

Model Number	Glass - Description	U-Factor				Solar Heat Gain Coefficient (SHGC)		Visible Transmittance (VT)		Northern Zone (N) North-Central Zone (NC) South-Central Zone (SC) Southern Zone (S)															
		U-Factor	U-Factor with Argon	U-Factor with Grids	U-Factor with Argon and Grids	SHGC with Grids	SHGC	VT with Grids	VT	Low E only	Low E only	Low E only	Low E only	With Argon	With Argon	With Argon	With Argon	With Grids	With Grids	With Grids	With Grids	With Argon and Grids	With Argon and Grids	With Argon and Grids	With Argon and Grids
										N	NC	SC	S	N	NC	SC	S	N	NC	SC	S	N	NC	SC	S
1000 Fixed Picture <i>limited availability</i>	DS Clear/Low-E 40	0.32	0.28	0.32	0.28	0.29	0.32	0.50	0.56	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	NO
	Bronze/Low-E 40	0.32	0.28	0.32	0.28	0.28	0.31	0.40	0.45	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	NO
	Obscure/LowE- 40	0.32	0.28	0.32	0.28	0.29	0.32	0.50	0.56	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	NO
	Gray/Low E- 40	0.32	0.28	0.32	0.28	0.27	0.30	0.34	0.38	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES
	DS Clear/Low E-23	0.32	0.28	0.32	0.28	0.17	0.18	0.28	0.31	NO	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES
	Bronze/Low E-23	0.32	0.28	0.32	0.28	0.27	0.30	0.21	0.24	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES
	Obscure/Low E-23	0.32	0.28	0.32	0.28	0.17	0.18	0.28	0.31	NO	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES
1045 - HS Double Hung Horizontal Slider <i>limited availability</i>	SS Clear/Low E 40	0.34	0.31	0.34	0.31	0.26	0.29	0.44	0.49	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES
	DS Clear/Low-E 40	0.34	0.31	0.34	0.31	0.26	0.29	0.44	0.49	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES
	Bronze/Low-E 40	0.34	0.31	0.34	0.31	0.25	0.28	0.33	0.37	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES
	Obscure/LowE- 40	0.34	0.31	0.34	0.31	0.26	0.29	0.44	0.49	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES
	Gray/Low E- 40	0.34	0.31	0.34	0.31	0.24	0.27	0.30	0.34	NO	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	NO	YES	YES	YES
	SS Clear/Low E-23	0.34	0.31	0.34	0.31	0.15	0.16	0.25	0.28	NO	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	NO	YES	YES	YES
	DS Clear/Low E-23	0.34	0.31	0.34	0.31	0.15	0.16	0.25	0.28	NO	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	NO	YES	YES	YES
	Bronze/Low E-23	0.34	0.31	0.34	0.31	0.24	0.27	0.18	0.21	NO	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	NO	YES	YES	YES
	Obscure/Low E-23	0.34	0.31	0.34	0.31	0.15	0.16	0.25	0.28	NO	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	NO	YES	YES	YES
	DS Clear/Low-E 40 Duralite	0.33	0.30	0.33	0.30	0.25	0.28	0.44	0.49	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES
	SS CLEAR/Low E-23 Duralite	0.33	0.30	0.33	0.30	0.15	0.16	0.25	0.28	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES
	DS Clear/Low E-23 Duralite	0.33	0.30	0.33	0.30	0.15	0.16	0.25	0.28	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES
	Bronze/Low E 40 Duralite	0.33	0.30	0.33	0.30	0.25	0.28	0.33	0.37	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES
	Gray/Low E 40 Duralite	0.33	0.30	0.33	0.30	0.24	0.26	0.30	0.34	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES
Obscure/Low E 23 Duralite	0.33	0.30	0.33	0.30	0.15	0.16	0.25	0.28	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	
Obscure/LowE 40 Duralite	0.33	0.30	0.33	0.30	0.25	0.28	0.33	0.37	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	
1145 - DH Double Hung <i>limited availability</i>	SS Clear/LowE 40	0.33	0.30	0.33	0.30	0.27	0.30	0.46	0.52	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES
	DS Clear/Low-E 40	0.33	0.30	0.33	0.30	0.27	0.30	0.46	0.52	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES
	Bronze/Low-E 40	0.33	0.30	0.33	0.30	0.26	0.29	0.35	0.39	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES
	Obscure/LowE- 40	0.33	0.30	0.33	0.30	0.27	0.30	0.46	0.52	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES
	Gray/Low E- 40	0.33	0.30	0.33	0.30	0.25	0.28	0.32	0.36	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES
	SS Clear/Low E-23	0.33	0.30	0.33	0.30	0.15	0.17	0.26	0.29	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES
	DS Clear/Low E-23	0.33	0.30	0.33	0.30	0.15	0.17	0.26	0.29	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES
	Bronze/Low E-23	0.33	0.30	0.33	0.30	0.25	0.28	0.20	0.22	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES
Obscure/Low E-23	0.33	0.30	0.33	0.30	0.15	0.17	0.26	0.29	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	
2500 - Fixed Picture	DS Clear/Low-E 40	0.33	0.29	0.33	0.29	0.28	0.31	0.49	0.55	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	YES	NO	YES	YES	YES	NO
	Bronze/Low-E 40	0.33	0.29	0.33	0.29	0.27	0.30	0.36	0.40	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES
	Obscure/LowE- 40	0.33	0.29	0.33	0.29	0.28	0.31	0.49	0.55	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	YES	NO	YES	YES	YES	NO

Model Number	Glass - Description	U-Factor				Solar Heat Gain Coefficient (SHGC)		Visible Transmittance (VT)		Northern Zone (N) North-Central Zone (NC) South-Central Zone (SC) Southern Zone (S)																
		U-Factor	U-Factor with Argon	U-Factor with Grids	U-Factor with Argon and Grids	SHGC with Grids	SHGC	VT with Grids	VT	Low E only	Low E only	Low E only	Low E only	With Argon	With Argon	With Argon	With Argon	With Grids	With Grids	With Grids	With Grids	With Argon and Grids	With Argon and Grids	With Argon and Grids	With Argon and Grids	
										N	NC	SC	S	N	NC	SC	S	N	NC	SC	S	N	NC	SC	S	
2500 - Fixed Picture continued	Gray/Low E- 40	0.33	0.29	0.33	0.29	0.26	0.29	0.32	0.36	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	
	DS Clear/Low E-23	0.33	0.29	0.33	0.29	0.16	0.18	0.27	0.31	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	
	Bronze/Low E-23	0.33	0.29	0.33	0.29	0.26	0.29	0.20	0.23	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	
	Obscure/Low E-23	0.33	0.29	0.33	0.29	0.16	0.18	0.27	0.31	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	
2545 - HS Double Hung Horizontal Slider	SS Clear/LowE 40	0.34	0.31	0.34	0.31	0.28	0.30	0.48	0.54	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	NO	NO	YES	YES	NO	
	DS Clear/Low-E 40	0.34	0.31	0.34	0.31	0.28	0.31	0.48	0.54	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO	YES	NO	NO	YES	NO	NO	
	Bronze/Low-E 40	0.34	0.31	0.34	0.31	0.27	0.30	0.35	0.40	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	
	Obscure/LowE- 40	0.34	0.31	0.34	0.31	0.28	0.31	0.48	0.54	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO	YES	NO	NO	YES	YES	NO	
	Gray/Low E- 40	0.34	0.31	0.34	0.31	0.25	0.28	0.32	0.36	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	
	DS Clear/Low E-23	0.34	0.30	0.34	0.30	0.16	0.17	0.27	0.30	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	
	Bronze/Low E-23	0.34	0.30	0.34	0.30	0.26	0.29	0.20	0.23	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	
	Obscure/Low E-23	0.34	0.30	0.34	0.30	0.16	0.17	0.27	0.30	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	
	SS CLEAR/Low E-40 Duralite	0.33	0.29	0.33	0.29	0.27	0.30	0.48	0.54	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES
	Obscure/LowE 40 Duralite	0.33	0.29	0.33	0.29	0.27	0.30	0.48	0.54	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES
	Gray/LowE 40 - Duralite	0.33	0.29	0.33	0.29	0.26	0.29	0.33	0.37	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES
Bronze/LowE 40 Duralite	0.33	0.29	0.33	0.29	0.27	0.30	0.36	0.40	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES	
2645 - DH Double Hung limited availability	SS Clear/LowE 40	0.34	0.31	0.34	0.31	0.27	0.30	0.48	0.54	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	
	DS Clear/Low-E 40	0.34	0.31	0.34	0.31	0.27	0.30	0.48	0.54	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	
	Bronze/Low-E 40	0.34	0.31	0.34	0.31	0.27	0.30	0.36	0.40	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	
	Obscure/LowE- 40	0.34	0.31	0.34	0.31	0.27	0.30	0.48	0.54	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	
	Gray/Low E- 40	0.34	0.31	0.34	0.31	0.26	0.28	0.33	0.37	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	
	SS Clear/Low E-23	0.34	0.31	0.34	0.31	0.16	0.18	0.27	0.31	NO	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	NO	YES	YES	YES	
	DS Clear/Low E-23	0.34	0.31	0.34	0.31	0.16	0.17	0.27	0.30	NO	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	NO	YES	YES	YES	
	Bronze/Low E-23	0.34	0.31	0.34	0.31	0.26	0.29	0.20	0.23	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	
	Obscure/Low E-23	0.34	0.31	0.34	0.31	0.16	0.18	0.27	0.30	NO	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	NO	YES	YES	YES	
	SS CLEAR/Low E-40 Duralite	0.33	0.29	0.33	0.29	0.27	0.30	0.48	0.54	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	
	SS CLEAR/Low E-23 Duralite	0.33	0.29	0.33	0.29	0.16	0.18	0.27	0.31	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	
	DS Clear/Low E-23 Duralite	0.33	0.29	0.33	0.29	0.16	0.18	0.27	0.30	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	
	DS Clear/Low-E 40 Duralite	0.33	0.29	0.33	0.29	0.27	0.30	0.27	0.30	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	
Bronze/LowE 40 Duralite	0.33	0.29	0.33	0.29	0.27	0.30	0.36	0.40	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES		
Obscure/Low E 23 Duralite	0.33	0.29	0.33	0.29	0.16	0.18	0.27	0.30	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES		
Obscure/Low E 40 Duralite	0.33	0.29	0.33	0.29	0.27	0.30	0.48	0.54	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES		
2745 - DH Double Hung	SS Clear/LowE 40	0.34	0.31	0.34	0.31	0.27	0.30	0.48	0.54	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	
	DS Clear/Low-E 40	0.34	0.31	0.34	0.31	0.27	0.30	0.48	0.54	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	
	Bronze/Low-E 40	0.34	0.31	0.34	0.31	0.27	0.30	0.36	0.40	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	

Model Number	Glass - Description	U-Factor				Solar Heat Gain Coefficient (SHGC)		Visible Transmittance (VT)		Northern Zone (N) North-Central Zone (NC) South-Central Zone (SC) Southern Zone (S)																
		U-Factor	U-Factor with Argon	U-Factor with Grids	U-Factor with Argon and Grids	SHGC with Grids	SHGC	VT with Grids	VT	Low E only	Low E only	Low E only	Low E only	With Argon	With Argon	With Argon	With Argon	With Grids	With Grids	With Grids	With Grids	With Argon and Grids	With Argon and Grids	With Argon and Grids	With Argon and Grids	
										N	NC	SC	S	N	NC	SC	S	N	NC	SC	S	N	NC	SC	S	
2745 - DH Double Hung <i>continued</i> <i>limited</i> <i>availability</i>	Obscure/LowE- 40	0.34	0.31	0.34	0.31	0.27	0.30	0.48	0.54	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	
	Gray/Low E- 40	0.34	0.31	0.34	0.31	0.26	0.28	0.33	0.37	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	
	SS Clear/Low E-23	0.34	0.31	0.34	0.31	0.16	0.18	0.27	0.31	NO	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	NO	YES	YES	YES	
	DS Clear/Low E-23	0.34	0.31	0.34	0.31	0.16	0.17	0.27	0.30	NO	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	NO	YES	YES	YES	
	Bronze/Low E-23	0.34	0.31	0.34	0.31	0.26	0.29	0.20	0.23	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	
	Obscure/Low E-23	0.34	0.31	0.34	0.31	0.16	0.18	0.27	0.30	NO	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	NO	YES	YES	YES	
	DS Clear/Low-E 40 Duralite	0.33	0.29	0.33	0.29	0.27	0.30	0.48	0.54	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES
	SS CLEAR/Low E-23 Duralite	0.33	0.29	0.33	0.29	0.16	0.18	0.27	0.31	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES
	DS Clear/Low E-23 Duralite	0.33	0.29	0.33	0.29	0.16	0.18	0.27	0.30	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES
Obscure/Low E 23 Duralite	0.33	0.29	0.33	0.29	0.16	0.18	0.27	0.30	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES	
2945 - DH Double Hung	SS Clear/LowE 40	0.35	0.31	0.35	0.31	0.28	0.30	0.48	0.54	NO	NO	YES	YES	NO	YES	YES	NO	NO	NO	YES	NO	NO	YES	YES	NO	
	Bronze/Low-E 40	0.34	0.31	0.34	0.31	0.27	0.30	0.36	0.41	NO	NO	YES	YES	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	
	Obscure/LowE- 40	0.34	0.31	0.34	0.31	0.28	0.31	0.48	0.54	NO	NO	NO	YES	NO	YES	NO	NO	NO	NO	YES	NO	NO	YES	YES	NO	
	Gray/Low E- 40	0.34	0.31	0.34	0.31	0.25	0.28	0.32	0.36	NO	NO	YES	YES	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	
	SS Clear/Low E-23	0.34	0.31	0.34	0.31	0.16	0.18	0.28	0.31	NO	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	NO	YES	YES	YES	
	DS Clear/Low E-23	0.34	0.31	0.34	0.31	0.16	0.17	0.27	0.30	NO	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	NO	YES	YES	YES	
	Bronze/Low E-23	0.33	0.30	0.33	0.30	0.26	0.28	0.20	0.23	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	
	Obscure/Low E-23	0.34	0.31	0.34	0.31	0.16	0.18	0.27	0.30	NO	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	NO	YES	YES	YES	
	SS CLEAR/Low E-40 Duralite	0.33	0.30	0.33	0.30	0.27	0.30	0.48	0.54	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES
	SS CLEAR/Low E-23 Duralite	0.33	0.30	0.33	0.30	0.16	0.18	0.28	0.31	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES
	Bronze/LowE 40 Duralite	0.33	0.30	0.33	0.30	0.27	0.30	0.36	0.41	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES
	Obscure/Low E 23 Duralite	0.33	0.30	0.33	0.30	0.16	0.18	0.27	0.30	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES
Gray/Low E 23 Duralite	0.33	0.29	0.33	0.29	0.25	0.28	0.19	0.21	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES	
4325 - Casement	DS Clear/Low-E 40	0.32	0.29	0.33	0.29	0.27	0.30	0.46	0.51	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES	
	Bronze/Low-E 40	0.32	0.29	0.33	0.30	0.26	0.29	0.35	0.38	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES	
	Obscure/LowE- 40	0.32	0.29	0.33	0.29	0.27	0.30	0.46	0.51	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES	
	Gray/Low E- 40	0.30	0.27	0.32	0.28	0.25	0.28	0.32	0.35	YES	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES	
	DS Clear/Low E-23	0.32	0.29	0.32	0.29	0.16	0.17	0.26	0.29	NO	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	
	Bronze/Low E-23	0.32	0.29	0.32	0.29	0.26	0.28	0.20	0.24	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES	
	Obscure/Low E-23	0.32	0.29	0.32	0.29	0.16	0.17	0.26	0.29	NO	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	

Model Number	Glass - Description	U-Factor				Solar Heat Gain Coefficient (SHGC)		Visible Transmittance (VT)		Northern Zone (N) North-Central Zone (NC) South-Central Zone (SC) Southern Zone (S)																
		U-Factor	U-Factor with Argon	U-Factor with Grids	U-Factor with Argon and Grids	SHGC with Grids	SHGC	VT with Grids	VT	Low E only	Low E only	Low E only	Low E only	With Argon	With Argon	With Argon	With Argon	With Grids	With Grids	With Grids	With Grids	With Argon and Grids	With Argon and Grids	With Argon and Grids	With Argon and Grids	
										N	NC	SC	S	N	NC	SC	S	N	NC	SC	S	N	NC	SC	S	
4350 - Awning	DS Clear/Low-E 40	0.32	0.28	0.32	0.29	0.27	0.29	0.46	0.51	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES
	Bronze/Low-E 40	0.32	0.28	0.32	0.29	0.26	0.29	0.35	0.38	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES
	Obscure/LowE- 40	0.32	0.28	0.32	0.29	0.27	0.29	0.46	0.51	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES
	Gray/Low E- 40	0.32	0.28	0.32	0.29	0.25	0.28	0.32	0.35	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES
	DS Clear/Low E-23	0.32	0.28	0.32	0.28	0.16	0.17	0.26	0.29	NO	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES
	Bronze/Low E-23	0.32	0.28	0.32	0.28	0.25	0.28	0.20	0.22	NO	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES
	Obscure/Low E-23	0.32	0.28	0.32	0.28	0.16	0.17	0.29	0.32	NO	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES
7000 - Fixed Picture	DS Clear/Low-E 40	0.32	0.28	0.32	0.28	0.30	0.33	0.52	0.58	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	NO	NO
	Obscure/LowE- 40	0.32	0.28	0.32	0.28	0.30	0.33	0.52	0.58	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	NO	NO
	Bronze/Low-E 40	0.32	0.28	0.32	0.28	0.29	0.32	0.39	0.43	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	NO	NO
	Gray/Low E- 40	0.32	0.28	0.32	0.28	0.28	0.31	0.35	0.40	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	NO	NO
	DS Clear/Low E-23	0.32	0.28	0.32	0.28	0.17	0.19	0.29	0.32	NO	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES
	Bronze/Low E-23	0.32	0.28	0.32	0.28	0.28	0.31	0.22	0.24	NO	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	NO	YES	YES	YES	YES	NO
	Obscure/Low E-23	0.32	0.28	0.32	0.28	0.17	0.19	0.29	0.32	NO	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES
7100 - SH Single Hung	SS Clear/LowE 40	0.33	0.30	0.33	0.30	0.28	0.31	0.50	0.56	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	YES	NO	YES	YES	YES	NO	NO
	Obscure/LowE- 40	0.33	0.30	0.33	0.30	0.29	0.32	0.50	0.56	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	YES	NO	YES	YES	YES	NO	NO
	DS Clear/Low-E 40	0.33	0.30	0.33	0.30	0.29	0.32	0.50	0.56	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	YES	NO	YES	YES	YES	NO	NO
	Bronze/Low-E 40	0.33	0.30	0.33	0.30	0.28	0.31	0.37	0.42	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	YES	NO	YES	YES	YES	NO	NO
	Gray/Low E- 40	0.33	0.30	0.33	0.30	0.27	0.30	0.34	0.38	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES
	SS Clear/Low E-23	0.33	0.30	0.33	0.30	0.17	0.18	0.28	0.31	NO	NO	YES	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES
	DS Clear/Low E-23	0.33	0.30	0.33	0.30	0.16	0.18	0.28	0.31	NO	NO	YES	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES
	Bronze/Low E-23	0.33	0.30	0.33	0.30	0.27	0.30	0.21	0.23	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES
	Obscure/Low E-23	0.33	0.30	0.33	0.30	0.16	0.18	0.28	0.31	NO	NO	YES	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES
Gray/Low E 23	0.33	0.30	0.33	0.30	0.26	0.28	0.19	0.21	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES	
7200 - DH Double Hung	SS Clear/LowE 40	0.34	0.30	0.34	0.30	0.28	0.31	0.49	0.55	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	YES	NO	YES	YES	YES	NO	NO
	Obscure/LowE- 40	0.34	0.30	0.35	0.31	0.26	0.32	0.49	0.55	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	YES	YES	NO	YES	YES	YES	YES
	DS Clear/Low-E 40	0.33	0.30	0.33	0.30	0.28	0.31	0.49	0.55	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	YES	NO	YES	YES	YES	NO	NO
	Bronze/Low-E 40	0.33	0.30	0.33	0.30	0.27	0.30	0.36	0.41	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES
	Gray/Low E- 40	0.33	0.30	0.33	0.30	0.26	0.29	0.34	0.38	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES
	SS Clear/Low E-23	0.33	0.30	0.33	0.30	0.16	0.18	0.28	0.31	NO	NO	YES	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES
	DS Clear/Low E-23	0.33	0.30	0.33	0.30	0.16	0.17	0.27	0.30	NO	NO	YES	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES
	Bronze/Low E-23	0.33	0.30	0.33	0.30	0.26	0.28	0.20	0.23	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES
Obscure/Low E-23	0.33	0.30	0.33	0.30	0.16	0.17	0.27	0.30	NO	NO	YES	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	

Model Number	Glass - Description	U-Factor				Solar Heat Gain Coefficient (SHGC)		Visible Transmittance (VT)		Northern Zone (N) North-Central Zone (NC) South-Central Zone (SC) Southern Zone (S)															
		U-Factor	U-Factor with Argon	U-Factor with Grids	U-Factor with Argon and Grids	SHGC with Grids	SHGC	VT with Grids	VT	Low E only	Low E only	Low E only	Low E only	With Argon	With Argon	With Argon	With Argon	With Grids	With Grids	With Grids	With Grids	With Argon and Grids	With Argon and Grids	With Argon and Grids	With Argon and Grids
										N	NC	SC	S	N	NC	SC	S	N	NC	SC	S	N	NC	SC	S
7300 - HS Horizontal Slider	SS Clear/LowE 40	0.33	0.29	0.33	0.29	0.28	0.31	0.50	0.56	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	YES	NO	YES	YES	YES	NO
	Bronze/Low-E 40	0.33	0.29	0.33	0.29	0.28	0.31	0.37	0.42	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	YES	NO	YES	YES	YES	NO
	Obscure/LowE- 40	0.33	0.29	0.33	0.29	0.29	0.32	0.50	0.56	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	YES	NO	YES	YES	YES	NO
	DS Clear/Low-E 40	0.33	0.29	0.33	0.29	0.29	0.32	0.50	0.56	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	YES	NO	YES	YES	YES	NO
	Gray/Low E- 40	0.33	0.29	0.33	0.29	0.27	0.30	0.34	0.38	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES
	DS Clear/Low E-23	0.33	0.29	0.33	0.29	0.17	0.18	0.28	0.31	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES
	Bronze/Low E-23	0.33	0.29	0.33	0.29	0.27	0.30	0.21	0.23	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES
	Obscure/Low E-23	0.33	0.29	0.33	0.29	0.17	0.18	0.28	0.31	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES
	SS Clear/Low E-23	0.33	0.29	0.33	0.29	0.17	0.18	0.29	0.32	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES
	Gray/Low E 23	0.33	0.29	0.33	0.29	0.26	0.28	0.19	0.21	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES
5352 - Patio Door	Clear/Low E-23 Duralite	0.33	0.30	0.33	0.30	0.16	0.18	0.27	0.31	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES
	Bronze/Low E 23-Duralite	0.34	0.30	0.34	0.30	0.27	0.30	0.20	0.23	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES

	Northern Zone
	North-Central Zone
	South-Central Zone
	Southern Zone

Tax Credit 2011 is zone and county specific.

U-Factor measures how well a product prevents heat from escaping. The rate of heat loss is indicated in terms of the U-Factor (U-Value) of a window assembly. U-Factor ratings generally fall between 0.20 and 1.20. The insulating value is indicated by the R-Value which is the inverse of the U-Value. The lower the U-Value, the greater a window's resistance to heat flow and the better its insulating value.

Solar Heat Gain Coefficient (SHGC) measures how well a product blocks heat caused by sunlight. The SHGC is the fraction of incident solar radiation admitted through a window (both directly transmitted and absorbed) and subsequently released inward. SHGC is expressed as a number between 0 and 1. The lower a window's solar heat gain coefficient, the less solar heat is transmits in the house.

Visible Transmittance (VT) measures how much light comes through a product. The visible transmittance is an optical property that indicates the amount of visible light transmitted. VT is expressed as a number between 0 and 1. The higher the VT, the more light is transmitted.