



# ENERGY RATINGS

## 6/8, 7/0 & 8/0 OAK WOODGRAIN AND SMOOTH STYLE FIBERGLASS ENTRY DOORS & SIDELITES

TYPE	SWING	GLAZING	1/4 Lite ≤ 410 sq in		1/2 Lite ≤ 900 sq in		3/4 Lite ≤ 1100 sq in		Full Lite > 1100 sq in	
			U-factor	SHGC	U-factor	SHGC	U-factor	SHGC	U-factor	SHGC
Fiberglass Door	Inswing & Outswing	Triple Pane – Decorative Glass	0.21	0.10	0.24	0.18	0.27	0.23	0.30	0.31
		Dual Pane – Grooved/Obscure	0.22	0.11	0.27 ❌	0.21 ❌	0.31 ❌	0.27 ❌	0.36 ❌	0.36 ❌
		Dual Pane – Wrought Iron	0.22	0.11	0.28 ❌	0.20 ❌	0.31 ❌	0.26 ❌	0.36 ❌	0.34 ❌
		Dual Pane – Low E-270 (Clear/Internal Grille)	0.19	0.06	0.22	0.10	0.24	0.13	0.26	0.18
		Opaque/No Glass (Flush/Embossed)	U-Factor = 0.15							
TYPE	SWING	GLAZING	1/4 Lite ≤ 65 sq in		1/2 Lite ≤ 350 sq in		3/4 Lite ≤ 460 sq in		Full Lite > 460 sq in	
Fiberglass Sidelite	Inswing & Outswing	Triple Pane – Decorative Glass	0.18	0.03	0.23	0.13	0.25	0.16	0.28	0.22
		Dual Pane – Obscure	0.19	0.04	0.25	0.13	0.28	0.18	0.31 ❌	0.23 ❌
		Dual Pane – Wrought Iron	0.19	0.03	0.25	0.14	0.28	0.18	0.32 ❌	0.24 ❌
		Dual Pane – Low E-270 (Clear/Internal Grille)	0.18	0.02	0.21	0.07	0.23	0.09	0.25	0.12
		Air Leakage ≤ 0.3 cfm/ft <sup>2</sup>								

## 6/8 MAHOGANY WOODGRAIN STYLE FIBERGLASS ENTRY DOORS & SIDELITES

TYPE	SWING	GLAZING	1/4 Lite ≤ 410 sq in		1/2 Lite ≤ 900 sq in		3/4 Lite ≤ 1100 sq in		Full Lite > 1100 sq in	
			U-factor	SHGC	U-factor	SHGC	U-factor	SHGC	U-factor	SHGC
Fiberglass Door	Inswing & Outswing	Triple Pane – Decorative Glass	0.20	0.08	0.23	0.14	N/A	N/A	0.27	0.23
		Dual Pane – Craftsman 6-Lite (Mahogany/Smooth)	0.22	0.10	N/A	N/A	N/A	N/A	N/A	N/A
		Dual Pane – Craftsman 3-Lite, 1-Lite Low E-270	0.21	0.10	N/A	N/A	N/A	N/A	N/A	N/A
		Dual Pane – (Clear/Internal Grille/Wrought Iron)	0.21	0.10	0.26	0.17	N/A	N/A	0.31 ❌	0.28 ❌
		Triple Pane – Laminated Impact Glass	0.20	0.07	0.22	0.13	N/A	N/A	0.25	0.20
		Opaque/No Glass (Flush/Embossed)	U-Factor = 0.15							
TYPE	SWING	GLAZING	1/4 Lite ≤ 65 sq in		1/2 Lite ≤ 350 sq in		3/4 Lite ≤ 460 sq in		Full Lite > 460 sq in	
Fiberglass Sidelite	Inswing & Outswing	Triple Pane – Decorative Glass	0.18	0.05	N/A	N/A	0.24	0.14	0.27	0.19
		Dual Pane – (Obscure/Clear/Internal Grille/Wrought Iron)	0.19	0.05	N/A	N/A	0.27	0.16	0.30	0.22
		Dual Pane – Low E-270 (Clear/Internal Grille/SDL)	0.18	0.03	N/A	N/A	N/A	N/A	0.24	0.11
		Triple Pane – Laminated Impact Glass	0.18	0.04	N/A	N/A	0.23	0.12	0.26	0.16
		Air Leakage ≤ 0.3 cfm/ft <sup>2</sup>								

## 6/8 FLUSHGLAZED OAK WOODGRAIN AND SMOOTH STYLE FIBERGLASS ENTRY DOORS & SIDELITES

TYPE	SWING	GLAZING	1/4 Lite ≤ 410 sq in		1/2 Lite ≤ 900 sq in		3/4 Lite ≤ 1100 sq in		Full Lite > 1100 sq in	
			U-factor	SHGC	U-factor	SHGC	U-factor	SHGC	U-factor	SHGC
Fiberglass Door	Inswing & Outswing	Triple Pane – Laminated Impact Glass	0.23	0.08	0.25	0.14	0.27	0.18	0.30	0.24
		Triple Pane – Decorative Glass	0.23	0.09	0.25	0.16	0.27	0.21	0.30	0.28
		Dual Pane – Laminated Impact Glass	0.24	0.10	0.27 ❌	0.18 ❌	0.30	0.24	0.34 ❌	0.32 ❌
		Dual Pane – Grooved, Reeded	0.24	0.10	0.28 ❌	0.19 ❌	0.31 ❌	0.25 ❌	0.35 ❌	0.33 ❌
		Dual Pane – Wrought Iron	0.24	0.10	0.28 ❌	0.19 ❌	0.31 ❌	0.25 ❌	0.35 ❌	0.33 ❌
		Dual Pane – Low E-270 (Clear/Internal Grille)	0.21	0.05	0.23	0.09	0.24	0.12	0.26	0.16
		Air Leakage ≤ 0.3 cfm/ft <sup>2</sup>								
TYPE	SWING	GLAZING	1/4 Lite ≤ 65 sq in		1/2 Lite ≤ 350 sq in		3/4 Lite ≤ 460 sq in		Full Lite > 460 sq in	
Fiberglass Door	Inswing & Outswing	Triple Pane – Laminated Impact Glass	N/A	N/A	0.24	0.10	0.25	0.13	0.27	0.17
		Triple Pane – Decorative Glass	N/A	N/A	0.24	0.12	0.25	0.15	0.27	0.20
		Dual Pane – Laminated Impact Glass	N/A	N/A	0.25	0.11	0.26	0.14	0.29	0.18
		Dual Pane – Grooved, Reeded	N/A	N/A	0.25	0.11	0.27	0.15	0.29	0.19
		Dual Pane – Wrought Iron	N/A	N/A	0.25	0.11	0.27	0.15	0.29	0.19
		Dual Pane – Low E-270 (Clear/Internal Grille)	N/A	N/A	0.23	0.06	0.23	0.08	0.24	0.10
Air Leakage ≤ 0.3 cfm/ft <sup>2</sup>										

❌ Sidelite: Will not qualify when purchased separately. Does qualify when purchased and installed with "qualified" SIGNAMARK entry door and sidelite configuration. ❌ Will not qualify under ENERGY STAR guidelines. Qualified in Northern & North-Central Zone

NFRC Size Designation	SIGNAMARK Door Description	NFRC Size Designation	SIGNAMARK Sidelite Description
1/4 Lite ≤ 410 sq in	Fanlite, Craftsman (Mahogany) Craftsman Rectangle, Craftsman Arch, Center Arch, 3/4 Oval (Smooth),	1/4 Lite ≤ 65 sq in	Craftsman (Mahogany)
1/2 Lite ≤ 900 sq in	Half Lite, Half Lite RT, Softbrow, Center Arch (8/0 Oak), 3/4 Oval (Mahogany and Oak), Full Oval,	1/2 Lite ≤ 350 sq in	Half Lite, Half Lite RT, Center Arch (6/8 Oak)
3/4 Lite ≤ 1100 sq in	3/4 Lite (6/8 Oak)	3/4 Lite ≤ 460 sq in	Center Arch (6/8 Mahogany, 8/0 Oak), 3/4 Lite (6/8), Full Lite (6/8 Oak, Smooth, Mahogany – 12"/10")
Full Lite > 1100 sq in	3/4 Lite (6/8 Mahogany), 3/4 Lite (8/0), Full Lite, Full Lite RT	Full Lite > 460 sq in	3/4 Lite (8/0), Full Lite (7/0), Full Lite (6/8 Mahogany – 14")
Opaque/No Glass	All Panel Doors	Opaque/No Glass	N/A

Note: Transoms do not qualify for the tax credit. Any tax credit, if available, would be based on "qualified" Door with Sidelites or Double Door configuration.

Updated February 9, 2015

## ENERGY STAR® Qualification Criteria for Residential Doors

Effective 1/1/2015

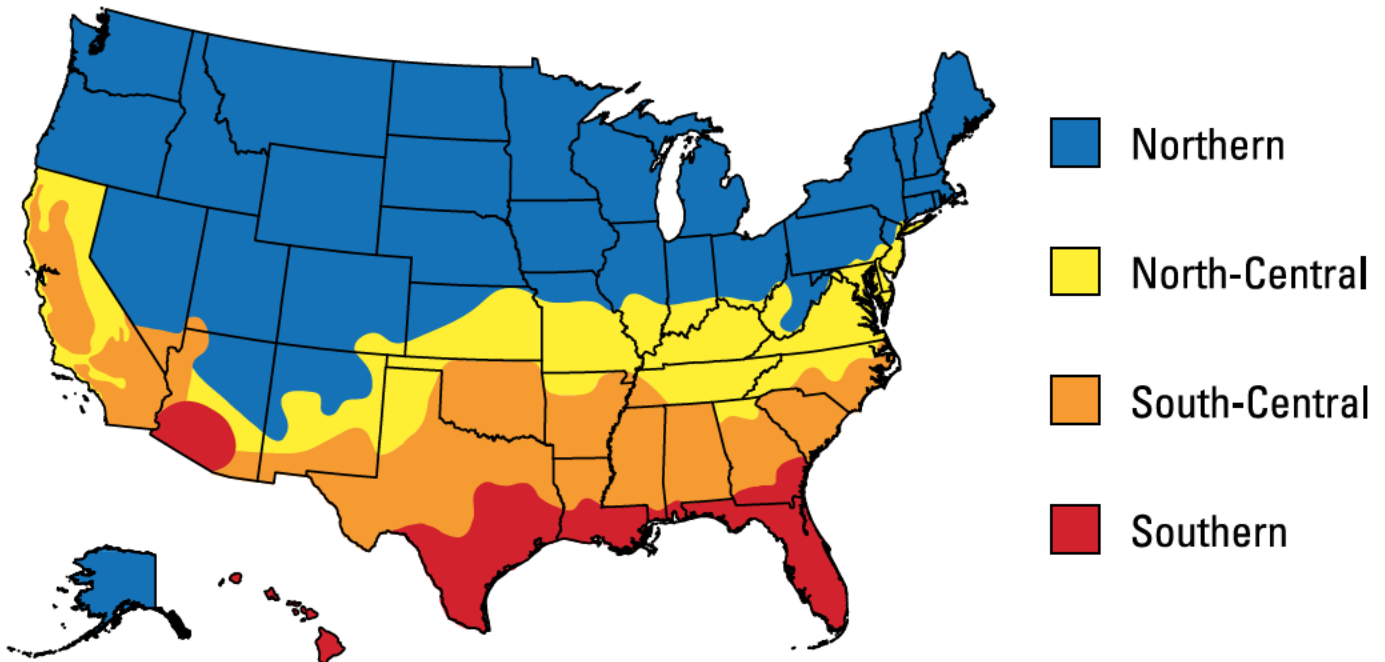
Glazing Level	U-Factor <sup>1</sup>	SHGC <sup>2</sup>	
Opaque	≤0.17	No Rating	
≤1/2 Lite	≤0.25	≤0.25	
>1/2 Lite	≤0.30	Northern North-Central	≤0.40
		Southern South-Central	≤0.25



Air Leakage for Swinging Doors ≤ 0.5 cfm/ft<sup>2</sup>


<sup>1</sup> Btu/h-ft<sup>2</sup>·°F


<sup>2</sup> 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](https://www.energystar.gov/index.cfm?fuseaction=windows_doors.search_climate)

## Examples of SIGNAMARK NFRC Labels







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

**ENERGY PERFORMANCE RATINGS**

Product Description**	U-Factor <sup>1</sup> / 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 0.14	—	—
	00717-00001	00753-00001	—	—
PVC Frame 3/A5/na/AIR/0.313	0.20 0.09	0.23 0.16	—	—
	00938-00001	01000-00001	—	—
3/A5/na/AIR/0.313 (Center Arch)	0.20 0.08	—	—	—
	00737-00001	—	—	—
PVC Frame 3/A5/na/AIR/0.313 (Center Arch)	0.20 0.08	—	—	—
	00972-00001	—	—	—
Flush / Embossed 00703-00001	U-Factor <sup>1</sup> 0.15		SHGC —	
PVC Frame Flush / Embossed 00906-00001	U-Factor <sup>1</sup> 0.15		SHGC —	
<b>Air Leakage 0.3 cfm/ft<sup>2</sup></b>				
<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      <sup>1</sup> btu/hr*ft<sup>2</sup>*F www.nfrc.org</p>				





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

**ENERGY PERFORMANCE RATINGS**

Product Description**	U-Factor <sup>1</sup> / 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	0.21 0.10	0.24 0.18	0.27 0.23	—
	01301-00001	01323-00001	01345-00001	—
PVC Frame 3/A5/na/AIR/0.313	0.21 0.10	0.24 0.18	0.27 0.23	—
	01464-00001	01489-00001	01518-00001	—
Flush / Embossed 01286-00001	U-Factor <sup>1</sup> 0.15		SHGC —	
PVC Frame Flush / Embossed 01443-00001	U-Factor <sup>1</sup> 0.15		SHGC —	
<b>Air Leakage 0.3 cfm/ft<sup>2</sup></b>				
<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      <sup>1</sup> btu/hr*ft<sup>2</sup>*F www.nfrc.org</p>				



**ENERGY STAR® Qualified  
In All 50 States**



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## Examples of SIGNAMARK NFRC Labels





**Flush Glazed Fiberglass Door**  
In-swing (IS) and Out-swing (OS)  
TGI-M-1\*

ENERGY PERFORMANCE RATINGS				
Product Description**	U-Factor <sup>1</sup> / 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/0.250	0.23 0.08	0.25 0.14	0.27 0.18	— —
	00460-00001	00493-00001	00526-00001	—
PVC Frame 3/A5/na/AIR/0.250	0.23 0.08	0.25 0.15	0.27 0.20	— —
	00637-00001	00663-00001	00689-00001	—

**Air Leakage 0.3 cfm/ft<sup>2</sup>**


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.


\* 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)

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

\*\*\* per NFRC 100      † square inches      <sup>1</sup> btu/hr<sup>2</sup>F<sup>2</sup>

[www.nfrc.org](http://www.nfrc.org)





**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 <sup>1</sup> / 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	— —	— —	— —
	00722-00001	—	—	—
PVC Frame 2/SS/NA/AIR/0.266 (Clear)	0.22 0.10	— —	— —	— —
	00945-00001	—	—	—
2/SS/NA/AIR/0.266 (SDL)	0.22 0.09	— —	— —	— —
	00722-00002	—	—	—
PVC Frame 2/SS/NA/AIR/0.266 (SDL)	0.22 0.09	— —	— —	— —
	00945-00002	—	—	—

**Air Leakage 0.3 cfm/ft<sup>2</sup>**

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.

\* 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)

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

\*\*\* per NFRC 100      † square inches      <sup>1</sup> btu/hr<sup>2</sup>F<sup>2</sup>

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