



Proposed Recognition Criteria Room Air Cleaners

Scope

Included products: Room air cleaners 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:

- Air cleaners with a CADR for PM_{2.5} less than 30 or greater than 600
- Ozone generators
- Air cleaners that provide an additional function, not related to air purification, within the same housing, such as a humidifier or dehumidifier.

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 Version 2 Product Specification for Room Air Cleaners. 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 Appendix FF to Subpart B of Part 430—Uniform Test Method for Measuring the Energy Consumption of Air Cleaners.

PM _{2.5} CADR Bins	Minimum PM _{2.5} CADR/W
30 ≤ PM _{2.5} CADR < 100	5.4
100 ≤ PM _{2.5} CADR < 150	6.6
150 ≤ PM _{2.5} CADR	7.6

Recognition Period

The U.S. Environmental Protection Agency (EPA) will add eligible models to the ENERGY STAR Most Efficient 2024 product list for room air cleaners 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.