

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



OFFICE OF
AIR AND RADIATION

July 16, 2014

Dear Laboratory Grade Refrigerator and Freezer Brand Owners or Other Interested Party:

The U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE) are pleased to share with you the Final Test Method for Laboratory Grade Refrigerators and Freezers.

Key Elements of the Final Test Method

This final test method is informed by stakeholder comments and analysis of data from a DOE technology demonstration project.

The Final Test Method incorporates the following minor modifications from the previous Final Draft Test Method:

1. Removed the definition for “Variable Defrost” and updated the definition for “Automatic Defrost.”
2. Updated the temperature measurement device (TMD) requirements

Data Assembly

EPA is interested in continuing to assemble data on laboratory grade refrigerator and freezer energy performance and temperature uniformity, to enhance EPA’s existing dataset. Data from all product sub-types would be appreciated, but to date, EPA has not had access to any data on non-general use models nor units operating below -30°C.

Later this summer, EPA will distribute a first draft of the efficiency criteria for laboratory grade refrigerators and freezers. EPA will propose efficiency criteria for those product types for which we have performance data from the DOE established test procedure. For those product classes where we have insufficient data to propose levels, EPA may either remove them from product scope or place “TBDs” with expectations that stakeholder supplied performance data is forthcoming. Please use the posted Test Reporting Template to provide data on product energy performance using this Final Test Method.

All official EPA correspondences and specification documents will be posted throughout the specification development process to the ENERGY STAR Product Development Web page at www.energystar.gov/newspecs. In addition, all written comments received by EPA will be posted to the product specific web page unless requested otherwise by the submitter

The exchange of ideas and information between EPA, industry, and other interested parties is critical to the success of ENERGY STAR. Your input is very valuable during this specification development process.

Please feel free to contact me at (202) 343-9046 and kent.christopher@epa.gov or John Clinger, ICF International, at (215) 967-9407 or john.clinger@icfi.com with any questions or comments regarding the specification development process or the data assembly. For questions relating to the test method, please contact Bryan Berringer at (202) 586-0371 or bryan.berringer@ee.doe.gov

Thank you for your continued support of ENERGY STAR. I look forward to working with you during the specification development process.

Sincerely,

A handwritten signature in black ink that reads "Christopher Kent". The signature is written in a cursive style with a large initial "C" and a long horizontal stroke at the end.

Christopher Kent, Product Manager
ENERGY STAR for Laboratory Grade Refrigerators and Freezers