

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



OFFICE OF AIR AND
RADIATION

March 22, 2022

Dear ENERGY STAR® Commercial Refrigeration Equipment Partners and Other Interested Stakeholders:

The U.S. Environmental Protection Agency (EPA) is pleased to share the [Final Version 5.0 ENERGY STAR Commercial Refrigerators and Freezers](#) product specification. EPA would like to thank the many stakeholders who have invested time and resources in an effort to contribute feedback that has informed this specification revision process.

The Version 5.0 requirements will become effective on **December 22, 2022**. ENERGY STAR certified commercial refrigerators and freezers under the Version 5.0 specification will offer consumers, on average, energy savings of up to 24 percent. This specification establishes updated performance levels for a subset of product classes previously in scope, expands scope to include service over the counter and chef base classes, and aligns with current industry test methods, terms, and definitions. If all commercial refrigerators and freezers sold in the United States were ENERGY STAR certified to Version 5.0, the energy cost savings would grow to more than \$200 million each year and more than 5 billion pounds of greenhouse gas emissions would be prevented.

This specification was developed through a process that included release of a discussion guide, a draft specification, and the final draft specification, three webinars, stakeholder meetings, and additional input from various industry stakeholders including manufacturers, utilities, and affiliated groups. Stakeholder comments, previous drafts of the specification, and related materials are available on the [commercial refrigerators and freezers product development webpage](#).

Comments received on the final draft and responses can be found in the accompanying [comment response document](#). No changes were made from the final draft to the final specification that impact scope of eligible products or certification criteria under Sections 2 and 3, respectively. In response to a stakeholder request, EPA revised the ENERGY STAR definition for doors to include drawers. EPA has adopted Department of Energy's (DOEs) definition for doors, which subsumes drawers, and includes it under Section 1.A.23. For additional clarity, the words 'Doors or Drawers' are removed from the chef base section in Table 1.

Timeline and Next Steps:

EPA shares partners' desire for a smooth transition from one ENERGY STAR specification to the next, so that consumers can expect ENERGY STAR labeled products to fully meet the latest requirements upon their effective date. With this in mind, EPA has established the following timeline:

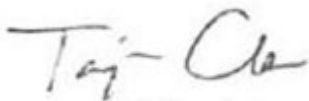
- Effective immediately, manufacturers may elect to have their Certification Body (CB) certify their eligible products to the Version 5.0 requirements.
- On August 6, 2022 CBs will be instructed to stop certifying new product submittals to Version 4.0. Note, however, that existing certifications will remain valid for purposes of ENERGY STAR certification until December 22, 2022.
- Any commercial refrigeration products manufactured as of December 22, 2022, must meet Version 5.0 requirements to bear the ENERGY STAR mark. All certifications of products to the Version 4.0 specification will be invalid for purposes of ENERGY STAR certification and CBs will only submit product models certified to Version 5.0 to EPA.

ENERGY STAR partnership as a manufacturer is limited to organizations that own and/or license a brand name under which they sell eligible products in the United States and/or Canada. Partnership is not available to original equipment manufacturers (OEMs) that do not sell directly to consumers or end users. OEMs may certify products on behalf of the ENERGY STAR brand owners/licensees; however, the brand owner must be the ENERGY STAR partner associated directly with the certified product models, since only partners are authorized to use the ENERGY STAR certification mark.

EPA thanks stakeholders who provided feedback during the specification revision process and looks forward to working with you as you certify and market your energy-efficient commercial refrigerators and freezers. If you have any questions or concerns about the specification or partnership process, please contact me at Crk.Tanja@epa.gov or 202-650-7522 and Adam Spitz at Adam.Spitz@icf.com or 916-231-7685 with questions or concerns. For any other commercial refrigerators or freezers related questions, please contact cfs@energystar.gov.

Thank you for your continued support of ENERGY STAR.

Best Regards,



Tanja Crk, Product Manager
ENERGY STAR Commercial Food Service

Enclosures:

[ENERGY STAR Version 5.0 Commercial Refrigerators and Freezers Final Specification](#)
[ENERGY STAR Version 5.0 Commercial Refrigerators and Freezers Final Draft Comment Matrix](#)
[ENERGY STAR Version 5.0 Commercial Refrigerators and Freezers Final Data Packet](#)