



# ALUMINUM WINDOWS & DOORS

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Product Name	Pane Thickness	IG Thickness	Glass Type (no dividers, Super spacer)	U-Value	SHGC	VT	CR	Energy Star Ver6			
								Qualifying Zones			
								N	NC	SC	S
CITYLINE AWNING	1/8"	1"	180 - argon - i89 (Energy North)	0.29	0.43	0.52	50	Y	N	N	N
	1/8"	1"	240 - argon - i89 (Energy Enhanced)	0.29	0.17	0.26	50	N	Y	Y	Y
	1/8"	1"	272 - argon - clear (Energy Basic)	0.31	0.29	0.49	60	N	N	N	N
	1/8"	1"	272 - argon - i89 (Energy Plus)	0.28	0.28	0.48	51	N	Y	N	N
	1/8"	1"	366 - argon - clear (Energy 3S)	0.31	0.19	0.44	60	N	N	N	Y
	1/8"	1"	366 - argon - i89 (Energy MAX)	0.28	0.19	0.43	51	N	Y	Y	Y
CITYLINE CASEMENT	1/8"	1"	180 - argon - i89 (Energy North)	0.28	0.43	0.52	51	Y	N	N	N
	1/8"	1"	240 - argon - i89 (Energy Enhanced)	0.28	0.17	0.26	52	N	Y	Y	Y
	1/8"	1"	272 - argon - clear (Energy Basic)	0.31	0.29	0.49	65	N	N	N	N
	1/8"	1"	272 - argon - i89 (Energy Plus)	0.28	0.28	0.48	52	N	Y	N	N
	1/8"	1"	366 - argon - clear (Energy 3S)	0.31	0.19	0.44	65	N	N	N	Y
	1/8"	1"	366 - argon - i89 (Energy MAX)	0.27	0.19	0.43	53	Y	Y	Y	Y
CITYLINE DIRECT SET PICTURE WINDOW	1/8"	1"	180 - argon - i89 (Energy North)	0.25	0.55	0.68	51	Y	N	N	N
	1/8"	1"	240 - argon - i89 (Energy Enhanced)	0.25	0.21	0.34	52	Y	Y	Y	Y
	1/8"	1"	272 - argon - clear (Energy Basic)	0.29	0.36	0.63	66	N	Y	N	N
	1/8"	1"	272 - argon - i89 (Energy Plus)	0.25	0.36	0.62	52	Y	Y	N	N
	1/8"	1"	366 - argon - clear (Energy 3S)	0.29	0.24	0.57	67	N	Y	Y	Y
	1/8"	1"	366 - argon - i89 (Energy MAX)	0.24	0.24	0.55	53	Y	Y	Y	Y
EDGE LINE AWNING	1/8"	1"	180 - argon - i89 (Energy North)	0.40	0.47	0.56	43	N	N	N	N
	1/8"	1"	240 - argon - i89 (Energy Enhanced)	0.40	0.19	0.28	43	N	N	N	Y
	1/8"	1"	272 - argon - clear (Energy Basic)	0.43	0.32	0.52	49	N	N	N	N
	1/8"	1"	272 - argon - i89 (Energy Plus)	0.40	0.31	0.51	44	N	N	N	N
	1/8"	1"	366 - argon - clear (Energy 3S)	0.43	0.21	0.47	49	N	N	N	N
	1/8"	1"	366 - argon - i89 (Energy MAX)	0.40	0.21	0.46	44	N	N	N	Y
EDGE LINE CASEMENT	1/8"	1"	180 - argon - i89 (Energy North)	0.40	0.47	0.56	46	N	N	N	N
	1/8"	1"	240 - argon - i89 (Energy Enhanced)	0.40	0.19	0.28	46	N	N	N	Y
	1/8"	1"	272 - argon - clear (Energy Basic)	0.43	0.30	0.52	48	N	N	N	N
	1/8"	1"	272 - argon - i89 (Energy Plus)	0.40	0.31	0.51	47	N	N	N	N
	1/8"	1"	366 - argon - clear (Energy 3S)	0.43	0.21	0.47	48	N	N	N	N
	1/8"	1"	366 - argon - i89 (Energy MAX)	0.39	0.21	0.46	47	N	N	N	Y
EDGE LINE DIRECT SET PICTURE WINDOW	1/8"	1"	180 - argon - i89 (Energy North)	0.27	0.56	0.68	50	Y	N	N	N
	1/8"	1"	240 - argon - i89 (Energy Enhanced)	0.26	0.34	0.20	50	Y	Y	N	N
	1/8"	1"	272 - argon - clear (Energy Basic)	0.31	0.37	0.63	62	N	N	N	N
	1/8"	1"	272 - argon - i89 (Energy Plus)	0.26	0.36	0.62	51	Y	Y	N	N
	1/8"	1"	366 - argon - clear (Energy 3S)	0.30	0.24	0.57	62	N	Y	Y	Y
	1/8"	1"	366 - argon - i89 (Energy MAX)	0.26	0.24	0.56	51	Y	Y	Y	Y
MODERN VU INSWING DOOR TRANSOM	1/8"	1"	180 - argon - i89 (Energy North)	0.34	0.49	0.60	45	N	N	N	N
	1/8"	1"	272 - argon - clear (Energy Basic)	0.37	0.33	0.56	48	N	N	N	N
	1/8"	1"	272 - argon - i89 (Energy Plus)	0.33	0.32	0.55	46	N	N	N	N
	1/8"	1"	366 - argon - clear (Energy 3S)	0.37	0.22	0.50	48	N	N	N	Y
	1/8"	1"	366 - argon - i89 (Energy MAX)	0.33	0.21	0.49	46	N	N	N	Y
MODERN VU OUTSWING DOOR TRANSOM	1/8"	1"	180 - argon - i89 (Energy North)	0.36	0.50	0.60	49	N	N	N	N
	1/8"	1"	272 - argon - clear (Energy Basic)	0.39	0.33	0.56	55	N	N	N	N
	1/8"	1"	272 - argon - i89 (Energy Plus)	0.35	0.33	0.55	50	N	N	N	N
	1/8"	1"	366 - argon - clear (Energy 3S)	0.38	0.22	0.50	55	N	N	N	Y
	1/8"	1"	366 - argon - i89 (Energy MAX)	0.35	0.22	0.49	50	N	N	N	Y
MODERNVU INSWING DOOR	1/8"	1"	180 - argon - i89 (Energy North)	0.38	0.42	0.50	45	N	N	N	N
	1/8"	1"	240 - argon - i89 (Energy Enhanced)	0.38	0.17	0.25	45	N	N	N	Y
	1/8"	1"	272 - argon - clear (Energy Basic)	0.41	0.28	0.47	45	N	N	N	N
	1/8"	1"	272 - argon - i89 (Energy Plus)	0.37	0.28	0.46	45	N	N	N	N
	1/8"	1"	366 - argon - clear (Energy 3S)	0.40	0.19	0.42	45	N	N	N	Y
	1/8"	1"	366 - argon - i89 (Energy MAX)	0.37	0.19	0.41	45	N	N	N	Y



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Product Name	Pane Thickness	IG Thickness	Glass Type (no dividers, Super spacer)	U-Value	SHGC	VT	CR	Energy Star Ver6			
								Qualifying Zones			
								N	NC	SC	S
<b>MODERNVU INSWING DOOR (10" BOTTOM RAIL)</b>	1/8"	1"	180 - argon - i89 (Energy North)	0.40	0.39	0.46	45	N	N	N	N
	1/8"	1"	240 - argon - i89 (Energy Enhanced)	0.40	0.16	0.23	45	N	N	N	Y
	1/8"	1"	272 - argon - clear (Energy Basic)	0.43	0.26	0.43	45	N	N	N	N
	1/8"	1"	272 - argon - i89 (Energy Plus)	0.40	0.26	0.42	45	N	N	N	N
	1/8"	1"	366 - argon - clear (Energy 3S)	0.42	0.18	0.39	45	N	N	N	N
	1/8"	1"	366 - argon - i89 (Energy MAX)	0.39	0.17	0.38	45	N	N	N	Y
<b>MODERNVU OUTSWING DOOR</b>	1/8"	1"	180 - argon - i89 (Energy North)	0.40	0.42	0.50	45	N	N	N	N
	1/8"	1"	240 - argon - i89 (Energy Enhanced)	0.40	0.17	0.25	45	N	N	N	Y
	1/8"	1"	272 - argon - clear (Energy Basic)	0.43	0.28	0.47	46	N	N	N	N
	1/8"	1"	272 - argon - i89 (Energy Plus)	0.39	0.28	0.46	45	N	N	N	N
	1/8"	1"	366 - argon - clear (Energy 3S)	0.43	0.19	0.42	46	N	N	N	N
	1/8"	1"	366 - argon - i89 (Energy MAX)	0.39	0.19	0.41	45	N	N	N	Y
<b>MODERNVU OUTSWING DOOR (10" BOTTOM RAIL)</b>	1/8"	1"	180 - argon - i89 (Energy North)	0.42	0.39	0.46	44	N	N	N	N
	1/8"	1"	240 - argon - i89 (Energy Enhanced)	0.42	0.16	0.23	44	N	N	N	N
	1/8"	1"	272 - argon - clear (Energy Basic)	0.45	0.26	0.43	45	N	N	N	N
	1/8"	1"	272 - argon - i89 (Energy Plus)	0.41	0.26	0.42	44	N	N	N	N
	1/8"	1"	366 - argon - clear (Energy 3S)	0.44	0.18	0.38	45	N	N	N	N
	1/8"	1"	366 - argon - i89 (Energy MAX)	0.41	0.18	0.38	44	N	N	N	N
<b>MODERNVU SLIDING DOOR</b>	1/8"	1"	180 - argon - i89 (Energy North)	0.37	0.48	0.58	44	N	N	N	N
	1/8"	1"	272 - argon - clear (Energy Basic)	0.39	0.32	0.55	45	N	N	N	N
	1/8"	1"	272 - argon - i89 (Energy Plus)	0.36	0.31	0.53	44	N	N	N	N
	1/8"	1"	366 - argon - clear (Energy 3S)	0.39	0.22	0.49	45	N	N	N	Y
	1/8"	1"	366 - argon - i89 (Energy MAX)	0.36	0.21	0.47	45	N	N	N	Y
<b>MODERNVU SLIDING DOOR TRANSOM</b>	1/8"	1"	180 - argon - i89 (Energy North)	0.35	0.48	0.58	48	N	N	N	N
	1/8"	1"	272 - argon - clear (Energy Basic)	0.38	0.32	0.54	55	N	N	N	N
	1/8"	1"	272 - argon - i89 (Energy Plus)	0.34	0.32	0.53	49	N	N	N	N
	1/8"	1"	366 - argon - clear (Energy 3S)	0.38	0.22	0.49	55	N	N	N	Y
	1/8"	1"	366 - argon - i89 (Energy MAX)	0.34	0.21	0.47	49	N	N	N	Y