



UL 60335-2-68

STANDARD FOR SAFETY

Household and Similar Electrical Appliances – Safety – Part 2-68: Particular Requirements for Spray Extraction Machines, for Commercial Use

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UL Standard for Safety for Household and Similar Electrical Appliances – Safety – Part 2-68: Particular Requirements for Spray Extraction Machines, for Commercial Use, UL 60335-2-68

First Edition, Dated May 8, 2020

Summary of Topics

This revision of ANSI/UL 60335-2-68 dated December 3, 2021 includes changes in requirements for Type SJ Cord for Commercial Spray Extraction Machines; [25.7DV.2](#).

This standard is an adoption of IEC 60335-2-68, Edition 4, published by the IEC March 2012 and its amendment 1, published April 2016. Please note that the national difference document incorporates all of the U.S. national differences for UL 60335-2-68.

Text that has been changed in any manner or impacted by UL's electronic publishing system is marked with a vertical line in the margin.

The revised requirements are substantially in accordance with Proposal(s) on this subject dated July 30, 2021.

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CSA Group
CSA C22.2 No. 60335-2-68:20
First Edition
(IEC 60335-2-68:2012+A1:2016, MOD)



Underwriters Laboratories Inc.
UL 60335-2-68
First Edition

Household and Similar Electrical Appliances – Safety – Part 2-68: Particular Requirements for Spray Extraction Machines, for Commercial Use

May 8, 2020

(Title Page Reprinted: December 3, 2021)

This national standard is based on publication IEC 60335-2-68, Edition 4.1 (edition 4:2012 consolidated with Amendment 1:2016).

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ANSI/UL 60335-2-68-2021



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This ANSI/UL Standard for Safety consists of the First Edition including revisions through December 3, 2021.

The most recent designation of ANSI/UL 60335-2-68 as an American National Standard (ANSI) occurred on December 3, 2021. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page (front and back), or the Preface. The National Difference Page and IEC Foreword are also excluded from the ANSI approval of IEC-based standards.

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PREFACE

This is the harmonized CSA Group and UL standard for Household and Similar Electrical Appliances – Safety – Part 2-68: Particular Requirements for Spray Extraction Machines, for Commercial Use. It is the first edition of CSA C22.2 No. 60335-2-68, and the first edition of UL 60335-2-68. This edition of CSA C22.2 No. 60335-2-68 replaces CAN/CSA-E60335-2-68:01 (adopted IEC 60335-2-68:1996), Safety of Household and Similar Electrical Appliances – Part 2: Particular Requirements for Spray Extraction Appliances, for Industrial and Commercial Use. This harmonized standard has been jointly revised on December 3, 2021. For this purpose, CSA Group and UL are issuing revision pages dated December 3, 2021.

This harmonized standard is based on IEC Publication 60335-2-68: Fourth edition, Household and Similar Electrical Appliances – Safety – Part 2-68: Particular Requirements for Spray Extraction Machines, for Commercial Use, issued March 2012, as revised by Amendment 1, issued April 2016. IEC 60335-2-68 is copyrighted by the IEC.

This harmonized standard was prepared by CSA Group and Underwriters Laboratories Inc. (UL). The efforts and support of the Technical Harmonization Committee, 335K are gratefully acknowledged.

This standard is considered suitable for use for conformity assessment within the stated scope of the standard.

This standard was reviewed by the CSA Subcommittee on Electrical Motor and Battery-Operated Cleaning Appliances for Industrial and Commercial Use, under the jurisdiction of the CSA Technical Committee on Consumer and Commercial Products and the CSA Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the CSA Technical Committee. This standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

Application of Standard

Where reference is made to a specific number of samples to be tested, the specified number is to be considered a minimum quantity.

Note: Although the intended primary application of this standard is stated in its scope, it is important to note that it remains the responsibility of the users of the standard to judge its suitability for their particular purpose.

CSA C22.2 No. 60335-2-68 is to be used in conjunction with the First edition of CAN/CSA-C22.2 No. 60335-1. The requirements for spray extraction machines for commercial use are contained in this Part 2 Standard and CAN/CSA-C22.2 No. 60335-1. Requirements of this Part 2 Standard, where stated, amend the requirements of CAN/CSA-C22.2 No. 60335-1. Where a particular subclause of CAN/CSA-C22.2 No. 60335-1 is not mentioned in CSA C22.2 No. 60335-2-68, the CAN/CSA-C22.2 No. 60335-1 subclause applies.

UL Standard 60335-2-68 is to be used in conjunction with the Fifth edition of UL 60335-1. The requirements for spray extraction machines for commercial use are contained in this Part 2 Standard and UL 60335-1. Requirements of this Part 2 Standard, where stated, amend the requirements of UL 60335-1. Where a particular subclause of UL 60335-1 is not mentioned in UL 60335-2-68, the UL 60335-1 subclause applies.

Level of Harmonization

This standard adopts the IEC text with national differences.

This standard is published as an equivalent standard for CSA Group and UL.

An equivalent standard is a standard that is substantially the same in technical content, except as follows: Technical national differences are allowed for codes and governmental regulations as well as those recognized as being in accordance with NAFTA Article 905, for example, because of fundamental climatic, geographical, technological, or infrastructural factors, scientific justification, or the level of protection that the country considers appropriate. Presentation is word for word except for editorial changes.

All national differences from the IEC text are included in the CSA Group and UL versions of the standard. While the technical content is the same in each organization's version, the format and presentation may differ.

Reasons for Differences From IEC

Differences from the IEC are being added in order to address safety and regulatory situations present in the US and Canada.

Interpretations

The interpretation by the standards development organization of an identical or equivalent standard is based on the literal text to determine compliance with the standard in accordance with the procedural rules of the standards development organization. If more than one interpretation of the literal text has been identified, a revision is to be proposed as soon as possible to each of the standards development organizations to more accurately reflect the intent.

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NATIONAL DIFFERENCES

National Differences from the text of International Electrotechnical Commission (IEC) Publication 60335-2-68, *Household and similar electrical appliances – Safety – Part 2-68: Particular requirements for spray extraction machines, for commercial use*, copyright 2016, are indicated by notations (differences) and are presented in bold text. The national difference type is included in the body.

There are five types of National Differences as noted below. The difference type is noted on the first line of the National Difference in the standard. The standard may not include all types of these National Differences.

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FOREWORD

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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This Consolidated version of IEC 60335-2-68 bears the edition number 4.1. It consists of the fourth edition (2012-03) [documents 61J/490/FDIS and 61J/499/RVD] and its amendment 1 (2016-04) [documents 61J/629/FDIS and 61J/639/RVD]. The technical content is identical to the base edition and its amendment.

This Final version does not show where the technical content is modified by amendment 1. A separate Redline version with all changes highlighted is available in this publication.