



# Labeling Guidance for ENERGY STAR® Windows, Doors, and Skylights

As stated in the Program Requirements, manufacturer partners of the ENERGY STAR Windows, Doors, and Skylights program are required to label products and display units. Section I of this document outlines how to label products. Section II describes the proper use of display unit labels. Section III presents guidelines for proper use of spine labels.

In addition to the labeling requirements for windows, doors, and skylights presented here, manufacturer partners must also adhere to the ENERGY STAR Identity Guidelines ([www.energystar.gov/logos](http://www.energystar.gov/logos)) when using ENERGY STAR marks or messaging.

Manufacturer partners are encouraged to share this document with manufacturing facilities, marketing departments, and graphic designers. Please contact [windows@energystar.gov](mailto:windows@energystar.gov) with any questions.

## WHERE TO FIND LABEL TEMPLATES

Manufacturer partners can obtain all label templates by logging on to My ENERGY STAR Account (MESA). To access MESA, sign in at [www.energystar.gov/mesa](http://www.energystar.gov/mesa) with the user name and password provided when your company completed the partnership application process.

## WHEN TO LABEL FOR VERSION 6.0

Manufacturer partners may begin applying the appropriate product, display unit, and/or spine labels to products meeting the Version 6.0 product specification at their earliest convenience.

To carry the label, windows must meet the Version 6.0 specification for the North-Central, South-Central, and/or Southern Climate Zones beginning on January 1, 2015. Windows may continue to carry the label if they meet the Version 5.0 specification for the Northern Zone in 2015, but they must meet the Version 6.0 specification for the Northern Zone beginning on January 1, 2016.

Doors and skylights must meet the Version 6.0 product specification in all Climate Zones beginning on January 1, 2015.

## CUSTOM LABELS

In isolated cases, manufacturer partners unable to use the label templates may pursue use of custom labels. Manufacturer partners interested in using custom labels should note the following:

1. EPA must reapprove all custom labels that were approved under previous criteria.
2. EPA will not supply any artwork for custom labels.
3. Mock-ups of custom labels must be sent to [windows@energystar.gov](mailto:windows@energystar.gov) for approval.
4. Manufacturer partners should allow 2-4 weeks for review.
5. Custom labels will be approved at EPA's discretion.
6. Manufacturer partners must obtain EPA approval prior to printing or applying custom labels.

## I. LABELING PRODUCTS

**ENERGY STAR Windows, Doors, and Skylights manufacturer partners are required to label ALL ENERGY STAR certified products.** The label makes it easy for consumers to see whether a product is certified to meet the requirements in their area of the country without having to understand all the underlying technical details of the ENERGY STAR criteria. A product shall be considered ENERGY STAR certified if it is available for sale, meets the ENERGY STAR requirements, and is part of a product line that has been selected by the manufacturer partner for the National Fenestration Rating Council (NFRC) Independent Verification Program (IVP).

If a manufacturer partner offers a product option that meets the ENERGY STAR requirements described above, but does not wish to market that particular product option as being ENERGY STAR certified, it is required to inform the program administrator via email to [windows@energystar.gov](mailto:windows@energystar.gov).

**The ENERGY STAR label may not be placed on or associated with components or other product types that are ineligible for certification, such as sunrooms.**

### A. FINDING THE RIGHT PRODUCT LABEL

Follow the instructions below to find the right product label for the product.

1. Use the criteria tables below to determine the zone(s) in which the product is certified to meet the requirements. To be ENERGY STAR certified under Version 6.0, products must have installation instructions readily available online or packaged with the product. For complete product certification requirements, please refer to the Version 6.0 specification.

WINDOWS			
CLIMATE ZONE	U-FACTOR <sup>1</sup>	SHGC <sup>2</sup>	
Northern*	≤ 0.27	Any	Prescriptive
	= 0.28	≥ 0.32	Equivalent Energy Performance
	= 0.29	≥ 0.37	
	= 0.30	≥ 0.42	
North Central	≤ 0.30	≤ 0.40	
South Central	≤ 0.30	≤ 0.25	
Southern	≤ 0.40	≤ 0.25	

Air Leakage ≤ 0.3 cfm/ft2

DOORS			
GLAZING LEVEL	U-FACTOR <sup>1</sup>	SHGC <sup>2</sup>	
Opaque	≤ 0.17	No Rating	
≤ ½-Lite	≤ 0.25	≤ 0.25	
> ½-Lite	≤ 0.30	Northern North-Central	≤ 0.40
		Southern South-Central	≤ 0.25

Air Leakage for Sliding Doors ≤ 0.3 cfm/ft2  
Air Leakage for Swinging Doors ≤ 0.5 cfm/ft2

\* The effective date for the Northern Zone prescriptive and equivalent energy performance criteria for windows is January 1, 2016. The table below presents the Version 5.0 Northern Zone criteria.

CLIMATE ZONE	U-FACTOR <sup>1</sup>	SHGC <sup>2</sup>	
Northern*	≤ 0.30	Any	Prescriptive
	= 0.31	≥ 0.35	Equivalent Energy Performance
	= 0.32	≥ 0.40	

SKYLIGHTS			
CLIMATE ZONE	U-FACTOR <sup>1</sup>	SHGC <sup>2</sup>	
Northern	≤ 0.50	Any	
North Central	≤ 0.53	≤ 0.35	
South Central	≤ 0.53	≤ 0.28	
Southern	≤ 0.60	≤ 0.28	

Air Leakage ≤ 0.3 cfm/ft2

<sup>1</sup> Btu/h ft<sup>2</sup>·°F  
<sup>2</sup> Solar Heat Gain Coefficient

2. Use the tables below to determine which label is appropriate for the product. All label templates are available at [www.energystar.gov/ mesa](http://www.energystar.gov/ mesa) with a user name and password.

## WINDOWS AND SKYLIGHTS

IF THE PRODUCT MEETS THE SPECIFICATION IN ZONE(S)				USE LABEL*
Northern	North-Central	South-Central	Southern	1 or 1A
Northern				2
Northern	North-Central			3
	North-Central			4
	North-Central	South-Central	Southern	8
			Southern	10

## DOORS

IF THE PRODUCT MEETS THE SPECIFICATION IN ZONE(S)				USE LABEL*
Northern	North-Central	South-Central	Southern	1 or 1A
Northern	North-Central			3 or 3A**

\* The Climate Zone combinations shown in Labels 5, 6, 7, and 9 are not applicable under the Version 6.0 specification.

\*\* See Section I-C below for guidance on using Label 3A.

## B. PRINTING AND APPLYING THE PRODUCT LABEL

CORRECT USE	INCORRECT USE
<ul style="list-style-type: none"> <li>✓ Use the appropriate product label showing the climate zone(s) where the product is certified to meet the requirements or stating that the product is "Certified in All 50 States"</li> <li>✓ Place the label immediately adjacent to the NFRC temporary label; separation between labels should be less than 1" unless limited by unique product configurations</li> <li>✓ For standard map labels, minimum size is 3.75" (width) x 2.5" (height), and width/height ratio of 3/2 must be maintained</li> <li>✓ For the "Certified in All 50 States" label, minimum size is 3.75" (width) x 0.75" (height), and width/height ratio of 5/1 must be maintained</li> <li>✓ For the alternative compact map label, minimum size is 3.75" (width) x 0.75" (height), and width/height ratio of 5/1 must be maintained; use the alternative compact map label only on &gt;1/2-lite doors certified to meet the requirements in the Northern and North-Central Climate Zones</li> <li>✓ The two-color version of the label must use 100% black and 100% cyan</li> <li>✓ The grayscale version of the label must use 100% black and 35% gray</li> <li>✓ Use of diagonal lines, crosshatching, dots, or similar designs instead of shading to indicate climate zones is acceptable as long as state borders are still clearly visible on the map</li> <li>✓ Label only residential windows, doors, or skylights intended for structures of three or fewer stories</li> </ul>	<ul style="list-style-type: none"> <li>✗ Do not use any additional ENERGY STAR marks or labels on the product</li> <li>✗ Do not use any additional ENERGY STAR marks (apart from the spine label) on the product's packaging</li> <li>✗ Do not use the product label as a display unit label or as a supplement to the display unit label</li> <li>✗ Do not use this label on tradeshow displays or any other signage</li> </ul>

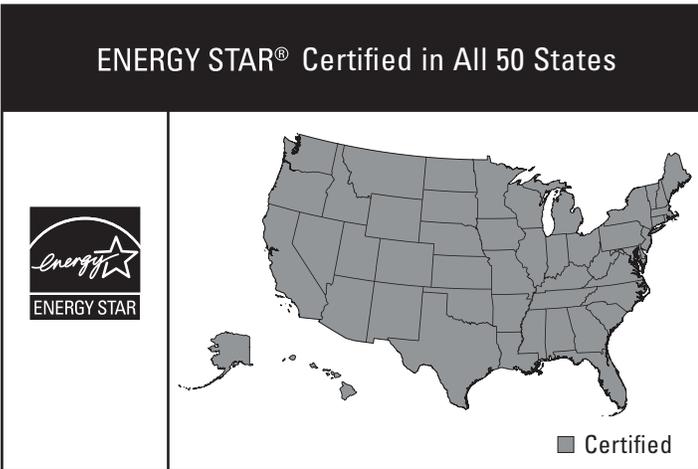
## Product Label Examples



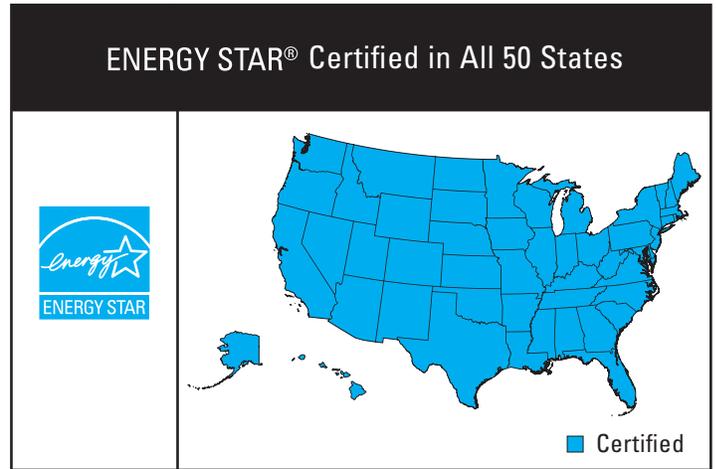
Label 1 - Grayscale



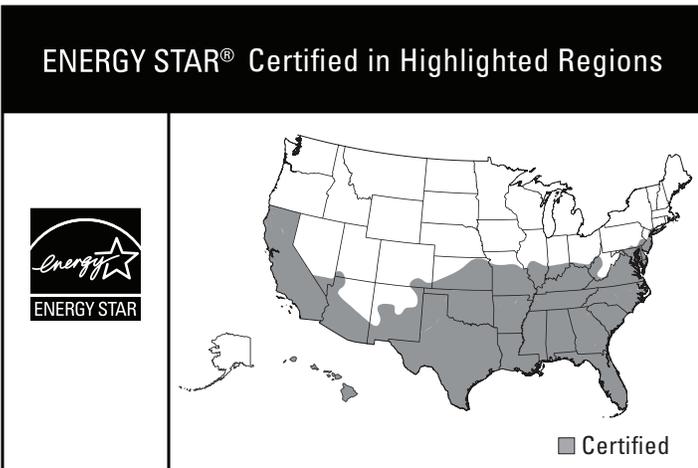
Label 1 - Color



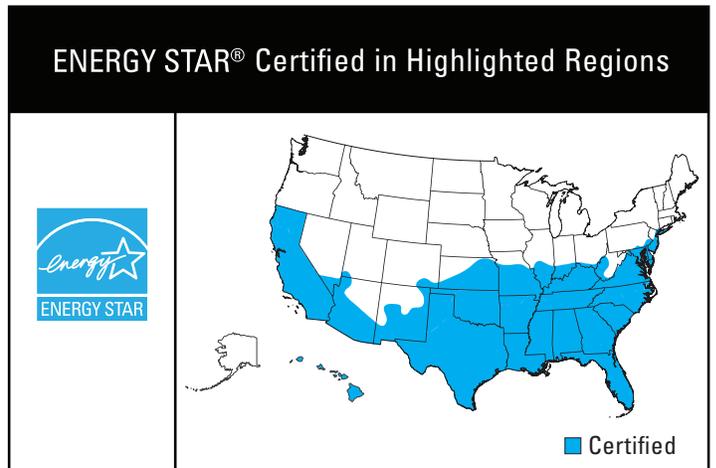
Label 1A - Grayscale



Label 1A - Color



Label 8 - Grayscale



Label 8 - Color

## C. ALTERNATIVE COMPACT MAP LABEL FOR DOORS

At the manufacturer partner's discretion, > ½-lite doors that are ENERGY STAR certified to meet the requirements for the Northern and North-Central Zones may be labeled with the alternative compact map label (label 3A) in place of the standard map label (label 3). The manufacturer partner is responsible for ensuring the legibility of the climate zone map on the product label. This label may not be used to label windows or skylights.

Example:



Label 3A

## II. LABELING DISPLAY UNITS

**ENERGY STAR Windows, Doors, and Skylights manufacturer partners are required to label ALL display units for models that can be ENERGY STAR certified.** The ENERGY STAR label may not be placed on components or product types that are ineligible for certification, such as sunrooms. The purpose of the label is to ensure that consumers are presented with clear and consistent information about the availability of ENERGY STAR certified options at the time of purchase.

CORRECT USE	INCORRECT USE
<ul style="list-style-type: none"> <li>✓ Place the label directly on the display unit or on adjacent, permanently connected point-of-purchase material where consumers can easily read the text</li> <li>✓ Place the label on the inside surface of corner cuts or similar displays for protection and durability</li> <li>✓ Use this label on all tradeshow displays</li> <li>✓ Minimum label size is 3.75" (width) x 1.8" (height), and width/height ratio of 25/12 must be maintained</li> <li>✓ The color version of the label must use 100% cyan</li> <li>✓ The grayscale version of the label must use 100% black</li> <li>✓ Label only display units for residential windows, doors, and skylights intended for structures of three stories or less</li> </ul>	<ul style="list-style-type: none"> <li>✗ Do not use any additional ENERGY STAR marks on the display unit</li> <li>✗ Do not use the display unit label on products for sale</li> <li>✗ Do not label sunroom or porch displays</li> </ul>

### Display Label Examples



The grayscale display label features the ENERGY STAR logo in white on a black background. The text is also in white. The top section contains the logo and the text "ENERGY STAR® certified versions of this product are available. Ask your salesperson for details." The bottom section contains the Spanish translation: "Las versiones de los productos certificado ENERGY STAR están disponibles. Para mas detalles hable con el representante de ventas en la tienda."

Display Label - Grayscale



The color display label features the ENERGY STAR logo in white on a blue background. The text is also in white. The top section contains the logo and the text "ENERGY STAR® certified versions of this product are available. Ask your salesperson for details." The bottom section contains the Spanish translation: "Las versiones de los productos certificado ENERGY STAR están disponibles. Para mas detalles hable con el representante de ventas en la tienda."

Display Label - Color

### III. LABELING PRODUCT PACKAGING

ENERGY STAR Windows, Doors, and Skylights manufacturer partners may label product packaging using the spine label. The spine label indicates the climate zone(s) in which the product is certified to meet the requirements so the consumer does not need to refer to the NFRC temporary label.

For products sold in retail settings, manufacturer partners should place the spine label on the outwardly-facing dimension of a product's packaging as it is typically sold. This is generally the narrowest dimension, such as on the spine of a window or a door jamb. If the spine of the product is too narrow to accommodate the entire label, it is permissible to place the label near the spine on an adjacent face. It is also permissible to place spine labels on more than one face of a product's packaging. Manufacturer partners should consider consulting with their retailer(s) to determine how products will be arranged for sale in-store so that consumers may easily read the label.

If, at the time of purchase, a product is covered by packaging so that the NFRC temporary label is not visible to the consumer (e.g., if the product is packaged in a box), the manufacturer partner must place the appropriate spine label on the product packaging. Consumers must be able to determine in which climate zone(s) the ENERGY STAR product is certified to meet the requirements.

If the NFRC temporary label is visible to the consumer at the time of purchase, use of the spine label is optional.

#### A. Finding the Right Spine Label

Follow the instructions in Section I-A above to find the correct spine label.

#### B. Printing and Applying the Spine Label

CORRECT USE	INCORRECT USE
<ul style="list-style-type: none"><li>✓ Use the appropriate product label showing the climate zone(s) where the product is certified to meet the requirements or stating that the product is "Certified in All 50 States"</li><li>✓ For labels with maps, minimum size is 3" (width) x 2" (height), and width/height ratio of 3/2 must be maintained</li><li>✓ For the "Certified in All 50 States" label, minimum size is 3" (width) x 0.8" (height), and width/height ratio of 15/4 must be maintained</li><li>✓ The two-color version of the label must use 100% black and 100% cyan</li><li>✓ The grayscale version of the label must use 100% black and 35% gray</li><li>✓ Use of diagonal lines, crosshatching, dots, or similar designs instead of shading to indicate climate zones is acceptable as long as state borders are still clearly visible on the map</li><li>✓ Label only residential windows, doors, or skylights intended for structures of three stories or less</li></ul>	<ul style="list-style-type: none"><li>✗ Do not apply the spine label directly to products</li><li>✗ Do not use any additional ENERGY STAR marks on the product's packaging</li><li>✗ Do not use the spine label as a display unit label or as a supplement to the display unit label</li><li>✗ Do not use the spine label on tradeshow displays or any other signage</li></ul>

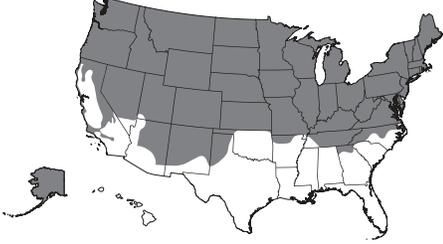
## Spine Label Examples

 <b>ENERGY STAR</b> <small>energystar.gov/windows</small>	<b>ENERGY STAR® Certified in all 50 States.</b> Certificado por ENERGY STAR en los 50 estados.
	<b>For full information, see label on product.</b> Para información completa, consultar la etiqueta del producto.

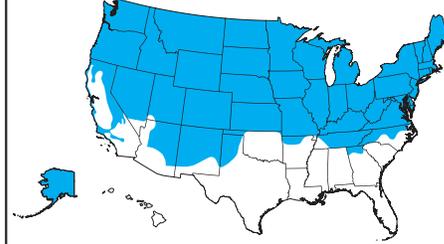
Spine Label 1 - Grayscale

 <b>ENERGY STAR</b> <small>energystar.gov/windows</small>	<b>ENERGY STAR® Certified in all 50 States.</b> Certificado por ENERGY STAR en los 50 estados.
	<b>For full information, see label on product.</b> Para información completa, consultar la etiqueta del producto.

Spine Label 1 - Color

<b>ENERGY STAR® Certified in Highlighted Regions.</b> Certificado por ENERGY STAR en las regiones resaltadas.	
 <b>ENERGY STAR</b> <small>energystar.gov/windows</small>	 ■ Certified/Certificado
	<b>For full information, see label on product.</b> Para información completa, consultar la etiqueta del producto.

Spine Label 3 - Grayscale

<b>ENERGY STAR® Certified in Highlighted Regions.</b> Certificado por ENERGY STAR en las regiones resaltadas.	
 <b>ENERGY STAR</b> <small>energystar.gov/windows</small>	 ■ Certified/Certificado
	<b>For full information, see label on product.</b> Para información completa, consultar la etiqueta del producto.

Spine Label 3 - Color