

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



OFFICE OF  
AIR AND RADIATION

June 22, 2011

Dear ENERGY STAR® Dehumidifier Manufacturer or Other Interested Party:

The U.S. Environmental Protection Agency (EPA) welcomes your input on the attached Draft 2 ENERGY STAR Version 3.0 Dehumidifier specification. Stakeholders are encouraged to submit comments on this proposal to EPA no later than **July 22, 2011**.

The Draft 2 specification was developed based on comments received on the Draft 1 specification as well as subsequent stakeholder discussions and research. This review maintains a single Energy Factor (EF) level for all units rated less than 75 pints/day. Testing performed by EPA confirms that higher efficiencies are maintained at part load. Together with an adjustable humidistat control, to ensure less water is removed if needed, the larger, more efficient units become the better option for consumers.

The following key changes were made to the previous Draft 1 version:

- **Definitions:** The definitions included in Section 1 are now aligned with the Department of Energy (DOE) test procedure, 10 CFR Appendix X to Subpart B of Part 430. The whole house dehumidifier definition was also revised to provide clarity. The definition for idle mode has been removed due to the removal of the fan operation requirement previously proposed in the Draft 1 version.
- **Qualification Criteria:** The humidistat requirement has been updated to include humidifiers with remote humidistat controls. The idle mode fan operation limit proposed in conjunction with this requirement has been removed in light of information indicating few products operate a fan continuously.
- **Test Requirements:** The AHAM test method has been replaced with a reference to 10 CFR Appendix X to Subpart B of Part 430.
- **Effective Date:** The Version 3.0 is now proposed to take effect on October 1, 2012.

#### Submittal of Written Comments

Stakeholders are encouraged to submit written comments on the Draft 2 Version 3.0 specification to [dehumidifiers@energystar.gov](mailto:dehumidifiers@energystar.gov) by **July 22, 2011**. All comments will be posted to the ENERGY STAR Product Development website unless the submitter requests otherwise.

To track EPA's progress in revising the ENERGY STAR Dehumidifier specification, visit the Product Development website at [www.energystar.gov/revisedspecs](http://www.energystar.gov/revisedspecs) and click on "Dehumidifiers".

EPA appreciates the feedback received thus far on this draft proposal and looks forward to continuing to work with industry stakeholder to improve the ENERGY STAR Version 3.0 Dehumidifier specification.

Please direct any specific questions to Abigail Daken at EPA, [daken.abigail@epa.gov](mailto:daken.abigail@epa.gov) or (202) 343-9375 and Sarah Medepalli, ICF International, at [smedepalli@icfi.com](mailto:smedepalli@icfi.com) or (202) 862-1268. Thank you for your continued support of ENERGY STAR.  
Sincerely,



Abigail Daken  
U.S. Environmental Protection Agency  
ENERGY STAR HVAC Program