



UL 751

STANDARD FOR SAFETY

Vending Machines

UL Standard for Safety for Vending Machines, UL 751

Ninth Edition, Dated July 18, 2016

Summary Of Topics

The revisions to ANSI/UL 751 dated October 2, 2018 reflects the latest ANSI affirmation date and includes the following changes in requirements:

Revisions To Update Requirements For Controls

Revision To And Addition Of Requirements To Prevent Remote Shut-Off Of Vending Machines

Revisions To Clarify The Scope Of The Standard

Revisions To And Addition Of Requirements To Address Switch Mode Power Supply Units Increasingly Used In Vending Machines

Revisions To Clarify Requirements For Vending Machines Having Two Supply Cords

Revisions To Marking Requirements To Clarify Application Of UL 969 Requirements

Revisions To EMI Filter Requirements To Specify An Alternate Compliance Option

Editorial Revisions To Clarify The Compliance Criteria Of the Leakage Current Test

Editorial Revisions To Include A List Of All Reference Standards (Designation And Title) Referenced In The Text Of The Standard

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 new and revised requirements are substantially in accordance with Proposal(s) on this subject dated June 29, 2018.

In the revisions dated October 2, 2018 pages 54 and 55 have been intentionally deleted from the Standard due to the deletion or relocation of text.

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UL 751

Standard for Vending Machines

The First, Second, and Third editions were titled Standard for Safety for Vending and Amusement Machines.

First Edition – December, 1970
Second Edition – April, 1974
Third Edition – May, 1978
Fourth Edition – September, 1985
Fifth Edition – May, 1990
Sixth Edition – June, 1995
Seventh Edition – January, 2010
Eighth Edition – July, 2012

Ninth Edition

July 18, 2016

This ANSI/UL Standard for Safety consists of the Ninth Edition including revisions through October 2, 2018.

The most recent designation of ANSI/UL 751 as an American National Standard (ANSI) occurred on October 2, 2018. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page.

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

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INTRODUCTION

1 Scope

1.1 These requirements cover self-contained, payment-accepting, vending machines that vend non-refrigerated products to be employed in accordance with ANSI/NFPA 70. Vending machines as covered by this standard are intended for indoor use only, except that they will be investigated for outdoor use or use in a protected location if so designated by the manufacturer. Vending machines may be battery operated and may be provided with a solar photovoltaic (PV) system. If a vending machine vends a non-refrigerated product but is provided with a refrigerated section, then the refrigerated section shall be evaluated to the relevant requirements in UL 541.

1.2 These requirements also cover vending machines intended for installation within motor fuel dispensing facilities in accordance with Supplement SA, Requirements for Vending Machines Intended for Installation within Motor Fuel Dispensing Facilities, and as defined by NFPA 30A.

1.3 These requirements do not cover sound-recording and reproducing machines.

1.4 These requirements do not cover vending machines intended to vend refrigerated products. Such products are covered by UL 541.

2 Units of Measurement

2.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.

3 References

3.1 Any undated reference to a code or standard appearing in the requirements of this standard shall be interpreted as referring to the latest edition of that code or standard.

ANSI Standards

ANSI Z97.1, *Safety Glazing Materials Used in Buildings – Safety Performance Specifications and Methods of Test*

ASME Standards

ASME B94.11, *Twist Drills*

ASTM Standards

ASTM A90/A90M, *Test Method of the Standard Test Method for Weight [Mass] of Coating on Iron and Steel Articles with Zinc or Zinc-Alloy Coatings*

ASTM A653/A653M, *Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process*

ASTM E162, *Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source*