



ENERGY STAR

# ENERGY STAR® FOR WINDOWS, DOORS, AND SKYLIGHTS

## LABEL FINDER:







### Product Qualification Labels

*Instructions:* Use the tables below to determine the ENERGY STAR climate zones where your products qualify and the appropriate ENERGY STAR product qualification label to use.

#### Prescriptive Qualification Criteria

If labeling windows and/or doors under the prescriptive qualification criteria or labeling any skylight products use the following two tables.




#### Windows & Doors

		SHGC <sup>2</sup>		
U-Factor <sup>1</sup>	$\leq 0.40$	0.41 - 0.55	$\geq 0.56$	
$\leq 0.35$	All Zones (Label 1) 	Northern and North/Central (Label 5) 	Northern Only (Label 4) 	
0.36 - 0.40	North/Central, South/Central, and Southern (Label 2) 	North/Central Only (Label 6) 		
0.41 - 0.65	Southern Only (Label 3) 			

<sup>1</sup> Btu/h.ft<sup>2</sup>.°F

<sup>2</sup> Fraction of incident solar radiation

## Skylights

U-Factor (2001 NFRC rated at 20°) <sup>3</sup>	U-Factor (RES97 rated at 90°) <sup>4</sup>	SHGC	
		≤ 0.40	≥ 0.41
≤ 0.60	≤ 0.45	All Zones (Label 1) 	Northern Only (Label 4) 
0.61 - 0.75	0.46 - 0.75	Southern Only (Label 3) 	



<sup>3</sup> U-Factor qualification criteria based on 2001 NFRC simulation and certification procedures that rate skylights at a 20-degree angle. Although reported U-Factor is higher than RES97 rated products, energy performance at the ENERGY STAR minimum qualifying level is equivalent.

<sup>4</sup> NFRC certification using the 1997 NFRC procedures for residential windows (RES 97) that rated skylights at a 90-degree angle. Skylights rated under this procedure may be present in the marketplace until March 31, 2008. NFRC labels for products using this procedure state: "RES97 rated at 90 degrees."

### Equivalent Energy Performance Criteria *(effective September 19, 2005)*

If labeling windows and/or doors using the equivalent energy performance criteria, use the table below.

## Windows & Doors

U-Factor	SHGC	Climate Zone(s) and Label
≤ 0.41	≤ 0.36	South/Central (excluding California) and Southern (Label 7)
≤ 0.42	≤ 0.31	
≤ 0.43	≤ 0.24	
≤ 0.65	≤ 0.40	
≤ 0.66	≤ 0.39	Southern Only (Label 3) 
≤ 0.67		
≤ 0.68	≤ 0.38	
≤ 0.69	≤ 0.37	
≤ 0.70		
≤ 0.71	≤ 0.36	
≤ 0.72	≤ 0.35	
≤ 0.73		
≤ 0.74	≤ 0.34	
≤ 0.75	≤ 0.33	