



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

OFFICE OF
AIR AND RADIATION

December 4, 2014

Dear ENERGY STAR® Ventilating Fan Manufacturer or Other Interested Party:

The U.S. Environmental Protection Agency (EPA) is pleased to share the attached Final Draft Version 4.0 ENERGY STAR® Ventilating Fan specification. The Agency appreciates the time and effort industry stakeholders have invested to contribute detailed feedback to inform the specification development process. EPA plans to finalize this Version 4.0 Ventilating Fan specification in late December 2014, with an effective date of October 1, 2015.

The Final Draft specification was developed based on comments received on the Draft 1 specification, the interim proposal released October 27, and subsequent stakeholder discussions and research. EPA received feedback specific to five areas, as discussed below.

Range Hood Scope: Many stakeholders recommended that EPA remove the limit on the range hood maximum airflow, which currently is at 500 CFM. After detailed discussions with stakeholders and research, EPA has removed the airflow limit and has replaced it with a 75 Watts limit on input power at working speed.

Bathroom and In-line Fan Efficacy: After performing extensive research and follow on discussions with stakeholders to determine if a phase-in approach was needed, EPA determined that the efficacy criteria for bathroom and in-line fans proposed in Draft 1 will provide ample consumer choice.

Installed Fan Performance: EPA has updated the installed fan performance criterion to require multi-speed fans comply only at high speed.

Installation Instruction Requirements: EPA has revised the installation instruction requirements to be more clear and easier to certify to. In light of comments on the interim proposal, EPA has concluded that further discussion will be needed to better understand how to influence installation effectively, and this Final Draft proposal contains much simpler requirements than the interim proposal. EPA looks forward to working with stakeholders in the near future to improve installation.

Lighting Requirements: Commenters mentioned that the UL 507 spray test for bath fans and the requirement that lamps be rated for damp locations are duplicative. EPA has investigated and come to agree; the requirement for safety rating for damp locations has been removed. The interim proposal also contained a change to the lighting requirements, to ensure that bulbs shipped with ENERGY STAR vent fans would perform well when installed in the fan. Upon further consideration, EPA no longer

believes this requirement is necessary to ensure consumers will have a good experience, and has removed it.

EPA addresses these and additional stakeholder comments on Draft 1 and the interim proposal in note boxes found throughout the Final Draft specification.

Submitting Comments

Stakeholders who wish to provide written comments may send them to ventilatingfans@energystar.gov by **December 19, 2014**. All comments will be posted to the ENERGY STAR Product Development website unless the submitter requests otherwise.

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

EPA shares its Partners' desire for a smooth transition from one ENERGY STAR specification version to the next, such that ENERGY STAR labeled products meet the latest requirements when they go into effect and that partners have time to transition their collateral material. With this in mind and consistent with its approach for other product categories, EPA is sharing the following timeline for ventilating fans:

- Effective upon completion of the Version 4.0 specification development process (expected December 31, 2014), manufacturers may elect to have their Certification Body (CB) certify their eligible products to the Version 4.0 requirements.
- On May 15, 2015 CBs will be instructed to stop certifying new product submittals to Version 3.0. Note, however, that existing certifications to Version 3.0 will remain valid for the purposes of ENERGY STAR qualification until October 1, 2015.
- Any product manufactured as of October 1, 2015, must meet Version 4.0 requirements to bear the ENERGY STAR mark. All certifications of products to the Version 3.0 specification will be invalid for purposes of ENERGY STAR qualification and CBs will only submit product models certified to Version 4.0 to EPA.

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 document.

Sincerely,



Abigail Daken, Product Manager
ENERGY STAR for HVAC