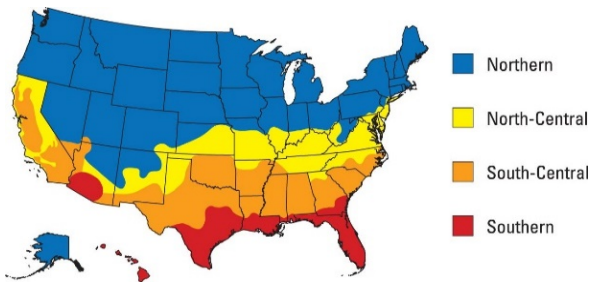




5800-5900 Double Hung Series

Glass Package	IG Thick	Interior Glass	Exterior Glass	No Grids			Energy Star	Flat or Sculpted Grids			Energy Star	
				U-Value	SHGC	VLТ		U-Value	SHGC	VLТ		
5800 -5900 Double Hung												
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	0.33	0.31	0.56		0.33	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	3/4"	2.3mm Clear	2.3mm 5527	0.33	0.23	0.44	S	0.33	0.20	0.39	S	
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	0.65		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	0.31	0.55	NC	0.28	0.28	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	3/4"	3mm Clear	3mm 5527	0.32	0.23	0.44	S	0.32	0.20	0.39	S	
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	
5810 -5910 Single 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	0.28	0.31	0.56	NC	0.28	0.28	0.50	NC	
LowE3, Argon	3/4"	2.3mm 7257	2.3mm Clear	0.28	0.46	0.56	N	0.28	0.42	0.50	N	
LowE2 Solar	3/4"	2.3mm Clear	2.3mm 5527	0.32	0.22	0.44	S	0.32	0.20	0.39	S	
LowE2 Solar, Argon	3/4"	2.3mm Clear	2.3mm 5527	0.28	0.22	0.44	NC, SC, S	0.28	0.20	0.39	NC, SC, S	
LowE4, Argon	3/4"	2.3mm IS20	2.3mm 7036	0.24	0.30	0.54	N, NC	0.24	0.27	0.47	N, NC	
Clear	3/4"	3mm Clear	3mm Clear	0.46	0.62	0.65		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	0.31	0.55	NC	0.28	0.28	0.49	NC	
LowE3, Argon	3/4"	3mm 7257	3mm Clear	0.28	0.46	0.56	N	0.28	0.41	0.50	N	
LowE2 Solar	3/4"	3mm Clear	3mm 5527	0.31	0.23	0.44	S	0.31	0.20	0.39	S	
LowE2 Solar, Argon	3/4"	3mm Clear	3mm 5527	0.28	0.22	0.44	NC, SC, S	0.28	0.20	0.38	NC, SC, S	
LowE4, Argon	3/4"	3mm IS20	3mm 7036	0.25	0.32	0.57	N, NC	0.25	0.29	0.51	N, NC	
5800 -5900 FIXED												
Clear	3/4"	3mm Clear	3mm Clear	0.47	0.66	0.68		0.47	0.59	0.61		
LowE2	3/4"	3mm Clear	3mm 7036	0.32	0.33	0.58		0.32	0.30	0.52		
LowE2, Argon	3/4"	3mm Clear	3mm 7036	0.28	0.32	0.58	NC	0.28	0.29	0.52	NC	
LowE3, Argon	3/4"	3mm 7257	3mm Clear	0.29	0.48	0.59	N	0.29	0.44	0.53	N	
LowE2 Solar	3/4"	3mm Clear	3mm 5527	0.32	0.24	0.46	S	0.32	0.22	0.41	S	
LowE2 Solar, Argon	3/4"	3mm Clear	3mm 5527	0.28	0.24	0.46	NC, SC, S	0.28	0.21	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	0.47	0.65	0.68		0.47	0.59	0.61		
LowE2	3/4"	4mm Clear	3mm 7036	0.33	0.33	0.58		0.33	0.30	0.52		
LowE2, Argon	3/4"	4mm Clear	3mm 7036	0.28	0.32	0.58	N, NC	0.28	0.29	0.52	NC	
LowE3, Argon	3/4"	4mm 7257	3mm Clear	0.29	0.48	0.59	N	0.29	0.43	0.53	N	
LowE2 Solar	3/4"	4mm Clear	3mm 5527	0.33	0.24	0.46	S	0.33	0.22	0.41	S	
LowE2 Solar, Argon	3/4"	4mm Clear	3mm 5527	0.28	0.24	0.46	NC, SC, S	0.28	0.22	0.41	NC, SC, S	
LowE4, Argon	3/4"	4mm IS20	3mm 7036	0.25	0.31	0.56	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	> 1/2-Lite	≤ 0.30	Northern	≤ 0.40
	≥ 0.28	≥ 0.32				North-Central	≤ 0.40
	≥ 0.29	≥ 0.37				Southern	≤ 0.25
	≥ 0.30	≥ 0.42				South-Central	≤ 0.25
North-Central	≤ 0.30	≤ 0.40	Equivalent Energy Performance				
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