



UL 60335-2-34

STANDARD FOR SAFETY

Household and Similar Electrical Appliances –
Safety – Part 2-34: Particular Requirements for
Motor-Compressors

UL Standard for Safety for Household and Similar Electrical Appliances – Safety – Part 2-34: Particular Requirements for Motor-Compressors, UL 60335-2-34

Sixth Edition, Dated November 3, 2017

Summary of Topics

The following is the Sixth Edition of ANSI/UL 60335-2-34, the common CSA Group and UL (binational) standard that is an adoption of IEC 60335-2-34, Safety Standard for of Household and Similar Electrical Appliances – Safety – Part 2-34: Particular Requirements for Motor-Compressors (IEC 60335-2-34, Edition 5.2:2016.)

The new requirements are substantially in accordance with Proposal(s) on this subject dated March 24, 2017 and July 7, 2017.

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Household and Similar Electrical Appliances – Safety – Part 2-34: Particular Requirements for Motor-Compressors

November 3, 2017

This national standard is based on publication IEC 60335-2-34, Edition 5.2:2016 (Edition 5:2012 consolidated with amendment 1:2015 and its corrigendum 1:2015, and amendment 2:2016).



ANSI/UL 60335-2-34-2017

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This ANSI/UL Standard for Safety consists of the Sixth Edition. The most recent designation of ANSI/UL 60335-2-34 as an American National Standard (ANSI) occurred on November 3, 2017. 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 particular requirements for motor-compressors. It is the second edition of CAN/CSA-C22.2 No. 60335-2-34, and the sixth edition of UL 60335-2-34. This edition of CAN/CSA-C22.2 No. 60335-2-34 supersedes the previous edition published on March 22, 2013. This edition of UL 60335-2-34 supersedes the previous edition published on March 22, 2013.

This harmonized standard is based on IEC Publication 60335-2-34: Edition 5.2, Household and Similar Electrical Appliances – Safety – Part 2-34: Particular Requirements for Motor-Compressors, issued November 2016. IEC 60335-2-34 is copyrighted by the IEC.

This harmonized Standard was prepared by CSA Group and Underwriters Laboratories Inc. (UL). The efforts and support of the motor-compressor manufacturing industry 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 Household Appliances for Refrigeration, 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 was also reviewed and approved by UL's Standards Technical Panel for Heating and Cooling Equipment – Particular Requirements for Motor-Compressors, STP 60335-2-34.

This Standard has been approved as a National Standard of Canada by the Standards Council of Canada (SCC) and approved by the American National Standards Institute (ANSI) for publication as an American National Standard.

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.

CAN/CSA-C22.2 No. 60335-2-34 is to be used in conjunction with the second edition of CAN/CSA-C22.2 No. 60335-1:16. The requirements for motor-compressors are contained in this Part 2 Standard and CAN/CSA-C22.2 No. 60335-1:16. Requirements of this Part 2 Standard, where stated, amend the requirements of CAN/CSA-C22.2 No. 60335-1:16. Where a particular subclause of CAN/CSA-C22.2 No. 60335-1:16 is not mentioned in CAN/CSA-C22.2 No. 60335-2-34, the CAN/CSA-C22.2 No. 60335-1:16 subclause applies.

UL 60335-2-34 is to be used in conjunction with the sixth edition of UL 60335-1. The requirements for motor-compressors 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 60335-2-34, the UL 60335-1 subclause applies.