

Pella® Energy Guide

Understand how to identify the most energy-efficient products and options for your region.



Available at



What is ENERGY STAR®?

ENERGY STAR is the most widely recognized symbol for energy efficiency in the world. A voluntary program from the U.S. Environmental Protection Agency (EPA), the ENERGY STAR label identifies products independently certified to use less energy and cause fewer emissions that contribute to climate change.



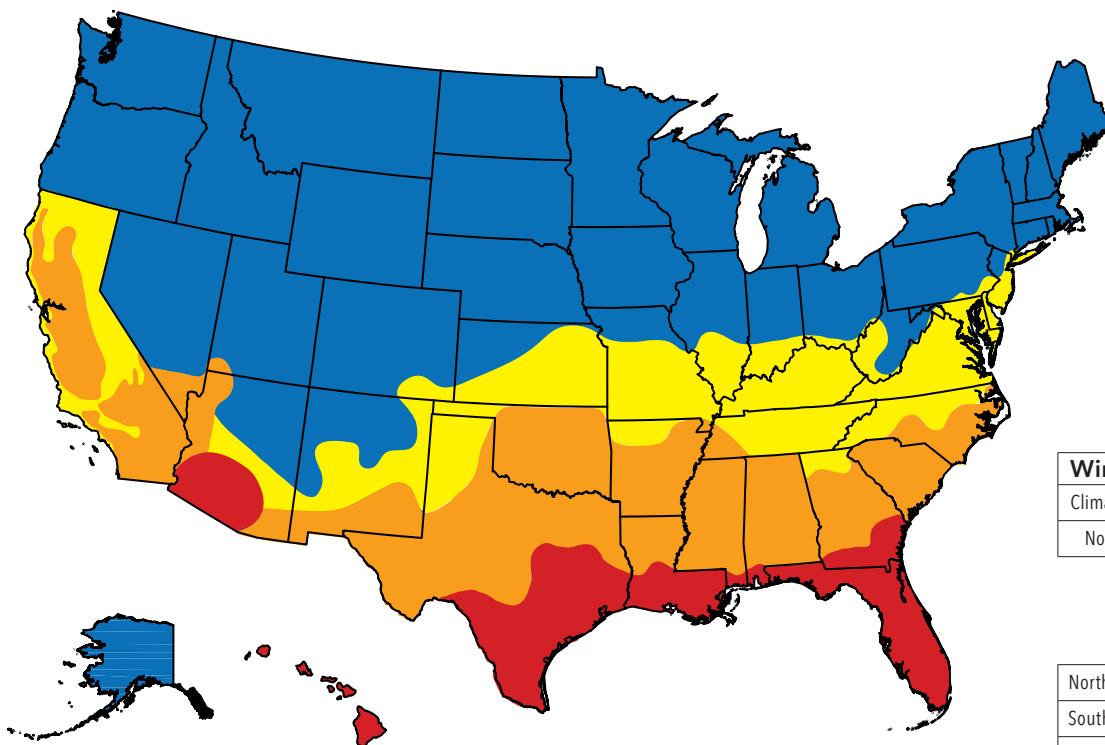
Benefits of ENERGY STAR products

- Help you save money on heating and cooling costs
- Help you create more comfortable spaces
- Help protect your carpet, furniture and artwork from sun damage
- Deliver certified performance you can trust

Looking for these labels is a simple way to help you save money and energy and protect the environment. Pella is proud to offer products in each of our product lines that will meet or exceed ENERGY STAR requirements in all 50 states.¹

Determining the Best Window Specifications for Your Home

No matter where you live, you'll want to find the windows and doors optimized for your specific region. They'll help cut down on energy costs and keep your home more comfortable. Explore these recommendations from ENERGY STAR to find the windows and patio doors with the right energy specifications for your home.



Climate Zone Map

- Northern
- North Central
- South Central
- Southern

Windows			
Climate Zone	U-Factor ²	SHGC	
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	

U-Factor

The U-Factor tells you how well a window insulates. This measurement tells the rate at which the product conducts non-solar heat flow. The lower the U-Factor, the better the insulation the window provides.

Solar Heat Gain Coefficient (SHGC)

The SHGC rates how effective a window is at blocking the sun's radiant heat, or how much heat is absorbed by the window and then passed indirectly to your home. The lower the SHGC, the less heat the window allows into your home.

Energy-Efficient Glass Options from Pella³

Help lower annual heating and cooling costs with Pella's exclusive glass coatings optimized for your specific geographic region.



Advanced Low-E Insulating Glass

- **Best use:** Most U.S. climates
- **Dual-pane:** Two panes of glass with Advanced Low-E protection and insulating argon between the panes. Blocks 84% of the sun's ultraviolet rays.
- **Triple-pane:** Three panes of glass also available on select product lines for increased energy efficiency. Blocks 86% of the sun's ultraviolet rays.



AdvancedComfort Low-E Insulating Glass

- **Best use:** Northern U.S. climates
- **Dual-pane:** Two panes of glass with Advanced Low-E protection and insulating argon between the panes. Blocks 85% of the sun's ultraviolet rays.
- **Triple-pane:** Three panes of glass also available on select product lines for increased energy efficiency. Blocks 87% of the sun's ultraviolet rays.



SunDefense™ Low-E Insulating Glass

- **Best use:** Very hot, sunny climates
- **Dual-pane:** Two panes of glass with SunDefense Low-E protection and insulating argon between the panes. Blocks 94% of the sun's ultraviolet rays.
- **Triple-pane:** Three panes of glass also available on select product lines for increased energy efficiency. Blocks 95% of the sun's ultraviolet rays.



NaturalSun Low-E Insulating Glass

- **Best use:** Cold climates, like far northern U.S. and Canada
- **Dual-pane:** Two panes of glass with NaturalSun Low-E insulating argon between panes. Blocks 69% of the sun's ultraviolet rays.
- **Triple-pane:** Three panes of glass also available on select product lines for increased energy efficiency. Blocks 73% of the sun's ultraviolet rays.

Need help finding the window or door best for your region?

Contact your local Lowe's Associate or Pella sales representative for more information.

¹ Some Pella products may not meet ENERGY STAR[®] guidelines in Canada. For more information, contact your local Pella sales representative or go to energystar.gc.ca.

² Btu/h ft²·F

³ Glass options vary by product type and product line. Please ask a Lowe's associate for details.