

UNDERWRITERS LABORATORIES INC. CERTIFICATION REQUIREMENT DECISION

This Certification Requirement Decision is prepared by UL LLC. It is normative for the applicable UL Product Certification Program(s); however, it is currently not part of the UL Standard(s) referenced below.

Product Category (CCN): LZFE, LZPG, ACKZ, ACOT, ACVS, AFFT

Standard Number: UL 60335-2-40

Standard Title: Standard for Household and Similar Electrical Appliances, Part 2:
Particular Requirements for Electrical Heat Pumps, Air-Conditioners and
Dehumidifiers

Edition Date: September 15, 2017

Edition Number: 2

Section / Paragraph Reference: Several

Subject: Corrections to clarify requirements and to address differences between IEC requirements and NFPA 70 allowed constructions

DECISION:

This is also applicable to the first edition dated November 30, 2012.

Decision 3:

13.3DV Modification of Clause 13.3 of the part 1 to add the following:

A DC potential equivalent to 1.414 times the test voltage specified in Table 4 may be applied.

16.3DV Modification of Clause 16.3 of the part 1 to add the following:

A DC potential equivalent to 1.414 times the test voltage specified in Table 7 may be applied.

RATIONALE FOR DECISION:

This Certification Requirement Decision (CRD) is to clarify that the Electric Strength may be conducted by an equivalent DC method. The DC method is conducted at 1.414 times the test voltage, this factor is used to determine the peak value of the rms waveform for the test voltages as specified in tables 4 and 7.

The DC test method was previously approved by the STP for legacy standards UL 1995 and UL 484 and is approved in the Standard for Safety For Automatic Electrical Controls – Part 1: General Requirements, UL 60730-1 ed. 5. The wording is based on UL 60730-1 Table 12 Note 1.

Copyright © 2018 UL LLC

UL LLC, in performing its functions in accordance with its objectives, does not guarantee or warrant the correctness of Certification Requirement Decisions it may issue or that they will be recognized or adopted by anyone. Certification Requirement Decisions are the opinion of UL LLC. in practically applying the requirements of the standard. They do not represent formal interpretations of the standard under American National Standards Institute (ANSI) processes. UL LLC shall not be responsible to anyone for the use of or reliance upon Certification Requirement Decisions by anyone. UL LLC shall not incur any obligation or liability for damages, including consequential damages, arising out of or in connection with the use or reliance upon Certification Requirement Decisions. The electronic version of the Certification Requirement Decision is the current version and previously printed copies may be outdated.

**UL COPYRIGHTED MATERIAL –
NOT AUTHORIZED FOR FURTHER REPRODUCTION OR
DISTRIBUTION WITHOUT PERMISSION FROM UL**



Documents

Document Sharing Hub

This document is published as a service to UL's certification customers

UL COPYRIGHTED MATERIAL –
NOT AUTHORIZED FOR FURTHER REPRODUCTION OR
DISTRIBUTION WITHOUT PERMISSION FROM UL



Documents

Document Sharing Hub