

CSA R7008:19

(reaffirmed 2024)



Sustainability standard for household dehumidifier appliances



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Second Edition



CSA Group
CSA R7008:19
Second Edition



Underwriters Laboratories Inc.
UL 7008
Second Edition

Sustainability Standard for Household Dehumidifier Appliances

March 12, 2019

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Preface

This is the second edition of AHAM 7008/CSA R7008/UL 7008, Sustainability standard for household dehumidifier appliances. This is a consensus document; it will be processed in accordance with procedures accredited by ANSI and SCC with the intent of being published as a consensus document.

This harmonized standard was prepared by the Association of Home Appliance Manufacturers, (AHAM), CSA Group and Underwriters Laboratories Inc. (UL). The efforts and support of the Technical Harmonization Committee are gratefully acknowledged.

This standard was reviewed by the CSA Technical Committee on Sustainability of Household Appliances, under the jurisdiction of the CSA Strategic Steering Committee on Business Management and Sustainability, and has been formally approved by the CSA Technical Committee.

The environmental performance of dehumidifier appliances is commonly evaluated on the environmental attributes of electricity consumption during use. This Standard takes a broader, multi-attribute, and more holistic approach to assessing the environmental impacts of dehumidifier appliances. The multi-attribute approach was developed using life-cycle assessment (LCA) information along with other key factors such as hot-spot or hot-button analyses influencing product environmental performance. This approach, detailed in Annex A, determined the environmental attributes of dehumidifier appliances for inclusion in this Standard.

All parties have agreed that this Standard will be updated at the time a new U.S. Department of Energy or Natural Resources Canada minimum energy standard change occurs or within five years from the date the AHAM-CSA Group-UL Preliminary Requirements Standard is published. Many of the measurements included within this Standard are unique and have not been conducted on other appliance categories. The Task Force that drafted this Standard expects to learn much from the application of this first edition in the coming years. The use of this Standard, self-assessment by dehumidifier manufacturers, and external third-party assessment will be used to improve the Standard in drafting the second and subsequent editions.

This Standard was written specifically for products placed on the market in the United States and Canada. At the present time, a number of the calculations are based on systems specific to North America.

This Standard was prepared by the Task Force on AHAM-CSA Group-UL Sustainability Standard for Household Dehumidifier Appliances, under the jurisdiction of the AHAM Major Appliance Engineering Council, CSA Strategic Steering Committee on Business Management and Sustainability, CSA Technical Committee on Sustainability of Household Appliances, and UL Environment.

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1) Use of the singular does not exclude the plural (and vice versa) when the sense allows.

2) Although the intended primary application of this Special Publication is stated in its Preface, it is important to note that it remains the responsibility of the users of this Special Publication to judge its suitability for their particular purpose.