

FENESTRATION LISTING PROGRAM

Customer: Vinylguard Window and Doors Systems Ltd.
 Class: Fenestration Products – Energy Performance
 Location: Woodbridge, ON
 Website: www.vinylguard.com
 Listing No. W559-1
 Report No. W559-1 ED3
 Effective Date: May 24, 2018
 Last Revised Date: April 25, 2023
 Expires: N/A
 Standards: CSA A440.2 Fenestration Energy Performance
 Product: Vinyl 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 file Number: W559
- c) The wording “Evaluated for energy performance in accordance with CSA A440.2”
- d) The wording “Évalué pour la performance d’énergie en accord à la norme CSA A440.2”
- e) QAI logo with ‘c’ identifier as shown here:



Models / Ratings:

VINYL ENERGYGUARD BEVELED AWNING WINDOW

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
B-AW-3/4-3,CL-3,80/70(3)-0.5AR90	1.57	33
B-AW-3/4-3,CL-3,80/70(3)-0.5AR90-GR	1.59	30
B-AW-7/8-3,63/31(2)-3,IS20(4)-0.625AR90	1.33	23
B-AW-7/8-3,71/38(2)-3,IS20(4)-0.625AR90	1.33	26
B-AW-7/8-3,CL-3,272(3)-0.625AR90	1.51	26
B-AW-7/8-3,CL-3,366(3)-0.625AR90	1.48	23
B-AW-7/8-3,CL-3,63/31(3)-0.625AR90	1.49	25
B-AW-7/8-3,CL-3,71/38(3)-0.625AR90	1.49	26
B-AW-7/8-3,CL-3,71/38(3)-0.625AR90-GR	1.49	25
B-AW-7/8-3,CL-3,80/70(3)-0.625AR90	1.59	32

VINYL ENERGYGUARD BEVELED CASEMENT WINDOW

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
B-CA-3/4-3,CL-3,80/70(3)-0.5AR90	1.55	33
B-CA-3/4-3,CL-3,80/70(3)-0.5AR90-GR	1.59	30
B-CA-7/8-3,63/31(2)-3,IS20(4)-0.625AR90	1.29	24
B-CA-7/8-3,71/38(2)-3,IS20(4)-0.625AR90	1.29	27
B-CA-7/8-3,CL-3,272(3)-0.625AR90	1.50	27
B-CA-7/8-3,CL-3,366(3)-0.625AR90	1.47	23
B-CA-7/8-3,CL-3,63/31(3)-0.625AR90	1.47	25
B-CA-7/8-3,CL-3,71/38(3)-0.625AR90	1.48	26
B-CA-7/8-3,CL-3,71/38(3)-0.625AR90-GR	1.48	25
B-CA-7/8-3,CL-3,80/70(3)-0.625AR90	1.57	33

VINYL ENERGYGUARD BEVELED FIXED CASEMENT WINDOW

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
B-FC-3/4-3,CL-3,80/70(3)-0.5AR90	1.60	36
B-FC-3/4-3,CL-3,80/70(3)-0.5AR90-GR	1.62	36
B-FC-7/8-3,63/31(2)-3,IS20(4)-0.625AR90	1.30	25
B-FC-7/8-3,71/38(2)-3,IS20(4)-0.625AR90	1.30	29
B-FC-7/8-3,CL-3,272(3)-0.625AR90	1.54	29
B-FC-7/8-3,CL-3,366(3)-0.625AR90	1.50	25
B-FC-7/8-3,CL-3,63/31(3)-0.625AR90	1.51	27
B-FC-7/8-3,CL-3,71/38(3)-0.625AR90	1.51	29
B-FC-7/8-3,CL-3,71/38(3)-0.625AR90-GR	1.51	27
B-FC-7/8-3,CL-3,80/70(3)-0.625AR90	1.65	33



VINYL ENERGYGUARD CONTOURED AWNING WINDOW

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
C-AW-1-1/8-3,71/38(2)-3,71/38(4)-3,IS20(6)-0.375AR90	1.00	29
C-AW-1-1/8-3,71/38(2)-3,71/38(4)-3,IS20(6)-0.375AR90F	0.97	30
C-AW-1-1/8-3,71/38(2)-3,71/38(4)-3,IS20(6)-0.375KR90	0.87	32
C-AW-1-1/8-3,71/38(2)-3,71/38(4)-3,IS20(6)-0.375KR90F	0.83	33
C-AW-1-1/8-3,CL-3,71/38(3)-3,71/38(5)-0.375AR90	1.03	32
C-AW-1-1/8-3,CL-3,71/38(3)-3,71/38(5)-0.375AR90F	1.00	32
C-AW-1-1/8-3,CL-3,80/70(3)-3,IS20(6)-0.375AR90	1.23	35
C-AW-1-1/8-3,CL-3,80/70(3)-3,IS20(6)-0.375AR90F	1.12	38
C-AW-1-1/8-3,CL-3,80/70(3)-3,IS20(6)-0.375KR90	1.12	38
C-AW-1-1/8-3,CL-3,80/70(3)-3,IS20(6)-0.375KR90F	1.08	39
C-AW-1-1/8-3,CL-3,CL-3,71/38(5)-0.375AR90	1.22	30
C-AW-1-1/8-3,CL-3,CL-3,71/38(5)-0.375AR90F	1.18	31
C-AW-1-3,180(2)-3,180(4)-3,189(6)-0.323AR97	1.09	35
C-AW-1-3,180(2)-3,180(4)-3,189(6)-0.323AR97GR	1.10	33
C-AW-1-3,180(2)-3,CL-3,180(5)-0.323AR97	1.13	35
C-AW-1-3,180(2)-3,CL-3,180(5)-0.323AR97F	1.09	36
C-AW-1-3,180(2)-3,CL-3,180(5)-0.323AR97GR	1.16	33
C-AW-1-3,180(2)-3,CL-3,180(5)-0.323AR97GRF	1.12	34
C-AW-3/4-3,80/70(2)-3,IS20(4)-0.5AR90	1.35	34
C-AW-3/4-3,80/70(2)-3,IS20(4)-0.5AR90F	1.29	36
C-AW-3/4-3,80/70(2)-3,IS20(4)-0.5AR90GR	1.36	32
C-AW-3/4-3,CL-3,80/70(3)-0.5AR90	1.53	32
C-AW-3/4-3,CL-3,80/70(3)-0.5AR90F	1.47	33
C-AW-3/4-3,CL-3,80/70(3)-0.5AR90GR	1.55	30
C-AW-7/8-3,180(2)-3,189(4)-0.625AR90F	1.24	36
C-AW-7/8-3,63/31(2)-3,IS20(4)-0.625AR90	1.29	23
C-AW-7/8-3,63/31(2)-3,IS20(4)-0.625AR90F	1.23	24
C-AW-7/8-3,71/38(2)-3,IS20(4)-0.625AR90	1.29	26
C-AW-7/8-3,71/38(2)-3,IS20(4)-0.625AR90F	1.23	27
C-AW-7/8-3,80/70(2)-3,IS20(4)-0.625AR90	1.36	34
C-AW-7/8-3,CL-3,272(3)-0.625AR90	1.46	26
C-AW-7/8-3,CL-3,272(3)-0.625AR90F	1.4	28
C-AW-7/8-3,CL-3,366(3)-0.625AR90	1.43	23
C-AW-7/8-3,CL-3,366(3)-0.625AR90F	1.37	24
C-AW-7/8-3,CL-3,63/31(3)-0.625AR90	1.44	25
C-AW-7/8-3,CL-3,63/31(3)-0.625AR90F	1.38	26
C-AW-7/8-3,CL-3,71/38(3)-0.625AR90	1.44	26

VINYL ENERGYGUARD CONTOURED AWNING WINDOW (CONTINUED)

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
C-AW-7/8-3,CL-3,71/38(3)-0.625AR90F	1.38	27
C-AW-7/8-3,CL-3,71/38(3)-0.625AR90GR	1.44	24
C-AW-7/8-3,CL-3,71/38(3)-0.625AR90GRF	1.38	26
C-AW-7/8-3,CL-3,80/70(3)-0.625AR90	1.53	32
VGW-CAW-3,CL-3,8071(3)-16AR97SP	1.50	34
VGW-CAW-3,CL-3,366(3)-16AR97SP	1.40	24
VGW-CAW-3,CL-3,180E(3)-16AR97SP	1.50	33
VGW-CAW-3,CL-3,272(3)-16AR97SP	1.45	27
VGW-CAW-3,180E(2)-3,i89(4)-16AR97SP	1.30	36
VGW-CAW-3,CL-3,8071(3)-16AR97SP-G<1	1.50	31
VGW-CAW-3,CL-3,366(3)-16AR97SP-G<1	1.40	23
VGW-CAW-3,CL-3,180E(3)-16AR97SP-G<1	1.50	31
VGW-CAW-3,CL-3,272(3)-16AR97SP-G<1	1.45	25
VGW-CAW-3,180E(2)-3,i89(4)-16AR97SP-G<1	1.30	33
VGW-CAW-3,180(2)-3,CL-3,180(5)-8AR97SP	1.12	36
VGW-CAW-3,8071(2)-3,CL-3,8071(5)-8AR97SP	1.13	37
VGW-CAW-3,CL-3,CL-3,180(5)-8AR97SP	1.30	34
VGW-CAW-3,CL-3,CL-3,8071(5)-8AR97SP	1.31	35
VGW-CAW-3,366(2)-3,CL-3,366(5)-8AR97SP	1.08	25
VGW-CAW-3,8071(2)-3,CL-3,i89(5)-8AR97SP	1.18	36
VGW-CAW-3,180E(2)-3,CL-3,180E(5)-8AR97SP	1.13	37
VGW-CAW-3,8071(2)-3,CL-3,8071(5)-9AR97SP	1.09	38
VGW-CAW-3,366(2)-3,CL-3,366(5)-9AR97SP	1.03	26

VINYL ENERGYGUARD CONTOURED CASEMENT WINDOW

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
C-CA-1-1/8-3,71/38(2)-3,71/38(4)-3,IS20(6)-0.375AR90	0.99	30
C-CA-1-1/8-3,71/38(2)-3,71/38(4)-3,IS20(6)-0.375AR90F	0.93	31
C-CA-1-1/8-3,71/38(2)-3,71/38(4)-3,IS20(6)-0.375KR90	0.86	33
C-CA-1-1/8-3,71/38(2)-3,71/38(4)-3,IS20(6)-0.375KR90F	0.80	34
C-CA-1-1/8-3,CL-3,71/38(3)-3,71/38(5)-0.375AR90	1.03	32
C-CA-1-1/8-3,CL-3,71/38(3)-3,71/38(5)-0.375AR90F	0.97	33
C-CA-1-1/8-3,CL-3,80/70(3)-3,IS20(6)-0.375AR90	1.20	36
C-CA-1-1/8-3,CL-3,80/70(3)-3,IS20(6)-0.375AR90F	1.15	37
C-CA-1-1/8-3,CL-3,80/70(3)-3,IS20(6)-0.375KR90	1.10	39



VINYL ENERGYGUARD CONTOURED CASEMENT WINDOW (CONTINUED)

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
C-CA-1-1/8-3,CL-3,80/70(3)-3,IS20(6)-0.375KR90F	1.04	40
C-CA-1-1/8-3,CL-3,CL-3,71/38(5)-0.375AR90	1.21	30
C-CA-1-1/8-3,CL-3,CL-3,71/38(5)-0.375AR90F	1.15	31
C-CA-1-3,180(2)-3,180(4)-3,189(6)-0.323AR97	1.07	36
C-CA-1-3,180(2)-3,180(4)-3,189(6)-0.323AR97GR	1.10	34
C-CA-1-3,180(2)-3,CL-3,180(5)-0.323AR97	1.13	36
C-CA-1-3,180(2)-3,CL-3,180(5)-0.323AR97F	1.06	37
C-CA-1-3,180(2)-3,CL-3,180(5)-0.323AR97GR	1.16	33
C-CA-1-3,180(2)-3,CL-3,180(5)-0.323AR97GRF	1.09	35
C-CA-3/4-3,80/70(2)-3,IS20(4)-0.5AR90	1.32	35
C-CA-3/4-3,80/70(2)-3,IS20(4)-0.5AR90F	1.26	36
C-CA-3/4-3,80/70(2)-3,IS20(4)-0.5AR90GR	1.35	32
C-CA-3/4-3,CL-3,80/70(3)-0.5AR90	1.51	32
C-CA-3/4-3,CL-3,80/70(3)-0.5AR90F	1.45	33
C-CA-3/4-3,CL-3,80/70(3)-0.5AR90GR	1.54	30
C-CA-7/8-3,180(2)-3,189(4)-0.625AR90F	1.21	36
C-CA-7/8-3,63/31(2)-3,IS20(4)-0.625AR90	1.26	24
C-CA-7/8-3,63/31(2)-3,IS20(4)-0.625AR90F	1.20	25
C-CA-7/8-3,71/38(2)-3,IS20(4)-0.625AR90	1.26	27
C-CA-7/8-3,71/38(2)-3,IS20(4)-0.625AR90F	1.20	28
C-CA-7/8-3,80/70(2)-3,IS20(4)-0.625AR90	1.32	35
C-CA-7/8-3,CL-3,272(3)-0.625AR90	1.45	27
C-CA-7/8-3,CL-3,272(3)-0.625AR90F	1.39	28
C-CA-7/8-3,CL-3,366(3)-0.625AR90	1.42	23
C-CA-7/8-3,CL-3,366(3)-0.625AR90F	1.36	24
C-CA-7/8-3,CL-3,63/31(3)-0.625AR90	1.43	25
C-CA-7/8-3,CL-3,63/31(3)-0.625AR90F	1.37	27
C-CA-7/8-3,CL-3,71/38(3)-0.625AR90	1.43	26
C-CA-7/8-3,CL-3,71/38(3)-0.625AR90F	1.37	28
C-CA-7/8-3,CL-3,71/38(3)-0.625AR90GR	1.43	25
C-CA-7/8-3,CL-3,71/38(3)-0.625AR90GRF	1.37	26
C-CA-7/8-3,CL-3,80/70(3)-0.625AR90	1.52	32
VGW-CCA-3,CL-3,8071(3)-16AR97SP	1.50	34
VGW-CCA-3,CL-3,366(3)-16AR97SP	1.40	24
VGW-CCA-3,CL-3,180E(3)-16AR97SP	1.50	33
VGW-CCA-3,CL-3,272(3)-16AR97SP	1.45	27
VGW-CCA-3,180E(2)-3,i89(4)-16AR97SP	1.25	37
VGW-CCA-3,CL-3,8071(3)-16AR97SP-G<1	1.50	31



VINYL ENERGYGUARD CONTOURED CASEMENT WINDOW (CONTINUED)

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
VGW-CCA-3,CL-3,366(3)-16AR97SP-G<1	1.40	23
VGW-CCA-3,CL-3,180E(3)-16AR97SP-G<1	1.50	31
VGW-CCA-3,CL-3,272(3)-16AR97SP-G<1	1.45	25
VGW-CCA-3,180E(2)-3,i89(4)-16AR97SP-G<1	1.25	34
VGW-CCA-3,180(2)-3,CL-3,180(5)-8AR97SP	1.12	36
VGW-CCA-3,8071(2)-3,CL-3,8071(5)-8AR97SP	1.13	37
VGW-CCA-3,CL-3,CL-3,180(5)-8AR97SP	1.30	34
VGW-CCA-3,CL-3,CL-3,8071(5)-8AR97SP	1.31	35
VGW-CCA-3,366(2)-3,CL-3,366(5)-9AR97SP	1.03	26

VINYL ENERGYGUARD CONTOURED FIXED CASEMENT WINDOW

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
C-FC-1-1/8-3,CL-3,CL-3,71/38(5)-0.375AR90F	1.06	37
C-FC-1-1/8-3,71/38(2)-3,71/38(4)-3,IS20(6)-0.375AR90	0.93	33
C-FC-1-1/8-3,71/38(2)-3,71/38(4)-3,IS20(6)-0.375AR90F	0.79	36
C-FC-1-1/8-3,71/38(2)-3,71/38(4)-3,IS20(6)-0.375KR90	0.78	36
C-FC-1-1/8-3,71/38(2)-3,71/38(4)-3,IS20(6)-0.375KR90F	0.65	39
C-FC-1-1/8-3,CL-3,71/38(3)-3,71/38(5)-0.375AR90	0.99	36
C-FC-1-1/8-3,CL-3,71/38(3)-3,71/38(5)-0.375AR90F	0.85	39
C-FC-1-1/8-3,CL-3,80/70(3)-3,IS20(6)-0.375AR90	1.17	41
C-FC-1-1/8-3,CL-3,80/70(3)-3,IS20(6)-0.375AR90F	1.03	44
C-FC-1-1/8-3,CL-3,80/70(3)-3,IS20(6)-0.375KR90	1.06	44
C-FC-1-1/8-3,CL-3,80/70(3)-3,IS20(6)-0.375KR90F	0.92	47
C-FC-1-1/8-3,CL-3,CL-3,71/38(5)-0.375AR90	1.20	34
C-FC-1-3,180(2)-3,180(4)-3,i89(6)-0.323AR97	0.98	42
C-FC-1-3,180(2)-3,180(4)-3,i89(6)-0.323AR97GR	1.03	39
C-FC-1-3,180(2)-3,CL-3,180(5)-0.323AR97	1.09	41
C-FC-1-3,180(2)-3,CL-3,180(5)-0.323AR97GR	1.15	37
C-FC-3/4-3,80/70(2)-3,IS20(4)-0.5AR90	1.31	40
C-FC-3/4-3,80/70(2)-3,IS20(4)-0.5AR90F	1.20	42
C-FC-3/4-3,80/70(2)-3,IS20(4)-0.5AR90GR	1.45	36
C-FC-3/4-3,CL-3,80/70(3)-0.5AR90	1.54	37
C-FC-3/4-3,CL-3,80/70(3)-0.5AR90F	1.43	39
C-FC-3/4-3,CL-3,80/70(3)-0.5AR90GR	1.59	33
C-FC-7/8-3,180(2)-3,i89(4)-0.625AR90	1.27	40

VINYL ENERGYGUARD CONTOURED FIXED CASEMENT WINDOW (CONTINUED)

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
C-FC-7/8-3,63/31(2)-3,IS20(4)-0.625AR90	1.25	26
C-FC-7/8-3,63/31(2)-3,IS20(4)-0.625AR90F	1.14	28
C-FC-7/8-3,71/38(2)-3,IS20(4)-0.625AR90	1.25	29
C-FC-7/8-3,71/38(2)-3,IS20(4)-0.625AR90F	1.14	32
C-FC-7/8-3,80/70(2)-3,IS20(4)-0.625AR90	1.33	39
C-FC-7/8-3,CL-3,272(3)-0.625AR90	1.48	30
C-FC-7/8-3,CL-3,272(3)-0.625AR90F	1.37	32
C-FC-7/8-3,CL-3,366(3)-0.625AR90	1.45	26
C-FC-7/8-3,CL-3,366(3)-0.625AR90F	1.34	28
C-FC-7/8-3,CL-3,63/31(3)-0.625AR90	1.46	28
C-FC-7/8-3,CL-3,63/31(3)-0.625AR90F	1.35	30
C-FC-7/8-3,CL-3,71/38(3)-0.625AR90	1.46	29
C-FC-7/8-3,CL-3,71/38(3)-0.625AR90F	1.35	32
C-FC-7/8-3,CL-3,71/38(3)-0.625AR90GR	1.46	28
C-FC-7/8-3,CL-3,71/38(3)-0.625AR90GRF	1.35	30
C-FC-7/8-3,CL-3,80/70(3)-0.625AR90	1.57	36
VGW-CFC-3,CL-3,8071(3)-16AR97SP	1.55	38
VGW-CFC-3,CL-3,366(3)-16AR97SP	1.40	27
VGW-CFC-3,CL-3,180E(3)-16AR97SP	1.50	39
VGW-CFC-3,CL-3,272(3)-16AR97SP	1.45	31
VGW-CFC-3,180E(2)-3,i89(4)-16AR97SP	1.25	41
VGW-CFC-3,CL-3,8071(3)-16AR97SP-G<1	1.55	34
VGW-CFC-3,CL-3,366(3)-16AR97SP-G<1	1.40	25
VGW-CFC-3,CL-3,180E(3)-16AR97SP-G<1	1.50	35
VGW-CFC-3,CL-3,272(3)-16AR97SP-G<1	1.45	28
VGW-CFC-3,180E(2)-3,i89(4)-16AR97SP-G<1	1.25	38
VGW-CFC-3,180(2)-3,CL-3,180(5)-8AR97SP	1.09	41
VGW-CFC-3,8071(2)-3,CL-3,8071(5)-8AR97SP	1.11	42
VGW-CFC-3,CL-3,CL-3,180(5)-8AR97SP	1.30	39
VGW-CFC-3,CL-3,CL-3,8071(5)-8AR97SP	1.32	39
VGW-CFC-3,366(2)-3,CL-3,366(5)-9AR97SP	0.99	29



VINYL ENERGYGUARD CONTOURED PICTURE WINDOW

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
C-PW-1-1/8-3,71/38(2)-3,71/38(4)-3,IS20(6)-0.375AR90	0.88	36
C-PW-1-1/8-3,71/38(2)-3,71/38(4)-3,IS20(6)-0.375AR90F	0.84	37
C-PW-1-1/8-3,71/38(2)-3,71/38(4)-3,IS20(6)-0.375KR90	0.71	39
C-PW-1-1/8-3,71/38(2)-3,71/38(4)-3,IS20(6)-0.375KR90F	0.67	40
C-PW-1-1/8-3,CL-3,71/38(3)-3,71/38(5)-0.375AR90	0.95	39
C-PW-1-1/8-3,CL-3,71/38(3)-3,71/38(5)-0.375AR90F	0.91	40
C-PW-1-1/8-3,CL-3,80/70(3)-3,IS20(6)-0.375AR90	1.16	45
C-PW-1-1/8-3,CL-3,80/70(3)-3,IS20(6)-0.375AR90F	1.12	46
C-PW-1-1/8-3,CL-3,80/70(3)-3,IS20(6)-0.375KR90	1.06	47
C-PW-1-1/8-3,CL-3,80/70(3)-3,IS20(6)-0.375KR90F	0.97	49
C-PW-1-1/8-3,CL-3,CL-3,71/38(5)-0.375AR90	1.19	36
C-PW-1-1/8-3,CL-3,CL-3,71/38(5)-0.375AR90F	1.15	37
C-PW-1-3,180(2)-3,180(4)-3,I89(6)-0.323AR97	0.95	46
C-PW-1-3,180(2)-3,180(4)-3,I89(6)-0.323AR97GR	0.99	43
C-PW-1-3,180(2)-3,CL-3,180(5)-0.323AR97	1.07	45
C-PW-1-3,180(2)-3,CL-3,180(5)-0.323AR97GR	1.13	41
C-PW-3/4-3,80/70(2)-3,IS20(4)-0.5AR90	1.32	43
C-PW-3/4-3,80/70(2)-3,IS20(4)-0.5AR90F	1.27	44
C-PW-3/4-3,80/70(2)-3,IS20(4)-0.5AR90GR	1.37	39
C-PW-3/4-3,CL-3,80/70(3)-0.5AR90	1.58	39
C-PW-3/4-3,CL-3,80/70(3)-0.5AR90F	1.53	41
C-PW-3/4-3,CL-3,80/70(3)-0.5AR90GR	1.63	36
C-PW-7/8-3,180(2)-3,I89(4)-0.625AR90	1.27	43
C-PW-7/8-3,63/31(2)-3,IS20(4)-0.625AR90	1.25	28
C-PW-7/8-3,63/31(2)-3,IS20(4)-0.625AR90F	1.20	29
C-PW-7/8-3,71/38(2)-3,IS20(4)-0.625AR90	1.25	32
C-PW-7/8-3,71/38(2)-3,IS20(4)-0.625AR90F	1.20	33
C-PW-7/8-3,80/70(2)-3,IS20(4)-0.625AR90	1.34	43
C-PW-7/8-3,CL-3,272(3)-0.625AR90	1.51	32
C-PW-7/8-3,CL-3,272(3)-0.625AR90F	1.47	33
C-PW-7/8-3,CL-3,366(3)-0.625AR90	1.47	27
C-PW-7/8-3,CL-3,366(3)-0.625AR90F	1.43	28
C-PW-7/8-3,CL-3,63/31(3)-0.625AR90	1.48	30
C-PW-7/8-3,CL-3,63/31(3)-0.625AR90F	1.44	30
C-PW-7/8-3,CL-3,71/38(3)-0.625AR90	1.48	32
C-PW-7/8-3,CL-3,71/38(3)-0.625AR90F	1.44	33
C-PW-7/8-3,CL-3,71/38(3)-0.625AR90GR	1.48	30

VINYL ENERGYGUARD CONTOURED PICTURE WINDOW (CONTINUED)

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
C-PW-7/8-3,CL-3,71/38(3)-0.625AR90GRF	1.44	30
C-PW-7/8-3,CL-3,80/70(3)-0.625AR90	1.61	39
VGW-CPC-3,CL-3,8071(3)-16AR97SP	1.55	42
VGW-CPC-3,CL-3,366(3)-16AR97SP	1.45	28
VGW-CPC-3,CL-3,180E(3)-16AR97SP	1.55	42
VGW-CPC-3,CL-3,272(3)-16AR97SP	1.50	32
VGW-CPC-3,180E(2)-3,i89(4)-16AR97SP	1.25	45
VGW-CPC-3,CL-3,8071(3)-16AR97SP-G<1	1.55	38
VGW-CPC-3,CL-3,366(3)-16AR97SP-G<1	1.45	26
VGW-CPC-3,CL-3,180E(3)-16AR97SP-G<1	1.55	38
VGW-CPC-3,CL-3,272(3)-16AR97SP-G<1	1.50	30
VGW-CPC-3,180E(2)-3,i89(4)-16AR97SP-G<1	1.25	42
VGW-CPC-3,180(2)-3,CL-3,180(5)-8AR97SP	1.07	45
VGW-CPC-3,8071(2)-3,CL-3,8071(5)-8AR97SP	1.08	46
VGW-CPC-3,CL-3,CL-3,180(5)-8AR97SP	1.31	42
VGW-CPC-3,CL-3,CL-3,8071(5)-8AR97SP	1.32	43
VGW-CPC-3,366(2)-3,CL-3,366(5)-9AR97SP	0.95	31

VINYL ENERGYGUARD DOUBLE HUNG TILT

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
DHT-1-3,180(2)-3,CL-3,180(5)-0.323AR97	1.23	36
DHT-1-3,180(2)-3,CL-3,180(5)-0.323KR90	1.03	40
DHT-1-3,180(2)-3,CL-3,180(5)-0.323KR90-GR	1.08	37
DHT-3/4-3,CL-3,80/70(3)-0.5AR90	1.65	32
DHT-3/4-3,CL-3,80/70(3)-0.5AR90-GR	1.70	28
DHT-7/8-3,180(2)-3,i89(4)-0.625AR90	1.35	36
DHT-7/8-3,63/31(2)-3,IS20(4)-0.625AR90	1.38	21
DHT-7/8-3,71/38(2)-3,IS20(4)-0.625AR90	1.38	24
DHT-7/8-3,CL-3,272(3)-0.625AR90	1.61	25
DHT-7/8-3,CL-3,366(3)-0.625AR90	1.58	21
DHT-7/8-3,CL-3,63/31(3)-0.625AR90	1.58	23
DHT-7/8-3,CL-3,71/38(3)-0.625AR90	1.58	25
DHT-7/8-3,CL-3,71/38(3)-0.625AR90-GR	1.58	22
DHT-7/8-3,CL-3,80/70(3)-0.625AR90	1.69	31



VINYL ENERGYGUARD DOUBLE SLIDER TILT

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
DST-1-3,180(2)-3,CL-3,180(5)-0.323AR97	1.23	37
DST-1-3,180(2)-3,CL-3,180(5)-0.323KR90	1.03	41
DST-1-3,180(2)-3,CL-3,180(5)-0.323KR90-GR	1.07	38
DST-3/4-3,CL-3,80/70(3)-0.5AR90	1.70	32
DST-3/4-3,CL-3,80/70(3)-0.5AR90-GR	1.72	29
DST-7/8-3,180(2)-3,189(4)-0.625AR90	1.41	36
DST-7/8-3,63/31(2)-3,IS20(4)-0.625AR90	1.39	22
DST-7/8-3,71/38(2)-3,IS20(4)-0.625AR90	1.39	25
DST-7/8-3,CL-3,272(3)-0.625AR90	1.62	25
DST-7/8-3,CL-3,366(3)-0.625AR90	1.58	22
DST-7/8-3,CL-3,63/31(3)-0.625AR90	1.59	24
DST-7/8-3,CL-3,71/37(3)-0.625AR90	1.59	26
DST-7/8-3,CL-3,71/37(3)-0.625AR90-GR	1.59	23
DST-7/8-3,CL-3,80/70(3)-0.625AR90	1.66	33
VGW-DST-3,CL-3,8071(3)-16AR97SP	1.65	34
VGW-DST-3,CL-3,366(3)-16AR97SP	1.55	22
VGW-DST-3,CL-3,180E(3)-16AR97SP	1.65	34
VGW-DST-3,CL-3,272(3)-16AR97SP	1.60	26
VGW-DST-3,180E(2)-3,189(4)-16AR97SP	1.40	37
VGW-DST-3,CL-3,8071(3)-16AR97SP-G<1	1.65	31
VGW-DST-3,CL-3,366(3)-16AR97SP-G<1	1.55	21
VGW-DST-3,CL-3,180E(3)-16AR97SP-G<1	1.65	31
VGW-DST-3,CL-3,272(3)-16AR97SP-G<1	1.60	24
VGW-DST-3,180E(2)-3,189(4)-16AR97SP-G<1	1.40	34

VINYL ENERGYGUARD SINGLE HUNG TILT

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
SHT-1-3,180(2)-3,CL-3,180(5)-0.323AR97	1.23	37
SHT-1-3,180(2)-3,CL-3,180(5)-0.323KR90	1.02	42
SHT-1-3,180(2)-3,CL-3,180(5)-0.323KR90-GR	1.07	38
SHT-3/4-3,CL-3,80/70(3)-0.5AR90	1.67	33
SHT-3/4-3,CL-3,80/70(3)-0.5AR90-GR	1.72	30
SHT-7/8-3,180(2)-3,189(4)-0.625AR90	1.41	36
SHT-7/8-3,63/31(2)-3,IS20(4)-0.625AR90	1.38	22
SHT-7/8-3,71/38(2)-3,IS20(4)-0.625AR90	1.38	26
SHT-7/8-3,CL-3,272(3)-0.625AR90	1.62	26



VINYL ENERGYGUARD SINGLE HUNG TILT (CONTINUED)

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
SHT-7/8-3,CL-3,366(3)-0.625AR90	1.59	22
SHT-7/8-3,CL-3,63/31(3)-0.625AR90	1.60	24
SHT-7/8-3,CL-3,71/38(3)-0.625AR90	1.60	26
SHT-7/8-3,CL-3,71/38(3)-0.625AR90-GR	1.60	24
SHT-7/8-3,CL-3,80/70(3)-0.625AR90	1.70	33
VGW-SHT-3,CL-3,8071(3)-16AR97SP	1.65	35
VGW-SHT-3,CL-3,366(3)-16AR97SP	1.55	23
VGW-SHT-3,CL-3,180E(3)-16AR97SP	1.65	35
VGW-SHT-3,CL-3,272(3)-16AR97SP	1.60	26
VGW-SHT-3,180E(2)-3,i89(4)-16AR97SP	1.40	37
VGW-SHT-3,CL-3,8071(3)-16AR97SP-G<1	1.65	32
VGW-SHT-3,CL-3,366(3)-16AR97SP-G<1	1.55	21
VGW-SHT-3,CL-3,180E(3)-16AR97SP-G<1	1.65	31
VGW-SHT-3,CL-3,272(3)-16AR97SP-G<1	1.60	24
VGW-SHT-3,180E(2)-3,i89(4)-16AR97SP-G<1	1.40	34

VINYL ENERGYGUARD SINGLE SLIDER LIFTOUT

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
SSL-3/4-3,CL-3,80/70(3)-0.625AR90	1.72	34
SSL-7/8-3,180(2)-3,i89(4)-0.625AR90	1.41	38
SSL-7/8-3,63/31(2)-3,IS20(4)-0.625AR90	1.39	23
SSL-7/8-3,71/38(2)-3,IS20(4)-0.625AR90	1.39	26
SSL-7/8-3,CL-3,272(3)-0.625AR90	1.63	27
SSL-7/8-3,CL-3,366(3)-0.625AR90	1.59	23
SSL-7/8-3,CL-3,63/31(3)-0.625AR90	1.60	25
SSL-7/8-3,CL-3,71/38(3)-0.625AR90	1.60	27
SSL-7/8-3,CL-3,71/38(3)-0.625AR90-GR	1.60	25
VGW-SSL-3,CL-3,8071(3)-16AR97SP	1.65	36
VGW-SSL-3,CL-3,366(3)-16AR97SP	1.55	24
VGW-SSL-3,CL-3,180E(3)-16AR97SP	1.65	36
VGW-SSL-3,CL-3,272(3)-16AR97SP	1.60	28
VGW-SSL-3,180E(2)-3,i89(4)-16AR97SP	1.40	39
VGW-SSL-3,CL-3,8071(3)-16AR97SP-G<1	1.65	33
VGW-SSL-3,CL-3,366(3)-16AR97SP-G<1	1.55	22
VGW-SSL-3,CL-3,180E(3)-16AR97SP-G<1	1.65	33
VGW-SSL-3,CL-3,272(3)-16AR97SP-G<1	1.60	25
VGW-SSL-3,180E(2)-3,i89(4)-16AR97SP-G<1	1.40	36

VINYL ENERGYGUARD SINGLE SLIDER TILT

Model Code (Glass Option)	Window U-Value (W/m ² K)	Energy Rating (ER)
SST-1-3,180(2)-3,CL-3,180(5)-0.323AR97	1.23	37
SST-1-3,180(2)-3,CL-3,180(5)-0.323KR90	1.03	42
SST-1-3,180(2)-3,CL-3,180(5)-0.323KR90-GR	1.07	39
SST-3/4-3,CL-3,80/70(3)-0.5AR90	1.68	33
SST-3/4-3,CL-3,80/70(3)-0.5AR90-GR	1.72	30
SST-7/8-3,180(2)-3,189(4)-0.625AR90	1.42	36
SST-7/8-3,63/31(2)-3,IS20(4)-0.625AR90	1.39	22
SST-7/8-3,71/38(2)-3,IS20(4)-0.625AR90	1.40	26
SST-7/8-3,CL-3,272(3)-0.625AR90	1.63	26
SST-7/8-3,CL-3,366(3)-0.625AR90	1.59	22
SST-7/8-3,CL-3,63/31(3)-0.625AR90	1.60	24
SST-7/8-3,CL-3,71/38(3)-0.625AR90	1.60	26
SST-7/8-3,CL-3,71/38(3)-0.625AR90-GR	1.60	24
SST-7/8-3,CL-3,80/70(3)-0.625AR90	1.72	33
VGW-SST-3,CL-3,8071(3)-16AR97SP	1.65	35
VGW-SST-3,CL-3,366(3)-16AR97SP	1.55	23
VGW-SST-3,CL-3,180E(3)-16AR97SP	1.65	35
VGW-SST-3,CL-3,272(3)-16AR97SP	1.60	27
VGW-SST-3,180E(2)-3,189(4)-16AR97SP	1.40	38
VGW-SST-3,CL-3,8071(3)-16AR97SP-G<1	1.65	32
VGW-SST-3,CL-3,366(3)-16AR97SP-G<1	1.55	21
VGW-SST-3,CL-3,180E(3)-16AR97SP-G<1	1.65	32
VGW-SST-3,CL-3,272(3)-16AR97SP-G<1	1.60	25
VGW-SST-3,180E(2)-3,189(4)-16AR97SP-G<1	1.40	35

Notes: Listed products meet the energy requirements of the standards listed above. Windows 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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