

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



OFFICE OF  
AIR AND RADIATION

January 23, 2004

Dear Air Cleaner Manufacturers and Other Interested Parties:

EPA welcomes your input on the following **Draft 2 ENERGY STAR®** Room Air Cleaner specification. This document outlines the criteria that each air cleaner model will need to meet to qualify for ENERGY STAR. All manufacturers and other interested parties are encouraged to review the draft specification and provide comments **by February 13, 2004**.

All stakeholder comments received on Draft 1 of the specification were reviewed and considered carefully during the development of Draft 2. In addition to minor text and format changes, the latest draft of the specification incorporates the following major additions and revisions:

- A new Partner Commitment has been added with respect to ENERGY STAR qualified room air cleaners, requiring partners to refrain from using statements made by EPA's Indoor Environments Division (IED) for purposes of endorsing the ability of the air cleaner to alleviate indoor air quality concerns. IED neither supports nor rejects health claims made by the air cleaner manufacturers. IED serves as a vehicle of information so that the consumer can make an intelligent purchasing decision when considering these product types. For purposes of this specification, and to protect the integrity of the ENERGY STAR program, this new Partner Commitment has been added.
- The specification now uses the definitions provided in the ANSI/AHAM AC-1-2002 test standard for air cleaner types.
- Air cleaners that operate without a fan motor may now qualify for ENERGY STAR provided they meet the minimum 50 CADR and 2.0 CADR/watt requirements proposed in the specification.
- Air cleaners that emit ozone as a byproduct may continue to qualify for ENERGY STAR as long as they meet UL Safety Standard 867. Ozone generators, however, continue to be excluded.
- Manufacturers must now use the CADR for dust, instead of tobacco smoke, to measure energy efficiency performance (CADR/watt).
- A new standby power requirement of  $\leq 2$  watts is proposed to address the energy consumed by secondary features. Standby power must be measured in accordance with the latest International Electrotechnical Commission (IEC) Standard 62301.

- In addition to the ENERGY STAR logo, manufacturers must now include disclaimers on product packaging, in the instruction manual, and on their Web site where ENERGY STAR qualified products are displayed. The purpose of these disclaimers is two-fold: (1) to educate the consumer about the ENERGY STAR mark and (2) to provide a clear distinction between ENERGY STAR performance and indoor air quality improvement claims made by the manufacturer.
- The effective date has been extended from January 1, 2004 to March 15, 2004 to allow manufacturers additional time to qualify and report models prior to the International Housewares Show.

Additional explanation behind EPA's decision to incorporate these changes can be found within the note boxes provided throughout the document.

The Draft 2 specification proposes an effective date of **March 15, 2004** at which time partners may begin qualifying and labeling their products as ENERGY STAR. **To meet this effective date, EPA must receive all final comments on the Draft 2 specification by February 13, 2004.** Comments should be sent to Milanga Abeysuriya, ICF Consulting, via e-mail at [mabeysuriya@icfconsulting.com](mailto:mabeysuriya@icfconsulting.com). All written comments will be posted on the ENERGY STAR Web site for review with the submitters' authorization. If manufacturers and other stakeholders have additional comments, EPA will provide subsequent Drafts as necessary to address these concerns before finalizing the specification. If no additional comments are received, EPA will assume that stakeholders support/concur with the Draft 2 specification.

Once all comments have been collected and reviewed by EPA, a Final Draft specification will be issued, along with a Draft Qualified Product Information (QPI) Form, for final review. **EPA hopes to announce the ENERGY STAR Room Air Cleaner Program at the International Housewares Show, March 20-22, 2004.**

Thank you for taking the time to review the Draft 2 specification. The exchange of ideas and information among EPA, industry, and other interested parties is critical to the success of ENERGY STAR. If you have any questions or concerns, please feel free to contact me at (202) 343-9019 or [fanara.andrew@epa.gov](mailto:fanara.andrew@epa.gov).

To track the progress of ENERGY STAR Room Air Cleaner program, visit [www.energystar.gov/productdevelopment](http://www.energystar.gov/productdevelopment) and click on "New Product Specifications in Development." Thank you for your continued interest and support of ENERGY STAR.

Sincerely,



Andrew Fanara, US EPA  
ENERGY STAR Product Development