



WINDOWS & DOORS LISTING PROGRAM

Customer: Hometech Window Corp.
Class: Fenestration Products – Energy Performance
Location: Concord, Ontario
Website: www.hometechwindow.com

Listing No. W558-1
Project No. W558-1 ED9
Effective Date: April 10, 2018
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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: W558
- 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:

Contemporary Series Reverse Hopper Basement Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	HTW-CBW-3,180(2)-3,180(4)-3,i89(6)-7AR97EN-F1	1.22	0.33	32
G02	HTW-CBW-3,180(2)-3,180(4)-3,i89(6)-7KR95EN-F1	1.04	0.33	36



Contour Series 100 Casement Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	HTW-100-CA-3,CL-3,180(3)-16AR97EN	1.58	0.43	30
G02	HTW-100-CA-3,CL-3,180(3)-16AR97EN-F2	1.49	0.43	32
G03	HTW-100-CA-3,CL-3,180(3)-16AR97EN-G1<1	1.58	0.39	28
G04	HTW-100-CA-3,CL-3,180(3)-16AR97EN-F2-G1<1	1.49	0.39	30
G05	HTW-100-CA-3,180(2)-3,i89(4)-16AR97EN	1.38	0.40	33
G06	HTW-100-CA-3,180(2)-3,i89(4)-16AR97EN-G1<1	1.38	0.36	30
G07	HTW-100-CA-3,180(2)-3,i89(4)-16AR97EN-F2-G1<1	1.28	0.36	33
G08	HTW-100-CA-3,CL-3,Di89(3,4)-16AR97EN	1.45	0.45	34
G09	HTW-100-CA-3,CL-3,Di89(3,4)-16KR97EN-F2-G1<1	1.32	0.41	35
G10	HTW-100-CA-3,366(2)-3,i89(4)-16AR97EN-F2	1.24	0.17	23
G11	HTW-100-CA-3,366(2)-3,180(4)-3,i89(6)-7AR95EN-F2	1.12	0.16	25
G12	HTW-100-CA-3,CL-3,CL-3,Di89(5,6)-7AR97EN-F2	1.30	0.39	34
G13	HTW-100-CA-3,CL-3,CL-3,Di89(5,6)-7AR97EN-F2-G1<1	1.37	0.39	30
G14	HTW-100-CA-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F2	1.14	0.39	38
G15	HTW-100-CA-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F2-G1<1	1.22	0.39	34
G16	HTW-100-CA-3,272(2)-3,CL-16AR97EN	1.54	0.27	22
G17	HTW-100-CA-3,366(2)-3,CL-16AR97EN	1.52	0.18	17
G18	HTW-100-CA-3,CL-3,180E(3)-16AR97EN	1.60	0.44	30
G19	HTW-100-CA-3,180E(2)-3,i89(4)-16AR97EN	1.39	0.41	33
G20	HTW-100-CA-3,180(2)-3,i89(4)-16AR97EN-F2	1.27	0.40	35
G21	HTW-100-CA-3,180(2)-3,i89(4)-16AR95EN	1.36	0.40	33
G22	HTW-100-CA-3,180(2)-3,i89(4)-16AR95EN-F2-G1<1	1.27	0.37	33
G23	HTW-100-CA-3,CL-3,180(4)-3,i89(6)-7AR95EN-F2	1.25	0.36	33
G24	HTW-100-CA-3,366(2)-3,366(4)-3,i89(6)-7AR95EN-F2	1.09	0.14	24
G25	HTW-100-CA-3,180(2)-3,i89(4)-16AR97SP	1.34	0.40	34
G26	HTW-100-CA-3,180(2)-3,i89(4)-16AR97SP-G1<1	1.34	0.37	32
G27	HTW-100-CA-3,CL-3,180(3)-16AR97SP-F4	1.43	0.43	34
G28	HTW-100-CA-3,CL-3,180(3)-16AR97SP-F4-G1<1	1.43	0.39	31
G29	HTW-100-CA-3,CL-3,180(3)-12AR97EN2-F2	1.49	0.44	33
G30	HTW-100-CA-3,CL-3,180(3)-12AR97EN-F2	1.48	0.44	33
G31	HTW-100-CA-3,CL-3,180(3)-12AR97EN-F4	1.44	0.44	34
G32	HTW-100-CA-3,CL-3,Di89(3,4)-12AR97EN-F2	1.37	0.45	36

Contour Series 125 Awning Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	HTW-125-AW-3,CL-3,180(3)-16AR97EN	1.60	0.43	30
G02	HTW-125-AW-3,CL-3,180(3)-16AR97EN-F2	1.53	0.43	31
G03	HTW-125-AW-3,CL-3,180(3)-16AR97EN-G1<1	1.60	0.39	27
G04	HTW-125-AW-3,CL-3,180(3)-16AR97EN-F2-G1<1	1.53	0.39	29
G05	HTW-125-AW-3,180(2)-3,i89(4)-16AR97EN	1.41	0.40	32
G06	HTW-125-AW-3,180(2)-3,i89(4)-16AR97EN-G1<1	1.41	0.37	30
G07	HTW-125-AW-3,180(2)-3,i89(4)-16AR97EN-F2-G1<1	1.34	0.37	32
G08	HTW-125-AW-3,CL-3,Di89(3,4)-16AR97EN	1.49	0.45	33
G09	HTW-125-AW-3,CL-3,Di89(3,4)-16KR97EN-F2-G1<1	1.39	0.41	33
G10	HTW-125-AW-3,366(2)-3,i89(4)-16AR97EN-F2	1.30	0.18	22



Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G11	HTW-125-AW-3,366(2)-3,180(4)-3,i89(6)-7AR95EN-F2	1.17	0.16	23
G12	HTW-125-AW-3,CL-3,CL-3,Di89(5,6)-7AR97EN-F2	1.36	0.39	32
G13	HTW-125-AW-3,CL-3,CL-3,Di89(5,6)-7AR97EN-F2-G1<1	1.40	0.39	30
G14	HTW-125-AW-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F2	1.19	0.40	37
G15	HTW-125-AW-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F2-G1<1	1.25	0.40	33
G16	HTW-125-AW-3,272(2)-3,CL-16AR97EN	1.56	0.27	21
G17	HTW-125-AW-3,366(2)-3,CL-16AR97EN	1.53	0.18	17
G18	HTW-125-AW-3,CL-3,180E(3)-16AR97EN	1.61	0.44	30
G19	HTW-125-AW-3,180E(2)-3,i89(4)-16AR97EN	1.42	0.42	33
G20	HTW-125-AW-3,180(2)-3,i89(4)-16AR97EN-F2	1.30	0.40	34
G21	HTW-125-AW-3,180(2)-3,i89(4)-16AR95EN	1.40	0.40	32
G22	HTW-125-AW-3,180(2)-3,i89(4)-16AR95EN-F2-G1<1	1.31	0.37	32
G23	HTW-125-AW-3,CL-3,180(4)-3,i89(6)-7AR95EN-F2	1.28	0.36	33
G24	HTW-125-AW-3,366(2)-3,366(4)-3,i89(6)-7AR95EN-F2	1.11	0.14	24
G25	HTW-125-AW-3,180(2)-3,i89(4)-16AR97SP	1.37	0.40	33
G26	HTW-125-AW-3,180(2)-3,i89(4)-16AR97SP-G1<1	1.37	0.37	31
G27	HTW-125-AW-3,CL-3,180(3)-12AR97EN-F5	1.44	0.44	34

Contour Series 150 Fixed Casement Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	HTW-150-FC-3,CL-3,180(3)-16AR97EN	1.56	0.51	35
G02	HTW-150-FC-3,CL-3,180(3)-16AR97EN-F2	1.47	0.51	37
G03	HTW-150-FC-3,CL-3,180(3)-16AR97EN-G1<1	1.56	0.46	32
G04	HTW-150-FC-3,CL-3,180(3)-16AR97EN-F2-G1<1	1.47	0.46	34
G05	HTW-150-FC-3,180(2)-3,i89(4)-16AR97EN	1.31	0.48	39
G06	HTW-150-FC-3,180(2)-3,i89(4)-16AR97EN-G1<1	1.31	0.43	36
G07	HTW-150-FC-3,180(2)-3,i89(4)-16AR97EN-F2-G1<1	1.21	0.43	38
G08	HTW-150-FC-3,CL-3,Di89(3,4)-16AR97EN	1.39	0.53	40
G09	HTW-150-FC-3,CL-3,Di89(3,4)-16KR97EN-F2-G1<1	1.26	0.48	40
G10	HTW-150-FC-3,366(2)-3,i89(4)-16AR97EN-F2	1.16	0.21	27
G11	HTW-150-FC-3,366(2)-3,180(4)-3,i89(6)-7AR95EN-F2	1.03	0.19	28
G12	HTW-150-FC-3,CL-3,CL-3,Di89(5,6)-7AR97EN-F2	1.23	0.46	40
G13	HTW-150-FC-3,CL-3,CL-3,Di89(5,6)-7AR97EN-F2-G1<1	1.33	0.42	35
G14	HTW-150-FC-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F2	1.04	0.47	44
G15	HTW-150-FC-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F2-G1<1	1.16	0.42	39
G16	HTW-150-FC-3,272(2)-3,CL-16AR97EN	1.51	0.32	25
G17	HTW-150-FC-3,366(2)-3,CL-16AR97EN	1.48	0.21	20
G18	HTW-150-FC-3,CL-3,180E(3)-16AR97EN	1.57	0.53	36
G19	HTW-150-FC-3,180E(2)-3,i89(4)-16AR97EN	1.32	0.49	39
G20	HTW-150-FC-3,180(2)-3,i89(4)-16AR97EN-F2	1.18	0.48	42
G21	HTW-150-FC-3,180(2)-3,i89(4)-16AR95EN	1.27	0.48	40
G22	HTW-150-FC-3,180(2)-3,i89(4)-16AR95EN-F2-G1<1	1.18	0.43	39
G23	HTW-150-FC-3,CL-3,180(4)-3,i89(6)-7AR95EN-F2	1.15	0.43	40
G24	HTW-150-FC-3,366(2)-3,366(4)-3,i89(6)-7AR95EN-F2	0.97	0.16	28
G25	HTW-150-FC-3,180(2)-3,i89(4)-16AR97SP	1.28	0.48	40
G26	HTW-150-FC-3,180(2)-3,i89(4)-16AR97SP-G1<1	1.28	0.43	37

**Contour Series 200 Single Sliding Window**

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	HTW-200-SS-3,CL-3,180(3)-16AR97EN	1.68	0.52	33
G02	HTW-200-SS-3,CL-3,180(3)-16AR97EN-F2	1.62	0.52	34
G03	HTW-200-SS-3,CL-3,180(3)-16AR97EN-G1<1	1.68	0.46	29
G04	HTW-200-SS-3,CL-3,180(3)-16AR97EN-F2-G1<1	1.62	0.46	31
G05	HTW-200-SS-3,180(2)-3,i89(4)-16AR97EN	1.44	0.48	36
G06	HTW-200-SS-3,180(2)-3,i89(4)-16AR97EN-G1<1	1.44	0.43	33
G07	HTW-200-SS-3,180(2)-3,i89(4)-16AR97EN-F2-G1<1	1.38	0.43	34
G08	HTW-200-SS-3,CL-3,Di89(3,4)-16AR97EN	1.52	0.53	37
G09	HTW-200-SS-3,CL-3,Di89(3,4)-16KR97EN-F2-G1<1	1.43	0.48	36
G10	HTW-200-SS-3,366(2)-3,i89(4)-16AR97EN-F2	1.33	0.21	22
G11	HTW-200-SS-3,366(2)-3,180(4)-3,i89(6)-7AR95EN-F2	1.18	0.19	25
G12	HTW-200-SS-3,CL-3,CL-3,Di89(5,6)-7AR97EN-F2	1.40	0.47	36
G13	HTW-200-SS-3,CL-3,CL-3,Di89(5,6)-7AR97EN-F2-G1<1	1.48	0.42	31
G14	HTW-200-SS-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F2	1.20	0.47	40
G15	HTW-200-SS-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F3	1.17	0.47	41
G16	HTW-200-SS-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F3-G1<1	1.28	0.42	36
G17	HTW-200-SS-3,272(2)-3,CL-16AR97EN	1.64	0.32	22
G18	HTW-200-SS-3,366(2)-3,CL-16AR97EN	1.60	0.21	17
G19	HTW-200-SS-3,180(2)-3,i89(4)-16AR97EN-F2	1.34	0.48	38
G20	HTW-200-SS-3,180(2)-3,i89(4)-16AR95EN	1.43	0.48	36
G21	HTW-200-SS-3,180(2)-3,i89(4)-16AR95EN-F3-G1<1	1.31	0.43	36
G22	HTW-200-SS-3,CL-3,180(4)-3,i89(6)-7AR95EN-F3	1.28	0.43	36
G23	HTW-200-SS-3,366(2)-3,366(4)-3,i89(6)-7AR95EN-F3	1.09	0.16	25
G24	HTW-200-SS-3,180(2)-3,i89(4)-16AR97SP-F3	1.33	0.48	38
G25	HTW-200-SS-3,180(2)-3,i89(4)-16AR97SP-F3-G1<1	1.33	0.43	35
G26	HTW-200-SS-3,366(2)-3,366(4)-3,i89(6)-7AR97SS-F4	1.06	0.16	25
G27	HTW-200-SS-3,272(2)-3,272(4)-3,i89(6)-7AR97SS-F4	1.07	0.25	30
G28	HTW-200-SS-3,366(2)-3,366(4)-3,i89(6)-7AR97SS-F5	1.05	0.16	26
G29	HTW-200-SS-3,272(2)-3,272(4)-3,i89(6)-7AR97SS-F5	1.07	0.25	30

Contour Series 250 Single Hung Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	HTW-250-SH-3,CL-3,180(3)-16AR97EN	1.68	0.52	33
G02	HTW-250-SH-3,CL-3,180(3)-16AR97EN-F2	1.62	0.52	34
G03	HTW-250-SH-3,CL-3,180(3)-16AR97EN-G1<1	1.68	0.46	29
G04	HTW-250-SH-3,CL-3,180(3)-16AR97EN-F2-G1<1	1.62	0.46	30
G05	HTW-250-SH-3,180(2)-3,i89(4)-16AR97EN	1.43	0.48	36
G06	HTW-250-SH-3,180(2)-3,i89(4)-16AR97EN-G1<1	1.43	0.43	33
G07	HTW-250-SH-3,180(2)-3,i89(4)-16AR97EN-F2-G1<1	1.37	0.43	34
G08	HTW-250-SH-3,CL-3,Di89(3,4)-16AR97EN	1.51	0.53	37
G09	HTW-250-SH-3,CL-3,Di89(3,4)-16KR97EN-F2-G1<1	1.42	0.48	36
G10	HTW-250-SH-3,366(2)-3,i89(4)-16AR97EN-F2	1.31	0.21	23
G11	HTW-250-SH-3,366(2)-3,180(4)-3,i89(6)-7AR95EN-F2	1.18	0.19	24
G12	HTW-250-SH-3,CL-3,CL-3,Di89(5,6)-7AR97EN-F2	1.39	0.47	36
G13	HTW-250-SH-3,CL-3,CL-3,Di89(5,6)-7AR97EN-F2-G1<1	1.48	0.42	31



Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G14	HTW-250-SH-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F2	1.20	0.47	40
G15	HTW-250-SH-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F3	1.13	0.47	42
G16	HTW-250-SH-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F3-G1<1	1.23	0.42	37
G17	HTW-250-SH-3,272(2)-3,CL-16AR97EN	1.63	0.32	22
G18	HTW-250-SH-3,366(2)-3,CL-16AR97EN	1.60	0.21	16
G19	HTW-250-SH-3,180(2)-3,i89(4)-16AR97EN-F2	1.33	0.48	38
G20	HTW-250-SH-3,180(2)-3,i89(4)-16AR95EN	1.42	0.48	36
G21	HTW-250-SH-3,180(2)-3,i89(4)-16AR95EN-F3-G1<1	1.30	0.43	36
G22	HTW-250-SH-3,CL-3,180(4)-3,i89(6)-7AR95EN-F3	1.27	0.43	36
G23	HTW-250-SH-3,366(2)-3,366(4)-3,i89(6)-7AR95EN-F3	1.08	0.16	25
G24	HTW-250-SH-3,180(2)-3,i89(4)-16AR97SP-F3	1.32	0.48	38
G25	HTW-250-SH-3,180(2)-3,i89(4)-16AR97SP-F3-G1<1	1.32	0.43	35
G26	HTW-250-SH-3,366(2)-3,366(4)-3,i89(6)-7AR97SS-F4	1.05	0.16	25
G27	HTW-250-SH-3,272(2)-3,272(4)-3,i89(6)-7AR97SS-F4	1.07	0.25	30
G28	HTW-250-SH-3,366(2)-3,366(4)-3,i89(6)-7AR97SS-F5	1.04	0.16	26
G29	HTW-250-SH-3,272(2)-3,272(4)-3,i89(6)-7AR97SS-F5	1.06	0.25	30

Contour Series 300 Double Sliding Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	HTW-300-DS-3,CL-3,180(3)-16AR97EN	1.67	0.52	32
G02	HTW-300-DS-3,CL-3,180(3)-16AR97EN-F2	1.61	0.52	33
G03	HTW-300-DS-3,CL-3,180(3)-16AR97EN-G1<1	1.67	0.46	29
G04	HTW-300-DS-3,CL-3,180(3)-16AR97EN-F2-G1<1	1.61	0.46	30
G05	HTW-300-DS-3,180(2)-3,i89(4)-16AR97EN	1.44	0.48	35
G06	HTW-300-DS-3,180(2)-3,i89(4)-16AR97EN-G1<1	1.44	0.43	32
G07	HTW-300-DS-3,180(2)-3,i89(4)-16AR97EN-F2-G1<1	1.38	0.43	33
G08	HTW-300-DS-3,CL-3,Di89(3,4)-16AR97EN	1.52	0.53	36
G09	HTW-300-DS-3,CL-3,Di89(3,4)-16KR97EN-F2-G1<1	1.43	0.48	35
G10	HTW-300-DS-3,366(2)-3,i89(4)-16AR97EN-F2	1.33	0.21	22
G11	HTW-300-DS-3,366(2)-3,180(4)-3,i89(6)-7AR95EN-F2	1.19	0.19	24
G12	HTW-300-DS-3,CL-3,CL-3,Di89(5,6)-7AR97EN-F2	1.40	0.47	35
G13	HTW-300-DS-3,CL-3,CL-3,Di89(5,6)-7AR97EN-F2-G1<1	1.48	0.42	30
G14	HTW-300-DS-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F2	1.21	0.47	39
G15	HTW-300-DS-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F3	1.20	0.47	39
G16	HTW-300-DS-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F3-G1<1	1.30	0.42	34
G17	HTW-300-DS-3,272(2)-3,CL-16AR97EN	1.63	0.32	21
G18	HTW-300-DS-3,366(2)-3,CL-16AR97EN	1.60	0.21	16
G19	HTW-300-DS-3,180(2)-3,i89(4)-16AR97EN-F2	1.34	0.46	36
G20	HTW-300-DS-3,180(2)-3,i89(4)-16AR95EN	1.43	0.46	34
G21	HTW-300-DS-3,180(2)-3,i89(4)-16AR95EN-F3-G1<1	1.31	0.41	34
G22	HTW-300-DS-3,CL-3,180(4)-3,i89(6)-7AR95EN-F3	1.28	0.41	34
G23	HTW-300-DS-3,366(2)-3,366(4)-3,i89(6)-7AR95EN-F3	1.09	0.15	23
G24	HTW-300-DS-3,CL-3,180(3)-16AR97EN-F3	1.54	0.49	33
G25	HTW-300-DS-3,180(2)-3,i89(4)-16AR97EN-F3	1.31	0.46	37
G26	HTW-300-DS-3,366(2)-3,366(4)-3,i89(6)-7AR97SS-F4	1.08	0.15	24
G27	HTW-300-DS-3,272(2)-3,272(4)-3,i89(6)-7AR97SS-F4	1.10	0.24	28
G28	HTW-300-DS-3,366(2)-3,366(4)-3,i89(6)-7AR97SS-F5	1.06	0.15	24
G29	HTW-300-DS-3,272(2)-3,272(4)-3,i89(6)-7AR97SS-F5	1.08	0.24	29



Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G30	HTW-300-DS-3,QSD(2)-3,QSD(4)-3,i89(6)-7AR97SS-F5	1.06	0.12	22
G31	HTW-300-DS-3,QSD(2)-3,QSD(4)-3,i89(6)-8AR97SS-F5	0.97	0.12	24
G32	HTW-300-DS-3,QSD(2)-3,366(4)-3,i89(6)-8AR97SS-F5	0.97	0.12	24
G33	HTW-300-DS-3,QSD(2)-3,272(4)-3,i89(6)-8AR97SS-F5	0.98	0.14	25

Contour Series 350 Double Hung Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	HTW-350-DH-3,CL-3,180(3)-16AR97EN	1.68	0.52	32
G02	HTW-350-DH-3,CL-3,180(3)-16AR97EN-F2	1.62	0.52	34
G03	HTW-350-DH-3,CL-3,180(3)-16AR97EN-G1<1	1.68	0.46	29
G04	HTW-350-DH-3,CL-3,180(3)-16AR97EN-F2-G1<1	1.62	0.46	30
G05	HTW-350-DH-3,180(2)-3,i89(4)-16AR97EN	1.43	0.48	35
G06	HTW-350-DH-3,180(2)-3,i89(4)-16AR97EN-G1<1	1.43	0.43	33
G07	HTW-350-DH-3,180(2)-3,i89(4)-16AR97EN-F2-G1<1	1.37	0.43	34
G08	HTW-350-DH-3,CL-3,Di89(3,4)-16AR97EN	1.51	0.53	37
G09	HTW-350-DH-3,CL-3,Di89(3,4)-16KR97EN-F2-G1<1	1.42	0.48	36
G10	HTW-350-DH-3,366(2)-3,i89(4)-16AR97EN-F2	1.31	0.21	22
G11	HTW-350-DH-3,366(2)-3,180(4)-3,i89(6)-7AR95EN-F2	1.18	0.19	24
G12	HTW-350-DH-3,CL-3,CL-3,Di89(5,6)-7AR97EN-F2	1.39	0.47	36
G13	HTW-350-DH-3,CL-3,CL-3,Di89(5,6)-7AR97EN-F2-G1<1	1.48	0.42	31
G14	HTW-350-DH-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F2	1.20	0.47	40
G15	HTW-350-DH-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F3	1.13	0.47	41
G16	HTW-350-DH-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F3-G1<1	1.23	0.42	36
G17	HTW-350-DH-3,272(2)-3,CL-16AR97EN	1.63	0.32	22
G18	HTW-350-DH-3,366(2)-3,CL-16AR97EN	1.60	0.21	16
G19	HTW-350-DH-3,180(2)-3,i89(4)-16AR97EN-F2	1.33	0.46	36
G20	HTW-350-DH-3,180(2)-3,i89(4)-16AR95EN	1.42	0.48	36
G21	HTW-350-DH-3,180(2)-3,i89(4)-16AR95EN-F3-G1<1	1.30	0.43	35
G22	HTW-350-DH-3,CL-3,180(4)-3,i89(6)-7AR95EN-F3	1.27	0.43	36
G23	HTW-350-DH-3,366(2)-3,366(4)-3,i89(6)-7AR95EN-F3	1.09	0.16	24
G24	HTW-350-DH-3,366(2)-3,366(4)-3,i89(6)-7AR97SS-F4	1.08	0.15	24
G25	HTW-350-DH-3,272(2)-3,272(4)-3,i89(6)-7AR97SS-F4	1.09	0.24	29
G26	HTW-350-DH-3,366(2)-3,366(4)-3,i89(6)-7AR97SS-F5	1.06	0.15	24
G27	HTW-350-DH-3,272(2)-3,272(4)-3,i89(6)-7AR97SS-F5	1.07	0.24	29
G28	HTW-350-DH-3,QSD(2)-3,QSD(4)-3,i89(6)-7AR97SS-F5	1.05	0.12	23
G29	HTW-350-DH-3,QSD(2)-3,QSD(4)-3,i89(6)-8AR97SS-F5	0.97	0.12	25
G30	HTW-350-DH-3,QSD(2)-3,366(4)-3,i89(6)-8AR97SS-F5	0.97	0.12	25
G31	HTW-350-DH-3,QSD(2)-3,272(4)-3,i89(6)-8AR97SS-F5	0.98	0.14	26



Contour Series 400 Picture Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	HTW-400-PC-3,CL-3,180(3)-16AR97EN	1.57	0.58	39
G02	HTW-400-PC-3,CL-3,180(3)-16AR97EN-F2	1.53	0.58	40
G03	HTW-400-PC-3,CL-3,180(3)-16AR97EN-G1<1	1.57	0.52	36
G04	HTW-400-PC-3,CL-3,180(3)-16AR97EN-F2-G1<1	1.53	0.52	36
G05	HTW-400-PC-3,180(2)-3,i89(4)-16AR97EN	1.30	0.54	43
G06	HTW-400-PC-3,180(2)-3,i89(4)-16AR97EN-G1<1	1.30	0.48	39
G07	HTW-400-PC-3,180(2)-3,i89(4)-16AR97EN-F2-G1<1	1.26	0.48	40
G08	HTW-400-PC-3,CL-3,Di89(3,4)-16AR97EN	1.39	0.60	44
G09	HTW-400-PC-3,CL-3,Di89(3,4)-16KR97EN-F2-G1<1	1.31	0.54	42
G10	HTW-400-PC-3,366(2)-3,i89(4)-16AR97EN-F2	1.19	0.23	27
G11	HTW-400-PC-3,366(2)-3,180(4)-3,i89(6)-7AR95EN-F2	1.04	0.21	29
G12	HTW-400-PC-3,CL-3,CL-3,Di89(5,6)-7AR97EN-F2	1.27	0.52	42
G13	HTW-400-PC-3,CL-3,CL-3,Di89(5,6)-7AR97EN-F2-G1<1	1.38	0.47	37
G14	HTW-400-PC-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F2	1.06	0.53	47
G15	HTW-400-PC-3,CL-3,CL-3,Di89(5,6)-7KR95EN-F2-G1<1	1.19	0.48	42
G16	HTW-400-PC-3,272(2)-3,CL-16AR97EN	1.53	0.35	27
G17	HTW-400-PC-3,366(2)-3,CL-16AR97EN	1.49	0.23	21
G18	HTW-400-PC-3,180(2)-3,i89(4)-16AR97EN-F2	1.23	0.54	44
G19	HTW-400-PC-3,180(2)-3,i89(4)-16AR95EN	1.29	0.54	43
G20	HTW-400-PC-3,180(2)-3,i89(4)-16AR95EN-F2-G1<1	1.24	0.49	41
G21	HTW-400-PC-3,CL-3,180(4)-3,i89(6)-7AR95EN-F2	1.21	0.48	41
G22	HTW-400-PC-3,366(2)-3,366(4)-3,i89(6)-7AR95EN-F2	1.00	0.18	28
G23	HTW-400-PC-3,180(2)-3,i89(4)-16AR97SP	1.27	0.54	43
G24	HTW-400-PC-3,180(2)-3,i89(4)-16AR97SP-G1<1	1.27	0.49	40

700 Series Casement Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	HTW-700-CA-3,CL-3,CL-3,180(5)-13AR97EN	1.22	0.39	36
G02	HTW-700-CA-3,180(2)-3,CL-3,180(5)-13AR97EN	1.04	0.37	38
G03	HTW-700-CA-3,CL-3,CL-3,272(5)-13AR97EN	1.19	0.30	31
G04	HTW-700-CA-3,272(2)-3,CL-3,CL-13AR97EN	1.23	0.25	27
G05	HTW-700-CA-3,366(2)-3,CL-3,CL-13AR97EN	1.21	0.16	23
G06	HTW-700-CA-3,180(2)-3,CL-3,i89(6)-13AR97EN	1.12	0.37	37
G07	HTW-700-CA-3,272(2)-3,CL-3,180(5)-13AR97EN	1.02	0.24	31
G08	HTW-700-CA-3,272(2)-3,180(4)-3,i89(6)-13AR97EN	0.95	0.23	32
G09	HTW-700-CA-3,CL-3,CL-3,180(5)-13AR97EN-G1<1	1.22	0.35	33
G10	HTW-700-CA-3,180(2)-3,CL-3,180(5)-13AR97EN-G1<1	1.04	0.33	36
G11	HTW-700-CA-3,CL-3,CL-3,272(5)-13AR97EN-G1<1	1.19	0.27	29
G12	HTW-700-CA-3,272(2)-3,CL-3,CL-13AR97EN-G1<1	1.23	0.23	26
G13	HTW-700-CA-3,366(2)-3,CL-3,CL-13AR97EN-G1<1	1.21	0.15	22
G14	HTW-700-CA-3,180(2)-3,CL-3,i89(6)-13AR97EN-G1<1	1.12	0.33	34
G15	HTW-700-CA-3,272(2)-3,CL-3,180(5)-13AR97EN-G1<1	1.02	0.22	30
G16	HTW-700-CA-3,272(2)-3,180(4)-3,i89(6)-13AR97EN-G1<1	0.95	0.21	31
G17	HTW-700-CA-3,CL-3,CL-3,180(5)-13AR97EN-F1	1.17	0.39	37
G18	HTW-700-CA-3,180(2)-3,CL-3,180(5)-13AR97EN-F1	0.99	0.37	39



Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G19	HTW-700-CA-3,CL-3,CL-3,272(5)-13AR97EN-F1	1.15	0.30	32
G20	HTW-700-CA-3,272(2)-3,CL-3,CL-13AR97EN-F1	1.18	0.25	28
G21	HTW-700-CA-3,366(2)-3,CL-3,CL-13AR97EN-F1	1.16	0.16	24
G22	HTW-700-CA-3,180(2)-3,CL-3,i89(6)-13AR97EN-F1	1.08	0.37	38
G23	HTW-700-CA-3,272(2)-3,CL-3,180(5)-13AR97EN-F1	0.97	0.24	32
G24	HTW-700-CA-3,272(2)-3,180(4)-3,i89(6)-13AR97EN-F1	0.91	0.23	33
G25	HTW-700-CA-3,180(2)-3,CL-3,i89(6)-13AR97SP	1.09	0.37	37
G26	HTW-700-CA-3,180(2)-3,CL-3,i89(6)-13AR97SP-G1<1	1.09	0.34	36

725 Series Awning Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	HTW-725-AW-3,CL-3,CL-3,180(5)-13AR97EN	1.22	0.39	36
G02	HTW-725-AW-3,180(2)-3,CL-3,180(5)-13AR97EN	1.03	0.37	39
G03	HTW-725-AW-3,CL-3,CL-3,272(5)-13AR97EN	1.20	0.30	31
G04	HTW-725-AW-3,272(2)-3,CL-3,CL-13AR97EN	1.23	0.25	27
G05	HTW-725-AW-3,366(2)-3,CL-3,CL-13AR97EN	1.21	0.16	23
G06	HTW-725-AW-3,180(2)-3,CL-3,i89(6)-13AR97EN	1.14	0.37	36
G07	HTW-725-AW-3,272(2)-3,CL-3,180(5)-13AR97EN	1.02	0.24	31
G08	HTW-725-AW-3,272(2)-3,180(4)-3,i89(6)-13AR97EN	0.96	0.23	32
G09	HTW-725-AW-3,CL-3,CL-3,180(5)-13AR97EN-G1<1	1.22	0.35	33
G10	HTW-725-AW-3,180(2)-3,CL-3,180(5)-13AR97EN-G1<1	1.03	0.34	37
G11	HTW-725-AW-3,CL-3,CL-3,272(5)-13AR97EN-G1<1	1.20	0.27	29
G12	HTW-725-AW-3,272(2)-3,CL-3,CL-13AR97EN-G1<1	1.23	0.23	26
G13	HTW-725-AW-3,366(2)-3,CL-3,CL-13AR97EN-G1<1	1.21	0.15	22
G14	HTW-725-AW-3,180(2)-3,CL-3,i89(6)-13AR97EN-G1<1	1.14	0.34	34
G15	HTW-725-AW-3,272(2)-3,CL-3,180(5)-13AR97EN-G1<1	1.02	0.22	30
G16	HTW-725-AW-3,272(2)-3,180(4)-3,i89(6)-13AR97EN-G1<1	0.96	0.21	31
G17	HTW-725-AW-3,CL-3,CL-3,180(5)-13AR97EN-F1	1.18	0.39	36
G18	HTW-725-AW-3,180(2)-3,CL-3,180(5)-13AR97EN-F1	0.99	0.37	39
G19	HTW-725-AW-3,CL-3,CL-3,272(5)-13AR97EN-F1	1.15	0.30	32
G20	HTW-725-AW-3,272(2)-3,CL-3,CL-13AR97EN-F1	1.18	0.25	28
G21	HTW-725-AW-3,366(2)-3,CL-3,CL-13AR97EN-F1	1.17	0.16	23
G22	HTW-725-AW-3,180(2)-3,CL-3,i89(6)-13AR97EN-F1	1.09	0.37	37
G23	HTW-725-AW-3,272(2)-3,CL-3,180(5)-13AR97EN-F1	0.97	0.24	32
G24	HTW-725-AW-3,272(2)-3,180(4)-3,i89(6)-13AR97EN-F1	0.91	0.23	33
G25	HTW-725-AW-3,180(2)-3,CL-3,i89(6)-13AR97SP	1.11	0.37	37
G26	HTW-725-AW-3,180(2)-3,CL-3,i89(6)-13AR97SP-G1<1	1.11	0.34	35



750 Series Fixed Casement Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	HTW-750-FC-3,CL-3,CL-3,180(5)-13AR97EN	1.15	0.46	41
G02	HTW-750-FC-3,180(2)-3,CL-3,180(5)-13AR97EN	0.94	0.44	45
G03	HTW-750-FC-3,CL-3,CL-3,272(5)-13AR97EN	1.13	0.36	36
G04	HTW-750-FC-3,272(2)-3,CL-3,CL-13AR97EN	1.17	0.29	31
G05	HTW-750-FC-3,366(2)-3,CL-3,CL-13AR97EN	1.15	0.19	26
G06	HTW-750-FC-3,180(2)-3,CL-3,i89(6)-13AR97EN	1.04	0.44	43
G07	HTW-750-FC-3,272(2)-3,CL-3,180(5)-13AR97EN	0.92	0.29	37
G08	HTW-750-FC-3,272(2)-3,180(4)-3,i89(6)-13AR97EN	0.84	0.28	38
G09	HTW-750-FC-3,CL-3,CL-3,180(5)-13AR97EN-G1<1	1.15	0.41	38
G10	HTW-750-FC-3,180(2)-3,CL-3,180(5)-13AR97EN-G1<1	0.94	0.39	42
G11	HTW-750-FC-3,CL-3,CL-3,272(5)-13AR97EN-G1<1	1.13	0.32	34
G12	HTW-750-FC-3,272(2)-3,CL-3,CL-13AR97EN-G1<1	1.17	0.26	29
G13	HTW-750-FC-3,366(2)-3,CL-3,CL-13AR97EN-G1<1	1.15	0.18	25
G14	HTW-750-FC-3,180(2)-3,CL-3,i89(6)-13AR97EN-G1<1	1.04	0.39	40
G15	HTW-750-FC-3,272(2)-3,CL-3,180(5)-13AR97EN-G1<1	0.92	0.26	35
G16	HTW-750-FC-3,272(2)-3,180(4)-3,i89(6)-13AR97EN-G1<1	0.84	0.25	36
G17	HTW-750-FC-3,CL-3,CL-3,180(5)-13AR97EN-F1	1.09	0.46	43
G18	HTW-750-FC-3,180(2)-3,CL-3,180(5)-13AR97EN-F1	0.87	0.44	46
G19	HTW-750-FC-3,CL-3,CL-3,272(5)-13AR97EN-F1	1.06	0.36	38
G20	HTW-750-FC-3,272(2)-3,CL-3,CL-13AR97EN-F1	1.10	0.29	33
G21	HTW-750-FC-3,366(2)-3,CL-3,CL-13AR97EN-F1	1.08	0.19	27
G22	HTW-750-FC-3,180(2)-3,CL-3,i89(6)-13AR97EN-F1	0.98	0.44	44
G23	HTW-750-FC-3,272(2)-3,CL-3,180(5)-13AR97EN-F1	0.85	0.29	38
G24	HTW-750-FC-3,272(2)-3,180(4)-3,i89(6)-13AR97EN-F1	0.77	0.28	39
G25	HTW-750-FC-3,180(2)-3,CL-3,i89(6)-13AR97SP	1.02	0.44	43
G26	HTW-750-FC-3,180(2)-3,CL-3,i89(6)-13AR97SP-G1<1	1.02	0.39	40

Contemporary Series 2100/2700 Casement Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	HTW-2100-CA-3,180(2)-3,CL-13AR95EN	1.43	0.45	35
G02	HTW-2100-CA-3,180(2)-3,i89(4)-13AR95EN	1.22	0.44	39
G03	HTW-2100-CA-3,180(2)-3,i89(4)-13AR95EN-F1	1.18	0.44	39
G04	HTW-2100-CA-3,180(2)-3,i89(4)-13AR95EN-F1-G1<1	1.18	0.40	37
G05	HTW-2100-CA-3,180(2)-3,i89(4)-13AR95EN-F2	1.20	0.44	39
G06	HTW-2100-CA-3,CL-3,Di89(3,4)-13AR97EN	1.30	0.49	40
G07	HTW-2100-CA-3,CL-3,Di89(3,4)-13AR97EN-G1<1	1.30	0.44	37
G08	HTW-2100-CA-3,366(2)-3,180(3)-13AR97EN	1.34	0.19	22
G09	HTW-2100-CA-3,366(2)-3,180(3)-13AR97EN-G1<1	1.34	0.17	20
G10	HTW-2100-CA-3,272(2)-3,180(3)-13AR97EN	1.36	0.29	27
G11	HTW-2100-CA-3,272(2)-3,180(3)-13AR97EN-G1<1	1.36	0.26	25
G12	HTW-2700-CA-3,180(2)-3,180(4)-3,CL-13AR95EN	0.90	0.38	42
G13	HTW-2700-CA-3,180(2)-3,180(4)-3,CL-13AR95EN-G1<1	0.90	0.35	40
G14	HTW-2700-CA-3,180(2)-3,180(4)-3,i89(6)-13AR95EN	0.83	0.37	43
G15	HTW-2700-CA-3,180(2)-3,180(4)-3,i89(6)-13AR95EN-G1<1	0.83	0.34	41
G16	HTW-2700-CA-3,180(2)-3,180(4)-3,i89(6)-13AR95EN-F1	0.79	0.37	44



Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G17	HTW-2700-CA-3,366(2)-3,366(4)-3,i89(6)-13AR97EN	0.79	0.14	31
G18	HTW-2700-CA-3,366(2)-3,366(4)-3,i89(6)-13AR97EN-G1<1	0.79	0.13	30
G19	HTW-2100-CA-3,CL-3,180(3)-13AR97EN	1.43	0.47	36
G20	HTW-2100-CA-3,180(2)-3,i89(4)-13AR97EN	1.23	0.44	38
G21	HTW-2100-CA-3,272(2)-3,CL-13AR97EN	1.39	0.29	26
G22	HTW-2100-CA-3,272(2)-3,i89(4)-13AR97EN	1.20	0.28	30
G23	HTW-2100-CA-3,366(2)-3,CL-13AR97EN	1.36	0.19	21
G24	HTW-2100-CA-3,366(2)-3,i89(4)-13AR97EN	1.18	0.19	25
G25	HTW-2700-CA-3,CL-3,CL-3,180(5)-13AR97EN	1.12	0.42	40
G26	HTW-2700-CA-3,180(2)-3,CL-3,180(5)-13AR97EN	0.92	0.39	42
G27	HTW-2700-CA-3,180(2)-3,CL-3,i89(6)-13AR97EN	1.03	0.40	41
G28	HTW-2700-CA-3,CL-3,CL-3,272(5)-13AR97EN	1.09	0.32	35
G29	HTW-2700-CA-3,272(2)-3,CL-3,180(5)-13AR97EN	0.91	0.26	35
G30	HTW-2700-CA-3,272(2)-3,CL-3,i89(6)-13AR97EN	1.01	0.26	33
G31	HTW-2700-CA-3,272(2)-3,180(4)-3,i89(6)-13AR97EN	0.84	0.25	36
G32	HTW-2700-CA-3,366(2)-3,CL-3,CL-13AR97EN	1.11	0.18	26
G33	HTW-2700-CA-3,366(2)-3,CL-3,i89(6)-13AR97EN	0.99	0.17	28
G34	HTW-2100-CA-3,CL-3,180(3)-13AR97EN-G1<1	1.43	0.43	34
G35	HTW-2100-CA-3,180(2)-3,i89(4)-13AR97EN-G1<1	1.23	0.40	36
G36	HTW-2100-CA-3,272(2)-3,CL-13AR97EN-G1<1	1.39	0.27	25
G37	HTW-2100-CA-3,272(2)-3,i89(4)-13AR97EN-G1<1	1.20	0.26	29
G38	HTW-2100-CA-3,366(2)-3,CL-13AR97EN-G1<1	1.36	0.18	21
G39	HTW-2100-CA-3,366(2)-3,i89(4)-13AR97EN-G1<1	1.18	0.17	24
G40	HTW-2700-CA-3,CL-3,CL-3,180(5)-13AR97EN-G1<1	1.12	0.38	37
G41	HTW-2700-CA-3,180(2)-3,CL-3,180(5)-13AR97EN-G1<1	0.92	0.36	41
G42	HTW-2700-CA-3,180(2)-3,CL-3,i89(6)-13AR97EN-G1<1	1.03	0.37	39
G43	HTW-2700-CA-3,CL-3,CL-3,272(5)-13AR97EN-G1<1	1.09	0.30	33
G44	HTW-2700-CA-3,272(2)-3,CL-3,180(5)-13AR97EN-G1<1	0.91	0.24	34
G45	HTW-2700-CA-3,272(2)-3,CL-3,i89(6)-13AR97EN-G1<1	1.01	0.24	32
G46	HTW-2700-CA-3,272(2)-3,180(4)-3,i89(6)-13AR97EN-G1<1	0.84	0.23	35
G47	HTW-2700-CA-3,366(2)-3,CL-3,CL-13AR97EN-G1<1	1.11	0.16	25
G48	HTW-2700-CA-3,366(2)-3,CL-3,i89(6)-13AR97EN-G1<1	0.99	0.16	28
G49	HTW-2100-CA-3,CL-3,180(3)-13AR97EN-F1	1.39	0.47	37
G50	HTW-2100-CA-3,180(2)-3,i89(4)-13AR97EN-F1	1.19	0.44	39
G51	HTW-2100-CA-3,272(2)-3,CL-13AR97EN-F1	1.36	0.29	27
G52	HTW-2100-CA-3,272(2)-3,i89(4)-13AR97EN-F1	1.16	0.28	31
G53	HTW-2100-CA-3,366(2)-3,CL-13AR97EN-F1	1.32	0.19	22
G54	HTW-2100-CA-3,366(2)-3,i89(4)-13AR97EN-F1	1.13	0.19	26
G55	HTW-2700-CA-3,CL-3,CL-3,180(5)-13AR97EN-F1	1.08	0.42	41
G56	HTW-2700-CA-3,180(2)-3,CL-3,180(5)-13AR97EN-F1	0.88	0.39	43
G57	HTW-2700-CA-3,180(2)-3,CL-3,i89(6)-13AR97EN-F1	0.98	0.40	42
G58	HTW-2700-CA-3,CL-3,CL-3,272(5)-13AR97EN-F1	1.05	0.32	35
G59	HTW-2700-CA-3,272(2)-3,CL-3,180(5)-13AR97EN-F1	0.86	0.26	36
G60	HTW-2700-CA-3,272(2)-3,CL-3,i89(6)-13AR97EN-F1	0.96	0.26	34
G61	HTW-2700-CA-3,272(2)-3,180(4)-3,i89(6)-13AR97EN-F1	0.79	0.25	37
G62	HTW-2700-CA-3,366(2)-3,CL-3,CL-13AR97EN-F1	1.07	0.18	27
G63	HTW-2700-CA-3,366(2)-3,CL-3,i89(6)-13AR97EN-F1	0.95	0.17	29
G64	HTW-2100-CA-3,180(2)-3,i89(4)-13AR97SP	1.21	0.44	39
G65	HTW-2100-CA-3,180(2)-3,i89(4)-13AR97SP-G1<1	1.21	0.40	37
G66	HTW-2700-CA-3,CL-3,CL-3,180(5)-13AR97SP	1.09	0.42	40
G67	HTW-2700-CA-3,CL-3,CL-3,180(5)-13AR97SP-G1<1	1.09	0.38	38



Contemporary Series 2125/2725 Awning Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	HTW-2125-AW-3,180(2)-3,CL-13AR95EN	1.44	0.45	34
G02	HTW-2125-AW-3,180(2)-3,i89(4)-13AR95EN	1.26	0.44	38
G03	HTW-2125-AW-3,180(2)-3,i89(4)-13AR95EN-F1	1.21	0.44	39
G04	HTW-2125-AW-3,180(2)-3,i89(4)-13AR95EN-F1-G1<1	1.21	0.40	36
G05	HTW-2125-AW-3,180(2)-3,i89(4)-13AR95EN-F2	1.23	0.44	38
G06	HTW-2125-AW-3,CL-3,Di89(3,4)-13AR97EN	1.34	0.49	39
G07	HTW-2125-AW-3,CL-3,Di89(3,4)-13AR97EN-G1<1	1.34	0.45	37
G08	HTW-2125-AW-3,366(2)-3,180(3)-13AR97EN	1.36	0.19	21
G09	HTW-2125-AW-3,366(2)-3,180(3)-13AR97EN-G1<1	1.36	0.18	20
G10	HTW-2125-AW-3,272(2)-3,180(3)-13AR97EN	1.37	0.29	27
G11	HTW-2125-AW-3,272(2)-3,180(3)-13AR97EN-G1<1	1.37	0.26	25
G12	HTW-2725-AW-3,180(2)-3,180(4)-3,CL-13AR95EN	0.91	0.38	42
G13	HTW-2725-AW-3,180(2)-3,180(4)-3,CL-13AR95EN-G1<1	0.91	0.35	40
G14	HTW-2725-AW-3,180(2)-3,180(4)-3,i89(6)-13AR95EN	0.84	0.38	43
G15	HTW-2725-AW-3,180(2)-3,180(4)-3,i89(6)-13AR95EN-G1<1	0.84	0.34	41
G16	HTW-2725-AW-3,180(2)-3,180(4)-3,i89(6)-13AR95EN-F1	0.80	0.38	44
G17	HTW-2725-AW-3,366(2)-3,366(4)-3,i89(6)-13AR97EN	0.80	0.15	31
G18	HTW-2725-AW-3,366(2)-3,366(4)-3,i89(6)-13AR97EN-G1<1	0.80	0.13	30
G19	HTW-2125-AW-3,CL-3,180(3)-13AR97EN	1.45	0.47	35
G20	HTW-2125-AW-3,180(2)-3,i89(4)-13AR97EN	1.26	0.44	38
G21	HTW-2125-AW-3,272(2)-3,CL-13AR97EN	1.41	0.29	26
G22	HTW-2125-AW-3,272(2)-3,i89(4)-13AR97EN	1.23	0.29	30
G23	HTW-2125-AW-3,366(2)-3,CL-13AR97EN	1.37	0.19	21
G24	HTW-2125-AW-3,366(2)-3,i89(4)-13AR97EN	1.21	0.19	24
G25	HTW-2725-AW-3,CL-3,CL-3,180(5)-13AR97EN	1.12	0.42	40
G26	HTW-2725-AW-3,180(2)-3,CL-3,180(5)-13AR97EN	0.92	0.39	42
G27	HTW-2725-AW-3,180(2)-3,CL-3,i89(6)-13AR97EN	1.04	0.40	40
G28	HTW-2725-AW-3,CL-3,CL-3,272(5)-13AR97EN	1.09	0.33	35
G29	HTW-2725-AW-3,272(2)-3,CL-3,180(5)-13AR97EN	0.91	0.26	35
G30	HTW-2725-AW-3,272(2)-3,CL-3,i89(6)-13AR97EN	1.02	0.26	32
G31	HTW-2725-AW-3,272(2)-3,180(4)-3,i89(6)-13AR97EN	0.84	0.25	36
G32	HTW-2725-AW-3,366(2)-3,CL-3,CL-13AR97EN	1.12	0.18	26
G33	HTW-2725-AW-3,366(2)-3,CL-3,i89(6)-13AR97EN	1.01	0.17	28
G34	HTW-2125-AW-3,CL-3,180(3)-13AR97EN-G1<1	1.45	0.43	33
G35	HTW-2125-AW-3,180(2)-3,i89(4)-13AR97EN-G1<1	1.26	0.40	35
G36	HTW-2125-AW-3,272(2)-3,CL-13AR97EN-G1<1	1.41	0.27	25
G37	HTW-2125-AW-3,272(2)-3,i89(4)-13AR97EN-G1<1	1.23	0.26	28
G38	HTW-2125-AW-3,366(2)-3,CL-13AR97EN-G1<1	1.37	0.18	20
G39	HTW-2125-AW-3,366(2)-3,i89(4)-13AR97EN-G1<1	1.21	0.17	23
G40	HTW-2725-AW-3,CL-3,CL-3,180(5)-13AR97EN-G1<1	1.12	0.38	37
G41	HTW-2725-AW-3,180(2)-3,CL-3,180(5)-13AR97EN-G1<1	0.92	0.36	40
G42	HTW-2725-AW-3,180(2)-3,CL-3,i89(6)-13AR97EN-G1<1	1.04	0.37	38
G43	HTW-2725-AW-3,CL-3,CL-3,272(5)-13AR97EN-G1<1	1.09	0.30	33
G44	HTW-2725-AW-3,272(2)-3,CL-3,180(5)-13AR97EN-G1<1	0.91	0.24	34
G45	HTW-2725-AW-3,272(2)-3,CL-3,i89(6)-13AR97EN-G1<1	1.02	0.24	31
G46	HTW-2725-AW-3,272(2)-3,180(4)-3,i89(6)-13AR97EN-G1<1	0.84	0.23	35
G47	HTW-2725-AW-3,366(2)-3,CL-3,CL-13AR97EN-G1<1	1.12	0.16	25
G48	HTW-2725-AW-3,366(2)-3,CL-3,i89(6)-13AR97EN-G1<1	1.01	0.16	27
G49	HTW-2125-AW-3,CL-3,180(3)-13AR97EN-F1	1.40	0.47	36
G50	HTW-2125-AW-3,180(2)-3,i89(4)-13AR97EN-F1	1.22	0.44	38
G51	HTW-2125-AW-3,272(2)-3,CL-13AR97EN-F1	1.36	0.29	27
G52	HTW-2125-AW-3,272(2)-3,i89(4)-13AR97EN-F1	1.19	0.29	30
G53	HTW-2125-AW-3,366(2)-3,CL-13AR97EN-F1	1.33	0.19	22



Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G54	HTW-2125-AW-3,366(2)-3,i89(4)-13AR97EN-F1	1.16	0.19	25
G55	HTW-2725-AW-3,CL-3,CL-3,180(5)-13AR97EN-F1	1.08	0.42	40
G56	HTW-2725-AW-3,180(2)-3,CL-3,180(5)-13AR97EN-F1	0.88	0.39	43
G57	HTW-2725-AW-3,180(2)-3,CL-3,i89(6)-13AR97EN-F1	1.00	0.40	41
G58	HTW-2725-AW-3,CL-3,CL-3,272(5)-13AR97EN-F1	1.05	0.33	36
G59	HTW-2725-AW-3,272(2)-3,CL-3,180(5)-13AR97EN-F1	0.86	0.26	36
G60	HTW-2725-AW-3,272(2)-3,CL-3,i89(6)-13AR97EN-F1	0.98	0.26	33
G61	HTW-2725-AW-3,272(2)-3,180(4)-3,i89(6)-13AR97EN-F1	0.80	0.25	37
G62	HTW-2725-AW-3,366(2)-3,CL-3,CL-13AR97EN-F1	1.07	0.18	27
G63	HTW-2725-AW-3,366(2)-3,CL-3,i89(6)-13AR97EN-F1	0.96	0.17	29
G64	HTW-2125-AW-3,180(2)-3,i89(4)-13AR97SP	1.24	0.44	38
G65	HTW-2125-AW-3,180(2)-3,i89(4)-13AR97SP-G1<1	1.24	0.40	36
G66	HTW-2725-AW-3,CL-3,CL-3,180(5)-13AR97SP	1.09	0.42	40
G67	HTW-2725-AW-3,CL-3,CL-3,180(5)-13AR97SP-G1<1	1.09	0.38	38

Contemporary Series 2150/2750 Fixed Casement Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	HTW-2150-FC-3,180(2)-3,CL-13AR95EN	1.44	0.52	38
G02	HTW-2150-FC-3,180(2)-3,i89(4)-13AR95EN	1.20	0.50	43
G03	HTW-2150-FC-3,180(2)-3,i89(4)-13AR95EN-F1	1.15	0.50	44
G04	HTW-2150-FC-3,180(2)-3,i89(4)-13AR95EN-F1-G1<1	1.15	0.45	41
G05	HTW-2150-FC-3,180(2)-3,i89(4)-13AR95EN-F2	1.20	0.50	43
G06	HTW-2150-FC-3,CL-3,Di89(3,4)-13AR97EN	1.29	0.56	44
G07	HTW-2150-FC-3,CL-3,Di89(3,4)-13AR97EN-G1<1	1.29	0.50	41
G08	HTW-2150-FC-3,366(2)-3,180(3)-13AR97EN	1.34	0.22	23
G09	HTW-2150-FC-3,366(2)-3,180(3)-13AR97EN-G1<1	1.34	0.20	22
G10	HTW-2150-FC-3,272(2)-3,180(3)-13AR97EN	1.36	0.33	29
G11	HTW-2150-FC-3,272(2)-3,180(3)-13AR97EN-G1<1	1.36	0.30	28
G12	HTW-2750-FC-3,180(2)-3,180(4)-3,CL-13AR95EN	0.85	0.44	47
G13	HTW-2750-FC-3,180(2)-3,180(4)-3,CL-13AR95EN-G1<1	0.85	0.39	44
G14	HTW-2750-FC-3,180(2)-3,180(4)-3,i89(6)-13AR95EN	0.77	0.43	48
G15	HTW-2750-FC-3,180(2)-3,180(4)-3,i89(6)-13AR95EN-G1<1	0.77	0.39	46
G16	HTW-2750-FC-3,180(2)-3,180(4)-3,i89(6)-13AR95EN-F1	0.73	0.43	49
G17	HTW-2750-FC-3,366(2)-3,366(4)-3,i89(6)-13AR97EN	0.72	0.16	33
G18	HTW-2750-FC-3,366(2)-3,366(4)-3,i89(6)-13AR97EN-G1<1	0.72	0.15	33
G19	HTW-2150-FC-3,CL-3,180(3)-13AR97EN	1.44	0.54	40
G20	HTW-2150-FC-3,180(2)-3,i89(4)-13AR97EN	1.20	0.50	43
G21	HTW-2150-FC-3,272(2)-3,CL-13AR97EN	1.40	0.33	28
G22	HTW-2150-FC-3,272(2)-3,i89(4)-13AR97EN	1.17	0.33	33
G23	HTW-2150-FC-3,366(2)-3,CL-13AR97EN	1.36	0.22	23
G24	HTW-2150-FC-3,366(2)-3,i89(4)-13AR97EN	1.14	0.22	28
G25	HTW-2750-FC-3,CL-3,CL-3,180(5)-13AR97EN	1.09	0.48	44
G26	HTW-2750-FC-3,180(2)-3,CL-3,180(5)-13AR97EN	0.86	0.45	47
G27	HTW-2750-FC-3,180(2)-3,CL-3,i89(6)-13AR97EN	0.98	0.46	45
G28	HTW-2750-FC-3,CL-3,CL-3,272(5)-13AR97EN	1.06	0.37	38
G29	HTW-2750-FC-3,272(2)-3,CL-3,180(5)-13AR97EN	0.84	0.30	39
G30	HTW-2750-FC-3,272(2)-3,CL-3,i89(6)-13AR97EN	0.95	0.30	37
G31	HTW-2750-FC-3,272(2)-3,180(4)-3,i89(6)-13AR97EN	0.76	0.29	40



Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G32	HTW-2750-FC-3,366(2)-3,CL-3,CL-13AR97EN	1.08	0.20	28
G33	HTW-2750-FC-3,366(2)-3,CL-3,i89(6)-13AR97EN	0.94	0.20	31
G34	HTW-2150-FC-3,CL-3,180(3)-13AR97EN-G1<1	1.44	0.49	37
G35	HTW-2150-FC-3,180(2)-3,i89(4)-13AR97EN-G1<1	1.20	0.45	40
G36	HTW-2150-FC-3,272(2)-3,CL-13AR97EN-G1<1	1.40	0.30	27
G37	HTW-2150-FC-3,272(2)-3,i89(4)-13AR97EN-G1<1	1.17	0.29	31
G38	HTW-2150-FC-3,366(2)-3,CL-13AR97EN-G1<1	1.36	0.20	22
G39	HTW-2150-FC-3,366(2)-3,i89(4)-13AR97EN-G1<1	1.14	0.20	27
G40	HTW-2750-FC-3,CL-3,CL-3,180(5)-13AR97EN-G1<1	1.09	0.43	41
G41	HTW-2750-FC-3,180(2)-3,CL-3,180(5)-13AR97EN-G1<1	0.86	0.40	44
G42	HTW-2750-FC-3,180(2)-3,CL-3,i89(6)-13AR97EN-G1<1	0.98	0.41	42
G43	HTW-2750-FC-3,CL-3,CL-3,272(5)-13AR97EN-G1<1	1.06	0.34	36
G44	HTW-2750-FC-3,272(2)-3,CL-3,180(5)-13AR97EN-G1<1	0.84	0.27	37
G45	HTW-2750-FC-3,272(2)-3,CL-3,i89(6)-13AR97EN-G1<1	0.95	0.27	35
G46	HTW-2750-FC-3,272(2)-3,180(4)-3,i89(6)-13AR97EN-G1<1	0.76	0.26	38
G47	HTW-2750-FC-3,366(2)-3,CL-3,CL-13AR97EN-G1<1	1.08	0.18	27
G48	HTW-2750-FC-3,366(2)-3,CL-3,i89(6)-13AR97EN-G1<1	0.94	0.18	30
G49	HTW-2150-FC-3,CL-3,180(3)-13AR97EN-F1	1.40	0.54	41
G50	HTW-2150-FC-3,180(2)-3,i89(4)-13AR97EN-F1	1.16	0.50	43
G51	HTW-2150-FC-3,272(2)-3,CL-13AR97EN-F1	1.36	0.33	29
G52	HTW-2150-FC-3,272(2)-3,i89(4)-13AR97EN-F1	1.12	0.33	35
G53	HTW-2150-FC-3,366(2)-3,CL-13AR97EN-F1	1.31	0.22	24
G54	HTW-2150-FC-3,366(2)-3,i89(4)-13AR97EN-F1	1.09	0.22	29
G55	HTW-2750-FC-3,CL-3,CL-3,180(5)-13AR97EN-F1	1.03	0.48	45
G56	HTW-2750-FC-3,180(2)-3,CL-3,180(5)-13AR97EN-F1	0.80	0.45	48
G57	HTW-2750-FC-3,180(2)-3,CL-3,i89(6)-13AR97EN-F1	0.92	0.46	46
G58	HTW-2750-FC-3,CL-3,CL-3,272(5)-13AR97EN-F1	1.00	0.37	39
G59	HTW-2750-FC-3,272(2)-3,CL-3,180(5)-13AR97EN-F1	0.79	0.30	40
G60	HTW-2750-FC-3,272(2)-3,CL-3,i89(6)-13AR97EN-F1	0.90	0.30	38
G61	HTW-2750-FC-3,272(2)-3,180(4)-3,i89(6)-13AR97EN-F1	0.71	0.29	41
G62	HTW-2750-FC-3,366(2)-3,CL-3,CL-13AR97EN-F1	1.02	0.20	29
G63	HTW-2750-FC-3,366(2)-3,CL-3,i89(6)-13AR97EN-F1	0.88	0.20	32
G64	HTW-2150-FC-3,CL-3,180(3)-13AR97SP	1.36	0.54	41
G65	HTW-2150-FC-3,CL-3,180(3)-13AR97SP-G1<1	1.36	0.49	39
G66	HTW-2750-FC-3,CL-3,CL-3,180(5)-13AR97SP	1.07	0.48	44
G67	HTW-2750-FC-3,CL-3,CL-3,180(5)-13AR97SP-G1<1	1.07	0.43	41

Contemporary Series 2400/2740 Low Profile Fixed Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	HTW-2400-PC-3,180(2)-3,CL-13AR95EN	1.48	0.56	40
G02	HTW-2400-PC-3,180(2)-3,i89(4)-13AR95EN	1.22	0.54	44
G03	HTW-2400-PC-3,180(2)-3,i89(4)-13AR95EN-F1	1.19	0.54	45
G04	HTW-2400-PC-3,180(2)-3,i89(4)-13AR95EN-F1-G1<1	1.19	0.49	42
G05	HTW-2400-PC-3,180(2)-3,i89(4)-13AR95EN-F2	1.21	0.54	45
G06	HTW-2400-PC-3,CL-3,Di89(3,4)-13AR97EN	1.31	0.60	46
G07	HTW-2400-PC-3,CL-3,Di89(3,4)-13AR97EN-G1<1	1.31	0.54	42
G08	HTW-2400-PC-3,366(2)-3,180(3)-13AR97EN	1.37	0.23	23
G09	HTW-2400-PC-3,366(2)-3,180(3)-13AR97EN-G1<1	1.37	0.21	22



Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G10	HTW-2400-PC-3,272(2)-3,180(3)-13AR97EN	1.39	0.35	30
G11	HTW-2400-PC-3,272(2)-3,180(3)-13AR97EN-G1<1	1.39	0.32	28
G12	HTW-2740-PC-3,180(2)-3,180(4)-3,CL-13AR95EN	0.84	0.47	49
G13	HTW-2740-PC-3,180(2)-3,180(4)-3,CL-13AR95EN-G1<1	0.84	0.43	46
G14	HTW-2740-PC-3,180(2)-3,180(4)-3,i89(6)-13AR95EN	0.76	0.46	50
G15	HTW-2740-PC-3,180(2)-3,180(4)-3,i89(6)-13AR95EN-G1<1	0.76	0.42	48
G16	HTW-2740-PC-3,180(2)-3,180(4)-3,i89(6)-13AR95EN-F1	0.73	0.46	51
G17	HTW-2740-PC-3,366(2)-3,366(4)-3,i89(6)-13AR97EN	0.70	0.18	35
G18	HTW-2740-PC-3,366(2)-3,366(4)-3,i89(6)-13AR97EN-G1<1	0.70	0.16	34
G19	HTW-2400-PC-3,CL-3,180(3)-13AR97EN	1.48	0.58	41
G20	HTW-2400-PC-3,180(2)-3,i89(4)-13AR97EN	1.22	0.54	44
G21	HTW-2400-PC-3,272(2)-3,CL-13AR97EN	1.43	0.36	29
G22	HTW-2400-PC-3,272(2)-3,i89(4)-13AR97EN	1.18	0.35	34
G23	HTW-2400-PC-3,366(2)-3,CL-13AR97EN	1.39	0.24	23
G24	HTW-2400-PC-3,366(2)-3,i89(4)-13AR97EN	1.15	0.23	28
G25	HTW-2740-PC-3,CL-3,CL-3,180(5)-13AR97EN	1.10	0.52	46
G26	HTW-2740-PC-3,180(2)-3,CL-3,180(5)-13AR97EN	0.85	0.48	49
G27	HTW-2740-PC-3,180(2)-3,CL-3,i89(6)-13AR97EN	0.98	0.49	47
G28	HTW-2740-PC-3,CL-3,CL-3,272(5)-13AR97EN	1.06	0.40	40
G29	HTW-2740-PC-3,272(2)-3,CL-3,180(5)-13AR97EN	0.83	0.32	40
G30	HTW-2740-PC-3,272(2)-3,CL-3,i89(6)-13AR97EN	0.95	0.32	38
G31	HTW-2740-PC-3,272(2)-3,180(4)-3,i89(6)-13AR97EN	0.75	0.31	41
G32	HTW-2740-PC-3,366(2)-3,CL-3,CL-13AR97EN	1.09	0.22	29
G33	HTW-2740-PC-3,366(2)-3,CL-3,i89(6)-13AR97EN	0.94	0.21	32
G34	HTW-2400-PC-3,CL-3,180(3)-13AR97EN-G1<1	1.48	0.53	38
G35	HTW-2400-PC-3,180(2)-3,i89(4)-13AR97EN-G1<1	1.22	0.49	42
G36	HTW-2400-PC-3,272(2)-3,CL-13AR97EN-G1<1	1.43	0.32	27
G37	HTW-2400-PC-3,272(2)-3,i89(4)-13AR97EN-G1<1	1.18	0.32	33
G38	HTW-2400-PC-3,366(2)-3,CL-13AR97EN-G1<1	1.39	0.21	22
G39	HTW-2400-PC-3,366(2)-3,i89(4)-13AR97EN-G1<1	1.15	0.21	27
G40	HTW-2740-PC-3,CL-3,CL-3,180(5)-13AR97EN-G1<1	1.10	0.47	43
G41	HTW-2740-PC-3,180(2)-3,CL-3,180(5)-13AR97EN-G1<1	0.85	0.44	47
G42	HTW-2740-PC-3,180(2)-3,CL-3,i89(6)-13AR97EN-G1<1	0.98	0.45	45
G43	HTW-2740-PC-3,CL-3,CL-3,272(5)-13AR97EN-G1<1	1.06	0.36	38
G44	HTW-2740-PC-3,272(2)-3,CL-3,180(5)-13AR97EN-G1<1	0.83	0.29	39
G45	HTW-2740-PC-3,272(2)-3,CL-3,i89(6)-13AR97EN-G1<1	0.95	0.29	36
G46	HTW-2740-PC-3,272(2)-3,180(4)-3,i89(6)-13AR97EN-G1<1	0.75	0.28	40
G47	HTW-2740-PC-3,366(2)-3,CL-3,CL-13AR97EN-G1<1	1.09	0.20	28
G48	HTW-2740-PC-3,366(2)-3,CL-3,i89(6)-13AR97EN-G1<1	0.94	0.19	30
G49	HTW-2400-PC-3,CL-3,180(3)-13AR97EN-F1	1.44	0.58	42
G50	HTW-2400-PC-3,180(2)-3,i89(4)-13AR97EN-F1	1.18	0.54	45
G51	HTW-2400-PC-3,272(2)-3,CL-13AR97EN-F1	1.39	0.36	30
G52	HTW-2400-PC-3,272(2)-3,i89(4)-13AR97EN-F1	1.14	0.35	35
G53	HTW-2400-PC-3,366(2)-3,CL-13AR97EN-F1	1.35	0.24	24
G54	HTW-2400-PC-3,366(2)-3,i89(4)-13AR97EN-F1	1.11	0.23	29
G55	HTW-2740-PC-3,CL-3,CL-3,180(5)-13AR97EN-F1	1.06	0.52	47
G56	HTW-2740-PC-3,180(2)-3,CL-3,180(5)-13AR97EN-F1	0.82	0.48	50
G57	HTW-2740-PC-3,180(2)-3,CL-3,i89(6)-13AR97EN-F1	0.94	0.49	48
G58	HTW-2740-PC-3,CL-3,CL-3,272(5)-13AR97EN-F1	1.03	0.40	41
G59	HTW-2740-PC-3,272(2)-3,CL-3,180(5)-13AR97EN-F1	0.80	0.32	41
G60	HTW-2740-PC-3,272(2)-3,CL-3,i89(6)-13AR97EN-F1	0.92	0.32	38
G61	HTW-2740-PC-3,272(2)-3,180(4)-3,i89(6)-13AR97EN-F1	0.71	0.31	42
G62	HTW-2740-PC-3,366(2)-3,CL-3,CL-13AR97EN-F1	1.06	0.22	29
G63	HTW-2740-PC-3,366(2)-3,CL-3,i89(6)-13AR97EN-F1	0.90	0.21	32
G64	HTW-2400-PC-3,CL-3,180(3)-13AR97SP	1.47	0.58	41
G65	HTW-2400-PC-3,CL-3,180(3)-13AR97SP-G1<1	1.47	0.53	38



Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G66	HTW-2740-PC-3,CL-3,CL-3,180(5)-13AR97SP	1.08	0.52	46
G67	HTW-2740-PC-3,CL-3,CL-3,180(5)-13AR97SP-G1<1	1.08	0.47	43

Side-Hinged Basement Window

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	HTW-SHBW-3,180(2)-3,i89(4)-13AR97SP	1.41	0.38	31
G02	HTW-SHBW-3,366(2)-3,i89(4)-13AR97SP-F2	1.22	0.17	23

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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