

### Gemini Energy Rating Summary

Series	Type / Description	Glass	CSA A440.2-14					
			Air Infiltration L/s/m <sup>2</sup>	U value (W/m <sup>2</sup> °C)	SHGC	ER	Zone	Visual Trans.
Gemini	Low profile picture	180	0.10	1.52	0.60	41	3	0.69
Gemini	Fixed Casement	180	0.00	1.52	0.44	32	2	0.50
Gemini	Casement	180	0.10	1.52	0.44	32	2	0.50
Gemini	Awning	180	0.10	1.56	0.44	31	2	0.50
Gemini	Single Slider	180	0.20	1.61	0.54	36	3	0.62
Gemini	Single Hung	180	1.00	1.62	0.54	34	3	0.62
Gemini	Double Hung	180	0.60	1.65	0.53	33	2	0.61
Gemini	Low profile picture w/ grilles 5/8"	180	0.10	1.58	0.55	37	3	0.63
Gemini	Fixed Casement w/ grilles 5/8"	180	0.00	1.56	0.41	29	2	0.46
Gemini	Casement w/ grilles 5/8"	180	0.10	1.56	0.41	29	2	0.46
Gemini	Awning w/ grilles 5/8"	180	0.10	1.59	0.41	29	2	0.46
Gemini	Single Slider w/ grilles 5/8"	180	0.20	1.66	0.50	32	2	0.57
Gemini	Single Hung w/ grilles 5/8"	180	1.00	1.66	0.49	30	2	0.56
Gemini	Double Hung w/ grilles 5/8"	180	0.60	1.70	0.48	30	2	0.55
Gemini	Low profile picture w/ grilles 2"	180	0.10	1.62	0.45	30	2	0.51
Gemini	Fixed Casement w/ grilles 2"	180	0.00	1.59	0.34	25	1	0.38
Gemini	Casement w/ grilles 2"	180	0.10	1.59	0.34	24	1	0.38
Gemini	Awning w/ grilles 2"	180	0.10	1.61	0.34	24	0	0.38
Gemini	Single Slider w/ grilles 2"	180	0.20	1.70	0.40	26	1	0.45
Gemini	Single Hung w/ grilles 2"	180	1.00	1.70	0.39	24	0	0.45
Gemini	Double Hung w/ grilles 2"	180	0.60	1.73	0.39	23	0	0.44
Gemini	Low profile picture	180 - 3P	0.10	0.87	0.49	49	3	0.61
Gemini	Fixed Casement	180 - 3P	0.00	0.99	0.37	40	3	0.46
Gemini	Casement	180 - 3P	0.10	1.03	0.35	38	3	0.44
Gemini	Awning	180 - 3P	0.10	1.04	0.36	38	3	0.44
Gemini	Single Slider	180 - 3P	0.20	1.35	0.45	36	3	0.56
Gemini	Single Hung	180 - 3P	1.00	1.35	0.44	34	3	0.55
Gemini	Double Hung	180 - 3P	0.60	1.40	0.44	34	3	0.55
Gemini	Double Slider	180 - 3P	0.25					
Gemini	Low profile picture w/ grilles 5/8"	180 - 3P	0.10	0.90	0.45	46	3	0.55
Gemini	Fixed Casement w/ grilles 5/8"	180 - 3P	0.00	1.01	0.34	38	3	0.42
Gemini	Casement w/ grilles 5/8"	180 - 3P	0.10	1.05	0.33	36	3	0.41
Gemini	Awning w/ grilles 5/8"	180 - 3P	0.10	1.05	0.33	36	3	0.41
Gemini	Single Slider w/ grilles 5/8"	180 - 3P	0.20	1.46	0.41	32	2	0.51
Gemini	Single Hung w/ grilles 5/8"	180 - 3P	1.00	1.45	0.41	30	2	0.50
Gemini	Double Hung w/ grilles 5/8"	180 - 3P	0.60	1.50	0.40	29	2	0.50
Gemini	Low profile picture w/ grilles 2"	180 - 3P	0.10	0.91	0.36	41	3	0.45
Gemini	Fixed Casement w/ grilles 2"	180 - 3P	0.00	1.02	0.28	34	3	0.34
Gemini	Casement w/ grilles 2"	180 - 3P	0.10	1.05	0.27	33	3	0.33
Gemini	Awning w/ grilles 2"	180 - 3P	0.10	1.05	0.27	33	3	0.33
Gemini	Single Slider w/ grilles 2"	180 - 3P	0.20	1.49	0.33	26	1	0.41
Gemini	Single Hung w/ grilles 2"	180 - 3P	1.00	1.48	0.33	25	1	0.40
Gemini	Double Hung w/ grilles 2"	180 - 3P	0.60	1.53	0.33	24	1	0.40
Gemini	Double Slider w/ grilles 2"	180 - 3P	0.25					
Gemini	Low profile picture	272	0.10	1.48	0.36	28	1	0.63
Gemini	Fixed Casement	272	0.00	1.46	0.28	24	1	0.47
Gemini	Casement	272	0.10	1.49	0.27	23	1	0.46
Gemini	Awning	272	0.10	1.53	0.27	22	1	0.46
Gemini	Single Slider	272	0.20	1.57	0.33	24	1	0.57
Gemini	Single Hung	272	1.00	1.57	0.32	23	1	0.56
Gemini	Double Hung	272	0.60	1.61	0.32	22	0	0.55
Gemini	Low profile picture w/ grilles 5/8"	272	0.10	1.54	0.33	25	1	0.57
Gemini	Fixed Casement w/ grilles 5/8"	272	0.00	1.50	0.26	22	1	0.43
Gemini	Casement w/ grilles 5/8"	272	0.10	1.53	0.25	21	1	0.42
Gemini	Awning w/ grilles 5/8"	272	0.10	1.56	0.25	20	1	0.42
Gemini	Single Slider w/ grilles 5/8"	272	0.20	1.62	0.30	22	0	0.52
Gemini	Single Hung w/ grilles 5/8"	272	1.00	1.62	0.30	20	0	0.51
Gemini	Double Hung w/ grilles 5/8"	272	0.60	1.66	0.29	19	0	0.50
Gemini	Low profile picture w/ grilles 2"	272	0.10	1.59	0.27	21	1	0.46
Gemini	Fixed Casement w/ grilles 2"	272	0.00	1.54	0.21	18	1	0.36
Gemini	Casement w/ grilles 2"	272	0.10	1.56	0.21	17	1	0.34
Gemini	Awning w/ grilles 2"	272	0.10	1.58	0.21	17	1	0.34
Gemini	Single Slider w/ grilles 2"	272	0.20	1.66	0.24	17	0	0.41
Gemini	Single Hung w/ grilles 2"	272	1.00	1.67	0.24	16	0	0.41
Gemini	Double Hung w/ grilles 2"	272	0.60	1.70	0.24	15	0	0.40
Gemini	Low profile picture	272 - 3P	0.10	0.84	0.31	39	3	0.50
Gemini	Fixed Casement	272 - 3P	0.00	0.97	0.23	32	3	0.38
Gemini	Casement	272 - 3P	0.10	1.01	0.23	31	3	0.37
Gemini	Awning	272 - 3P	0.10	1.01	0.23	31	3	0.37
Gemini	Single Slider	272 - 3P	0.20	1.33	0.28	27	2	0.46
Gemini	Single Hung	272 - 3P	1.00	1.33	0.28	25	2	0.45
Gemini	Double Hung	272 - 3P	0.60	1.37	0.28	25	2	0.45

Gemini	Low profile picture w/ grilles 5/8"	272 - 3P	0.10	0.85	0.28	37	3	0.46
Gemini	Fixed Casement w/ grilles 5/8"	272 - 3P	0.00	0.98	0.22	31	3	0.35
Gemini	Casement w/ grilles 5/8"	272 - 3P	0.10	1.02	0.21	30	3	0.34
Gemini	Awning w/ grilles 5/8"	272 - 3P	0.10	1.02	0.21	30	3	0.34
Gemini	Single Slider w/ grilles 5/8"	272 - 3P	0.20	1.43	0.26	23	1	0.42
Gemini	Single Hung w/ grilles 5/8"	272 - 3P	1.00	1.43	0.26	23	1	0.41
Gemini	Double Hung w/ grilles 5/8"	272 - 3P	0.60	1.47	0.25	21	1	0.41
Gemini	Low profile picture w/ grilles 2"	272 - 3P	0.10	0.87	0.23	34	3	0.37
Gemini	Fixed Casement w/ grilles 2"	272 - 3P	0.00	0.99	0.18	29	3	0.28
Gemini	Casement w/ grilles 2"	272 - 3P	0.10	0.98	0.17	28	3	0.27
Gemini	Awning w/ grilles 2"	272 - 3P	0.10	1.02	0.17	28	3	0.27
Gemini	Single Slider w/ grilles 2"	272 - 3P	0.20	1.46	0.21	20	1	0.33
Gemini	Single Hung w/ grilles 2"	272 - 3P	1.00	1.46	0.21	18	1	0.33
Gemini	Double Hung w/ grilles 2"	272 - 3P	0.60	1.50	0.21	18	1	0.32
Gemini	Low profile picture	272 w/Tint	0.10	1.48	0.35	28	1	0.43
Gemini	Fixed Casement	272 w/Tint	0.00	1.46	0.27	23	1	0.32
Gemini	Casement	272 w/Tint	0.10	1.48	0.26	23	1	0.31
Gemini	Awning	272 w/Tint	0.10	1.52	0.26	22	1	0.31
Gemini	Single Slider	272 w/Tint	0.20	1.59	0.32	23	1	0.39
Gemini	Single Hung	272 w/Tint	1.00	1.58	0.31	22	1	0.38
Gemini	Double Hung	272 w/Tint	0.60	1.61	0.31	21	0	0.38
Gemini	Low profile picture w/ grilles 5/8"	272 w/Tint	0.10	1.56	0.32	24	1	0.39
Gemini	Fixed Casement w/ grilles 5/8"	272 w/Tint	0.00	1.52	0.25	21	1	0.3
Gemini	Casement w/ grilles 5/8"	272 w/Tint	0.10	1.53	0.24	20	1	0.29
Gemini	Awning w/ grilles 5/8"	272 w/Tint	0.10	1.56	0.24	20	1	0.29
Gemini	Single Slider w/ grilles 5/8"	272 w/Tint	0.20	1.66	0.29	20	0	0.35
Gemini	Single Hung w/ grilles 5/8"	272 w/Tint	1.00	1.65	0.29	19	0	0.35
Gemini	Double Hung w/ grilles 5/8"	272 w/Tint	0.60	1.69	0.28	18	0	0.34
Gemini	Low profile picture w/ grilles 2"	272 w/Tint	0.10	1.54	0.32	25	1	0.31
Gemini	Fixed Casement w/ grilles 2"	272 w/Tint	0.00	1.59	0.31	17	1	0.24
Gemini	Casement w/ grilles 2"	272 w/Tint	0.10	1.60	0.20	16	1	0.23
Gemini	Awning w/ grilles 2"	272 w/Tint	0.10	1.62	0.20	16	0	0.23
Gemini	Single Slider w/ grilles 2"	272 w/Tint	0.20	1.75	0.24	15	0	0.28
Gemini	Single Hung w/ grilles 2"	272 w/Tint	1.00	1.74	0.24	14	0	0.28
Gemini	Double Hung w/ grilles 2"	272 w/Tint	0.60	1.77	0.23	13	0	0.27
Gemini	Low profile picture	240	0.10	1.50	0.22	20	1	0.35
Gemini	Fixed Casement	240	0.00	1.48	0.17	17	1	0.26
Gemini	Casement	240	0.10	1.51	0.17	16	1	0.26
Gemini	Awning	240	0.10	1.55	0.17	15	1	0.26
Gemini	Single Slider	240	0.20	1.59	0.20	16	1	0.32
Gemini	Single Hung	240	1.00	1.60	0.20	15	1	0.31
Gemini	Double Hung	240	0.60	1.63	0.20	14	0	0.31
Gemini	Low profile picture w/ grilles 5/8"	240	0.10	1.56	0.20	17	1	0.32
Gemini	Fixed Casement w/ grilles 5/8"	240	0.00	1.52	0.16	16	1	0.24
Gemini	Casement w/ grilles 5/8"	240	0.10	1.55	0.15	15	1	0.23
Gemini	Awning w/ grilles 5/8"	240	0.10	1.58	0.15	14	1	0.23
Gemini	Single Slider w/ grilles 5/8"	240	0.20	1.65	0.18	14	0	0.29
Gemini	Single Hung w/ grilles 5/8"	240	1.00	1.65	0.18	13	0	0.28
Gemini	Double Hung w/ grilles 5/8"	240	0.60	1.68	0.18	12	0	0.28
Gemini	Low profile picture w/ grilles 2"	240	0.10	1.61	0.17	14	0	0.26
Gemini	Fixed Casement w/ grilles 2"	240	0.00	1.56	0.13	13	1	0.20
Gemini	Casement w/ grilles 2"	240	0.10	1.58	0.13	13	1	0.19
Gemini	Awning w/ grilles 2"	240	0.10	1.60	0.13	12	1	0.19
Gemini	Single Slider w/ grilles 2"	240	0.20	1.69	0.15	11	0	0.23
Gemini	Single Hung w/ grilles 2"	240	1.00	1.69	0.15	10	0	0.23
Gemini	Double Hung w/ grilles 2"	240	0.60	1.73	0.15	10	0	0.22
Gemini	Low profile picture	240-3P	0.10	0.86	0.18	31	3	0.15
Gemini	Fixed Casement	240-3P	0.00	0.98	0.14	26	3	0.12
Gemini	Casement	240-3P	0.10	1.02	0.14	25	3	0.11
Gemini	Awning	240-3P	0.10	1.03	0.14	25	3	0.11
Gemini	Single Slider	240-3P	0.20	1.34	0.17	20	2	0.14
Gemini	Single Hung	240-3P	1.00	1.34	0.17	18	1	0.14
Gemini	Double Hung	240-3P	0.60	1.39	0.17	18	1	0.14
Gemini	Low profile picture w/ grilles 5/8"	240-3P	0.10	0.87	0.16	30	3	0.14
Gemini	Fixed Casement w/ grilles 5/8"	240-3P	0.00	0.99	0.13	26	3	0.11
Gemini	Casement w/ grilles 5/8"	240-3P	0.10	1.03	0.12	24	3	0.10
Gemini	Awning w/ grilles 5/8"	240-3P	0.10	1.03	0.13	24	3	0.10
Gemini	Single Slider w/ grilles 5/8"	240-3P	0.20	1.44	0.16	17	1	0.13
Gemini	Single Hung w/ grilles 5/8"	240-3P	1.00	1.44	0.15	16	1	0.13
Gemini	Double Hung w/ grilles 5/8"	240-3P	0.60	1.49	0.15	15	1	0.13
Gemini	Low profile picture w/ grilles 2"	240-3P	0.10	0.80	0.13	30	3	0.11
Gemini	Fixed Casement w/ grilles 2"	240-3P	0.00	1.00	0.11	24	3	0.09
Gemini	Casement w/ grilles 2"	240-3P	0.10	1.04	0.10	23	2	0.08
Gemini	Awning w/ grilles 2"	240-3P	0.10	1.03	0.10	23	2	0.08
Gemini	Single Slider w/ grilles 2"	240-3P	0.20	1.48	0.13	15	1	0.10
Gemini	Single Hung w/ grilles 2"	240-3P	1.00	1.47	0.13	13	1	0.10
Gemini	Double Hung w/ grilles 2"	240-3P	0.60	1.52	0.13	13	1	0.10
Gemini	Low profile picture	366	0.10	1.44	0.24	22	1	0.56
Gemini	Fixed Casement	366	0.00	1.43	0.18	19	1	0.43
Gemini	Casement	366	0.10	1.46	0.18	18	1	0.41
Gemini	Awning	366	0.10	1.50	0.18	17	1	0.41
Gemini	Single Slider	366	0.20	1.53	0.22	19	1	0.51
Gemini	Single Hung	366	1.00	1.54	0.21	17	1	0.50
Gemini	Double Hung	366	0.60	1.58	0.21	17	1	0.50

Gemini	Low profile picture w/ grilles 5/8"	366	0.10	1.50	0.22	20	1	0.51
Gemini	Fixed Casement w/ grilles 5/8"	366	0.00	1.48	0.17	17	1	0.39
Gemini	Casement w/ grilles 5/8"	366	0.10	1.50	0.17	17	1	0.38
Gemini	Awning w/ grilles 5/8"	366	0.10	1.53	0.17	16	1	0.38
Gemini	Single Slider w/ grilles 5/8"	366	0.20	1.59	0.20	16	1	0.46
Gemini	Single Hung w/ grilles 5/8"	366	1.00	1.59	0.20	15	1	0.46
Gemini	Double Hung w/ grilles 5/8"	366	0.60	1.63	0.20	14	0	0.45
Gemini	Low profile picture w/ grilles 2"	366	0.10	1.55	0.18	16	1	0.42
Gemini	Fixed Casement w/ grilles 2"	366	0.00	1.52	0.14	15	1	0.32
Gemini	Casement w/ grilles 2"	366	0.10	1.54	0.14	14	1	0.31
Gemini	Awning w/ grilles 2"	366	0.10	1.56	0.14	14	1	0.31
Gemini	Single Slider w/ grilles 2"	366	0.20	1.64	0.16	13	0	0.37
Gemini	Single Hung w/ grilles 2"	366	1.00	1.64	0.16	12	0	0.37
Gemini	Double Hung w/ grilles 2"	366	0.60	1.67	0.16	11	0	0.36
Gemini	Low profile picture	366 - 3P	0.10	0.81	0.21	34	3	0.40
Gemini	Fixed Casement	366 - 3P	0.00	0.94	0.16	28	3	0.31
Gemini	Casement	366 - 3P	0.10	0.99	0.15	27	3	0.30
Gemini	Awning	366 - 3P	0.10	0.99	0.16	27	3	0.30
Gemini	Single Slider	366 - 3P	0.20	1.31	0.19	22	2	0.37
Gemini	Single Hung	366 - 3P	1.00	1.31	0.19	21	2	0.37
Gemini	Double Hung	366 - 3P	0.60	1.35	0.19	20	2	0.36
Gemini	Low profile picture w/ grilles 5/8"	366 - 3P	0.10	0.82	0.19	33	3	0.37
Gemini	Fixed Casement w/ grilles 5/8"	366 - 3P	0.00	0.95	0.15	27	3	0.28
Gemini	Casement w/ grilles 5/8"	366 - 3P	0.10	0.99	0.14	26	3	0.27
Gemini	Awning w/ grilles 5/8"	366 - 3P	0.10	1.01	0.14	26	3	0.27
Gemini	Single Slider w/ grilles 5/8"	366 - 3P	0.20	1.40	0.18	19	1	0.34
Gemini	Single Hung w/ grilles 5/8"	366 - 3P	1.00	1.41	0.17	17	1	0.33
Gemini	Double Hung w/ grilles 5/8"	366 - 3P	0.60	1.45	0.17	17	1	0.33
Gemini	Low profile picture w/ grilles 2"	366 - 3P	0.10	0.84	0.15	30	3	0.30
Gemini	Fixed Casement w/ grilles 2"	366 - 3P	0.00	0.97	0.12	26	3	0.23
Gemini	Casement w/ grilles 2"	366 - 3P	0.10	1.01	0.12	25	3	0.22
Gemini	Awning w/ grilles 2"	366 - 3P	0.10	1.00	0.12	25	3	0.22
Gemini	Single Slider w/ grilles 2"	366 - 3P	0.20	1.44	0.14	17	1	0.27
Gemini	Single Hung w/ grilles 2"	366 - 3P	1.00	1.44	0.14	15	1	0.27
Gemini	Double Hung w/ grilles 2"	366 - 3P	0.60	1.46	0.14	15	1	0.26
Gemini	Low profile picture	180 - i89	0.10	1.25	0.54	44	3	0.67
Gemini	Fixed Casement	180 - i89	0.00	1.29	0.41	36	3	0.51
Gemini	Casement	180 - i89	0.10	1.32	0.40	34	3	0.49
Gemini	Awning	180 - i89	0.10	1.38	0.40	33	2	0.49
Gemini	Single Slider	180 - i89	0.20	1.36	0.49	38	3	0.61
Gemini	Single Hung	180 - i89	1.00	1.36	0.49	37	3	0.60
Gemini	Double Hung	180 - i89	0.60	1.42	0.48	36	3	0.60
Gemini	Low profile picture w/ grilles 5/8"	180 - i89	0.10	1.28	0.50	40	3	0.61
Gemini	Fixed Casement w/ grilles 5/8"	180 - i89	0.00	1.31	0.38	33	2	0.47
Gemini	Casement w/ grilles 5/8"	180 - i89	0.10	1.34	0.37	32	2	0.45
Gemini	Awning w/ grilles 5/8"	180 - i89	0.10	1.37	0.37	31	2	0.45
Gemini	Single Slider w/ grilles 5/8"	180 - i89	0.20	1.38	0.45	35	3	0.55
Gemini	Single Hung w/ grilles 5/8"	180 - i89	1.00	1.39	0.44	33	2	0.55
Gemini	Double Hung w/ grilles 5/8"	180 - i89	0.60	1.44	0.44	33	2	0.54
Gemini	Low profile picture w/ grilles 5/8"	272 - i89	0.10	1.25	0.32	31	2	0.56
Gemini	Fixed Casement w/ grilles 5/8"	272 - i89	0.00	1.29	0.25	26	2	0.42
Gemini	Casement w/ grilles 5/8"	272 - i89	0.10	1.32	0.24	25	2	0.41
Gemini	Awning w/ grilles 5/8"	272 - i89	0.10	1.35	0.24	24	2	0.41
Gemini	Single Slider w/ grilles 5/8"	272 - i89	0.20	1.35	0.29	27	2	0.50
Gemini	Single Hung w/ grilles 5/8"	272 - i89	1.00	1.36	0.29	25	2	0.50
Gemini	Double Hung w/ grilles 5/8"	272 - i89	0.60	1.40	0.29	25	2	0.49
Gemini	Low profile picture	366 - i89 - 3P	0.10	0.73	0.18	34	3	0.39
Gemini	Fixed Casement	366 - i89 - 3P	0.00	0.88	0.14	29	3	0.30
Gemini	Casement	366 - i89 - 3P	0.10	0.93	0.13	27	3	0.29
Gemini	Awning	366 - i89 - 3P	0.10	0.94	0.14	27	3	0.29
Gemini	Single Slider	366 - i89 - 3P	0.20	1.16	0.17	24	3	0.36
Gemini	Single Hung	366 - i89 - 3P	1.00	1.17	0.16	22	2	0.36
Gemini	Double Hung	366 - i89 - 3P	0.60	1.21	0.16	22	2	0.36
Gemini	Low profile picture w/ grilles 5/8"	366 - i89 - 3P	0.10	0.75	0.16	33	3	0.36
Gemini	Fixed Casement w/ grilles 5/8"	366 - i89 - 3P	0.00	0.94	0.13	28	3	0.27
Gemini	Casement w/ grilles 5/8"	366 - i89 - 3P	0.10	0.94	0.12	26	3	0.27
Gemini	Awning w/ grilles 5/8"	366 - i89 - 3P	0.10	0.94	0.13	26	3	0.27
Gemini	Single Slider w/ grilles 5/8"	366 - i89 - 3P	0.20	1.22	0.15	22	2	0.33
Gemini	Single Hung w/ grilles 5/8"	366 - i89 - 3P	1.00	1.23	0.15	20	2	0.33
Gemini	Double Hung w/ grilles 5/8"	366 - i89 - 3P	0.60	1.27	0.15	20	2	0.32
Gemini	Low profile picture w/ grilles 2"	366 - i89 - 3P	0.10	0.76	0.13	31	3	0.29
Gemini	Fixed Casement w/ grilles 2"	366 - i89 - 3P	0.00	0.90	0.11	26	3	0.22
Gemini	Casement w/ grilles 2"	366 - i89 - 3P	0.10	0.95	0.10	25	3	0.22
Gemini	Awning w/ grilles 2"	366 - i89 - 3P	0.10	0.99	0.10	24	3	0.22
Gemini	Single Slider w/ grilles 2"	366 - i89 - 3P	0.20	1.24	0.12	20	2	0.26
Gemini	Single Hung w/ grilles 2"	366 - i89 - 3P	1.00	1.25	0.12	18	1	0.26
Gemini	Double Hung w/ grilles 2"	366 - i89 - 3P	0.60	1.29	0.12	18	1	0.26

Certification and testing carried out by:

Intertek Testing Services NA Ltd.  
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