rating
G07	WIN-190S-PC-4,366(2)-4,CL-11AR90SS-G1>1	1.57	0.20	17
G08	WIN-190S-PC-4,366(2)-4,i89(4)-11AR90SS	1.23	0.24	27
G09	WIN-190S-PC-4,366(2)-4,i89(4)-11AR90SS-G1>1	1.37	0.20	21
G10	WIN-190S-PC-5,366(2)-5,CL-10AR90SS	1.54	0.25	21
G11	WIN-190S-PC-5,366(2)-5,CL-10AR90SS-G1>1	1.69	0.20	14
G12	WIN-190S-PC-5,366(2)-5,i89(4)-10AR90SS	1.29	0.24	25
G13	WIN-190S-PC-5,366(2)-5,i89(4)-10AR90SS-G1>1	1.46	0.20	19
G14	WIN-190S-PC-7,366LM(2)-3,CL-10AR90SS	1.52	0.25	21
G15	WIN-190S-PC-3,366(2)-7,CLLM-10AR90SS	1.52	0.24	20

### 190 Series Single Sliding Window

GO #	Model Code	U-Value (W/m <sup>2</sup> K)	Product SHGC	Energy Rating
G01	WIN-190S-SS-3,270(2)-3,CL-13AR90SS-R1	1.65	0.30	21
G02	WIN-190S-SS-3,366(2)-3,CL-13AR90SS-R2	1.60	0.22	17
G03	WIN-190S-SS-3,366(2)-3,CL-13AR90SS-R2-G1>1	1.60	0.18	15
G04	WIN-190S-SS-3,366(2)-3,i89(4)-13AR90SS-R1	1.41	0.22	21
G05	WIN-190S-SS-3,366(2)-3,i89(4)-13AR90SS-R1-G1>1	1.41	0.18	19
G06	WIN-190S-SS-3,366(2)-3,i89(4)-13AR90SS-R2	1.38	0.22	22
G07	WIN-190S-SS-3,366(2)-3,i89(4)-13AR90SS-R2-G1>1	1.38	0.18	20
G08	WIN-190S-SS-4,366(2)-4,CL-11AR90SS-R2	1.61	0.22	17
G09	WIN-190S-SS-4,366(2)-4,CL-11AR90SS-R2-G1>1	1.71	0.18	13
G10	WIN-190S-SS-4,366(2)-4,i89(4)-11AR90SS-R1	1.42	0.22	21
G11	WIN-190S-SS-4,366(2)-4,i89(4)-11AR90SS-R1-G1>1	1.54	0.18	16
G12	WIN-190S-SS-4,366(2)-4,i89(4)-11AR90SS-R2	1.40	0.22	22
G13	WIN-190S-SS-4,366(2)-4,i89(4)-11AR90SS-R2-G1>1	1.51	0.18	17
G14	WIN-190S-SS-5,366(2)-5,CL-10AR90SS-R2	1.68	0.23	16
G15	WIN-190S-SS-5,366(2)-5,CL-10AR90SS-R2-G1>1	1.82	0.18	10
G16	WIN-190S-SS-5,366(2)-5,i89(4)-10AR90SS-R2	1.46	0.22	20
G17	WIN-190S-SS-5,366(2)-5,i89(4)-10AR90SS-R2-G1>1	1.60	0.18	15
G18	WIN-190S-SS-7,366LM(2)-3,CL-10AR90SS-R2	1.67	0.23	16
G19	WIN-190S-SS-3,366(2)-7,CLLM-10AR90SS-R2	1.67	0.22	16

### 190 Series Single Hung Window

GO #	Model Code	U-Value (W/m <sup>2</sup> K)	Product SHGC	Energy Rating
G01	WIN-190S-SH-3,270(2)-3,CL-13AR90SS-R1	1.65	0.30	21
G02	WIN-190S-SH-3,366(2)-3,CL-13AR90SS-R2	1.60	0.22	17
G03	WIN-190S-SH-3,366(2)-3,CL-13AR90SS-R2-G1>1	1.60	0.18	15
G04	WIN-190S-SH-3,366(2)-3,i89(4)-13AR90SS-R1	1.40	0.22	22

GO #	Model Code	U-Value (W/m <sup>2</sup> K)	Product SHGC	Energy Rating
G05	WIN-190S-SH-3,366(2)-3,i89(4)-13AR90SS-R1-G1>1	1.40	0.18	20
G06	WIN-190S-SH-3,366(2)-3,i89(4)-13AR90SS-R2	1.38	0.22	22
G07	WIN-190S-SH-3,366(2)-3,i89(4)-13AR90SS-R2-G1>1	1.38	0.18	20
G08	WIN-190S-SH-4,366(2)-4,CL-11AR90SS-R2	1.61	0.22	17
G09	WIN-190S-SH-4,366(2)-4,CL-11AR90SS-R2-G1>1	1.71	0.18	13
G10	WIN-190S-SH-4,366(2)-4,i89(4)-11AR90SS-R1	1.42	0.22	21
G11	WIN-190S-SH-4,366(2)-4,i89(4)-11AR90SS-R1-G1>1	1.54	0.18	16
G12	WIN-190S-SH-4,366(2)-4,i89(4)-11AR90SS-R2	1.39	0.22	22
G13	WIN-190S-SH-4,366(2)-4,i89(4)-11AR90SS-R2-G1>1	1.51	0.18	17
G14	WIN-190S-SH-5,366(2)-5,CL-10AR90SS-R2	1.68	0.23	16
G15	WIN-190S-SH-5,366(2)-5,CL-10AR90SS-R2-G1>1	1.82	0.18	10
G16	WIN-190S-SH-5,366(2)-5,i89(4)-10AR90SS-R2	1.46	0.22	21
G17	WIN-190S-SH-5,366(2)-5,i89(4)-10AR90SS-R2-G1>1	1.61	0.18	15
G18	WIN-190S-SH-7,366LM(2)-3,CL-10AR90SS-R2	1.67	0.23	17
G19	WIN-190S-SH-3,366(2)-7,CLLM-10AR90SS-R2	1.67	0.22	16

**Notes:**

- Windows and doors 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.
- The materials, products or systems listed herein have been qualified to bear the QAI Listing Mark under the conditions stated with each Listing. Only those products bearing the QAI Listing Mark are considered to be listed by QAI.
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