

ENERGY RATINGS

Teak Woodgrain Doors & Sidelites

(Lighthouse/Modern Collection)



MODERN FIBERGLASS: DOORS and SIDELITES

LIGHTHOUSE/METRO

Does Not Meet Energy Star- All Zones

DOORS, TGI-M-9

NOTE: CPD # would equal the TGI-M-X + Number below the U-Factor-SHGC, Example: TGI-M-9-00031-00001

Product Description	SWING	Frame (Jamb)	GLAZING	1/4-LITE			1/2-LITE					
				Metro (Modern)			Lighthouse Rectangle			Cottage Arch		
				U-factor	SHGC	VT	U-factor	SHGC	VT	U-factor	SHGC	VT
Clear/Air/Clear/Air/Clear (3mm/5mm/3mm) 1"	IS/OS	Wood	Triple Pane: Decorative Glass	0.23	0.12	0.11	0.24	0.11	0.11	0.25	0.12	0.12
				00031-00001			00041-00001			00051-00001		
Clear/Air/Clear/Air/Clear (3mm/6mm/3mm) 1"	IS/OS	Wood	Triple Pane: Obscure (5mm) Glass	0.23	0.11	0.11	0.25	0.11	0.11	0.25	0.11	0.11
				00032-00001			00042-00001			00052-00001		
Clear/Air/Clear/Air/Clear (3mm/6mm/3mm) 1" w/grid	IS/OS	Wood	Triple Pane: Obscure (5mm) Glass with Grid				0.25	0.09	0.08			
							00042-00002					
E270/Air/Clear (3mm/3mm) 1"	IS/OS	Wood	Dual Pane - Low E270	0.22	0.07	0.11	0.23	0.07	0.10	0.24	0.07	0.11
				00039-00001			00049-00001			00059-00001		
E270/Air/Clear (3mm/3mm) 1" w/grid	IS/OS	Wood	Dual Pane - Low E270 with Grid				0.23	0.05	0.08			
							00049-00002					
Clear/Air/Clear (3mm/3mm) 1"	IS/OS	Wood	Dual Pane - Clear	0.25	0.13	0.13	0.27	0.13	0.12	0.27	0.13	0.13
				00040-00001			00050-00001			00060-00001		
Clear/Air/Clear (3mm/3mm) 1" w/grid	IS/OS	Wood	Dual Pane - Clear with Grid				0.27	0.10	0.09			
							00050-00002					
Clear/Air/Clear/Air/Clear (3mm/5mm/3mm) 1"	IS/OS	PVC	Triple Pane: Decorative Glass	0.23	0.12	0.11	0.25	0.11	0.11	0.25	0.12	0.12
				00001-00001			00011-00001			00021-00001		
Clear/Air/Clear/Air/Clear (3mm/6mm/3mm) 1"	IS/OS	PVC	Triple Pane: Obscure (5mm) Glass	0.23	0.11	0.11	0.25	0.11	0.11	0.25	0.11	0.11
				00002-00001			00012-00001			00022-00001		
Clear/Air/Clear/Air/Clear (3mm/6mm/3mm) 1" w/grid	IS/OS	PVC	Triple Pane: Obscure (5mm) Glass with Grid				0.25	0.09	0.08			
							00012-00002					
E270/Air/Clear (3mm/3mm) 1"	IS/OS	PVC	Dual Pane - Low E270	0.22	0.07	0.11	0.23	0.07	0.10	0.24	0.07	0.11
				00009-00001			00019-00001			00029-00001		
E270/Air/Clear (3mm/3mm) 1" w/grid	IS/OS	PVC	Dual Pane - Low E270 with Grid				0.23	0.05	0.08			
							00019-00002					
Clear/Air/Clear (3mm/3mm) 1"	IS/OS	PVC	Dual Pane - Clear	0.25	0.13	0.13	0.27	0.13	0.12	0.27	0.13	0.13
				00010-00001			00020-00001			00030-00001		
Clear/Air/Clear (3mm/3mm) 1" w/grid	IS/OS	PVC	Dual Pane - Clear with Grid				0.27	0.10	0.09			
							00020-00002					

SIDELITES, TGI-M-10

Product Description	SWING	Frame (Jamb)	GLAZING	FULL LITE		
				U-factor	SHGC	VT
Clear/Air/Clear/Air/Clear (3mm/5mm/3mm) 1"	IS/OS	Wood	Triple Pane: Decorative Glass	0.29	0.17	0.18
				00011-00001		
Clear/Air/Clear/Air/Clear (3mm/6mm/3mm) 1"	IS/OS	Wood	Triple Pane: Obscure (5mm) Glass	0.29	0.17	0.17
				00012-00001		
Clear/Air/Clear/Air/Clear (3mm/6mm/3mm) 1" w/grid	IS/OS	Wood	Triple Pane: Obscure (5mm) Glass with Grid			
				0.27	0.10	0.16
E270/Air/Clear (3mm/3mm) 1"	IS/OS	Wood	Dual Pane - Low E270	00019-00001		
E270/Air/Clear (3mm/3mm) 1" w/grid	IS/OS	Wood	Dual Pane - Low E270 with Grid			
				0.31	0.19	0.19
Clear/Air/Clear (3mm/3mm) 1"	IS/OS	Wood	Dual Pane - Clear	00020-00001		
Clear/Air/Clear/Air/Clear (3mm/5mm/3mm) 1"	IS/OS	PVC	Triple Pane: Decorative Glass	0.29	0.17	0.18
				00001-00001		
Clear/Air/Clear/Air/Clear (3mm/6mm/3mm) 1"	IS/OS	PVC	Triple Pane: Obscure (5mm) Glass	0.29	0.17	0.17
				00002-00001		
Clear/Air/Clear/Air/Clear (3mm/6mm/3mm) 1" w/grid	IS/OS	PVC	Triple Pane: Obscure (5mm) Glass with Grid			
				0.27	0.10	0.16
E270/Air/Clear (3mm/3mm) 1"	IS/OS	PVC	Dual Pane - Low E270	00009-00001		
E270/Air/Clear (3mm/3mm) 1" w/grid	IS/OS	PVC	Dual Pane - Low E270 with Grid			
				0.31	0.19	0.19
Clear/Air/Clear (3mm/3mm) 1"	IS/OS	PVC	Dual Pane - Clear	00010-00001		

Updated 12-21-2017

Door	Glass Size	Door or Glass size
1/4 lite	≤410	3-Lite Small, 3-Lite Large
1/2 lite	≤900	1-Lite, 2-Lite, 4-Lite
3/4 lite	≤1100	
Full lite	>1100	
Opaque		

Sidelite	Glass Size	Sidelite or Glass size
1/4 lite	≤65	
1/2 lite	≤281	
3/4 lite	≤391	
Full lite	>391	Full Lite (14", 12")
Opaque		

ENERGY RATINGS

Mahogany Woodgrain Doors & Sidelites

Smooth Craftsman Doors



MAHOGANY WOODGRAIN FIBERGLASS: DOORS and SIDELIGHTS

SMOOTH CRAFTSMAN FIBERGLASS: DOORS and SIDELIGHTS

Does Not Meet Energy Star- All Zones

DOORS, TGI-M-7 NOTE: CPD # would equal the TGI-M-X + Number below the U-Factor-SHGC. Example: TGI-M-7-00717-00001

Product Description	SWING	Frame (Jamb)	GLAZING	Craftsman (1")			Center-Arch			Oval			3/4 Rectangle		
				U-factor	SHGC	VT	U-factor	SHGC	VT	U-factor	SHGC	VT	U-factor	SHGC	VT
3/AS/NA/AIR/0.313	IS/OS	Wood	Triple Pane: Decorative Glass	0.20	0.08	0.07	0.20	0.08	0.06	0.23	0.13	0.13	0.25	0.18	0.18
2/AS/NA/AIR/0.750	IS/OS	Wood	Dual Pane - Wrought Iron	0.21	0.09	0.08	0.21	0.09	0.07	0.25	0.15	0.15	0.29	0.20	0.20
3/AS/NA/AIR/0.281	IS/OS	Wood	Triple Pane - Grooved/Obscure	0.20	0.08	0.07	0.20	0.08	0.06	0.23	0.13	0.13	0.25	0.18	0.18
2/AS/NA/AIR/0.688	IS/OS	Wood	Dual Pane - Grooved/Obscure	0.21	0.09	0.09	0.21	0.09	0.08	0.25	0.17	0.17	0.28	0.23	0.23
3/AS/NA/AIR/0.250	IS/OS	Wood	Triple Pane: Laminated Impact Glass	0.20	0.08	0.07	0.20	0.08	0.06	0.23	0.13	0.13	0.25	0.17	0.18
2/AS/NA/AIR/0.563	IS/OS	Wood	Dual Pane: Laminated Impact Glass	0.21	0.09	0.09	0.21	0.08	0.08	0.25	0.16	0.17	0.28	0.21	0.23
2/CS/0.037(2)/ARG/0.750	IS/OS	Wood	Craftsman (1") - Low E270	0.20	0.05	0.08	0.20	0.05	0.07	0.23	0.09	0.15	0.25	0.11	0.20
2/CS/NA/AIR/0.750	IS/OS	Wood	Dual Pane - Craftsman (1")	0.22	0.10	0.09	0.22	0.09	0.08	0.26	0.17	0.17	0.29	0.23	0.23
2/CS/NA/AIR/0.266	IS/OS	Wood	Craftsman (Cardinal 1/2")	0.22	0.10	0.09	0.22	0.09	0.08	0.27	0.17	0.17			
	IS/OS	Wood	Flush/Embossed	0.15	0.01	-									
3/AS/NA/AIR/0.313	IS/OS	PVC	Triple Pane: Decorative Glass	0.20	0.08	0.07	0.20	0.08	0.06	0.23	0.13	0.13	0.25	0.18	0.18
2/AS/NA/AIR/0.750	IS/OS	PVC	Dual Pane - Wrought Iron	0.22	0.09	0.08	0.22	0.09	0.07	0.26	0.15	0.15	0.29	0.20	0.20
3/AS/NA/AIR/0.281	IS/OS	PVC	Triple Pane - Grooved/Obscure	0.20	0.08	0.07	0.20	0.08	0.06	0.23	0.13	0.13	0.25	0.18	0.18
2/AS/NA/AIR/0.688	IS/OS	PVC	Dual Pane - Grooved/Obscure	0.21	0.09	0.09	0.21	0.09	0.08	0.26	0.17	0.17	0.29	0.23	0.23
3/AS/NA/AIR/0.250	IS/OS	PVC	Triple Pane: Laminated Impact Glass	0.20	0.08	0.07	0.20	0.08	0.06	0.23	0.13	0.13	0.25	0.17	0.18
2/AS/NA/AIR/0.563	IS/OS	PVC	Dual Pane: Laminated Impact Glass	0.21	0.09	0.09	0.21	0.08	0.08	0.25	0.16	0.17	0.28	0.21	0.23
2/CS/0.037(2)/ARG/0.750	IS/OS	PVC	Craftsman (1") - Low E270	0.20	0.05	0.08	0.20	0.05	0.07	0.23	0.09	0.15	0.25	0.11	0.20
2/CS/NA/AIR/0.750	IS/OS	PVC	Dual Pane - Craftsman (1")	0.22	0.10	0.09	0.22	0.09	0.08	0.26	0.17	0.17	0.29	0.23	0.23
2/CS/NA/AIR/0.266	IS/OS	PVC	Craftsman (Cardinal 1/2")	0.22	0.10	0.09	0.22	0.09	0.08	0.27	0.17	0.17			
	IS/OS	PVC	Flush/Embossed	0.15	0.01	-									

SIDELITES, TGI-M-8

Product Description	SWING	Frame (Jamb)	GLAZING	1/4-LITE			1/2-LITE			3/4-LITE			FULL LITE		
				U-factor	SHGC	VT	U-factor	SHGC	VT	U-factor	SHGC	VT	U-factor	SHGC	VT
3/AS/NA/AIR/0.313	IS/OS	Wood	Triple Pane: Decorative Glass	0.18	0.05	0.04	0.18	0.05	0.04	0.22	0.10	0.09	0.24	0.13	0.12
3/AS/NA/AIR/0.250	IS/OS	Wood	Triple Pane: Laminated Impact Glass	0.18	0.04	0.04	0.18	0.04	0.04	0.22	0.09	0.09	0.24	0.12	0.12
2/AS/NA/AIR/0.563	IS/OS	Wood	Dual Pane: Laminated Impact Glass	0.18	0.05	0.04	0.18	0.05	0.04	0.23	0.10	0.10	0.25	0.14	0.14
3/AS/NA/AIR/0.281	IS/OS	Wood	Triple Pane - Grooved/Obscure	0.18	0.05	0.04	0.18	0.05	0.04	0.22	0.09	0.09	0.24	0.12	0.12
2/AS/NA/AIR/0.750	IS/OS	Wood	Dual Pane - Wrought Iron	0.19	0.05	0.04	0.19	0.05	0.04	0.23	0.11	0.10	0.26	0.14	0.13
2/AS/NA/AIR/0.688	IS/OS	Wood	Dual Pane - Grooved/Obscure	0.19	0.05	0.04	0.19	0.05	0.04	0.23	0.11	0.10	0.26	0.14	0.14
2/CS/0.037(2)/AIR/0.750	IS/OS	Wood	Dual Pane - Low E270	0.18	0.03	0.04	0.18	0.03	0.04	0.22	0.06	0.09	0.25	0.07	0.12
2/CS/NA/AIR/0.266	IS/OS	Wood	Dual Pane (Cardinal 1/2")	0.19	0.05	0.04	0.19	0.05	0.04	0.25	0.11	0.10	0.28	0.14	0.14
2/CU/0.037(2)/AIR/0.750	IS/OS	Wood	Dual Pane - Mini blind UP (Low E270)	0.19	0.05	0.04				0.24	0.07	0.11	0.27	0.09	0.14
3/AS/NA/AIR/0.313	IS/OS	PVC	Triple Pane: Decorative Glass	0.20	0.05	0.04	0.20	0.05	0.04	0.24	0.10	0.09	0.26	0.13	0.12
3/AS/NA/AIR/0.250	IS/OS	PVC	Triple Pane: Laminated Impact Glass	0.20	0.04	0.04	0.20	0.04	0.04	0.24	0.09	0.09	0.26	0.12	0.12
2/AS/NA/AIR/0.563	IS/OS	PVC	Dual Pane: Laminated Impact Glass	0.20	0.05	0.04	0.20	0.05	0.04	0.25	0.10	0.10	0.27	0.14	0.14
3/AS/NA/AIR/0.281	IS/OS	PVC	Triple Pane - Grooved/Obscure	0.20	0.05	0.04	0.20	0.05	0.04	0.24	0.09	0.09	0.26	0.12	0.12
2/AS/NA/AIR/0.750	IS/OS	PVC	Dual Pane - Wrought Iron	0.21	0.05	0.04	0.21	0.05	0.04	0.25	0.11	0.10	0.28	0.14	0.13
2/AS/NA/AIR/0.688	IS/OS	PVC	Dual Pane - Grooved/Obscure	0.21	0.05	0.04	0.21	0.05	0.04	0.25	0.11	0.10	0.28	0.14	0.14
2/CS/0.037(2)/AIR/0.750	IS/OS	PVC	Dual Pane - Low E270	0.20	0.03	0.04	0.20	0.03	0.04	0.24	0.06	0.09	0.27	0.07	0.12
2/CS/NA/AIR/0.266	IS/OS	PVC	Dual Pane (Cardinal 1/2")	0.21	0.05	0.04	0.21	0.05	0.04	0.27	0.11	0.10	0.30	0.14	0.14
2/CU/0.037(2)/AIR/0.750	IS/OS	PVC	Dual Pane - Mini blind UP (Low E270)	0.21	0.05	0.04				0.26	0.07	0.10	0.29	0.09	0.14
2/CU/NA/AIR/0.750	IS/OS	PVC	Dual Pane - Mini blind UP	0.21	0.05	0.04				0.29	0.13	0.12	0.33	0.17	0.17

Updated 9-1-2018

Door	Glass Size	Door or Glass size
1/4 lite	≤410	Craftsman Rectangle(All), Center Arch
1/2 lite	≤900	3/4 Oval, Cottage Craftsman Arch
3/4 lite	≤1100	
Full lite	>1100	3/4 Lite
Opaque		All Panel Doors

Sidelite	Glass Size	Sidelite or Glass size
1/4 lite	≤65	
1/2 lite	≤281	Center Arch(10"), 3/4 Lite(10"), Craftsman
3/4 lite	≤391	Center Arch(14",12"), 3/4 Lite(14",12") Full Lite(12"/10")
Full lite	>391	Full Lite (14")
Opaque		

* #glazing layers / spacer type / low-e emissivity (surface) / gap fill / gap width (na=not applicable)

ENERGY RATINGS

Oak Woodgrain & Smooth Doors & Sidelites



OAK WOODGRAIN AND SMOOTH FIBERGLASS: DOORS and SIDELIGHTS

Does Not Meet Energy Star- All Zones
Does not Meet 2014 Florida Energy Code Criteria for SHGC

DOOR, TGI-M-3 NOTE: CPD # would equal the TGI-M-X + Number below the U-Factor-SHGC, Example: TGI-M-7-00717-00001

Product Description	SWING	Frame (Jamb)	GLAZING	1/4-LITE			1/2 LITE			3/4 LITE			FULL LITE		
				U-factor	SHGC	VT	U-factor	SHGC	VT	U-factor	SHGC	VT	U-factor	SHGC	VT
				0.19	0.07	0.07	0.23	0.13	0.13	0.25	0.18	0.18	0.28	0.23	0.23
3/A5/NA/AIR/0.313	IS/OS	Wood	Triple Pane: Decorative Glass	01648-00001			01659-00001			01673-00001			01687-00001		
2/A8/NA/AIR/0.688	IS/OS	Wood	Dual Pane - Grooved/Obscure	01652-00001			01662-00001			01676-00001			01690-00001		
3/A5/NA/AIR/0.313	IS/OS	Wood	Triple Pane: Obscure (5mm) Glass	01650-00001			01660-00001			01674-00001			01688-00001		
2/A5/NA/AIR/0.750	IS/OS	Wood	Dual Pane - Wrought Iron	01653-00001			01663-00001			01677-00001			01691-00001		
2/SS/0.037(2)/ARG/0.750	IS/OS	Wood	Dual Pane - Low E270 (Clear/Internal Grill)	01655-00001			01665-00001			01679-00001			01693-00001		
ODL-BBG-E270/air/ Clear 3mm 1" UP	IS/OS	Wood	Dual Pane - Low E270 (Mini Blind UP)				01671-00001			01685-00001			01699-00001		
ODL-BBG-Clear/air/ Clear 3mm 1" UP	IS/OS	Wood	Dual Pane - (Mini Blind UP)				01669-00001			01683-00001			01697-00001		
	IS/OS	Wood	Flush/Embossed	01648-00001											
3/A5/NA/AIR/0.313	IS/OS	PVC	Triple Pane: Decorative Glass	01702-00001			01712-00001			01726-00001			01740-00001		
2/A8/NA/AIR/0.688	IS/OS	PVC	Dual Pane - Grooved/Obscure	01705-00001			01715-00001			01729-00001			01743-00001		
3/A5/NA/AIR/0.313	IS/OS	PVC	Triple Pane: Obscure (5mm) Glass	01703-00001			01713-00001			01727-00001			01741-00001		
2/A5/NA/AIR/0.750	IS/OS	PVC	Dual Pane - Wrought Iron	01706-00001			01716-00001			01730-00001			01744-00001		
2/SS/0.037(2)/ARG/0.750	IS/OS	PVC	Dual Pane - Low E270 (Clear/Internal Grill)	01708-00001			01718-00001			01732-00001			01746-00001		
ODL-BBG-E270/air/ Clear 3mm 1" UP	IS/OS	PVC	Dual Pane - Low E270 (Mini Blind UP)				01724-00001			01738-00001			01752-00001		
ODL-BBG-Clear/air/ Clear 3mm 1" UP	IS/OS	PVC	Dual Pane - (Mini Blind UP)				01722-00001			01736-00001			01750-00001		
	IS/OS	PVC	Flush/Embossed	01701-00001											

SIDELITE, TGI-M-4

Product Description	SWING	Frame (Jamb)	GLAZING	1/4-LITE			1/2 LITE			3/4 LITE			FULL LITE		
				U-factor	SHGC	VT	U-factor	SHGC	VT	U-factor	SHGC	VT	U-factor	SHGC	VT
				0.17	0.03	0.01	0.20	0.07	0.06	0.22	0.09	0.09	0.24	0.12	0.12
3/A5/NA/AIR/0.313	IS/OS	Wood	Triple Pane: Decorative Glass	01327-00001			01337-00001			01351-00001			01365-00001		
2/A8/NA/AIR/0.688	IS/OS	Wood	Dual Pane - Grooved/Obscure	01330-00001			01340-00001			01354-00001			01368-00001		
3/A5/NA/AIR/0.313	IS/OS	Wood	Triple Pane: Obscure (5mm) Glass	01328-00001			01338-00001			01352-00001			01366-00001		
2/A5/NA/AIR/0.750	IS/OS	Wood	Dual Pane - Wrought Iron	01331-00001			01341-00001			01355-00001			01369-00001		
2/SS/0.037(2)/ARG/0.750	IS/OS	Wood	Dual Pane - Low E270 (Clear/Internal Grill)	01333-00001			01343-00001			01357-00001			01371-00001		
ODL-BBG-E270/air/ Clear 3mm 1" UP	IS/OS	Wood	Dual Pane - Low E270 (Mini Blind UP)				01349-00001			01363-00001			01377-00001		
ODL-BBG-Clear/air/ Clear 3mm 1" UP	IS/OS	Wood	Dual Pane - (Mini Blind UP)				01347-00001			01361-00001			01375-00001		
3/A5/NA/AIR/0.313	IS/OS	PVC	Triple Pane: Decorative Glass	01380-00001			01390-00001			01404-00001			01418-00001		
2/A8/NA/AIR/0.688	IS/OS	PVC	Dual Pane - Grooved/Obscure	01383-00001			01393-00001			01407-00001			01421-00001		
3/A5/NA/AIR/0.313	IS/OS	PVC	Triple Pane: Obscure (5mm) Glass	01381-00001			01391-00001			01405-00001			01419-00001		
2/A5/NA/AIR/0.750	IS/OS	PVC	Dual Pane - Wrought Iron	01384-00001			01394-00001			01408-00001			01422-00001		
2/SS/0.037(2)/ARG/0.750	IS/OS	PVC	Dual Pane - Low E270 (Clear/Internal Grill)	01386-00001			01396-00001			01410-00001			01424-00001		
ODL-BBG-E270/air/ Clear 3mm 1" UP	IS/OS	PVC	Dual Pane - Low E270 (Mini Blind UP)				01402-00001			01416-00001			01430-00001		
ODL-BBG-Clear/air/ Clear 3mm 1" UP	IS/OS	PVC	Dual Pane - (Mini Blind UP)				01400-00001			01414-00001			01428-00001		

Updated 9-1-2018

Note: Low E 0.162 = 3mm SYP Glass

Door	Glass Size	Door or Glass size
1/4 lite	≤410	Fanlite, Craftsman Rectangle (All), Craftsman Arch, Center Arch, 3/4 Oval (Smooth), Metro (3-Lite, 3-Lite Mix, 4-Lite, 5-Lite)
1/2 lite	≤900	Half Lite, Half Lite Round-Top, Softbrow, Twin Half Lite, C-Arch (8/0), 3/4 Oval (6/8 Oak, 8/0), Full Oval, Metro (1-Lite, 3-Lite Craftsman)
3/4 lite	≤1100	Half Lite (8/0), 3/4 Lite (6/8)
Full lite	>1100	Full Lite, Full Lite Round-Top, 3/4 Lite (8/0)
Opaque		All Panel Doors

Sidelite	Glass Size	Sidelite or Glass size
1/4 lite	≤65	
1/2 lite	≤281	Half Lite, Half Lite Round-Top, Center Arch
3/4 lite	≤391	Center Arch (8/0), 3/4 Lite (6/8), Full Lite (6/8)
Full lite	>391	Full Lite (7/0), 3/4 Lite (8/0)
Opaque		

* #glazing layers / spacer type / low-e emissivity (surface) / gap fill / gap width (na=not applicable)

ENERGY RATINGS

Flushglazed Oak Woodgrain & Smooth Doors & Sidelites (Impact/Patio)



PROGRAMS: SMOOTH CRAFTSMAN, OAK AND SMOOTH IMPACT, and PATIO DOORS

 Does Not Meet Energy Star- All Zones
 Does not Meet 2014 Florida Energy Code Criteria for SHGC

DOOR, TGI-M-1 NOTE: CPD # would equal the TGI-M-X + Number below the U-Factor-SHGC, Example: TGI-M-7-00717-00001

Product Description	SWING	Frame (Jamb)	GLAZING	1/4-LITE			1/2 LITE			3/4 LITE			FULL LITE		
				U-factor	SHGC	VT	U-factor	SHGC	VT	U-factor	SHGC	VT	U-factor	SHGC	VT
3/A5/NA/AIR/0.250	IS/OS	Wood	Triple Pane: Laminated Impact Glass	0.19	0.07	0.06	0.23	0.13	0.13	0.25	0.17	0.17	0.29	0.23	0.24
				00868-00001			00887-00001			00902-00001			00917-00001		
3/A5/NA/AIR/0.313	IS/OS	Wood	Triple Pane: Decorative Glass	0.19	0.07	0.07	0.23	0.13	0.13	0.25	0.18	0.18	0.28	0.24	0.24
				00866-00001			00885-00001			00900-00001			00915-00001		
2/A8/NA/AIR/0.563	IS/OS	Wood	Dual Pane: Laminated Impact Glass	0.20	0.08	0.08	0.25	0.16	0.16	0.28	0.21	0.22	0.32	0.28	0.3
				00870-00001			00889-00001			00904-00001			00919-00001		
2/A8/NA/AIR/0.688	IS/OS	Wood	Dual Pane - Grooved/Obscure	0.21	0.09	0.08	0.25	0.17	0.17	0.29	0.22	0.23	0.33	0.30	0.31
				00871-00001			00890-00001			00905-00001			00920-00001		
3/A5/NA/AIR/0.313	IS/OS	Wood	Triple Pane: Obscure (5mm) Glass	0.19	0.07	0.06	0.23	0.13	0.13	0.25	0.17	0.18	0.29	0.23	0.24
				00867-00001			00886-00001			00901-00001			00916-00001		
2/A5/NA/AIR/0.750	IS/OS	Wood	Dual Pane - Wrought Iron	0.21	0.08	0.07	0.25	0.15	0.14	0.29	0.2	0.2	0.33	0.26	0.27
				00872-00001			00891-00001			00906-00001			00921-00001		
2/SS/0.037(2)/AIR/0.750	IS/OS	Wood	Dual Pane - Low E270 (Clear/Internal Grill)	0.19	0.05	0.07	0.23	0.08	0.14	0.25	0.11	0.19	0.28	0.15	0.26
				00874-00001			00893-00001			00908-00001			00923-00001		
ODL-BBG-E270/air/ Clear 3mm 1" UP	IS/OS	Wood	Dual Pane - Low E270 (Mini Blind UP)				0.23	0.07	0.12	0.25	0.10	0.17	0.28	0.13	0.23
							00898-00001			00913-00001			00928-00001		
ODL-BBG-Clear/air/ Clear 3mm 1" UP	IS/OS	Wood	Dual Pane - (Mini Blind UP)				0.26	0.15	0.14	0.29	0.20	0.19	0.34	0.27	0.27
							00896-00001			00911-00001			00926-00001		
3/A5/NA/AIR/0.250	IS/OS	PVC	Triple Pane: Laminated Impact Glass	0.20	0.07	0.06	0.23	0.13	0.13	0.26	0.17	0.17	0.29	0.23	0.24
				00932-00001			00951-00001			00966-00001			00981-00001		
3/A5/NA/AIR/0.313	IS/OS	PVC	Triple Pane: Decorative Glass	0.20	0.07	0.07	0.23	0.13	0.13	0.25	0.18	0.18	0.28	0.24	0.24
				00930-00001			00949-00001			00964-00001			00979-00001		
2/A8/NA/AIR/0.563	IS/OS	PVC	Dual Pane: Laminated Impact Glass	0.21	0.08	0.08	0.25	0.16	0.16	0.28	0.21	0.22	0.32	0.28	0.3
				00934-00001			00953-00001			00968-00001			00983-00001		
2/A8/NA/AIR/0.688	IS/OS	PVC	Dual Pane - Grooved/Obscure	0.21	0.09	0.08	0.26	0.17	0.17	0.29	0.22	0.23	0.33	0.30	0.31
				00935-00001			00954-00001			00969-00001			00984-00001		
3/A5/NA/AIR/0.313	IS/OS	PVC	Triple Pane: Obscure (5mm) Glass	0.20	0.07	0.06	0.23	0.13	0.13	0.26	0.17	0.18	0.29	0.23	0.24
				00931-00001			00950-00001			00965-00001			00980-00001		
2/A5/NA/AIR/0.750	IS/OS	PVC	Dual Pane - Wrought Iron	0.21	0.08	0.07	0.26	0.15	0.14	0.29	0.2	0.2	0.33	0.26	0.27
				00936-00001			00955-00001			00970-00001			00985-00001		
2/SS/0.037(2)/AIR/0.750	IS/OS	PVC	Dual Pane - Low E270 (Clear/Internal Grill)	0.2	0.05	0.07	0.23	0.08	0.14	0.25	0.11	0.19	0.28	0.15	0.26
				00938-00001			00957-00001			00972-00001			00987-00001		
ODL-BBG-E270/air/ Clear 3mm 1" UP	IS/OS	PVC	Dual Pane - Low E270 (Mini Blind UP)				0.23	0.07	0.12	0.25	0.10	0.17	0.28	0.13	0.23
							00962-00001			00977-00001			00992-00001		
ODL-BBG-Clear/air/ Clear 3mm 1" UP	IS/OS	PVC	Dual Pane - (Mini Blind UP)				0.26	0.15	0.14	0.30	0.20	0.19	0.34	0.27	0.27
							00960-00001			00975-00001			00990-00001		

SIDELITE, TGI-M-2

Product Description	SWING	Frame (Jamb)	GLAZING	1/4-LITE			1/2 LITE			3/4 LITE			FULL LITE		
				U-factor	SHGC	VT	U-factor	SHGC	VT	U-factor	SHGC	VT	U-factor	SHGC	VT
3/A5/NA/AIR/0.250	IS/OS	Wood	Triple Pane: Laminated Impact Glass	0.17	0.03	0.02	0.22	0.10	0.08	0.24	0.13	0.11	0.26	0.18	0.14
				00708-00001			00727-00001			00742-00001			00757-00001		
3/A5/NA/AIR/0.313	IS/OS	Wood	Triple Pane: Decorative Glass	0.17	0.03	0.02	0.22	0.10	0.08	0.25	0.15	0.11	0.26	0.19	0.15
				00706-00001			00725-00001			00740-00001			00755-00001		
2/A8/NA/AIR/0.563	IS/OS	Wood	Dual Pane: Laminated Impact Glass	0.17	0.03	0.02	0.23	0.10	0.10	0.25	0.13	0.14	0.28	0.18	0.18
				00710-00001			00729-00001			00744-00001			00759-00001		
2/A8/NA/AIR/0.688	IS/OS	Wood	Dual Pane - Grooved/Obscure	0.17	0.03	0.02	0.23	0.11	0.10	0.26	0.14	0.14	0.29	0.19	0.19
				00711-00001			00730-00001			00745-00001			00760-00001		
3/A5/NA/AIR/0.313	IS/OS	Wood	Triple Pane: Obscure (5mm) Glass	0.17	0.03	0.02	0.22	0.10	0.08	0.24	0.14	0.14	0.27	0.19	0.14
				00707-00001			00726-00001			00741-00001			00756-00001		
2/A5/NA/AIR/0.750	IS/OS	Wood	Dual Pane - Wrought Iron	0.17	0.03	0.02	0.23	0.11	0.09	0.26	0.15	0.12	0.29	0.21	0.16
				00712-00001			00731-00001			00746-00001			00761-00001		
2/SS/0.037(2)/AIR/0.750	IS/OS	Wood	Dual Pane - Low E270 (Clear/Internal Grill)	0.17	0.03	0.02	0.22	0.06	0.09	0.24	0.07	0.12	0.27	0.09	0.16
				00714-00001			00733-00001			00748-00001			00763-00001		
ODL-BBG-E270/air/ Clear 3mm 1" UP	IS/OS	Wood	Dual Pane - Low E270 (Mini Blind UP)				0.22	0.04	0.06	0.24	0.06	0.09	0.27	0.07	0.12
							00738-00001			00753-00001			00768-00001		
ODL-BBG-Clear/air/ Clear 3mm 1" UP	IS/OS	Wood	Dual Pane - (Mini Blind UP)				0.24	0.08	0.07	0.27	0.11	0.10	0.30	0.14	0.14
							00736-00001			00751-00001			00766-00001		
3/A5/NA/AIR/0.250	IS/OS	PVC	Triple Pane: Laminated Impact Glass	0.17	0.03	0.02	0.22	0.10	0.08	0.24	0.13	0.11	0.27	0.18	0.14
				00772-00001			00791-00001			00806-00001			00821-00001		
3/A5/NA/AIR/0.313	IS/OS	PVC	Triple Pane: Decorative Glass	0.17	0.03	0.02	0.22	0.10	0.08	0.24	0.14	0.11	0.27	0.19	0.15
				00770-00001			00789-00001			00804-00001			00819-00001		
2/A8/NA/AIR/0.563	IS/OS	PVC	Dual Pane: Laminated Impact Glass	0.18	0.03	0.02	0.23	0.10	0.10	0.25	0.13	0.14	0.28	0.18	0.18
				00774-00001			00793-00001			00808-00001			00823-00001		
2/A8/NA/AIR/0.688	IS/OS	PVC	Dual Pane - Grooved/Obscure	0.18	0.03	0.02	0.24	0.11	0.10	0.26	0.14	0.14	0.29	0.19	0.19
				00775-00001			00794-00001			00809-00001			00824-00001		
3/A5/NA/AIR/0.313	IS/OS	PVC	Triple Pane: Obscure (5mm) Glass	0.17	0.03	0.02	0.22	0.10	0.08	0.24	0.14	0.11	0.27	0.19	0.14
				00771-00001			00790-00001			00805-00001			00820-00001		
2/A5/NA/AIR/0.750	IS/OS	PVC	Dual Pane - Wrought Iron	0.18	0.03	0.02	0.24	0.11	0.09	0.26	0.15	0.12	0.29	0.21	0.16
				00776-00001			00795-00001			00810-00001			00825-00001		
2/SS/0.037(2)/AIR/0.750	IS/OS	PVC	Dual Pane - Low E270 (Clear/Internal Grill)	0.18	0.02	0.02	0.22	0.06	0.09	0.24	0.07	0.12	0.27	0.09	0.16
				00778-00001			00797-00001			00812-00001			00827-00001		
ODL-BBG-E270/air/ Clear 3mm 1" UP	IS/OS	PVC	Dual Pane - Low E270 (Mini Blind UP)				0.22	0.04	0.06	0.24	0.06	0.09	0.27	0.07	0.12
							00802-00001			00817-00001			00832-00001		
ODL-BBG-Clear/air/ Clear 3mm 1" UP	IS/OS	PVC	Dual Pane - (Mini Blind UP)				0.24	0.08	0.07	0.27	0.11	0.10	0.3	0.14	0.14
							00800-00001			00815-00001			00830-00001		

Updated 9-1-2018

Note: Low E 0.162 = 3mm SYP Glass

Door	Glass Size	Door or Glass size
1/4 lite	≤410	Craftsman Rectangle, Center Arch, Impact 3/4 Oval
1/2 lite	≤900	Half Lite, Impact 3/4 Oval (36")
3/4 lite	≤1100	3/4 Lite
Full lite	>1100	Full Lite
Opaque		All Panel Doors

Sidelite	Glass Size	Sidelite or Glass size
1/4 lite	≤65	
1/2 lite	≤281	Half Lite, Craftsman
3/4 lite	≤391	3/4 Lite, Full Lite (12"/10")
Full lite	>391	Full Lite (14")
Opaque		

* #glazing layers / spacer type / low-e emissivity (surface) / gap fill / gap width (na=not applicable)

ENERGY STAR® Certification Criteria for Residential Doors



Effective 1/1/2015

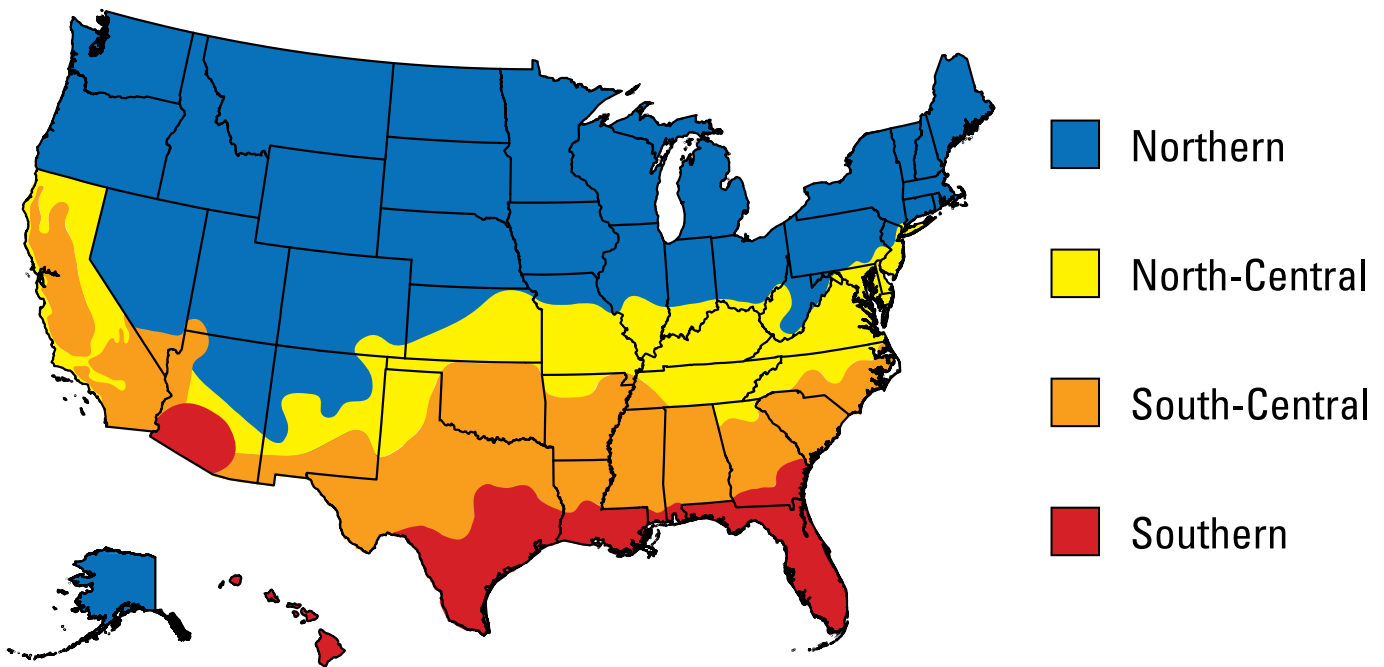
Glazing Level	U-Factor ¹	SHGC ²	
Opaque	≤0.17	No Rating	
≤1/2 Lite	≤0.25	≤0.25	
>1/2 Lite	≤0.30	Northern North-Central	≤0.40
		Southern South-Central	≤0.25



Air Leakage for Swinging Doors ≤ 0.5 cfm/ft²

¹ Btu/h-ft²·°F

² Fraction of incident solar radiation



Note: A complete list of ENERGY STAR Climate Zones by states and country or, where applicable, zip code is available at https://www.energystar.gov/index.cfm?fuseaction=windows_doors.search_climate

ENERGY RATINGS

Feather River NFRC Labels



TRINITY GLASS
INTERNATIONAL

Modern Fiberglass Door
In-swing (IS) and Out-swing (OS)
TGI-M-9*

TRINITY GLASS
INTERNATIONAL

Craftsman Fiberglass Door
Dual Glazed – 6-Lite External Grille (1/2" Clear)
In-swing (IS) and Out-swing (OS)
TGI-M-7*

ENERGY PERFORMANCE RATINGS				
Product Description	U-Factor ¹ / Solar Heat Gain Coefficient (SHGC)			
	Individual Option Number			
	1/4 Lite ≤410†	1/2 Lite ≤900†	3/4 Lite ≤1100†	Full Lite >1100†
Default Frame** Wood	---	---	---	---
Lighthouse/ Triple Pane Texture/ Wood - Air	---	0.24 0.09	---	---
	---	00041-00002	---	---
Lighthouse Arch/ Triple Pane Deco/ Wood - Air	---	0.25 0.12	---	---
	---	00051-00001	---	---
Air Leakage ≤0.3 cfm/ft²				
<p>Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information.</p> <p>* Numbers below the performance ratings are referenced in the NFRC Certified Products Directory (e.g., ABC-X-1-00001-00001 or 123-X-1-00001-00001)</p> <p>** per NFRC 100 † square inches ¹ btu/hr*ft²*F www.nfrc.org</p>				

ENERGY PERFORMANCE RATINGS				
Product Description**	U-Factor ¹ / Solar Heat Gain Coefficient (SHGC)			
	Individual Option Number			
	1/4 Lite ≤410†	1/2 Lite ≤900†	3/4 Lite ≤1100†	Full Lite >1100†
Default Frame*** Wood	---	---	---	---
2/SS/NA/AIR/0.266 (Clear)	0.22 0.10	---	---	---
	01243-00001	---	---	---
PVC Frame 2/SS/NA/AIR/0.266 (Clear)	0.22 0.10	---	---	---
	01320-00001	---	---	---
2/SS/NA/AIR/0.266 (SDL)	0.22 0.09	---	---	---
	001262-00001	---	---	---
PVC Frame 2/SS/NA/AIR/0.266 (SDL)	0.22 0.09	---	---	---
	01339-00001	---	---	---
Air Leakage ≤0.3 cfm/ft²				
<p>Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information.</p> <p>* Numbers below the performance ratings are referenced in the NFRC Certified Products Directory (e.g., ABC-X-1-00001-00001 or 123-X-1-00001-00001)</p> <p>** #glazing layers / spacer type / low-e emissivity (surface) / gap fill / gap width (na=not applicable)</p> <p>*** per NFRC 100 † square inches ¹ btu/hr*ft²*F www.nfrc.org</p>				

ENERGY STAR® Certified
in All 50 States

ENERGY STAR® Certified
in All 50 States

ENERGY RATINGS

Feather River NFRC Labels



TRINITY GLASS
INTERNATIONAL

Mahogany Fiberglass Door
In-swing (IS) and Out-swing (OS)
TGI-M-7*

TRINITY GLASS
INTERNATIONAL

Premium Fiberglass Door
In-swing (IS) and Out-swing (OS)
TGI-M-3*

ENERGY PERFORMANCE RATINGS				
Product Description**	U-Factor ¹ / Solar Heat Gain Coefficient (SHGC)			
	Individual Option Number			
	1/4 Lite ≤410†	1/2 Lite ≤900†	3/4 Lite ≤1100†	Full Lite >1100†
Default Frame*** Wood				
3/A5/na/AIR/0.313	0.20 0.08	0.23 0.13	---	---
	01234-00001	01272-00001	---	---
PVC Frame 3/A5/na/AIR/0.313	0.20 0.08	0.23 0.13	---	---
	01311-00001	01349-00001	---	---
3/A5/na/AIR/0.313 (Center Arch)	0.20 0.08	---	---	---
	01253-00001	---	---	---
PVC Frame 3/A5/na/AIR/0.313 (Center Arch)	0.20 0.08	---	---	---
	01330-00001	---	---	---
Flush / Embossed 01233-00001	U-Factor ¹ 0.15		SHGC 0.01	
PVC Frame Flush / Embossed 01310-00001	U-Factor ¹ 0.15		SHGC 0.01	
Air Leakage ≤0.3 cfm/ft²				
<p>Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information.</p> <p>* Numbers below the performance ratings are referenced in the NFRC Certified Products Directory (e.g., ABC-X-1-00001-00001 or 123-X-1-00001-00001)</p> <p>** #glazing layers / spacer type / low-e emissivity (surface) / gap fill / gap width (na=not applicable)</p> <p>*** per NFRC 100 † square inches ¹ btu/hr*ft²*F www.nfrc.org</p>				

ENERGY PERFORMANCE RATINGS				
Product Description**	U-Factor ¹ / Solar Heat Gain Coefficient (SHGC)			
	Individual Option Number			
	1/4 Lite ≤410†	1/2 Lite ≤900†	3/4 Lite ≤1100†	Full Lite >1100†
Default Frame*** Wood				
3/A5/na/AIR/0.313	0.19 0.07	0.23 0.13	0.25 0.18	0.28 0.24
	01648-00001	01659-00001	01673-00001	01687-00001
PVC Frame 3/A5/na/AIR/0.313	0.20 0.07	0.23 0.13	0.25 0.18	0.28 0.24
	01702-00001	01712-00001	01726-00001	01740-00001
Flush / Embossed 01648-00001	U-Factor ¹ 0.15		SHGC 0.01	
PVC Frame Flush / Embossed 01701-00001	U-Factor ¹ 0.16		SHGC 0.01	
Air Leakage ≤0.3 cfm/ft²				
<p>Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information.</p> <p>* Numbers below the performance ratings are referenced in the NFRC Certified Products Directory (e.g., ABC-X-1-00001-00001 or 123-X-1-00001-00001)</p> <p>** #glazing layers / spacer type / low-e emissivity (surface) / gap fill / gap width (na=not applicable)</p> <p>*** per NFRC 100 † square inches ¹ btu/hr*ft²*F www.nfrc.org</p>				

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