

STANDARD INFORMATION

Standard Number: UL 60335-2-40 / CSA-C22.2 No. 60335-2-40

Standard Name: Household and Similar Electrical Appliances, Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers

Standard Edition and Issue Date: 1st edition Dated November 30, 2012

Date of Revision: May 15, 2017

Date of Previous Revision of Standard: 1st edition Dated November 30, 2012

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **November 16, 2020**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: A review of all Listing Reports is necessary to determine which products comply with new/revise requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revise requirements.

Overview of Changes: The alleged root cause of the recent fires and CPSC recalls is the loss of charge and inadequate ventilation of the compressor. For compressor enclosures which may be inadequately ventilated, refrigerant loss test, endurance requirement for self-resetting protective devices, and polymeric material flammability requirement are newly added. Specific details of new/revise requirements are found in table below.

If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).

Client Action Required:

Information – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revise paragraphs noted in the attached or explain why these new/revise requirements do not apply to your product (s).

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



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| CLAUSE | VERDICT | COMMENT |
|-------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 19.102DV | | Refrigerant Loss Test; A test has been added to simulate the loss of refrigerant charge. The dehumidifier is to be operated with 0 and 25% refrigerant charge, and temperatures are to be monitored as in the T-P test. |
| 22.112DV.18 | | Self-resetting protective devices which cycle during 19.102DV shall be rated for at least 100,000 cycles for line break devices and 5,000 cycles for non-line break. |
| 30.2.3DV | | For appliances in which the compressor is enclosed in a non-metallic enclosure which may be inadequately ventilated, polymeric materials of the enclosure and components within the enclosure shall be classified V-0 or higher according to IEC 60695-11-10. |
| | | CUSTOMERS PLEASE NOTE: This Table and column “Verdict” can be used in determining how your current or future production is or will be in compliance with new/revised requirements. |