



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

OFFICE OF
AIR AND RADIATION

July 5, 2017

Dear ENERGY STAR® Residential Ceiling Fans Brand Owner or Other Interested Party:

The U.S. Environmental Protection Agency (EPA) welcomes your input on the attached Draft 2 Version 4.0 ENERGY STAR Residential Ceiling Fans specification. EPA will hold a stakeholder webinar on July 19, 2017 to discuss the Draft 2 specification in greater detail. Stakeholders are encouraged to submit comments on this draft proposal to EPA no later than August 2, 2017.

The Draft 2 Version 4.0 specification addresses stakeholder comments on the Draft 1 specification and additional subsequent discussions. Stakeholders largely supported the proposed adoption of the Department of Energy's ceiling fan test method and efficiency metric as well as the incorporation of lighting requirements into the body of the Draft 1 specification. Through a collaborative process, EPA has arrived at several notable modifications from Draft 1 to Draft 2, which include:

- Minor updates to two definitions
- Updated minimum high-speed airflow requirements for all categories reflecting that consumer experience is based more on air speed than bulk air flow. Smaller diameter low speed small diameter (LSSD) fans will be better able to meet these requirements and be certified as ENERGY STAR.
- Updated minimum efficiency requirements that eliminate the crossover with upcoming DOE minimum efficiency standards for smaller LSSD fans.
- Exempted ceiling fans with light kits (CFLKs) shipping with ENERGY STAR certified lamps from the minimum light output requirement
- Expanded the flicker requirement to all CFLKs
- Eliminated the requirement for a hard-wired backup control and added a requirement for an alternative control path for fans using WiFi controllers.
- Updated warranty requirements, most notably now requiring a 3 year warranty for all non-lighting components, including motor driver electronics.

Further details regarding these modifications and more are included in note boxes throughout the draft specification document.

Stakeholder Meeting

EPA plans to host a stakeholder webinar meeting on **July 19, 2017 at 2 p.m. EDT** to discuss the Draft 2 document and address stakeholder comments and questions. If you'd like to participate, please register prior to the webinar [here](#). Stakeholders are encouraged to inform EPA of any industry events that may conflict with this proposed date.

Submitting Comments

Stakeholders are encouraged to provide written comments for EPA consideration to CeilingFans@energystar.gov by **August 2, 2017**. 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 Residential Ceiling Fans specification, visit the Product Development website at www.energystar.gov/revisedspecs and click on the Ceiling Fans "Version 4.0 is in development" link.

Please direct any questions to Abigail Daken at EPA, Daken.Abigail@epa.gov or 202-343-9375, and Jacob Bayus at ICF, Jacob.Bayus@icf.com or 202-791-8871. Please direct questions about the test procedure to Lucy Debutts at DOE, Lucy.Debutts@ee.doe.gov or 202-287-1604. Thank you for taking the time to review this draft specification. I look forward to working with you over the next few months.

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

Sincerely,

A handwritten signature in cursive script, appearing to read "Abigail Daken".

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