



WINDOWS & DOORS LISTING PROGRAM

Customer: Golem Windows and Doors Inc.
Class: Fenestration Products – Energy Performance
Location: Richmond, British Columbia
Website: www.golemwindows.ca

Listing No. W594-1
Project No. W594-1 ED3
Effective Date: August 17, 2023
Last Revised Date: March 27, 2025
Expires: N/A

Standards: CSA A440.2 “Fenestration Energy Performance”

Product: Windows

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

- Manufacturer’s name, Trademark or other recognized symbol or identification.
- QAI file Number: W594
- QAI logo shown here:



- “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:

AWS 75 Series Picture Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	GOL-75PC-6,CL-6,D60(3)-16AR90TI-F1	1.71	0.42	27
G02	GOL-75PC-6,CL-6,D60(3)-16AR904S-F1	1.65	0.42	28
G03	GOL-75PC-6,S106(2)-6,S106(4)-16AR90SS-F1	1.30	0.33	30
G04	GOL-75PC-6,CL-6,D60(3)-6,D60(5)-16AR90TI-F1	0.99	0.31	36
G05	GOL-75PC-6,CL-6,D60(3)-6,D60(5)-16AR904S-F1	0.94	0.31	37



Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G06	GOL-75PC-6,S116(2)-6,S116(4)-6,S816(6)-16AR90SS-F1	0.85	0.39	44
G07	GOL-75PC-6,S106(2)-6,S106(4)-6,S816(6)-16AR90SS-F1	0.82	0.28	38
G08	GOL-75PC-6,EZ2(2)-6,EZ2(4)-6,EZ2(6)-14AR97SP-F1	0.81	0.45	48
G09	GOL-75PC-6,EZ2(2)-6,EZ2(4)-6,EZ2(6)-16AR97SP-F1	0.80	0.45	48
G10	GOL-75PC-6,P33L(2)-6,EZ2(4)-6,EZ2(6)-14/16AR97SP-F1	0.80	0.42	47
G11	GOL-75PC-6,EZ2(2)-6,EZ2(4)-6,EZ2(6)-6XE95SP-F1	0.78	0.45	49
G12	GOL-75PC-6,EZ2(2)-6,EZ2(4)-6,KN76(6)-14AR97SP-F1	0.80	0.37	44
G13	GOL-75PC-6,EZ2(2)-6,EZ2(4)-6,EZ2(6)-6,EZ2(8)-6XE95SP-F1	0.62	0.40	49
G14	GOL-75PC-4,EZ2(2)-4,EZ2(4)-4,EZ2(6)-4,EZ2(8)-14AR97SP-F1	0.63	0.41	50

AWS 75 Series Tilt & Turn Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	GOL-75TT-6,CL-6,D60(3)-16AR90TI-F1	1.78	0.36	21
G02	GOL-75TT-6,CL-6,D60(3)-16AR904S-F1	1.72	0.36	23
G03	GOL-75TT-6,S106(2)-6,S106(4)-16AR90SS-F1	1.42	0.28	24
G04	GOL-75TT-6,CL-6,D60(3)-6,D60(5)-16AR90TI-F1	1.16	0.27	30
G05	GOL-75TT-6,CL-6,D60(3)-6,D60(5)-16AR904S-F1	1.11	0.27	31
G06	GOL-75TT-6,S116(2)-6,S116(4)-6,S816(6)-16AR90SS-F1	1.03	0.33	36
G07	GOL-75TT-6,S106(2)-6,S106(4)-6,S816(6)-16AR90SS-F1	1.01	0.24	31
G08	GOL-75TT-6,EZ2(2)-6,EZ2(4)-6,EZ2(6)-14AR97SP-F1	0.97	0.38	40
G09	GOL-75TT-6,EZ2(2)-6,EZ2(4)-6,EZ2(6)-16AR97SP-F1	0.97	0.38	40
G10	GOL-75TT-6,P33L(2)-6,EZ2(4)-6,EZ2(6)-14/16AR97SP-F1	0.97	0.36	39
G11	GOL-75TT-6,EZ2(2)-6,EZ2(4)-6,EZ2(6)-6XE95SP-F1	0.97	0.38	40
G12	GOL-75TT-6,EZ2(2)-6,EZ2(4)-6,KN76(6)-14AR97SP-F1	0.97	0.32	37
G13	GOL-75TT-6,EZ2(2)-6,EZ2(4)-6,EZ2(6)-6,EZ2(8)-6XE95SP-F1	0.82	0.35	42
G14	GOL-75TT-4,EZ2(2)-4,EZ2(4)-4,EZ2(6)-4,EZ2(8)-14AR97SP-F1	0.82	0.35	42

AWS 75 Series Awning Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	GOL-75AW-6,CL-6,D60(3)-16AR90TI-F1	2.04	0.27	10
G02	GOL-75AW-6,CL-6,D60(3)-16AR904S-F1	1.92	0.27	13
G03	GOL-75AW-6,S106(2)-6,S106(4)-16AR90SS-F1	1.73	0.21	14
G04	GOL-75AW-6,CL-6,D60(3)-6,D60(5)-16AR90TI-F1	1.36	0.20	21
G05	GOL-75AW-6,CL-6,D60(3)-6,D60(5)-16AR904S-F1	1.29	0.20	23
G06	GOL-75AW-6,S116(2)-6,S116(4)-6,S816(6)-16AR90SS-F1	1.24	0.25	27
G07	GOL-75AW-6,S106(2)-6,S106(4)-6,S816(6)-16AR90SS-F1	1.22	0.18	23

**AWS 75 Series Casement Window**

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	GOL-75CA-6,CL-6,D60(3)-16AR90TI-F1	2.04	0.27	10
G02	GOL-75CA-6,CL-6,D60(3)-16AR904S-F1	1.92	0.27	13
G03	GOL-75CA-6,S106(2)-6,S106(4)-16AR90SS-F1	1.72	0.21	14
G04	GOL-75CA-6,CL-6,D60(3)-6,D60(5)-16AR90TI-F1	1.36	0.20	21
G05	GOL-75CA-6,CL-6,D60(3)-6,D60(5)-16AR904S-F1	1.30	0.20	22
G06	GOL-75CA-6,S116(2)-6,S116(4)-6,S816(6)-16AR90SS-F1	1.24	0.25	26
G07	GOL-75CA-6,S106(2)-6,S106(4)-6,S816(6)-16AR90SS-F1	1.22	0.18	23

AWS 90 Series Picture Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	GOL-90PC-6,EZ2(2)-6,EZ2(4)-6,EZ2(6)-14AR97SP-F1	0.75	0.41	N/A
G02	GOL-90PC-6,EZ2(2)-6,EZ2(4)-6,EZ2(6)-16AR97SP-F1	0.75	0.41	N/A
G03	GOL-90PC-6,P33L(2)-6,EZ2(4)-6,EZ2(6)-14/16AR97SP-F1	0.74	0.38	N/A
G04	GOL-90PC-6,EZ2(2)-6,EZ2(4)-6,EZ2(6)-6XE95SP-F1	0.74	0.41	N/A
G05	GOL-90PC-6,EZ2(2)-6,EZ2(4)-6,KN76(6)-14AR97SP-F1	0.74	0.35	N/A
G06	GOL-90PC-6,EZ2(2)-6,EZ2(4)-6,EZ2(6)-6,EZ2(8)-6XE95SP-F1	0.58	0.37	N/A
G07	GOL-90PC-4,EZ2(2)-4,EZ2(4)-4,EZ2(6)-4,EZ2(8)-14AR97SP-F1	0.58	0.38	N/A

AWS 90 Series Tilt & Turn Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	GOL-90TT-6,EZ2(2)-6,EZ2(4)-6,EZ2(6)-14AR97SP-F1	0.87	0.35	N/A
G02	GOL-90TT-6,EZ2(2)-6,EZ2(4)-6,EZ2(6)-16AR97SP-F1	0.89	0.35	N/A
G03	GOL-90TT-6,P33L(2)-6,EZ2(4)-6,EZ2(6)-14/16AR97SP-F1	0.89	0.33	N/A
G04	GOL-90TT-6,EZ2(2)-6,EZ2(4)-6,EZ2(6)-6XE95SP-F1	0.90	0.35	N/A
G05	GOL-90TT-6,EZ2(2)-6,EZ2(4)-6,KN76(6)-14AR97SP-F1	0.87	0.30	N/A
G06	GOL-90TT-6,EZ2(2)-6,EZ2(4)-6,EZ2(6)-6,EZ2(8)-6XE95SP-F1	0.75	0.32	N/A
G07	GOL-90TT-4,EZ2(2)-4,EZ2(4)-4,EZ2(6)-4,EZ2(8)-14AR97SP-F1	0.74	0.33	N/A



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.
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