



Aluminum Products

Window Series	Grids	Glazing Type	STC	U-Value	SHGC	VLT	Energy Star Compliance	High Performance Low-E Option			HP Energy Star Compliance	
								U-Value	SHGC	VLT		
185 Single Hung	No Grids	Clear Insulated	28	0.68	0.64	0.67						
		Low-E Insulated	28	0.54	0.33	0.57		0.54	0.25	0.45		
		Low-E Insulated w/ argon	28	0.49	0.33	0.57		0.49	0.24	0.45		
		Impact Low-E Insulated w/ argon	33	0.58	0.24	0.52		0.58	0.24	0.45		
	Grids	Clear Insulated	28	0.68	0.58	0.60						
		Low-E Insulated	28	0.56	0.30	0.51		0.55	0.22	0.40		
Low-E Insulated w/ argon		28	0.51	0.30	0.51		0.51	0.22	0.40			
185 Picture Window	No Grids	Clear Insulated	27	0.60	0.71	0.74						
		Low-E Insulated	27	0.45	0.34	0.62		0.45	0.26	0.49		
		Low-E Insulated w/ argon	27	0.40	0.33	0.62		0.40	0.26	0.49		
		Impact Low-E Insulated w/ argon	33	0.38	0.25	0.57	S	0.38	0.25	0.48	S	
	Grids	Clear Insulated	27	0.61	0.64	0.66						
		Low-E Insulated	27	0.47	0.31	0.56		0.47	0.24	0.44		
		Low-E Insulated w/ argon	27	0.42	0.30	0.56		0.41	0.24	0.44		
		Impact Low-E Insulated w/ argon	33	0.40	0.23	0.52	S	0.40	0.23	0.44	S	
188 Single Slider	No Grids	Clear Insulated	28	0.70	0.64	0.67						
		Low-E Insulated	28	0.56	0.33	0.57		0.56	0.25	0.45		
		Low-E Insulated w/ argon	28	0.51	0.33	0.57		0.51	0.24	0.45		
		Impact Low-E Insulated w/ argon	32	0.60	0.24	0.52		0.60	0.24	0.45		
	Grids	Clear Insulated	28	0.70	0.58	0.60						
		Low-E Insulated	28	0.58	0.30	0.51		0.57	0.22	0.40		
		Low-E Insulated w/ argon	28	0.53	0.30	0.51		0.53	0.22	0.40		
		Impact Low-E Insulated w/ argon	32	0.64	0.22	0.46		0.64	0.22	0.40		
420 Sliding Glass Door	No Grids	Clear Insulated	26	0.68	0.68	0.70						
		Low-E Insulated	26	0.55	0.34	0.60		0.54	0.25	0.47		
	Grids	Clear Insulated	26	0.70	0.60	0.62						
		Low-E Insulated	26	0.57	0.30	0.53		0.57	0.23	0.42		
120 Sliding Glass Door	No Grids	HP Low-E Insulated						0.68	0.22	0.39		
		LoE ³ -340 Insulated w/argon						0.65	0.14	0.27		
		LoE ³ -366 Insulated Impact-Resistant w/argon						0.65	0.21	0.44		
		LoE ³ -340 Insulated Impact-Resistant w/argon						0.65	0.15	0.26		
	Grids	HP Low-E Insulated							0.68	0.19	0.34	
		LoE ³ -340 Insulated w/argon							0.65	0.13	0.24	
		LoE ³ -366 Insulated Impact-Resistant w/argon							0.66	0.19	0.38	
		LoE ³ -340 Insulated Impact-Resistant w/argon							0.66	0.13	0.23	

Assumptions:

Standard: Duraseal Spacer, LowE = RLE7036, HP LowE = RLE5527 (x1) Glass thickness: DSB|DSB;
 Impact: SSBox Spacer, LowE = LOE366

185 SH, PW, 188 HS Impact = 1/8 | 3/32|090PVB|3/32
 120 SGD Impact = 3/16 | 3/16|100SAFELEXHP|3/16