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



OFFICE OF AIR AND  
RADIATION

November 21, 2022

Dear ENERGY STAR® Commercial Refrigerator and Freezer and Other Interested Stakeholders:

With this letter, the U.S. Environmental Protection Agency (EPA) is notifying stakeholders of the Agency's intention to allow the use of a new safety standard when certifying products to the ENERGY STAR Version 5.0 Commercial Refrigerators and Freezers specification. The update is the result of the completion of a new safety standard, UL/CSA 60335-2-89, that will ultimately replace UL 471, referenced in the ENERGY STAR specification. Specifically, for the purposes of ENERGY STAR certification, commercial refrigerators and freezers shall be in compliance with UL/CSA 60335-2-89 standard testing and/or UL471 until the UL/CSA 60335-2-89 effective date, September 29, 2024, at which time, only UL/CSA 60335-2-89 will be accepted for certification. The updated specification can be found [here](#). Further, these changes do not impact current Version 5.0 and Version 4.0 certification status for the commercial refrigerator and freezer category.

Regarding Alternative Efficiency Determination Methods (AEDMs), the EPA supports ENERGY STAR certification of products, including commercial refrigerators and freezers, through an AEDM per [10 CFR 429.42\(2\)](#). It is EPA's expectation that *verification* test sample(s) be procured and tested according to the test method listed in the current specification.

If you have comments or questions regarding this update, please contact me at 202-650-7522 and [Crk.Tanja@epa.gov](mailto:Crk.Tanja@epa.gov) or Adam Spitz, ICF, at 916-231-7685 and [Adam.Spitz@icf.com](mailto:Adam.Spitz@icf.com). Unless concerns are raised, EPA will finalize and post the updated specification on December 1, 2022.

Thank you for your continued support of ENERGY STAR.

Best Regards,

Tanja Crk, Product Manager  
ENERGY STAR Commercial Food Service

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