




SEARCH

- [Home](#)
- [Trade Professionals](#)
- [Site Map](#)
- [Contact](#)

# ENERGY EFFICIENCY/THERMAL PERFORMANCE

## ENERGY STAR® RATINGS & PERFORMANCE

- [Energy Efficiency/](#)
- [Thermal Performance](#)
- [ENERGY STAR®](#)
- [National Green Building Standard](#)

### Make your home more energy efficient

A green home doesn't have to compromise beauty or natural light. ODL door glass can be used in doors to meet [ENERGY STAR®](#) and [National Green Building Standard](#) specifications. ODL is an [ENERGY STAR® Partner](#).

Select ODL doorglass products meet regional ENERGY STAR® thermal performance standards as defined by the U.S. Department of Energy. ODL Tubular Skylights have also earned the ENERGY STAR®, and can eliminate the need for electric lights while bringing natural light to dark spaces.

ODL Enclosed Blinds & Shades can increase thermal efficiency by as much as 104%. ODL Enclosed Blinds can also reduce solar heat gain up to 77% and reduce heat loss up to 28%.

Find out more about ENERGY STAR® specifications in your area. Local and state codes are developed using ENERGY STAR® guidelines but may be more or less stringent.

### ODL products: energy efficiency ratings

#### U-factor and SHGC explained

The lower the U-factor (or U-value), the lower the rate of heat flow, reducing heating and cooling bills. The Solar Heat Gain Coefficient (SHGC) measures ability to block heat caused by sunlight. The lower the SHGC, the more air conditioning costs are reduced.

#### ODL doorglass ratings

Energy efficiency ratings for ODL doorglass products vary by door construction, doorglass type, and size.

The ratings of participating door manufacturers can be found in the [NFRC on-line directory](#). [Contact ODL](#) for more information about which door and doorglass combinations meet ENERGY STAR® requirements.

- ENERGY STAR® ratings
- [US criteria for doors](#)
- [Canadian criteria for do](#)
- [Qualification criteria for](#)



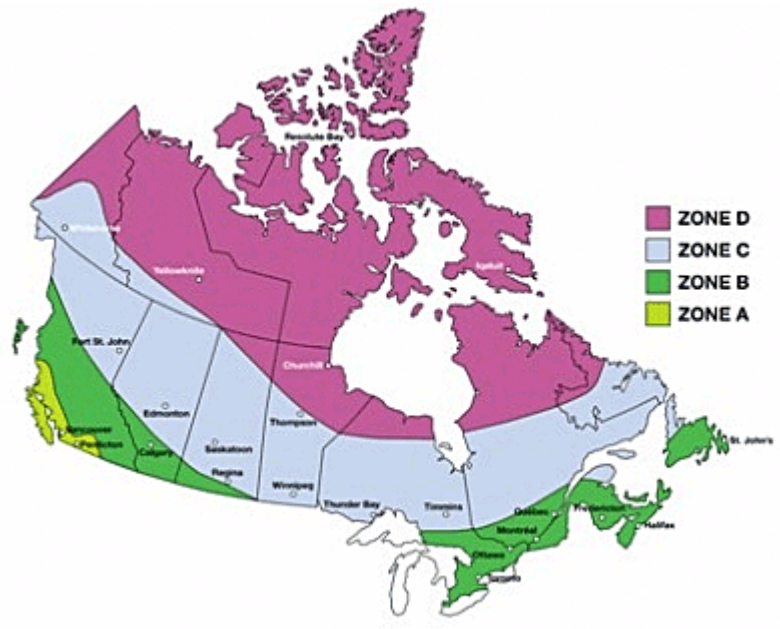
[Oak Park](#) full view door glass

U.S. ENERGY STAR® criteria for doors		
Glazing level	U-factor	SHGC
Opaque	≤ 0.21	No rating

≤ 1/2 doorlight	≤ 0.27	≤ 0.30
> 1/2 doorlight	≤ 0.32	≤ 0.30

**Canadian ENERGY STAR® criteria for doors** (effective June 1, 2010)

	Zone A	Zone B	Zone C	Zone D
U-factor	0.32	0.28	0.25	0.21



[Oak Park glass design](#)  
Rectangle Craftsman doorlight

ODL Tubular Skylights are ENERGY STAR® qualified

ODL is proud to offer Tubular Skylights that have earned the ENERGY STAR® nationwide, in all US climate zones. Tubular Skylights thermal performance values are NFRC Certified and are listed in the [NFRC Product Directory](#).

**ENERGY STAR® qualification criteria for skylights**

Climate zone	U-factor	SHGC
Northern	≤ 0.55	Any
North-central	≤ 0.55	≤ 0.40
South-central	≤ 0.57	≤ 0.30
Southern	≤ 0.70	≤ 0.30

## ODL is an ENERGY STAR® partner

The ENERGY STAR® Windows Program is a voluntary partnership between the Department of Energy (DOE) and the fenestration industry (NFRC) to promote sales of energy efficient windows, doors, and skylights. The ENERGY STAR® program is sponsored by the U.S. Department of Energy and U.S. Environmental Protection Agency to help consumers identify products that meet criteria for energy efficiency and quality. Find out more about [ENERGY STAR® products](#).



---

### Products

[Decorative Door Glass](#)  
[Clear Door Glass](#)  
[Custom Door Glass](#)  
[Blinds & Shades](#)  
[Decorative Windows](#)  
[Tubular Skylights](#)  
[Retractable Screens](#)  
[New Products](#)

### [Where to Buy](#)

### Technical Info

[Product Performance](#)  
[Product Codes & Certifications](#)  
[Energy Efficiency](#)  
[Energy Tax Credit](#)

### Customer Support

[FAQs](#)  
[Installation Instructions](#)  
[Care & Maintenance](#)  
[Videos](#)  
[Downloads](#)  
[Warranties](#)

### About ODL

[History](#)  
[Community](#)  
[Green Commitment](#)  
[Press Room](#)  
[Partners](#)  
[Locations](#)  
[Careers](#)  
[ODL Canada](#)  
[ODL Europe](#)

---

© 2010 ODL, Inc. | 215 East Roosevelt Ave. | Zeeland, Michigan 49464 USA

Door Glass, Enclosed Blinds & Shades, Decorative Privacy Windows | 800.253.3900 | [doorglass\\_info@odl.com](mailto:doorglass_info@odl.com)  
Add-on/DIY Blinds & Shades, Tubular Skylights, Retractable Screens | 866.635.4968 | [retail\\_info@odl.com](mailto:retail_info@odl.com)