



# Fast Facts

## Pella® Windows and Doors

### It's all on the label

ENERGY STAR® climate zones. National Fenestration Rating Council. U-Factors. Solar Heat Gain Coefficient. Sometimes it can be confusing trying to understand the label on a window or door product. And when you need to know if a window's energy-efficiency level will qualify for the U.S. tax credits, it's incredibly important. For homeowners concerned about all the specifics of a window label, below is a sample from a Pella® Designer Series® window to use as a guide.

Remove this label after final inspection. SAVE for future reference

<b>1</b>	 National Fenestration Rating Council® CERTIFIED	<b>Pella Corporation</b> Casement 5/8" InsulShld Temp IG Left Hinge Clear Temp Panel Argon Filled CPD: PEL - N - 016			
<b>ENERGY PERFORMANCE RATINGS</b>					
<b>2</b>	U-Factor (U.S./I-P) <b>0.30</b>	<b>3</b>	Solar Heat Gain Coefficient <b>0.25</b>		
<b>ADDITIONAL PERFORMANCE RATINGS</b>					
Visible Transmittance <b>0.41</b>		--			
<b>4</b> 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 products and does not warrant the suitability of any product for any specific use. For more information, call (841) 621-3114 or visit Pella's web site at <a href="http://www.pella.com">www.pella.com</a> or visit NFRC's web site at <a href="http://www.nfrc.org">www.nfrc.org</a>					
<table border="1"> <tr> <td> <b>55</b> Design Pressure (DP) (psf) Per ASTM E230 Canada Performance Classification CAN/CSA A440-M90 A3 Air Leakage B5 Water Leakage C3 Wind Resist. </td> <td>           Qualified for high wind area. Répond aux exigences pour les régions indiquées. Canada 1 800 367-2000 <a href="http://energystar.gc.ca">energystar.gc.ca</a>  U.S. / É.U. 1 888 752-7937 <a href="http://energystar.gov">energystar.gov</a>  ☒ = Qualified/Admissible </td> </tr> </table>				<b>55</b> Design Pressure (DP) (psf) Per ASTM E230 Canada Performance Classification CAN/CSA A440-M90 A3 Air Leakage B5 Water Leakage C3 Wind Resist.	Qualified for high wind area. Répond aux exigences pour les régions indiquées. Canada 1 800 367-2000 <a href="http://energystar.gc.ca">energystar.gc.ca</a>  U.S. / É.U. 1 888 752-7937 <a href="http://energystar.gov">energystar.gov</a>  ☒ = Qualified/Admissible
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<b>5</b> <b>WDMA HALLMARK CERTIFIED</b> WDMA License Number: 411-H-992		<b>R55 (Performance Grade 55)</b> Tested to ANSI/HAM/WDA 101/LS 2-57 C-R55 35x73 Tested to ANNA/WOMA/CSA 101/LS 21640-02 C-R55 889x1854			
<b>WDMA Hallmark Certification:</b> Pella products labeled with the Window & Door Manufacturers Association (WDMA) Hallmark Certification are tested in accordance with applicable WDMA performance standards, which requires products be tested for air infiltration, water infiltration, and structural performance. Performance of Pella products will change over time depending upon the conditions of use. For details on Hallmark Certification, go to <a href="http://www.wdma.com">www.wdma.com</a> .					

**LOOK FOR THE NFRC LABEL.** This helps you determine the product's energy performance.

- 1 NFRC-certified products** — reputable window and door manufacturers rate and certify products according to National Fenestration Rating Council (NFRC) requirements.
- 2 U-Factors** — the lower the U-Factor, the better the window insulates.
- 3 Solar Heat Gain Coefficient** — this number tells how effective the product is at blocking the sun's radiant heat. The lower the Solar Heat Gain Coefficient, the less solar heat the window allows into your home.
- 4 Manufacturer reports "whole product energy performance"** — the best way to know how your window will perform — versus only reporting performance of the glass.
- 5 Window & Door Manufacturers Association (WDMA) Hallmark Certification** — indicates the product has met WDMA air, water and structural performance tests and is a mark of excellence in the industry.



The National Fenestration Rating Council is a nonprofit organization that developed an energy rating program based on whole product performance — not just the glass.

NOTE: For example purposes only. NFRC ratings vary by product.



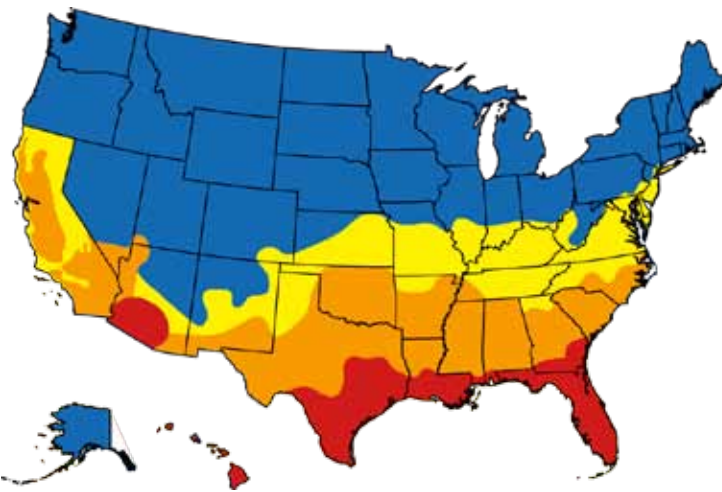
Pella is recognized as an ENERGY STAR® *Sustained Excellence* winner for the company's leadership in manufacturing energy-efficient windows and educating consumers about them.



## ENERGY STAR® Performance<sup>1</sup>

The U.S. Department of Energy's ENERGY STAR program uses "whole unit" (glass and frame) SHGC ratings and U-Factors to measure window and door energy efficiency. To ensure your product will deliver ENERGY STAR performance, refer to the chart and map below to help determine ENERGY STAR guidelines<sup>1</sup> for your area of the country. Then compare these numbers with the whole unit SHGC ratings and U-Factors printed on the NFRC label found on every window and door. Pella has some of the lowest U-Factors in the industry, and offers the energy-efficient options that will meet or exceed ENERGY STAR guidelines in all 50 states.<sup>2</sup>

### ENERGY STAR "Whole Unit" Residential Performance Guidelines



Climate Zone	U-Factor	SHGC
Northern	0.30 or lower	Any
	0.31	0.35 or higher
	0.32	0.40 or higher
North Central	0.32 or lower	0.40 or lower
South Central	0.35 or lower	0.30 or lower
Southern	0.60 or lower	0.27 or lower

#### Entry Doors, Patio Doors (All Regions)

Glazing Level	U-Factor	SHGC
Solid panel	0.21 or lower	No rating
1/2-light or less	0.27 or lower	0.30 or lower
More than 1/2-light	0.32 or lower	0.30 or lower

<sup>1</sup> 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](http://energystar.gc.ca).

<sup>2</sup> The map and chart shown above reflect new, more stringent ENERGY STAR requirements effective January 4, 2010. To see requirements in effect up to January 3, 2010, go to [energystar.gov](http://energystar.gov).



VIEWED TO BE THE BEST.®

### Further questions?

Contact your local Pella® Window and Door Showroom or call **888-847-3552** or visit **[www.pella.com](http://www.pella.com)**. Follow Pella on Twitter.com **@Pella\_News**.