

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



OFFICE OF
AIR AND RADIATION

January 6, 2025

Dear ENERGY STAR® Room Air Cleaner Partner or Other Interested Stakeholder,

The U.S. Environmental Protection Agency (EPA) is pleased to distribute the [Final ENERGY STAR Room Air Cleaners Version 3.0 Specification](#). The EPA would like to acknowledge the ENERGY STAR stakeholders who have invested time and effort to ensure the successful completion of the Version 3.0 specification. The EPA has considered all stakeholder feedback carefully in developing this final specification. This letter summarizes the Agency's final decisions regarding these new requirements and outlines the schedule for certifying products using Version 3.0. The effective date will be October 9, 2025.

This specification revision responds to a significant increase in market share at current ENERGY STAR performance levels and enhances the value of the ENERGY STAR label to consumers by establishing criteria that deliver additional savings. In addition, this revision shifts the criteria from Smoke CADR/W (Clean Air Delivery Rate per Watt) to the PM_{2.5} CADR/W and the Integrated Energy Factor (IEF) metric referenced in the DOE test procedure and minimum standard. If all room air cleaners sold in the United States were certified to ENERGY STAR Version 3.0, annual cost savings would grow to over \$1 billion.

Since initiating the Version 3.0 ENERGY STAR specification revision for room air cleaners in September 2024, the EPA has released two drafts and held a webinar to collect feedback from stakeholders, as well as coordinated with the Department of Energy (DOE) to ensure the ENERGY STAR specification aligns with the DOE's definitions and test methods used in minimum efficiency standards.

The EPA did not receive any comments on the final draft. Stakeholder comments, the final draft, previous drafts of the specification, and all related supporting materials are available on the ENERGY STAR [Room Air Cleaner Version 3.0 Specification Development webpage](#).

Timeline and Next Steps:

To facilitate a smooth transition to the new ENERGY STAR specification version by effective date, EPA has established the following timeline:

- Effective immediately, manufacturers may elect to have their Certification Body (CB) certify their eligible products to the Version 3.0 requirements.
- On May 23, 2025, CBs will be instructed to stop certifying new product submittals to Version 2.0.
- Any room air cleaners manufactured as of October 9, 2025, must meet Version 3.0 requirements to bear the ENERGY STAR mark. All certifications of products to the Version 2.0 specification will be invalid for purposes of ENERGY STAR certification, and CBs will only submit product models certification to Version 3.0 to the EPA.

The EPA thanks stakeholders who provided feedback during the specification revision process. Please contact Leybourn.Stephen@epa.gov or (202) 934-2262 or Payal Hukeri, ICF, at Payal.Hukeri@icf.com or (703) 236-5615, with any questions or concerns about the specification.

Thank you for your continued support of the ENERGY STAR program.

Sincerely,

A handwritten signature in black ink that reads "Steve Leybourn". The signature is written in a cursive style with a large, prominent "S" at the beginning.

Steve Leybourn, Product Manager ENERGY STAR Appliances

Enclosures:

[ENERGY STAR Room Air Cleaners Version 3.0 Specification](#)

[ENERGY STAR Room Air Cleaners Version 3.0 Final Data and Analysis Package](#)