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



OFFICE OF AIR AND
RADIATION

April 3, 2023

Dear ENERGY STAR® Laboratory Grade Refrigerator and Freezer Manufacturer or Other Interested Stakeholder,

With this letter, the U.S. Environmental Protection Agency (EPA) is launching the revision of the ENERGY STAR Laboratory Grade Refrigerator and Freezer specification. To support this revision, EPA is assembling an enhanced dataset. Additional information and a template to follow.

Since the 2016 launch of this specification, more than 650 lab grade refrigerators and freezers and ultra-low lab grade freezers are currently certified. These products are from 35 different brands and are purchased by hospitals, clinics, university and government research laboratories, and pharmaceutical manufacturing plants. With growing interest among health care facilities in reducing their environmental footprint, more such facilities are seeking the best in efficiency. With the development of the Version 2.0 ENERGY STAR criteria, the program intends to recognize the significant improvements in energy efficiency that have been achieved and will continue to highlight products that make use of lower GWP refrigerants on the ENERGY STAR [Product Finder](#).

EPA will leverage the robust dataset associated with products certified to current Version 1.1 specification as a starting point when evaluating levels for the Version 2.0. However, EPA would like to give manufacturers the opportunity to provide additional data to inform the Draft 1 proposal. EPA is particularly interested in energy data for smaller ULT products as few are currently certified. Testing should be completed using the [ENERGY STAR Test Method for Laboratory Grade Refrigerators, Freezers, and Ultra-Low Temperature Freezers](#) and data should be submitted using the [test reporting template](#) to labgraderefrigeration@energystar.gov. EPA will accept data through May 24, 2023.

EPA also encourages manufacturers to contact EPA with any items that the Agency should take under consideration as we begin the development of the Draft 1, Version 2.0 proposal, including additional product types that could be added to the eligible product list and features or functionality that may impact energy use.

The exchange of ideas and information between EPA, industry, and other interested parties is critical to the success of ENERGY STAR. Your input is valuable during this specification development process. All EPA correspondence and specification documents will be posted throughout the specification development process to the ENERGY STAR Laboratory Grade Refrigerator and Freezer Specification Development [webpage](#).

Please contact me at Fogle.Ryan@epa.gov or 202-343-9153 or John Clinger, ICF, at John.Clinger@icf.com or 215-967-9407 with questions or concerns. Please direct any questions on the finalized test method to Bryan Berringer, DOE, at Bryan.Berringer@ee.doe.gov, or 202-586-0371. For any other laboratory grade refrigerator or freezer related questions, please contact labgraderefrigeration@energystar.gov. Thank you for your continued support of the ENERGY STAR program.

Sincerely,



Ryan Fogle
EPA Manager, ENERGY STAR for Laboratory Grade Refrigerator and Freezer Products

For more information, visit: www.energystar.gov

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