

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



OFFICE OF  
AIR AND RADIATION

November 7, 2016

Dear Laboratory Grade Refrigerator and Freezer Manufacturer or Other Interested Party:

With this letter, the U.S. Environmental Protection Agency (EPA) is sharing the Final Draft Version 1.0 ENERGY STAR® Laboratory Grade Refrigerator and Freezer specification. EPA would like to acknowledge the stakeholders who have invested time and effort to contribute feedback and data that will enable us to launch this new product category.

**Final Draft Highlights**

The Final Draft broadly maintains the efficiency criteria proposed in Draft 3 for high performance and general purpose laboratory grade refrigerators and freezers, with one minor edit for smaller volume general purpose freezers that does not alter ENERGY STAR product availability. The minor adjustment aligns the stringency of the Maximum Daily Energy Consumption (MDEC) requirements for freezers under 30 cubic feet with those of similarly sized refrigerators as the product types show a comparable opportunity for efficiency improvements.

**Ultra Low Temperature Freezers (ULTs)**

EPA has recently received a batch of energy performance data for ULTs, generated using the finalized [ENERGY STAR Laboratory Grade Refrigerators and Freezers Test Method](#). EPA intends to develop a Version 1.1 revision in 2017 to add them into scope along with appropriate energy efficiency criteria.

**Comment Submittal**

Any final comments may be sent to [labgraderefrigeration@energystar.gov](mailto:labgraderefrigeration@energystar.gov) no later than November 23, 2016. All comments received will be posted to the ENERGY STAR Product Development website unless the submitter requests otherwise. EPA intends to finalize this specification in December 2016. Products will be eligible for certification any time after the specification is final.

Starting November 11, 2016, I will be on a 3 month assignment with another EPA program. During my absence, please feel free to contact John Clinger, ICF International, at [John.Clinger@icfi.com](mailto:John.Clinger@icfi.com), or 215-967-9407, or Katharine Kaplan at [Kaplan.Katharine@epa.gov](mailto:Kaplan.Katharine@epa.gov) or 202-343-9120. Please direct any questions on the test method to Bryan Berringer, DOE, at [Bryan.Berringer@ee.doe.gov](mailto:Bryan.Berringer@ee.doe.gov), or 202-586-0371.

Thank you for your continued support of ENERGY STAR.

Sincerely,

A handwritten signature in black ink, appearing to read "Melissa J. Felt".

Melissa Fiffer,  
ENERGY STAR Product Manager  
Laboratory Grade Refrigerators and Freezers