



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

OFFICE OF
AIR AND RADIATION

November 17, 2015

Dear ENERGY STAR® Dehumidifier Brand Owner or Other Interested Party:

The U.S. Environmental Protection Agency (EPA) welcomes your input on the attached Draft 1 Version 4.0 ENERGY STAR Dehumidifier specification. EPA plans to hold a stakeholder webinar on December 3, 2015 to discuss the Draft 1 specification in greater detail. Stakeholders are encouraged to submit comments on this draft proposal to EPA no later than December 17, 2015

Background

The ENERGY STAR program helps businesses and individuals save money and protect the climate by identifying products that have superior energy efficiency. To ensure ENERGY STAR continues to serve as a differentiator in the market, EPA re-assesses product efficiency requirements as the market share of qualifying product grows. The current ENERGY STAR Version 3.0 requirements have been in effect since October 1, 2012. As of 2014, the market penetration of ENERGY STAR certified dehumidifiers is 89%. Further, market research confirms the availability of a broad range of higher-efficiency products, which offer significant energy savings over standard-efficiency products with immediate payback for consumers.

EPA is also aware of the new federal test method, Appendix X1, and is closely following the ongoing U.S. Department of Energy (DOE) federal minimum standard rulemaking effort, which bases performance levels on the new metric, Integrated Energy Factor (IEF). As the new federal standards will go into effect three years from the date of its finalization, EPA sees an interim opportunity to ensure differentiation in the dehumidifier market using the current test method, Appendix X, and Energy Factor (EF) metric.

Draft 1 Proposal

In this Draft 1 Version 4.0 specification, EPA proposes to raise the performance criteria for products in the less than 75 pints/day category to 2.00 EF. Based on an analysis of the DOE Compliance Certification Database (CCD) and ENERGY STAR Qualified Product List (QPL), this level represents top performers (22% of models) while offering consumers sufficient choice in brands, features, and capacities. EPA proposes to retain the performance level at 2.80 EF for products whose capacities are between 75 and 185 pints/day as these products represent only 1% of the entire dehumidifier market, and there is limited consumer choice at higher efficiency levels. More details regarding EPA's rationale for proposing these requirements are included in note boxes throughout the draft specification document.

Submitting Comments

Stakeholders are encouraged to provide written comments for EPA consideration to dehumidifiers@energystar.gov by **December 17, 2015**. All comments will be posted to the ENERGY STAR Product Development website unless the submitter requests otherwise.

Stakeholder Meeting

EPA plans to host a stakeholder webinar meeting on **December 3, 2015 from 1 to 3 PM ET** to discuss the Draft 1 document and address initial stakeholder comments and questions. If you'd like to participate, please register prior to the webinar at [this link](#). Stakeholders are encouraged to inform EPA of any industry events that may conflict with this proposed date.

To track EPA's progress in developing the Version 4.0 ENERGY STAR Dehumidifier specification, visit the ENERGY STAR website at www.energystar.gov/revisedspecs (click on the Dehumidifiers Version 4.0 link).

Please direct any specific questions to Abigail Daken, EPA, at Daken.Abigail@epa.gov or 202-343-9375 and Sarah Medepalli, ICF International, at Sarah.Medepalli@icfi.com or 202-677-5201. Thank you for taking the time to review this Draft 1 document. I look forward to working with you over the next several months to develop the Version 4.0 ENERGY STAR Dehumidifier specification.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Abigail Daken', written in dark ink.

Abigail Daken, Product Manager
ENERGY STAR for HVAC