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



OFFICE OF AIR AND  
RADIATION

September 12, 2019

Dear ENERGY STAR® Room Air Cleaner Partner or Other Interested Stakeholder,

The U.S. Environmental Protection Agency (EPA) welcomes your input on the [ENERGY STAR Room Air Cleaners Version 2.0 Final Draft Specification](#). This draft addresses stakeholder feedback on the Draft 1 Specification and a limited topic proposal that were released in March and June 2019, respectively. The proposed effective date of this Version 2.0 Room Air Cleaners Specification is July 17, 2020.

EPA highlights key changes in the Final Draft below and provides rationale for these proposed changes in noteboxes throughout the specification. Additionally, EPA responds to comments received on other topics in the accompanying [comment response document](#).

- **On Mode Requirements** – EPA received stakeholder feedback indicating that the proposed Smoke CADR/W criteria for the lowest size bin may cause products sold at a lower price point to be unable to qualify for the ENERGY STAR label. As a result, EPA reduced the Minimum Smoke CADR/W from 2.1 to 1.9 to increase the selection of certified products that are smaller and less expensive. Stakeholders also shared concern that products with HEPA filters would not be represented in the models meeting the Version 2.0 criteria. EPA reviewed stakeholder and EPA-gathered in-store data and ENERGY STAR Retail Products Platform on-line data and concluded that a good selection of HEPA models in all size bins are eligible for the ENERGY STAR at proposed levels. Finally, EPA clarified that the rated Smoke CADR and the measured operating power be used to calculate CADR/Watt for each product.
- **Partial On Mode Requirements** – EPA received stakeholder feedback that some room air cleaner products with Wi-Fi capability require additional steps upon shipment to properly set up a network connection to the product. In order to clarify how products with Wi-Fi capability should be tested, the specification now notes that products with this capability should be tested with Wi-Fi enabled and a network connection properly configured. As a result, all products with Wi-Fi capability will be tested with it enabled and configured properly and will be eligible to receive the 1 watt network connected power allowance in Partial On Mode.
- **Reporting Requirements** – EPA expanded the information that will be reported on the ENERGY STAR certified product list to provide consumers with valuable details about the product (e.g., filter type and model number).
- **Optional Connected Criteria** – The connected criteria that EPA sought comment on separately are now included in Section 4 of the Final Draft. EPA learned through stakeholder comments that these criteria are somewhat forward looking. However, EPA believes that they provide a level playing field for partners who are interested in providing or incentivizing this functionality and has maintained the criteria as proposed. EPA responded to stakeholder feedback in the accompanying [connected criteria comment response document](#).

- **Test Method** – EPA has included additional instructions for properly configuring a network connection to ensure this is done in a repeatable manner.

Stakeholders are requested to provide any remaining comments on the Version 2.0 Final Draft Specification **no later than September 26, 2019**. Please send comments via e-mail to [roomaircleaners@energystar.gov](mailto:roomaircleaners@energystar.gov). All comments received will be posted to the [ENERGY STAR Room Air Cleaners Version 2.0 Specification Development webpage](#), unless the submitter specifically requests that his or her comments remain confidential.

Please contact [Park.Ga-Young@epa.gov](mailto:Park.Ga-Young@epa.gov) or (202) 564-1085, or Emmy Feldman, ICF, at [Emmy.Feldman@icf.com](mailto:Emmy.Feldman@icf.com) or (202) 862-1145, with any questions or concerns about the specification. For questions about the test method, please contact Stephanie Johnson, DOE, at [Stephanie.Johnson@ee.doe.gov](mailto:Stephanie.Johnson@ee.doe.gov) or (202) 287-1943. Thank you for your continued support of the ENERGY STAR program.



Katharine Kaplan, Manager  
ENERGY STAR Product Development and Program Administration

Enclosures:

[ENERGY STAR Room Air Cleaners Version 2.0 Final Draft Specification](#)  
[ENERGY STAR Room Air Cleaners Version 2.0 Draft 1 Comment Response Document](#)  
[ENERGY STAR Room Air Cleaners Version 2.0 Limited Topic Proposal Comment Response Document](#)

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