

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



OFFICE OF
AIR AND RADIATION

March 20, 2013

Dear ENERGY STAR[®] Residential Refrigerator and Freezer Manufacturers and Other Interested Parties:

The U.S. Environmental Protection Agency (EPA) is pleased to share with you the following:

- ENERGY STAR Final Draft Version 5.0 Residential Refrigerator and Freezer Specification
- Comment Response Summary to the Draft 3 Version 5.0 Specification
- ENERGY STAR Final Draft Test Method to Validate Demand Response

EPA would like to acknowledge the ENERGY STAR stakeholders who have invested time and effort over the past several months to ensure the successful completion of the Version 5.0 specification. This specification will take effect on March 1, 2014.

Scope of Changes

This Final Draft specification reflects feedback EPA has received on three previous draft specifications and represents extensive engagement with a wide range of stakeholders and thoughtful consideration of their interests throughout a two year process. The Final Draft Version 5.0 specification includes the below changes to the residential refrigerators and freezer requirements:

- Minor edits to the definitions of compact refrigerator/refrigerator-freezer/freezer and electric refrigerator-freezer to harmonize the definitions with the 2014 federal standard definitions.
- Freezers are retained with efficiency criteria of 10 percent more efficient than the 2014 federal standard.
- A modest adjustment to the level for built-in products, requiring models in these product classes to be at least 10 percent more efficient than the 2014 federal standard.
- For product classes with automatic icemakers, EPA has amended the levels in the Final Draft such that ENERGY STAR levels are based on the baseline energy consumption. In doing so, EPA is harmonizing with DOE's approach, which the Agency believes is technically sound as the ENERGY STAR levels are tied to the DOE standards.
- Minor edits to Section 3C to conform to 10 CFR 430.32(a).
- Modifications reflecting a more flexible approach to the "connected" requirements that stresses interoperability and the use of open standards but allows for multiple paths of implementation. The Agency believes it is ultimately in the consumer's interest for the market to be free to test a range of options, constrained only by the consumer-oriented objectives the ENERGY STAR program is seeking to advance such as consumer control.

Written Comments

Any final comments may be submitted to appliances@energystar.gov by **April 12, 2013**. All comments will be posted to the ENERGY STAR Product Development web site unless the submitter requests that their comments remain confidential. The exchange of ideas and information between EPA, industry, and

other interested parties is critical to the success of ENERGY STAR. To track EPA's progress in revising the ENERGY STAR Refrigerator/Freezer specification and to review comments, please visit the Product Development Web site at www.energystar.gov/RevisedSpecs and click on "Refrigerators/Freezers."

Third-Party Certification

Manufacturers are reminded that as of January 1, 2011, all new products must be certified by an EPA-recognized Certification Body (CB) before being labeled and marketed as ENERGY STAR. Upon satisfactory completion of all certification requirements, a CB will notify the ENERGY STAR Partner that the product is ENERGY STAR qualified and will submit qualified product data to EPA for listing on the ENERGY STAR website. For more information on the Third-party Certification program please visit www.energystar.gov/3rdpartycert.

Thank you for your continued support of the ENERGY STAR program. Stakeholder participation is critical to developing a meaningful specification and to the overall success of ENERGY STAR. Please direct any questions on the specification to Katharine Kaplan, EPA, at Kaplan.Katharine@epa.gov or 202-343-9120 or Ryan Fogle, D&R International, at rfogle@drintl.com or (301) 588-9387. Please direct questions on the test method to Lucas Adin, DOE, at Lucas.Adin@ee.doe.gov or (202) 287-1317.

Thank you for your continued support of ENERGY STAR.

Sincerely,

A handwritten signature in cursive script that reads "Katharine Kaplan".

Katharine Kaplan
Manager, ENERGY STAR Product Development and Program Administration