



Proposed Recognition Criteria Residential Windows and Sliding Glass Doors (SGD)

Scope

Included products. Windows and sliding glass doors (NFRC operator type DDSG) for residential buildings are eligible for ENERGY STAR[®] Most Efficient 2024 recognition.

Excluded products. The following products are not eligible for ENERGY STAR Most Efficient 2024 recognition:

- Windows for commercial buildings
- Doors (except sliding glass doors with NFRC operator type DDSG)

Recognition Criteria

- 1) Product must be ENERGY STAR certified consistent with applicable ENERGY STAR Partner Commitments and the requirements set forth in the latest version of the ENERGY STAR Program Requirements and the Version 7 Eligibility Criteria for Windows (or Doors for sliding glass doors). Product performance (U-factor and SHGC) must be certified by a certification body recognized by the U.S. Environmental Protection Agency (EPA).
- 2) Products must meet the applicable requirements shown in the table below:

Climate Zone	U-factor	SHGC
Northern	≤ 0.20	≥ 0.20
North-Central	≤ 0.20	≤ 0.40
South-Central	≤ 0.20	≤ 0.23
Southern	≤ 0.21 = 0.22	≤ 0.23 ≤ 0.21

Note: SHGC = Solar Heat Gain Coefficient. The definition of “residential building” is found in the ENERGY STAR Program Requirements for Windows, Doors, and Skylights.

Recognition Period

Upon review and approval of product applications received from ENERGY STAR Partners, EPA will add qualifying models to the ENERGY STAR Most Efficient 2024 product list for windows and sliding glass doors (SGD) from January 1, 2024, through December 31, 2024. The ENERGY STAR Most Efficient 2021 designation may be used in association with window and SGD products recognized during this period for as long as the model remains on the market.

