



VINYL NON-IMPACT WINDOWS and DOORS

ENERGYVUE ENERGY PERFORMANCE GUIDE

ENERGYVUE - ARGON FILLED		Insulated Double Strength Glass EnergyShield Low-E and Argon Filled				Insulated Double Strength Glass EnergyShield Max Low-E and Argon Filled			
		WITH CLEAR GLASS		WITH GRAY TINTED GLASS		WITH CLEAR GLASS		WITH GRAY TINTED GLASS	
		NO GRIDS	GRIDS	NO GRIDS	GRIDS	NO GRIDS	GRIDS	NO GRIDS	GRIDS
Product	Energy Criteria	Performance		Performance		Performance		Performance	
Single Hung (SH5400)	U-Factor	0.30	0.30	0.30	0.30	0.29	0.29	0.29	0.29
	Solar Heat Gain Coefficient (SHGC)	0.29	0.27	0.27	0.25	0.20	0.18	0.22	0.20
	Visible Light Transmittance (VT)	0.53	0.47	0.36	0.32	0.46	0.41	0.31	0.28
	Center of Glass Visible Transmittance (COG VT)	0.70	0.70	0.47	0.47	0.61	0.61	0.41	0.41
	2023 Florida Energy Code (Residential Prescriptive)	NONE	NONE	NONE	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	1	1	1	1
Double Hung (DH5460)	U-Factor	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
	Solar Heat Gain Coefficient (SHGC)	0.28	0.25	0.26	0.23	0.19	0.17	0.20	0.18
	Visible Light Transmittance (VT)	0.50	0.45	0.35	0.30	0.44	0.39	0.29	0.26
	Center of Glass Visible Transmittance (COG VT)	0.70	0.70	0.49	0.47	0.61	0.61	0.41	0.41
	2023 Florida Energy Code (Residential Prescriptive)	NONE	NONE	NONE	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	1	1	1	1	1
Horizontal Roller (HR5410)	U-Factor	0.30	0.30	0.30	0.30	0.29	0.29	0.29	0.29
	Solar Heat Gain Coefficient (SHGC)	0.29	0.26	0.27	0.24	0.19	0.18	0.21	0.19
	Visible Light Transmittance (VT)	0.52	0.46	0.35	0.31	0.45	0.40	0.30	0.27
	Center of Glass Visible Transmittance (COG VT)	0.70	0.70	0.47	0.47	0.61	0.61	0.41	0.41
	2023 Florida Energy Code (Residential Prescriptive)	NONE	NONE	NONE	NONE	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	1	1	1	1
Casement (CA5440)	U-Factor	0.29	0.29	0.29	0.29	0.28	0.28	0.28	0.28
	Solar Heat Gain Coefficient (SHGC)	0.25	0.23	0.23	0.21	0.17	0.15	0.18	0.17
	Visible Light Transmittance (VT)	0.44	0.40	0.29	0.27	0.38	0.34	0.26	0.23
	Center of Glass Visible Transmittance (COG VT)	0.70	0.70	0.47	0.47	0.61	0.61	0.41	0.41
	2023 Florida Energy Code (Residential Prescriptive)	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	1	1	1	1, 2	1, 2	1, 2	1, 2
Awning (AW5440)	U-Factor	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
	Solar Heat Gain Coefficient (SHGC)	0.25	0.23	0.23	0.21	0.17	0.15	0.18	0.17
	Visible Light Transmittance (VT)	0.44	0.40	0.29	0.27	0.38	0.34	0.26	0.23
	Center of Glass Visible Transmittance (COG VT)	0.70	0.70	0.47	0.47	0.61	0.61	0.41	0.41
	2023 Florida Energy Code (Residential Prescriptive)	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	1	1	1	1	1	1	1
Picture Window/ Architectural (PW/AR5420)	U-Factor	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
	Solar Heat Gain Coefficient (SHGC)	0.32	0.29	0.30	0.27	0.22	0.20	0.23	0.21
	Visible Light Transmittance (VT)	0.59	0.52	0.39	0.35	0.51	0.46	0.34	0.31
	Center of Glass Visible Transmittance (COG VT)	0.70	0.70	0.47	0.47	0.61	0.61	0.41	0.41
	2023 Florida Energy Code (Residential Prescriptive)	NONE	NONE	NONE	NONE	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	1, 2	1, 2	1, 2	1, 2
Picture Window/ Architectural (PW/AR5440)	U-Factor	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
	Solar Heat Gain Coefficient (SHGC)	0.29	0.26	0.27	0.25	0.20	0.18	0.21	0.19
	Visible Light Transmittance (VT)	0.53	0.47	0.35	0.32	0.46	0.41	0.31	0.27
	Center of Glass Visible Transmittance (COG VT)	0.70	0.70	0.47	0.47	0.61	0.61	0.41	0.41
	2023 Florida Energy Code (Residential Prescriptive)	NONE	NONE	NONE	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	1, 2	1, 2	1, 2	1, 2
French Door (FD5455)	U-Factor	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
	Solar Heat Gain Coefficient (SHGC)	0.24	0.21	0.22	0.19	0.16	0.14	0.17	0.15
	Visible Light Transmittance (VT)	0.42	0.36	0.28	0.24	0.36	0.31	0.24	0.21
	Center of Glass Visible Transmittance (COG VT)	0.72	0.72	0.49	0.49	0.63	0.63	0.42	0.42
	2023 Florida Energy Code (Residential Prescriptive)	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Sidelites/ Transoms+ (FD5455)	U-Factor	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
	Solar Heat Gain Coefficient (SHGC)	0.24	0.22	0.22	0.20	0.16	0.15	0.17	0.15
	Visible Light Transmittance (VT)	0.43	0.38	0.29	0.25	0.37	0.33	0.25	0.22
	Center of Glass Visible Transmittance (COG VT)	0.72	0.72	0.49	0.49	0.63	0.63	0.42	0.42
	2023 Florida Energy Code (Residential Prescriptive)	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Sliding Glass Door* (SGD5470)	U-Factor	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
	Solar Heat Gain Coefficient (SHGC)	0.27	0.24	0.22	0.19	0.19	0.17	0.17	0.15
	Visible Light Transmittance (VT)	0.49	0.42	0.28	0.24	0.45	0.39	0.25	0.22
	Center of Glass Visible Transmittance (COG VT)	0.71	0.71	0.40	0.40	0.65	0.65	0.37	0.37
	2023 Florida Energy Code (Residential Prescriptive)	NONE	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Sliding Glass Door (SGD5470)	U-Factor	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
	Solar Heat Gain Coefficient (SHGC)	0.27	0.24	0.22	0.19	0.19	0.17	0.17	0.15
	Visible Light Transmittance (VT)	0.49	0.42	0.28	0.24	0.45	0.39	0.25	0.22
	Center of Glass Visible Transmittance (COG VT)	0.71	0.71	0.40	0.40	0.65	0.65	0.37	0.37
	2023 Florida Energy Code (Residential Prescriptive)	NONE	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Sliding Glass Door (SGD5470NS)	U-Factor	0.35	0.35	0.35	0.35	0.34	0.34	0.34	0.34
	Solar Heat Gain Coefficient (SHGC)	0.30	0.27	0.24	0.22	0.21	0.19	0.19	0.17
	Visible Light Transmittance (VT)	0.55	0.48	0.31	0.27	0.50	0.44	0.28	0.25
	Center of Glass Visible Transmittance (COG VT)	0.71	0.71	0.40	0.40	0.65	0.65	0.37	0.37
	2023 Florida Energy Code (Residential Prescriptive)	NONE	NONE	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE

Energy Performance shown above is for the best thermally performing glass option per product line. Other glass options may vary.

ENERGY STAR v7.0 Climate Zones: 1 = Southern, 2 = South-Central, 3 = North-Central, 4 = Northern

See Technical Guide for detailed product information.

+Full Frame shown, other Sidelite Frames vary *Max Energy Composite Reinforcement



VINYL NON-IMPACT WINDOWS and DOORS

ENERGYVUE ENERGY PERFORMANCE GUIDE

ENERGYVUE - AIR FILLED		Insulated Double Strength Glass EnergyShield Low-E and Air Filled				Insulated Double Strength Glass EnergyShield Max Low-E and Air Filled			
		WITH CLEAR GLASS		WITH GRAY TINTED GLASS		WITH CLEAR GLASS		WITH GRAY TINTED GLASS	
		NO GRIDS	GRIDS	NO GRIDS	GRIDS	NO GRIDS	GRIDS	NO GRIDS	GRIDS
Product	Energy Criteria	Performance		Performance		Performance		Performance	
Single Hung (SH5400)	U-Factor	0.33	0.33	0.33	0.33	0.32	0.32	0.32	0.32
	Solar Heat Gain Coefficient (SHGC)	0.31	0.28	0.28	0.25	0.21	0.19	0.22	0.20
	Visible Light Transmittance (VT)	0.55	0.49	0.37	0.33	0.48	0.43	0.32	0.29
	Center of Glass Visible Transmittance (COG VT)	0.72	0.72	0.49	0.49	0.63	0.63	0.42	0.42
	2023 Florida Energy Code (Residential Prescriptive)	NONE	NONE	NONE	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	1	1	1	1
Double Hung (DH5460)	U-Factor	0.35	0.35	0.35	0.35	0.34	0.34	0.34	0.34
	Solar Heat Gain Coefficient (SHGC)	0.29	0.26	0.27	0.24	0.20	0.18	0.21	0.19
	Visible Light Transmittance (VT)	0.52	0.46	0.35	0.31	0.45	0.40	0.30	0.27
	Center of Glass Visible Transmittance (COG VT)	0.72	0.72	0.49	0.49	0.63	0.63	0.42	0.42
	2023 Florida Energy Code (Residential Prescriptive)	NONE	NONE	NONE	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Horizontal Roller (HR5410)	U-Factor	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
	Solar Heat Gain Coefficient (SHGC)	0.30	0.27	0.27	0.25	0.21	0.19	0.21	0.19
	Visible Light Transmittance (VT)	0.54	0.48	0.36	0.32	0.47	0.41	0.31	0.28
	Center of Glass Visible Transmittance (COG VT)	0.72	0.72	0.49	0.49	0.63	0.63	0.42	0.42
	2023 Florida Energy Code (Residential Prescriptive)	NONE	NONE	NONE	NONE	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Casement (CA5440)	U-Factor	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
	Solar Heat Gain Coefficient (SHGC)	0.26	0.24	0.24	0.22	0.18	0.16	0.19	0.17
	Visible Light Transmittance (VT)	0.46	0.41	0.31	0.28	0.40	0.36	0.27	0.24
	Center of Glass Visible Transmittance (COG VT)	0.72	0.72	0.49	0.49	0.63	0.63	0.42	0.42
	2023 Florida Energy Code (Residential Prescriptive)	NONE	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	1	1	1	1	1
Awning (AW5440)	U-Factor	0.32	0.32	0.32	0.32	0.31	0.31	0.31	0.31
	Solar Heat Gain Coefficient (SHGC)	0.26	0.24	0.24	0.22	0.18	0.16	0.19	0.17
	Visible Light Transmittance (VT)	0.46	0.41	0.31	0.28	0.40	0.36	0.27	0.24
	Center of Glass Visible Transmittance (COG VT)	0.72	0.72	0.49	0.49	0.63	0.63	0.42	0.42
	2023 Florida Energy Code (Residential Prescriptive)	NONE	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	1	1	1	1	1
Picture Window/ Architectural (PW/AR5420)	U-Factor	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
	Solar Heat Gain Coefficient (SHGC)	0.34	0.31	0.30	0.27	0.23	0.21	0.24	0.21
	Visible Light Transmittance (VT)	0.61	0.54	0.41	0.36	0.53	0.47	0.35	0.32
	Center of Glass Visible Transmittance (COG VT)	0.72	0.72	0.49	0.49	0.63	0.63	0.42	0.42
	2023 Florida Energy Code (Residential Prescriptive)	NONE	NONE	NONE	NONE	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	1	1	NONE	1
Picture Window/ Architectural (PW/AR5440)	U-Factor	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
	Solar Heat Gain Coefficient (SHGC)	0.31	0.28	0.28	0.25	0.21	0.19	0.22	0.20
	Visible Light Transmittance (VT)	0.55	0.49	0.37	0.33	0.48	0.42	0.32	0.28
	Center of Glass Visible Transmittance (COG VT)	0.72	0.72	0.49	0.49	0.63	0.63	0.42	0.42
	2023 Florida Energy Code (Residential Prescriptive)	NONE	NONE	NONE	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	1	1	1	1
French Door (FD5455)	U-Factor	0.34	0.34	0.34	0.34	0.33	0.33	0.33	0.33
	Solar Heat Gain Coefficient (SHGC)	0.24	0.21	0.22	0.19	0.16	0.14	0.17	0.15
	Visible Light Transmittance (VT)	0.42	0.36	0.28	0.24	0.36	0.31	0.24	0.21
	Center of Glass Visible Transmittance (COG VT)	0.72	0.72	0.49	0.49	0.63	0.63	0.42	0.42
	2023 Florida Energy Code (Residential Prescriptive)	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Sidelites/ Transoms+ (FD5455)	U-Factor	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
	Solar Heat Gain Coefficient (SHGC)	0.24	0.22	0.22	0.20	0.17	0.15	0.17	0.16
	Visible Light Transmittance (VT)	0.43	0.38	0.29	0.25	0.37	0.33	0.25	0.22
	Center of Glass Visible Transmittance (COG VT)	0.72	0.72	0.49	0.49	0.63	0.63	0.42	0.42
	2023 Florida Energy Code (Residential Prescriptive)	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Sliding Glass Door* (SGD5470)	U-Factor	0.33	0.33	0.33	0.33	0.32	0.32	0.32	0.32
	Solar Heat Gain Coefficient (SHGC)	0.28	0.24	0.22	0.20	0.19	0.17	0.17	0.15
	Visible Light Transmittance (VT)	0.49	0.42	0.28	0.24	0.45	0.39	0.25	0.22
	Center of Glass Visible Transmittance (COG VT)	0.71	0.71	0.40	0.40	0.65	0.65	0.37	0.37
	2023 Florida Energy Code (Residential Prescriptive)	NONE	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Sliding Glass Door (SGD5470)	U-Factor	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
	Solar Heat Gain Coefficient (SHGC)	0.28	0.24	0.22	0.20	0.19	0.17	0.17	0.15
	Visible Light Transmittance (VT)	0.49	0.42	0.28	0.24	0.45	0.39	0.25	0.22
	Center of Glass Visible Transmittance (COG VT)	0.71	0.71	0.40	0.40	0.65	0.65	0.37	0.37
	2023 Florida Energy Code (Residential Prescriptive)	NONE	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Sliding Glass Door (SGD5470NS)	U-Factor	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
	Solar Heat Gain Coefficient (SHGC)	0.31	0.27	0.25	0.22	0.21	0.19	0.19	0.17
	Visible Light Transmittance (VT)	0.55	0.48	0.31	0.27	0.50	0.44	0.28	0.25
	Center of Glass Visible Transmittance (COG VT)	0.71	0.71	0.40	0.40	0.65	0.65	0.37	0.37
	2023 Florida Energy Code (Residential Prescriptive)	NONE	NONE	All Florida	All Florida	All Florida	All Florida	All Florida	All Florida
	ENERGY STAR® v7.0 Climate Zone	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE

Energy Performance shown above is for the best thermally performing glass option per product line. Other glass options may vary.

ENERGY STAR v7.0 Climate Zones: 1 = Southern, 2 = South-Central, 3 = North-Central, 4 = Northern

See Technical Guide for detailed product information.

+Full Frame shown, other Sidelite Frames vary *Max Energy Composite Reinforcement