

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
Manchester / Crusader / AdvantEdge / V200 Awning	366 - argon - clear (Energy 3S)	0.26	0.18	0.42	61	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.27	0.28	0.47	60	≤0.30	Yes	Yes	No	No
	366 - argon - i89 (Energy Max)	0.23	0.18	0.41	48	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.24	0.27	0.46	47	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.24	0.41	0.50	47	≤0.30	Yes	No	No	No
Manchester / Crusader / AdvantEdge / V200 Casement	366 - argon - clear (Energy 3S)	0.26	0.18	0.42	62	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.26	0.28	0.47	62	≤0.30	Yes	Yes	No	No
	366 - argon - i89 (Energy Max)	0.23	0.18	0.41	49	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.23	0.27	0.46	49	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.23	0.41	0.50	48	≤0.30	Yes	No	No	No
Manchester / Crusader / AdvantEdge / V200 Casement Picture Window	366 - argon - clear (Energy 3S)	0.26	0.21	0.50	62	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.26	0.32	0.56	62	≤0.30	Yes	Yes	No	No
	366 - argon - i89 (Energy Max)	0.22	0.21	0.49	49	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.22	0.32	0.54	49	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.23	0.48	0.60	48	≤0.30	Yes	No	No	No
Manchester / Crusader / AdvantEdge / V200 Double Hung	366 - argon - clear (Energy 3S)	0.28	0.22	0.50	58	≤0.30	No	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.29	0.32	0.56	58	≤0.30	No	Yes	No	No
	366 - argon - i89 (Energy Max)	0.25	0.21	0.49	47	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.25	0.32	0.55	46	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.26	0.49	0.60	45	≤0.30	Yes	No	No	No
Manchester / Crusader / AdvantEdge / V200 Picture Window	366 - argon - clear (Energy 3S)	0.26	0.23	0.53	61	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.27	0.34	0.59	61	≤0.30	Yes	Yes	No	No
	366 - argon - i89 (Energy Max)	0.22	0.22	0.52	48	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.23	0.34	0.58	48	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.23	0.51	0.63	47	≤0.30	Yes	No	No	No
Manchester / Crusader / AdvantEdge / V200 Direct Set Narrow Picture Window	366 - argon - clear (Energy 3S)	0.28	0.24	0.55	61	≤0.30	No	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.28	0.36	0.61	61	≤0.30	Yes	Yes	No	No
	366 - argon - i89 (Energy Max)	0.23	0.23	0.54	51	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.23	0.35	0.60	51	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.24	0.54	0.66	50	≤0.30	Yes	No	No	No
Manchester / Crusader / AdvantEdge / V200 Single Hung	366 - argon - clear (Energy 3S)	0.29	0.22	0.51	59	≤0.30	No	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.29	0.33	0.56	58	≤0.30	No	Yes	No	No
	366 - argon - i89 (Energy Max)	0.25	0.21	0.49	47	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.25	0.32	0.55	47	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.26	0.49	0.61	46	≤0.30	Yes	No	No	No
Manchester / Crusader / AdvantEdge / V200 Horizontal Slider	366 - argon - clear (Energy 3S)	0.28	0.22	0.50	60	≤0.30	No	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.29	0.33	0.56	59	≤0.30	No	Yes	No	No
	366 - argon - i89 (Energy Max)	0.24	0.21	0.49	48	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.25	0.32	0.55	47	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.26	0.49	0.60	46	≤0.30	Yes	No	No	No
VuPoint / V300 Casement	366 - argon - clear (Energy 3S)	0.26	0.18	0.41	62	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.27	0.27	0.45	61	≤0.30	Yes	Yes	No	No
	366 - argon - i89 (Energy MAX)	0.23	0.17	0.40	50	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.23	0.26	0.44	49	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (EnergyNorth)	0.24	0.40	0.49	49	≤0.30	Yes	Yes	No	No
VuPoint / V300 Awning	366 - argon - clear (Energy 3S)	0.27	0.18	0.41	58	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.27	0.27	0.45	58	≤0.30	Yes	Yes	No	No
	366 - argon - i89 (Energy MAX)	0.24	0.17	0.40	47	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.24	0.26	0.44	46	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (EnergyNorth)	0.25	0.40	0.49	45	≤0.30	Yes	Yes	No	No
VuPoint / V300 Direct Set	366 - argon - clear (Energy 3S)	0.26	0.23	0.55	60	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.27	0.35	0.61	60	≤0.30	Yes	Yes	No	No
	366 - argon - i89 (Energy MAX)	0.22	0.23	0.54	50	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.22	0.35	0.60	50	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (EnergyNorth)	0.23	0.53	0.66	49	≤0.30	Yes	No	No	No
VuPoint / V300 Picture Window-tall	366 - argon - clear (Energy 3S)	0.26	0.21	0.49	62	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.27	0.32	0.55	62	≤0.30	Yes	Yes	No	No
	366 - argon - i89 (Energy MAX)	0.22	0.20	0.48	50	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.22	0.31	0.53	49	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (EnergyNorth)	0.23	0.48	0.59	49	≤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
V100 Single Hung	366 - argon - clear (Energy 3S)	0.30	0.22	0.52	60	≤0.30	No	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.30	0.34	0.58	59	≤0.30	No	No	No	No
V100 Horizontal Slider	366 - argon - clear (Energy 3S)	0.29	0.22	0.51	61	≤0.30	No	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.30	0.33	0.57	61	≤0.30	No	Yes	No	No
V100 Picture Window	366 - argon - clear (Energy 3S)	0.30	0.22	0.52	60	≤0.30	No	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.30	0.34	0.58	59	≤0.30	No	No	No	No
Manchester / Crusader / AdvantEdge Sliding Door	366 - argon - clear (Energy 3S)	0.28	0.22	0.51	61	≤0.30	No	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.29	0.33	0.57	61	≤0.30	No	Yes	No	No
	366 - argon - i89 (Energy Max)	0.24	0.21	0.50	50	≤0.30	Yes	Yes	Yes	Yes
	272 - argon - i89 (Energy Plus)	0.24	0.32	0.56	49	≤0.30	Yes	Yes	No	No
	180 - argon - i89 (Energy North)	0.25	0.50	0.61	49	≤0.30	Yes	No	No	No
V100 Sliding Door	366 - argon - clear (Energy 3S)	0.28	0.22	0.53	59	≤0.30	No	Yes	Yes	Yes
	272 - argon - clear (Energy Basic)	0.29	0.34	0.59	59	≤0.30	No	Yes	No	No