WINDOWS & DOORS LISTING PROGRAM

Customer: Weifang Guoyi Aluminum Co., Ltd
Class: Fenestration Products – Energy Performance
Location: Weifang City, Shandong Province, China
Website: https://guoyilvcai.com/

Listing No. W616-1
Project No. W616-1 ED1
Effective Date: November 12, 2026
Last Revised Date: November 12, 2026
Expires: N/A

Standards: CSA A440.2-22 “Fenestration Energy Performance”

Product: Aluminum 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: W616
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:

GY-GR90D Fixed Window

Glass / Grille Option #	Model Code	U-Factor (W/m^2K)	Product SHGC	Energy Rating
G01	WGA-GY-GR90DFX-6,SJ65(2)-6,SJ65(4)-6,CSCL-12AR90AL-F1	1.18	0.19	25
G02	WGA-GY-GR90DFX-6,LB52(2)-6,C85(4)-6,CSCL-12AR90AL-F1	1.22	0.17	23
G03	WGA-GY-GR90DFX-6,SJ65(2)-6,88N(4)-12AR90AL-F1	1.64	0.24	18
G04	WGA-GY-GR90DFX-6,SJ60(2)-6,88NI(4)-12AR90AL-F1	1.65	0.25	18
G05	WGA-GY-GR90DFX-8,C57(2)-8,CSCL-12AR90T3-F1	1.73	0.24	16
G06	WGA-GY-GR90DFX-6,DLI(2)-6,CSCL-12AR90T3-F1	1.75	0.33	21
G07	WGA-GY-GR90DFX-6,C85(2)-6,CSCL-12AR90T3-F1	1.81	0.44	26
G08	WGA-GY-GR90DFX-6,SJ65(2)-6,C85(4)-6,CSCL-12AR90AL-F1	1.22	0.21	25
G09	WGA-GY-GR90DFX-6,DLI(2)-6,DLI(4)-6,CSCL-12AR90AL-F1	1.20	0.26	29
G10	WGA-GY-GR90DFX-6,J80A(2)-6,J80A(4)-6,TCL-12AR90AL/VIG-F1	0.99	0.24	32
G11	WGA-GY-GR90DFX-5,XT170(2)-5,XT170(4)-5,XCL-12AR90AL-F1	1.21	0.19	24
G12	WGA-GY-GR90DFX-6,T18(2)-6,T18(3)-12AR90AL-F1	1.83	0.30	17
G13	WGA-GY-GR90DFX-6,T18(2)-6,T18(3)-16AR90AL-F1	1.86	0.30	17
G14	WGA-GY-GR90DFX-8,U116(2)-8,CSCL-12AR90T3-F1	1.78	0.52	31
G15	WGA-GY-GR90DFX-6,T18(2)-6,CSCL-16AR90T3-F1	1.76	0.32	20
G16	WGA-GY-GR90DFX-6,T18(2)-6,CSCL-12AR90T3-F1	1.76	0.32	20
G17	WGA-GY-GR90DFX-6,OD80(2)-6,CSCL-12AR90T3-F1	1.81	0.32	19
G18	WGA-GY-GR90DFX-6,OD80(2)-6,CSCL-16AR90T3-F1	1.81	0.32	19
G19	WGA-GY-GR90DFX-6,OD80(2)-6,OD80(3)-12AR90T3-F1	1.75	0.30	19
G20	WGA-GY-GR90DFX-5,S116(2)-5,XCL-15AR90T3-F1	1.84	0.48	27

GY-GR90D Tilt & Turn Window

Glass / Grille Option #	Model Code	U-Factor (W/m^2K)	Product SHGC	Energy Rating
G01	WGA-GY-GR90DTT-6,SJ65(2)-6,SJ65(4)-6,CSCL-12AR90AL-F1	1.33	0.16	20
G02	WGA-GY-GR90DTT-6,LB52(2)-6,C85(4)-6,CSCL-12AR90AL-F1	1.36	0.15	19
G03	WGA-GY-GR90DTT-6,SJ65(2)-6,88N(4)-12AR90AL-F1	1.73	0.21	14
G04	WGA-GY-GR90DTT-6,SJ60(2)-6,88NI(4)-12AR90AL-F1	1.74	0.21	14
G05	WGA-GY-GR90DTT-8,C57(2)-8,CSCL-12AR90T3-F1	1.78	0.21	13
G06	WGA-GY-GR90DTT-6,DLI(2)-6,CSCL-12AR90T3-F1	1.79	0.28	17
G07	WGA-GY-GR90DTT-6,C85(2)-6,CSCL-12AR90T3-F1	1.85	0.37	21
G08	WGA-GY-GR90DTT-6,SJ65(2)-6,C85(4)-6,CSCL-12AR90AL-F1	1.36	0.18	20
G09	WGA-GY-GR90DTT-6,DLI(2)-6,DLI(4)-6,CSCL-12AR90AL-F1	1.35	0.22	23
G10	WGA-GY-GR90DTT-6,J80A(2)-6,J80A(4)-6,TCL-12AR90AL/VIG-F1	1.18	0.20	26
G11	WGA-GY-GR90DTT-5,XT170(2)-5,XT170(4)-5,XCL-12AR90AL-F1	1.35	0.17	20
G12	WGA-GY-GR90DTT-6,T18(2)-6,T18(3)-12AR90AL-F1	1.89	0.25	13
G13	WGA-GY-GR90DTT-6,T18(2)-6,T18(3)-16AR90AL-F1	1.91	0.25	12
G14	WGA-GY-GR90DTT-8,U116(2)-8,CSCL-12AR90T3-F1	1.83	0.43	25
G15	WGA-GY-GR90DTT-6,T18(2)-6,CSCL-16AR90T3-F1	1.80	0.27	16
G16	WGA-GY-GR90DTT-6,T18(2)-6,CSCL-12AR90T3-F1	1.81	0.27	16
G17	WGA-GY-GR90DTT-6,OD80(2)-6,CSCL-12AR90T3-F1	1.85	0.27	15
G18	WGA-GY-GR90DTT-6,OD80(2)-6,CSCL-16AR90T3-F1	1.85	0.27	15
G19	WGA-GY-GR90DTT-6,OD80(2)-6,OD80(3)-12AR90T3-F1	1.80	0.25	15
G20	WGA-GY-GR90DTT-5,S116(2)-5,XCL-15AR90T3-F1	1.87	0.40	22

Notes:

- Products 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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