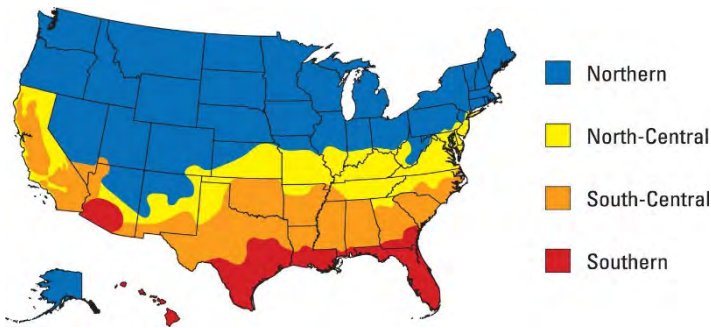




7400 SERIES Double Hung

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		
7400 Double Hung												
Clear	3/4"	2.3mm Clear	2.3mm Clear	0.47	0.63	0.65		0.47	0.57	0.58		
LowE2	3/4"	2.3mm Clear	2.3mm 7036	0.33	0.31	0.56		0.33	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	0.29	0.22	0.44	NC, SC, S	0.29	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	0.47	0.62	0.65		0.47	0.56	0.58		
LowE2	3/4"	3mm Clear	3mm 7036	0.33	0.31	0.55		0.33	0.28	0.49		
LowE2, Argon	3/4"	3mm Clear	3mm 7036	0.29	0.31	0.55	NC	0.29	0.28	0.49	NC	
LowE3, Argon	3/4"	3mm 7257	3mm Clear	0.30	0.46	0.56	N	0.30	0.41	0.50		
LowE2 Solar, Argon	3/4"	3mm Clear	3mm 5527	0.29	0.22	0.44	NC, SC, S	0.29	0.20	0.39	NC, SC, S	
LowE4, Argon	3/4"	3mm IS20	3mm 7036	0.26	0.30	0.54	N, NC	0.26	0.27	0.48	N, NC	
7400 Horizontal Slider												
Clear	3/4"	2.3mm Clear	2.3mm Clear	0.46	0.63	0.65		0.46	0.57	0.58		
LowE2	3/4"	2.3mm Clear	2.3mm 7036	0.32	0.31	0.56		0.32	0.28	0.50		
LowE2, Argon	3/4"	2.3mm Clear	2.3mm 7036	0.29	0.31	0.56	NC	0.29	0.28	0.50	NC	
LowE3, Argon	3/4"	2.3mm 7257	2.3mm Clear	0.29	0.46	0.56	N	0.29	0.42	0.50	N	
LowE2 Solar, Argon	3/4"	2.3mm Clear	2.3mm 5527	0.29	0.22	0.44	NC, SC, S	0.29	0.20	0.39	NC, SC, S	
LowE4, Argon	3/4"	2.3mm IS20	2.3mm 7036	0.25	0.30	0.54	N, NC	0.25	0.27	0.48	N, NC	
Clear	3/4"	3mm Clear	3mm Clear	0.46	0.62	0.64		0.46	0.56	0.58		
LowE2	3/4"	3mm Clear	3mm 7036	0.32	0.31	0.55		0.32	0.28	0.49		
LowE2, Argon	3/4"	3mm Clear	3mm 7036	0.28	0.30	0.55	NC	0.28	0.27	0.49	NC	
LowE3, Argon	3/4"	3mm 7257	3mm Clear	0.29	0.46	0.56	N	0.29	0.41	0.50	N	
LowE2 Solar, Argon	3/4"	3mm Clear	3mm 5527	0.28	0.22	0.44	NC, SC, S	0.28	0.20	0.39	NC, SC, S	
LowE4, Argon	3/4"	3mm IS20	3mm 7036	0.25	0.30	0.54	N, NC	0.25	0.27	0.48	N, NC	
7400 Fixed Window												
Clear	3/4"	2.3mm Clear	2.3mm Clear	0.48	0.67	0.69		0.48	0.60	0.61		
LowE2	3/4"	2.3mm Clear	2.3mm 7036	0.33	0.33	0.59		0.33	0.30	0.53		
LowE2, Argon	3/4"	2.3mm Clear	2.3mm 7036	0.30	0.33	0.59	NC	0.30	0.29	0.53	NC	
LowE3, Argon	3/4"	2.3mm 7257	2.3mm Clear	0.30	0.49	0.60	N	0.30	0.44	0.53	N	
LowE2 Solar, Argon	3/4"	2.3mm Clear	2.3mm 5527	0.29	0.24	0.46	NC, SC, S	0.29	0.21	0.42	NC, SC, S	
LowE4, Argon	3/4"	2.3mm IS20	2.3mm 7036	0.26	0.32	0.57	N, NC	0.26	0.29	0.50	N, NC	
Clear	3/4"	3mm Clear	3mm Clear	0.48	0.66	0.68		0.48	0.59	0.61		
LowE2	3/4"	3mm Clear	3mm 7036	0.33	0.33	0.58		0.33	0.30	0.52		
LowE2, Argon	3/4"	3mm Clear	3mm 7036	0.29	0.32	0.58	N, NC	0.29	0.29	0.52	NC	
LowE3, Argon	3/4"	3mm 7257	3mm Clear	0.30	0.48	0.59	N	0.30	0.44	0.53	N	
LowE2 Solar, Argon	3/4"	3mm Clear	3mm 5527	0.29	0.24	0.46	N, NC, SC, S	0.29	0.21	0.41	NC, SC, S	
LowE4, Argon	3/4"	3mm IS20	3mm 7036	0.25	0.32	0.57	N, NC	0.25	0.29	0.50	N, NC	



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

Windows			Doors		
Climate Zone	U-Factor ¹	SHGC ²	Glazing Level	U-Factor ¹	SHGC ²
Northern*	≤ 0.27	Any	Prescriptive	≤ 0.30	≤ 0.40
	= 0.28	≥ 0.32	Equivalent Energy Performance	≤ 0.30	≤ 0.25
	= 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			

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

¹ Btu/h ft² °F
² Solar Heat Gain Coefficient

* The effective date for the Northern Zone prescriptive and equivalent energy performance criteria for windows is January 1, 2016.