

All values listed are NFRC certified and were achieved with standard insulating glass with no grids. The addition of grids may alter the test information slightly. Unshaded thermal numbers are based on simulation testing. Official testing is in progress as the date shown. Periodic re-certification is required thus the values shown may vary slightly. Quaker Window Products Inc. reserves the right to modify or discontinue any product(s) without notice.

4/26/2021

Product Name	Glass Type (no dividers, Super spacer)	U-Value	SHGC	VT	CR	Air Infiltration	Meets Energy Star Criterion			
							N	NC	SC	S
Brighton Awning	366 - argon - clear (Energy 3S)	0.31	0.19	0.42	56	≤0.30	No	No	No	Yes
	272 - argon - clear (Energy Basic)	0.31	0.28	0.47	56	≤0.30	No	No	No	No
	366 - argon - i89 (Energy Max)	0.28	0.18	0.42	44	≤0.30	No	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.28	0.27	0.46	44	≤0.30	No	Yes	No	No
	180 - argon - i89 (Energy North)	0.29	0.42	0.51	43	≤0.30	Yes	No	No	No
Brighton Casement	366 - argon - clear (Energy 3S)	0.31	0.19	0.42	58	≤0.30	No	No	No	Yes
	272 - argon - clear (Energy Basic)	0.32	0.28	0.47	57	≤0.30	No	No	No	No
	366 - argon - i89 (Energy Max)	0.28	0.18	0.42	46	≤0.30	No	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.28	0.28	0.46	45	≤0.30	No	Yes	No	No
	180 - argon - i89 (Energy North)	0.29	0.42	0.51	44	≤0.30	Yes	No	No	No
Brighton Casement Picture Window	366 - argon - clear (Energy 3S)	0.28	0.22	0.50	57	≤0.30	No	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.29	0.33	0.56	57	≤0.30	No	Yes	No	No
	366 - argon - i89 (Energy Max)	0.25	0.21	0.49	45	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.25	0.32	0.55	45	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.25	0.49	0.60	44	≤0.30	Yes	No	No	No
Brighton Double Hung	366 - argon - clear (Energy 3S)	0.31	0.19	0.44	56	≤0.30	No	No	No	Yes
	272 - argon - clear (Energy Basic)	0.31	0.29	0.49	55	≤0.30	No	No	No	No
	366 - argon - i89 (Energy Max)	0.27	0.19	0.43	45	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.28	0.28	0.48	44	≤0.30	No	Yes	No	No
	180 - argon - i89 (Energy North)	0.28	0.43	0.53	43	≤0.30	Yes	No	No	No
Brighton Double Hung Picture Window	366 - argon - clear (Energy 3S)	0.28	0.21	0.49	59	≤0.30	No	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.29	0.32	0.54	58	≤0.30	No	Yes	No	No
	366 - argon - i89 (Energy Max)	0.25	0.21	0.48	46	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.25	0.31	0.53	46	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.26	0.48	0.59	45	≤0.30	Yes	Yes	No	No
Brighton Direct Set Picture Window	366 - argon - clear (Energy 3S)	0.28	0.24	0.57	60	≤0.30	No	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.28	0.37	0.64	59	≤0.30	Yes	Yes	No	No
	366 - argon - i89 (Energy Max)	0.23	0.24	0.56	48	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.23	0.36	0.62	47	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.24	0.56	0.69	47	≤0.30	Yes	No	No	No
Classic Fit Double Hung	366 - argon - clear (Energy 3S)	0.30	0.19	0.43	56	≤0.30	No	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.31	0.28	0.48	55	≤0.30	No	No	No	No
	366 - argon - i89 (Energy Max)	0.27	0.18	0.42	45	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.27	0.28	0.47	44	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.28	0.42	0.51	43	≤0.30	Yes	No	No	No
Classic Fit Double Hung Picture Window	366 - argon - clear (Energy 3S)	0.28	0.21	0.47	59	≤0.30	No	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.29	0.31	0.53	58	≤0.30	No	Yes	No	No
	366 - argon - i89 (Energy Max)	0.24	0.20	0.47	46	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.25	0.30	0.52	46	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.25	0.46	0.57	45	≤0.30	Yes	No	No	No
Classic Fit Direct Set Picture Window	366 - argon - clear (Energy 3S)	0.27	0.23	0.55	57	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.28	0.36	0.61	57	≤0.30	Yes	Yes	No	No
	366 - argon - i89 (Energy Max)	0.22	0.23	0.54	46	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.23	0.35	0.60	46	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.23	0.54	0.66	45	≤0.30	Yes	No	No	No
Historic Fit Double Hung	366 - argon - clear (Energy 3S)	0.31	0.19	0.44	56	≤0.30	No	No	No	Yes
	272 - argon - clear (Energy Basic)	0.31	0.29	0.49	55	≤0.30	No	No	No	No
	366 - argon - i89 (Energy Max)	0.27	0.19	0.44	45	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.28	0.29	0.48	44	≤0.30	No	Yes	No	No
	180 - argon - i89 (Energy North)	0.28	0.44	0.53	43	≤0.30	Yes	No	No	No
Historic Fit Double Hung Picture Window	366 - argon - clear (Energy 3S)	0.28	0.21	0.49	59	≤0.30	No	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.29	0.32	0.54	58	≤0.30	No	Yes	No	No
	366 - argon - i89 (Energy Max)	0.25	0.21	0.48	46	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.25	0.31	0.54	46	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.25	0.48	0.59	45	≤0.30	Yes	No	No	No
Historic Fit Direct Set Picture Window	366 - argon - clear (Energy 3S)	0.27	0.24	0.57	57	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.28	0.37	0.64	57	≤0.30	Yes	Yes	No	No
	366 - argon - i89 (Energy Max)	0.22	0.24	0.56	46	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.23	0.36	0.63	46	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.23	0.56	0.69	45	≤0.30	Yes	No	No	No

Product Name	Glass Type (no dividers, Super spacer)	U-Value	SHGC	VT	CR	Air Infiltration	Meets Energy Star Criterion			
							N	NC	SC	S
TimberLine / TimberVu / W600 / W605 Casement	366 - argon - clear (Energy 3S)	0.28	0.19	0.44	64	≤0.30	No	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.28	0.29	0.49	63	≤0.30	No	Yes	No	No
	366 - argon - i89 (Energy MAX)	0.24	0.19	0.43	52	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.25	0.28	0.48	51	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.25	0.43	0.53	51	≤0.30	Yes	No	No	No
	240 - argon - i89 (Energy Enhanced)	0.25	0.17	0.27	51	≤0.30	Yes	Yes	Yes	Yes
TimberLine / TimberVu / W600 / W605 Awning	366 - argon - clear (Energy 3S)	0.28	0.19	0.44	59	≤0.30	No	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.28	0.29	0.49	59	≤0.30	No	Yes	No	No
	366 - argon - i89 (Energy MAX)	0.25	0.19	0.43	49	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.25	0.28	0.48	49	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.26	0.43	0.53	48	≤0.30	Yes	No	No	No
	240 - argon - i89 (Energy Enhanced)	0.26	0.17	0.27	48	≤0.30	Yes	Yes	Yes	Yes
TimberLine / TimberVu / W600 / W605 Direct Set Picture Window	366 - argon - clear (Energy 3S)	0.27	0.24	0.57	65	≤0.30	No	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.28	0.36	0.63	64	≤0.30	Yes	Yes	No	No
	366 - argon - i89 (Energy MAX)	0.23	0.24	0.55	53	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.23	0.36	0.62	52	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.24	0.55	0.68	51	≤0.30	Yes	No	No	No
	240 - argon - i89 (Energy Enhanced)	0.23	0.21	0.34	52	≤0.30	Yes	Yes	Yes	Yes
Brighton Narrow Rail Sliding Door	366 - argon - clear (Energy 3S)	0.29	0.20	0.45	61	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.29	0.30	0.50	61	≤0.30	Yes	Yes	No	No
	366 - argon - i89 (Energy Max)	0.25	0.19	0.44	48	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.26	0.29	0.49	48	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.26	0.44	0.54	47	≤0.30	No	No	No	No
Brighton French Rail Sliding Door	366 - argon - clear (Energy 3S)	0.31	0.16	0.35	62	≤0.30	No	No	No	Yes
	272 - argon - clear (Energy Basic)	0.31	0.23	0.38	61	≤0.30	No	No	No	Yes
	366 - argon - i89 (Energy Max)	0.28	0.15	0.34	48	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.28	0.23	0.38	48	≤0.30	Yes	Yes	Yes	Yes
	180 - argon - i89 (Energy North)	0.29	0.34	0.41	47	≤0.30	Yes	Yes	No	No
Brighton InSwing Door with full lite and 8" standard sill rail	366 - argon - clear (Energy 3S)	0.30	0.16	0.36	62	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.31	0.24	0.40	61	≤0.30	No	No	No	Yes
	366 - argon - i89 (Energy Max)	0.28	0.15	0.35	49	≤0.30	Yes	Yes	Yes	Yes
Brighton OutSwing Door	272 - argon - i89 (Energy Plus)	0.28	0.23	0.39	48	≤0.30	Yes	Yes	Yes	Yes
	366 - argon - clear (Energy 3S)	0.30	0.18	0.29		≤0.30	Yes	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.31	0.25	0.33		≤0.30	No	No	No	Yes
	366 - argon - i89 (Energy Max)	0.28	0.16	0.35	48	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.28	0.24	0.32		≤0.30	Yes	Yes	Yes	Yes
240 - argon - i89 (Energy Enhanced)	0.28	0.17	0.18		≤0.30	Yes	Yes	Yes	Yes	