



Recognition Criteria Clothes Dryers

Scope

Included products: Standard and compact size electric clothes dryers are eligible for ENERGY STAR® Most Efficient recognition in 2024.

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

- Gas clothes dryers
- Commercial clothes dryers
- Water-cooled ventless clothes dryers
- Combination all-in-one washer-dryers
- Residential clothes washers with heated drying functionality

Recognition Criteria

1) Product must be ENERGY STAR certified consistent with applicable ENERGY STAR Partner Commitments and the requirements set forth in the ENERGY STAR Program Requirements Product Specification for Clothes Dryers, Version 1.1. Product performance must be certified by a certification body recognized by the U.S. Environmental Protection Agency (EPA).

2) Product must meet the applicable energy performance requirements shown in the table below, as determined by 10 CFR Part 430 Subpart B Appendix D2.

| Cycle Setting | Product Type | CEFBASE (lbs/kWh) |
|---------------|-----------------------------------|-------------------|
| Normal | Compact Ventless Electric (240 V) | ≥ 5.5 |
| | Compact Electric (120 V) | ≥ 6.3 |
| | Electric (All Others) | ≥ 5.2 |

3) Product must meet the applicable energy performance requirements shown in the table below, in the normal program at the highest heat and dryness settings. For purposes of this requirement, the manufacturer shall test the dryer according to the provisions in the DOE test procedure in 10 CFR Part 430 Subpart B Appendix D2, but where the drying temperature setting can be chosen independently of the program, it shall be set to the maximum. At the time of certification, for each basic model the manufacturer shall report per this criteria section the energy performance (CEF), the cycle program name, the temperature setting, the dryness setting, as well as any settings enabled by default, and the time taken to complete the energy test cycle (as defined in the Test Requirements Section of the current ENERGY STAR specification).

| Cycle Setting | Product Type | CEFBASE (lbs/kWh) |
|-------------------------|-----------------------------------|-------------------|
| Normal, Maximum Dryness | Compact Ventless Electric (240 V) | ≥ 2.68 |
| | Compact Electric (120 V) | ≥ 3.80 |
| | Electric (All Others) | ≥ 3.93 |

Recognition Period

The U.S. Environmental Protection Agency will add eligible models to the ENERGY STAR Most Efficient 2024 product list for clothes dryers from January 1, 2024, through December 31, 2024. The ENERGY STAR Most Efficient 2024 designation may be used in association with models recognized during this period for as long as the model remains on the market.