



UL 62784:2025

(IEC 62784:2019, MOD)

STANDARD FOR SAFETY

Vacuum Cleaners and Dust Extractors
Providing Equipment Protection Level
Dc for the Collection of Combustible
Dusts – Particular Requirements

UL Standard for Safety for Vacuum Cleaners and Dust Extractors Providing Equipment Protection Level Dc for the Collection of Combustible Dusts – Particular Requirements, UL 62784

First Edition, Dated December 15, 2025

Summary of Topics

Adoption of IEC 62784, Vacuum Cleaners and Dust Extractors Providing Equipment Protection Level Dc for the Collection of Combustible Dusts – Particular Requirements, (first edition and amendment 1, issued by IEC January 2019) as a new IEC-based UL Standard, UL 62784 dated December 15, 2025. Please note that the National Difference document incorporates all of the U.S. national differences for UL 62784.

The new requirements are substantially in accordance with Proposal(s) on this subject dated November 22, 2024, July 18, 2025, and September 19, 2025.

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ULSE Inc.
UL 62784
First Edition
(IEC 62784:2019, MOD)

Vacuum Cleaners and Dust Extractors Providing Equipment Protection Level Dc for the Collection of Combustible Dusts – Particular Requirements

December 15, 2025

This national standard is based on publication IEC 62784, First Edition (2017) and its Amendment 1 (2019).



ANSI/UL 62784-2025



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This ANSI/UL Standard for Safety consists of the First Edition.

The most recent designation of ANSI/UL 62784 as an American National Standard (ANSI) occurred on December 15, 2025. 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.

Comments or proposals for revisions on any part of the Standard may be submitted to ULSE at any time. Proposals should be submitted via a Proposal Request in the Collaborative Standards Development System (CSDS) at <https://csds.ul.com>.

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PREFACE

This is the harmonized CSA Group and UL Standard for Vacuum Cleaners and Dust Extractors Providing Equipment Protection Level Dc for the Collection of Combustible Dusts – Particular Requirements. It is the First edition of CSA C22.2 No. 62784 and UL 62784.

This harmonized standard is based on IEC Publication 62784: Edition 1.1, Vacuum Cleaners and Dust Extractors Providing Equipment Protection Level Dc for the Collection of Combustible Dusts – Particular Requirements issued May 2017, as revised by Amendment 1 issued January 2019. IEC 62784 is copyrighted by the IEC.

This harmonized standard was prepared by CSA Group and ULSE. The efforts and support of the Technical Harmonization Subcommittee, THC 79-62784 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 Integrated Committee on Hazardous Location Products, under the jurisdiction of the CSA Technical Committee on Industrial 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.

Level of Harmonization

This standard adopts the IEC text with national differences.

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

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 ULSE 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.