

		Laminated Insulating Glass EnergyShield Low-E and Argon Filled				Laminated Insulating Glass EnergyShield Max Low-E and Argon Filled			
		With Clear Glass		With Gray Tinted Glass		With Clear Glass		With Gray Tinted Glass	
New WinGuard Vinyl - Argon Filled		No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
Product	Energy Criteria	Performance		Performance		Performance		Performance	
Single Hung	U-Factor	0.30	0.30	0.44	0.44	0.29	0.29	0.44	0.44
	Solar Heat Gain Coefficient (SHGC)	0.30	0.27	0.30	0.27	0.21	0.19	0.26	0.24
	Visible Light Transmittance (VT)	0.54	0.48	0.34	0.30	0.48	0.43	0.28	0.25
	2014 Florida Energy Code (Residential)	None	None	None	None	All of Florida	All of Florida	None	All of Florida
	Energy Star® Climate Zone	3, 4	3, 4	None	None	1, 2, 3, 4	1, 2, 3, 4	None	None
Double Hung	U-Factor	0.32	0.32	0.45	0.45	0.31	0.31	0.45	0.45
	Solar Heat Gain Coefficient (SHGC)	0.29	0.26	0.29	0.26	0.20	0.18	0.25	0.23
	Visible Light Transmittance (VT)	0.51	0.45	0.32	0.29	0.45	0.40	0.26	0.23
	2014 Florida Energy Code (Residential)	None	None	None	None	All of Florida	All of Florida	All of Florida	All of Florida
	Energy Star® Climate Zone	None	None	None	None	1	1	None	None
Horizontal Roller	U-Factor	0.30	0.30	0.44	0.44	0.30	0.30	0.44	0.44
	Solar Heat Gain Coefficient (SHGC)	0.30	0.27	0.30	0.27	0.21	0.19	0.26	0.23
	Visible Light Transmittance (VT)	0.53	0.47	0.33	0.30	0.47	0.41	0.27	0.24
	2014 Florida Energy Code (Residential)	None	None	None	None	All of Florida	All of Florida	None	All of Florida
	Energy Star® Climate Zone	3, 4	3, 4	None	None	1, 2, 3, 4	1, 2, 3, 4	None	None
Casement	U-Factor	0.29	0.29	0.41	0.41	0.29	0.29	0.41	0.41
	Solar Heat Gain Coefficient (SHGC)	0.26	0.23	0.26	0.23	0.18	0.16	0.22	0.20
	Visible Light Transmittance (VT)	0.45	0.40	0.28	0.25	0.40	0.36	0.23	0.21
	2014 Florida Energy Code (Residential)	None	All of Florida	None	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida
	Energy Star® Climate Zone	3, 4	1, 2, 3, 4	None	None	1, 2, 3, 4	1, 2, 3, 4	None	None
Awning	U-Factor	0.29	0.29	0.41	0.41	0.29	0.29	0.41	0.41
	Solar Heat Gain Coefficient (SHGC)	0.26	0.23	0.26	0.23	0.18	0.16	0.22	0.20
	Visible Light Transmittance (VT)	0.45	0.40	0.28	0.25	0.40	0.36	0.23	0.21
	2014 Florida Energy Code (Residential)	None	All of Florida	None	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida
	Energy Star® Climate Zone	3, 4	1, 2, 3, 4	None	None	1, 2, 3, 4	1, 2, 3, 4	None	None
Picture Window/ Architectural (PW/AR 5520)	U-Factor	0.26	0.26	0.42	0.42	0.25	0.25	0.42	0.42
	Solar Heat Gain Coefficient (SHGC)	0.33	0.30	0.33	0.30	0.23	0.21	0.29	0.26
	Visible Light Transmittance (VT)	0.60	0.53	0.38	0.38	0.53	0.47	0.31	0.28
	2014 Florida Energy Code (Residential)	None	None	None	None	All of Florida	All of Florida	None	None
	Energy Star® Climate Zone	3, 4	3, 4	None	None	1, 2, 3, 4	1, 2, 3, 4	None	None
Picture Window/ Architectural (PW/AR 5540)	U-Factor	0.26	0.26	0.40	0.40	0.25	0.25	0.40	0.40
	Solar Heat Gain Coefficient (SHGC)	0.30	0.27	0.30	0.27	0.21	0.19	0.26	0.24
	Visible Light Transmittance (VT)	0.54	0.48	0.34	0.30	0.48	0.42	0.28	0.25
	2014 Florida Energy Code (Residential)	None	None	None	None	All of Florida	All of Florida	None	All of Florida
	Energy Star® Climate Zone	3, 4	3, 4	None	None	1, 2, 3, 4	1, 2, 3, 4	None	1
French Door	U-Factor	0.30	0.30	0.41	0.41	0.30	0.30	0.41	0.41
	Solar Heat Gain Coefficient (SHGC)	0.24	0.21	0.24	0.21	0.17	0.15	0.21	0.18
	Visible Light Transmittance (VT)	0.41	0.35	0.26	0.22	0.36	0.31	0.21	0.18
	2014 Florida Energy Code (Residential)	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida
	Energy Star® Climate Zone	1, 2, 3, 4	1, 2, 3, 4	None	None	1, 2, 3, 4	1, 2, 3, 4	None	None
Sidelites / Transoms	U-Factor	0.28	0.28	0.39	0.39	0.27	0.27	0.39	0.39
	Solar Heat Gain Coefficient (SHGC)	0.24	0.21	0.25	0.22	0.17	0.15	0.22	0.19
	Visible Light Transmittance (VT)	0.41	0.36	0.26	0.23	0.37	0.32	0.21	0.43
	2014 Florida Energy Code (Residential)	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida
	Energy Star® Climate Zone	1, 2, 3, 4	1, 2, 3, 4	1	1	1, 2, 3, 4	1, 2, 3, 4	1	1
Sliding Glass Door *	U-Factor	0.27	0.27	0.40	0.40	0.26	0.26	0.40	0.40
	Solar Heat Gain Coefficient (SHGC)	0.27	0.24	0.25	0.22	0.19	0.17	0.23	0.20
	Visible Light Transmittance (VT)	0.48	0.41	0.25	0.22	0.42	0.37	0.21	0.18
	2014 Florida Energy Code (Residential)	None	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida
	Energy Star® Climate Zone	3, 4	1,2,3,4	None	None	1,2,3,4	1,2,3,4	None	None
Sliding Glass Door	U-Factor	0.31	0.31	0.45	0.45	0.31	0.31	0.45	0.45
	Solar Heat Gain Coefficient (SHGC)	0.27	0.24	0.25	0.22	0.19	0.17	0.23	0.20
	Visible Light Transmittance (VT)	0.48	0.41	0.25	0.22	0.42	0.37	0.21	0.18
	2014 Florida Energy Code (Residential)	None	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida
	Energy Star® Climate Zone	None	None	None	None	None	None	None	None

* With Max Energy Option Upgrade
 • All windows utilize Duraseal® spacer system
 • All doors utilize SuperSpacer® nXt spacer system

See Product Guide for detailed product information.

		Laminated Insulating Glass EnergyShield Low-E and Air Filled				Laminated Insulating Glass EnergyShield Max Low-E and Air Filled			
		With Clear Glass		With Gray Tinted Glass		With Clear Glass		With Gray Tinted Glass	
New WinGuard Vinyl - Air Filled		No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
Product	Energy Criteria	Performance		Performance		Performance		Performance	
Single Hung	U-Factor	0.34	0.34	0.46	0.46	0.33	0.33	0.46	0.46
	Solar Heat Gain Coefficient (SHGC)	0.31	0.28	0.30	0.27	0.22	0.19	0.26	0.24
	Visible Light Transmittance (VT)	0.54	0.48	0.34	0.30	0.48	0.43	0.28	0.25
	2014 Florida Energy Code (Residential)	None	None	None	None	All of Florida	All of Florida	None	All of Florida
	Energy Star® Climate Zone	None	None	None	None	1	1	None	None
Double Hung	U-Factor	0.35	0.35	0.47	0.47	0.35	0.35	0.47	0.47
	Solar Heat Gain Coefficient (SHGC)	0.29	0.26	0.29	0.26	0.20	0.18	0.25	0.23
	Visible Light Transmittance (VT)	0.51	0.45	0.32	0.29	0.45	0.40	0.26	0.23
	2014 Florida Energy Code (Residential)	None	None	None	None	All of Florida	All of Florida	All of Florida	All of Florida
	Energy Star® Climate Zone	None	None	None	None	1	1	None	None
Horizontal Roller	U-Factor	0.34	0.34	0.46	0.46	0.33	0.33	0.46	0.46
	Solar Heat Gain Coefficient (SHGC)	0.30	0.27	0.30	0.27	0.21	0.19	0.26	0.23
	Visible Light Transmittance (VT)	0.53	0.47	0.33	0.30	0.47	0.41	0.27	0.24
	2014 Florida Energy Code (Residential)	None	None	None	None	All of Florida	All of Florida	None	All of Florida
	Energy Star® Climate Zone	None	None	None	None	1	1	None	None
Casement	U-Factor	0.32	0.32	0.42	0.42	0.32	0.32	0.42	0.42
	Solar Heat Gain Coefficient (SHGC)	0.26	0.24	0.26	0.23	0.18	0.17	0.22	0.20
	Visible Light Transmittance (VT)	0.45	0.40	0.28	0.25	0.40	0.36	0.23	0.21
	2014 Florida Energy Code (Residential)	None	All of Florida	None	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida
	Energy Star® Climate Zone	None	1	None	None	1	1	None	None
Awning	U-Factor	0.32	0.32	0.43	0.43	0.32	0.32	0.43	0.43
	Solar Heat Gain Coefficient (SHGC)	0.26	0.24	0.26	0.23	0.18	0.17	0.22	0.20
	Visible Light Transmittance (VT)	0.45	0.40	0.28	0.25	0.40	0.36	0.23	0.21
	2014 Florida Energy Code (Residential)	None	All of Florida	None	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida
	Energy Star® Climate Zone	None	1	None	None	1	1	None	None
Picture Window/ Architectural (PW/AR 5520)	U-Factor	0.30	0.30	0.44	0.44	0.29	0.29	0.44	0.44
	Solar Heat Gain Coefficient (SHGC)	0.34	0.30	0.33	0.30	0.23	0.21	0.29	0.26
	Visible Light Transmittance (VT)	0.60	0.53	0.38	0.34	0.53	0.47	0.31	0.28
	2014 Florida Energy Code (Residential)	None	None	None	None	All of Florida	All of Florida	None	None
	Energy Star® Climate Zone	3, 4	3, 4	None	None	1, 2, 3, 4	1, 2, 3, 4	None	None
Picture Window/ Architectural (PW/AR 5540)	U-Factor	0.30	0.30	0.42	0.42	0.29	0.29	0.42	0.42
	Solar Heat Gain Coefficient (SHGC)	0.31	0.28	0.30	0.27	0.21	0.19	0.26	0.24
	Visible Light Transmittance (VT)	0.54	0.48	0.34	0.30	0.48	0.42	0.28	0.25
	2014 Florida Energy Code (Residential)	None	None	None	None	All of Florida	All of Florida	None	All of Florida
	Energy Star® Climate Zone	3, 4	3, 4	None	None	1, 2, 3, 4	1, 2, 3, 4	None	None
French Door	U-Factor	0.33	0.33	0.42	0.42	0.33	0.33	0.42	0.42
	Solar Heat Gain Coefficient (SHGC)	0.24	0.21	0.24	0.21	0.17	0.15	0.21	0.18
	Visible Light Transmittance (VT)	0.41	0.35	0.26	0.22	0.36	0.31	0.21	0.18
	2014 Florida Energy Code (Residential)	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida
	Energy Star® Climate Zone	None	None	None	None	None	None	None	None
Sidelites / Transoms	U-Factor	0.30	0.30	0.40	0.40	0.30	0.30	0.40	0.40
	Solar Heat Gain Coefficient (SHGC)	0.24	0.21	0.24	0.22	0.17	0.15	0.22	0.19
	Visible Light Transmittance (VT)	0.41	0.36	0.26	0.23	0.37	0.32	0.21	0.19
	2014 Florida Energy Code (Residential)	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida
	Energy Star® Climate Zone	1, 2, 3, 4	1, 2, 3, 4	1	1	1, 2, 3, 4	1, 2, 3, 4	1	1
Sliding Glass Door*	U-Factor	0.30	0.30	0.42	0.42	0.30	0.30	0.42	0.42
	Solar Heat Gain Coefficient (SHGC)	0.27	0.24	0.25	0.22	0.20	0.17	0.23	0.20
	Visible Light Transmittance (VT)	0.48	0.41	0.25	0.22	0.42	0.37	0.21	0.18
	2014 Florida Energy Code (Residential)	None	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida
	Energy Star® Climate Zone	3, 4	1, 2, 3, 4	None	None	1, 2, 3, 4	1, 2, 3, 4	None	None
Sliding Glass Door	U-Factor	0.35	0.35	0.46	0.46	0.34	0.34	0.46	0.46
	Solar Heat Gain Coefficient (SHGC)	0.27	0.24	0.25	0.22	0.20	0.17	0.23	0.20
	Visible Light Transmittance (VT)	0.48	0.41	0.25	0.22	0.42	0.37	0.21	0.18
	2014 Florida Energy Code (Residential)	None	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida	All of Florida
	Energy Star® Climate Zone	None	None	None	None	None	None	None	None

* With Max Energy Option Upgrade
 • All windows utilize Duraseal® spacer system
 • All doors utilize SuperSpacer® nXt spacer system

See Product Guide for detailed product information.