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



OFFICE OF AIR AND
RADIATION

May 2, 2023

Dear ENERGY STAR® Light Commercial HVAC Manufacturers and Other Interested Stakeholders:

With this letter, the U.S. Environmental Protection Agency (EPA) is releasing a clarification to the [ENERGY STAR Version 4.0 Light Commercial HVAC Specification](#).

Background

The ENERGY STAR Version 4.0 Light Commercial HVAC Specification was released on March 28, 2022, and a clarification of the specification was released in April 2022. The specification went into effect on January 1, 2023. On March 21, 2023, DOE issued a final rule pertaining to standards for air-cooled, three-phase, small commercial air conditioners and heat pumps and air-cooled, three-phase, variable refrigerant flow air conditioners and heat pumps. DOE notes that compliance with the amended standards established in this final rule is required on and after January 1, 2025. These final rules do not require substantive change to the ENERGY STAR specification but allow EPA to clarify existing criteria.

Summary of Changes

The purpose of this clarification is to account for DOE test standards being final and for upcoming test method compliance dates.

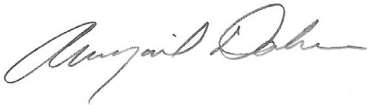
Key elements of the clarification include:

- “Proposed Appendix B1” has been changed to “Appendix F1.”
- Table 6 in the Test Requirements section now clarifies when to transition to using the updated DOE test methods. DOE requires the use of the updated test methods to show compliance with new energy conservation standards starting on January 1, 2024, for some equipment and January 1, 2025, for other equipment.
 - Table 6 includes a footnote which states "Table 1 includes guidance about the transition to updated test methods. All quantities reported to EPA shall use the same test method as the rated values reported to DOE at all times, regardless of whether they are rated values. For instance, when large CUHP are required to use Appendix D1 to rate their equipment to IEER, they shall also use Appendix D1 to measure EER for the purposes of this specification. "

EPA does not expect the transition to new test methods to require products to be recertified, but their performance may need to be updated to reflect new results.

Thank you for your continued support of the ENERGY STAR Program. If you have any questions or feedback, please direct them to Abigail Daken at EPA, Daken.Abigail@epa.gov or 202-343-9375, and Megan McNelly at ICF, Megan.McNelly@icf.com or 703-934-3726.

Sincerely,

A handwritten signature in black ink, appearing to read 'Abigail Daken', written in a cursive style.

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

Enclosures:

[ENERGY STAR Version 4.0 Light Commercial HVAC Specification Rev May 2023](#)

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