

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



OFFICE OF
AIR AND RADIATION

August 21, 2024

Dear ENERGY STAR® Dehumidifiers Stakeholders:

The U.S. Environmental Protection Agency (EPA) is pleased to distribute the [Final ENERGY STAR Version 6.0 Dehumidifiers specification](#). EPA would like to acknowledge the ENERGY STAR stakeholders who have invested time and effort to ensure the successful completion of the Version 6.0 specification. 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 qualifying products using Version 6.0. The effective date will be October 1, 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 more stringent efficiency criteria. If all dehumidifiers sold in the United States were certified to ENERGY STAR Version 6.0, annual cost savings would grow to over \$340 million and approximately 6 billion pounds of greenhouse gas emissions would be prevented each year.

Since initiating the Version 6.0 ENERGY STAR specification revision for dehumidifiers in March 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 received comments in response to the final draft specification that focused on the timing of the effective date of this specification and the scope. This included a request to delay the effective date to October 2025 to better align with the typical manufacturer development cycle for dehumidifiers. There was also feedback encouraging EPA to adjust the scope of the specification to allow products that meet the definition of 'dehumidifier' and 'consumer product' to be within scope, with no limit on capacity. EPA made adjustments in the final specification consistent with both of these requests. Finally, there was a new concern shared about the proposed refrigerant reporting requirement. Stakeholder comments, the final draft, previous drafts of the specification, and all related supporting materials are available on the [ENERGY STAR Dehumidifier Version 6.0 Specification Development webpage](#).

Timeline and Next Steps:

- Effective immediately, manufacturers may elect to have their Certification Body (CB) certify their eligible products to the Version 6.0 requirements.
- On March 11, 2025, CBs will be instructed to stop certifying new product submittals to Version 5.0.
- Any dehumidifiers manufactured as of October 1, 2025, must meet Version 6.0 requirements to bear the ENERGY STAR mark. All certifications of products to the Version 5.0 specification will be invalid for purposes of ENERGY STAR certification, and CBs will only submit product models certification to Version 6.0 to the EPA.

ENERGY STAR partnership as a manufacturer is limited to organizations that own and/or license a brand name under which they sell eligible products in the United States and/or Canada. Partnership is not available to original equipment manufacturers (OEMs) that do not sell directly to consumers or end users. OEMs may certify products on behalf of the ENERGY STAR brand owners/licensees; however, the brand owner must be the ENERGY STAR partner associated directly with the certified product models because only partners are authorized to use the ENERGY STAR certification mark.

The EPA thanks stakeholders who provided feedback during the specification revision process. Please contact me Steve Leybourn, EPA, at Leybourn.Stephen@epa.gov or 202-564-1191, or Payal Hukeri, ICF, at Payal.Hukeri@icf.com with questions or concerns. 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, flowing style.

Steve Leybourn, Product Manager ENERGY STAR Appliances
U.S. Environmental Protection Agency

Enclosures:

[ENERGY STAR Version 6.0 Dehumidifier Specification](#)

[ENERGY STAR Version 6.0 Dehumidifier Final Data and Analysis Package](#)

[ENERGY STAR Version 6.0 Dehumidifier Final Draft Comment Response Matrix](#)