



February 18, 2019

INDUSTRY FILE REVIEW – EFFECTIVE DATE EXTENSION PROPOSAL

TO: Subscribers to UL’s Certification Services under the Household And Similar Electrical Appliances - Safety - Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers, UL 60335-2-40

SUBJECT: Industry File Review – Effective Date Extension Proposal

This Bulletin is to advise subscribers of an effective date extension proposal for the ongoing Industry File Reviews (IFR) under **UL 60335-2-40, Household And Similar Electrical Appliances - Safety - Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers, Edition: 2, Issue Date: 2017-09-15.**

UL recently received a letter from AHRI requesting a change to the Effective Dates for UL Standard 1995 and CSA Standard C22.2 No. 236 due to immutable regulatory requirements. UL Standard 1995 and CSA Standard C22.2 No. 236 are currently scheduled to sunset on November 16, 2022 and November 30, 2022, respectively. Upon withdrawal of these standards, the latest versions of the bi-national UL/CSA Standard 60335-2-40 become effective. Furthermore, new Listings or changes after November 2020 are mandated to use UL/CSA 60335-2-40.

The Department of Energy (DOE) has published new requirements that will take effect within the same timeframe as the UL/CSA Standard 60335-2-40. DOE’s Central Air Conditioning and Heat Pump Energy Conservation Standard implementation date follows approximately four to six weeks after the scheduled UL/CSA 60335-2-40 transition dates. DOE’s new Energy Conservation Standards affect Unitary Large (ULE) and Small (USE) Equipment products starting January 1, 2023. Therefore, in addition to meeting the codes and standards requirements, manufacturers must also redesign products, amend literature, update all regulatory certification requirements and educate their distributors and customers about the change by January 1, 2023. The DOE has also new energy efficiency requirements for chillers beginning January 1, 2024

From a DOE perspective, the current minimally compliant USE and ULE products can be legally produced up to and including December 31, 2022. However, the UL and CSA withdrawal dates create a gap, where the DOE-compliant equipment produced in November and December of 2022 (which are all currently approved to the bi-national UL 1995 and CSA C22.2 No. 236) will not be certified to newly applicable safety standards. Therefore, the products that could otherwise be built and sold between November 16, 2022 and December 31, 2022 (from a DOE perspective) will not be able to be manufactured, sold and installed legally due to the sunset date of existing safety standards.

In addition to the efficiency requirement changes for USE, ULE, and chillers California Air Resources Board (CARB) has adopted legislation that prohibits the use of high-GWP HFCs refrigerants for USE and ULE equipment effective January 1, 2023 and chillers effective January 1, 2024. Minor changes to chiller products after November 2020 present a disproportionate burden because manufacturers would be forced to recertify to UL/CSA Standard 60335-2-40, for approximately one year of production. Harmonizing the effective date of the refrigerant mandate with the safety standards will have no detrimental impact on the safety of the equipment and will avoid unnecessary costs or stranded equipment. Furthermore, there are

additional pending changes by the DOE in this time frame for Unitary Large Equipment minimum efficiency, VRF equipment minimum efficiency, and other test procedures that warrant a single conversion date.

Therefore UL is proposing a **new Effective Date of January 1, 2024** in order to allow the manufacturers the necessary time needed for the multiple items stated within this letter. UL is seeking your feedback on this proposal and has established a **4 week comment period to receive subscriber feedback ending on March 15, 2019**.

Should you have any questions about this bulletin please contact Gary Johnson, Gary.R.Johnson@UL.com, 631-546-2985.

Sincerely

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