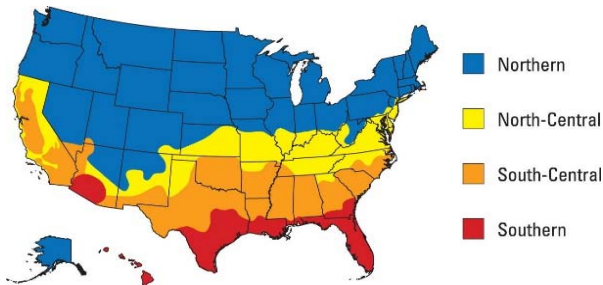




3800-3900 Series

Glass Package	IG Thick	Interior Glass	Exterior Glass	No Grids			Energy Star	Flat or Sculpted Grids			Energy Star
				U-Value	SHGC	VLT		U-Value	SHGC	VLT	
3800 -3900 Single Hung											
Clear	3/4"	2.3mm Clear	2.3mm Clear	0.48	0.64	0.65		0.48	0.57	0.58	
LowE2	3/4"	2.3mm Clear	2.3mm 7036	0.34	0.31	0.56		0.34	0.28	0.50	
LowE2, Argon	3/4"	2.3mm Clear	2.3mm 7036	0.30	0.31	0.56	NC	0.30	0.28	0.50	NC
LowE3, Argon	3/4"	2.3mm 7257	2.3mm Clear	0.30	0.46	0.56	N	0.30	0.42	0.50	N
LowE2 Solar, Argon	3/4"	2.3mm Clear	2.3mm 5527	0.30	0.22	0.44	NC, SC, S	0.30	0.20	0.39	NC, SC, S
LowE4, Argon	3/4"	2.3mm IS20	2.3mm 7036	0.26	0.30	0.54	N, NC	0.26	0.27	0.48	N, NC
Clear	3/4"	3mm Clear	3mm Clear	0.48	0.63	0.65		0.49	0.56	0.58	
LowE2	3/4"	3mm Clear	3mm 7036	0.34	0.31	0.55		0.36	0.28	0.49	
LowE2, Argon	3/4"	3mm Clear	3mm 7036	0.30	0.31	0.55	NC	0.31	0.28	0.49	
LowE3, Argon	3/4"	3mm 7257	3mm Clear	0.30	0.46	0.56	N	0.31	0.41	0.50	
LowE2 Solar, Argon	3/4"	3mm Clear	3mm 5527	0.30	0.22	0.44	NC, SC, S	0.31	0.20	0.39	S
LowE4, Argon	3/4"	3mm IS20	3mm 7036	0.26	0.30	0.54	N, NC	0.27	0.27	0.48	N, NC
3810 -3910 Single Horizontal Slider											
Clear	3/4"	2.3mm Clear	2.3mm Clear	0.47	0.63	0.64		0.47	0.56	0.57	
LowE2	3/4"	2.3mm Clear	2.3mm 7036	0.33	0.31	0.55		0.33	0.28	0.49	
LowE2, Argon	3/4"	2.3mm Clear	2.3mm 7036	0.30	0.30	0.55	NC	0.30	0.27	0.49	NC
LowE3, Argon	3/4"	2.3mm 7257	2.3mm Clear	0.30	0.46	0.56	N	0.30	0.41	0.50	
LowE2 Solar, Argon	3/4"	2.3mm Clear	2.3mm 5527	0.29	0.22	0.43	NC, SC, S	0.30	0.20	0.39	NC, SC, S
LowE4, Argon	3/4"	2.3mm IS20	2.3mm 7036	0.26	0.30	0.53	N, NC	0.26	0.27	0.47	N, NC
Clear	3/4"	3mm Clear	3mm Clear	0.48	0.62	0.64		0.48	0.55	0.57	
LowE2	3/4"	3mm Clear	3mm 7036	0.34	0.31	0.55		0.35	0.28	0.49	
LowE2, Argon	3/4"	3mm Clear	3mm 7036	0.30	0.30	0.55	NC	0.31	0.27	0.49	
LowE3, Argon	3/4"	3mm 7257	3mm Clear	0.30	0.45	0.55	N	0.31	0.40	0.49	
LowE2 Solar, Argon	3/4"	3mm Clear	3mm 5527	0.29	0.22	0.43	NC, SC, S	0.31	0.20	0.38	S
LowE4, Argon	3/4"	3mm IS20	3mm 7036	0.26	0.30	0.53	N, NC	0.27	0.27	0.47	N, NC
3800 -3900 FIXED											
Clear	3/4"	3mm Clear	3mm Clear	0.47	0.66	0.68		0.48	0.59	0.61	
LowE2	3/4"	3mm Clear	3mm 7036	0.32	0.33	0.58		0.34	0.30	0.52	
LowE2, Argon	3/4"	3mm Clear	3mm 7036	0.28	0.32	0.58	N, NC	0.29	0.29	0.52	NC
LowE3, Argon	3/4"	3mm 7257	3mm Clear	0.28	0.48	0.59	N	0.29	0.43	0.53	N
LowE2 Solar, Argon	3/4"	3mm Clear	3mm 5527	0.28	0.24	0.46	NC, SC, S	0.29	0.22	0.41	NC, SC, S
LowE4, Argon	3/4"	3mm IS20	3mm 7036	0.24	0.32	0.57	N, NC	0.25	0.29	0.51	N, NC
Clear	3/4"	4mm Clear	3mm Clear								
LowE2	3/4"	4mm Clear	3mm 7036								
LowE2, Argon	3/4"	4mm Clear	3mm 7036	0.28	0.32	0.58	N, NC	0.30	0.29	0.52	NC
LowE3, Argon	3/4"	4mm 7257	3mm Clear								
LowE2 Solar, Argon	3/4"	4mm Clear	3mm 5527								
LowE4, Argon	3/4"	4mm IS20	3mm 7036								

ENERGY STAR Qualification Criteria for Residential Windows, Doors, and Skylights



Windows

Climate Zone	U-Factor ¹	SHGC ²	
Northern*	≤ 0.27	Any	Prescriptive
	= 0.28	≥ 0.32	Equivalent Energy Performance
	= 0.29	≥ 0.37	
	= 0.30	≥ 0.42	
North-Central	≤ 0.30	≤ 0.40	
South-Central	≤ 0.30	≤ 0.25	
Southern	≤ 0.40	≤ 0.25	

Doors

Glazing Level	U-Factor ¹	SHGC ²
> ½-Lite	≤ 0.30	Northern North-Central ≤ 0.40
		Southern South-Central ≤ 0.25

Air Leakage for Sliding Doors ≤ 0.3 cfm/ft²
 Air Leakage for Swinging Doors ≤ 0.5 cfm/ft²