



ULC Standards
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ANSI/CAN/UL/ULC 180:2023

JOINT CANADA-UNITED STATES
NATIONAL STANDARD

STANDARD FOR SAFETY

Combustible Liquid Tank Accessories

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ANSI/UL 180-2023



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UL Standard for Safety for Combustible Liquid Tank Accessories, ANSI/CAN/UL/ULC 180

Ninth Edition, Dated March 15, 2019

Summary of Topics

This revision of UL/ULC 180 dated February 24, 2023 includes the following changes in requirements:

- Revisions to requirements for vent caps with respect to openings; [8.4](#)***
- Revisions to the Fill Signal test with respect to whistle vent sound/backflow; [14.2.2](#)***
- Revisions to marking requirements with respect to smaller pipe size fittings; [21.1](#) and [21.1.1](#)***

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 September 23, 2022.

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ANSI/CAN/UL/ULC 180:2023

Standard for Combustible Liquid Tank Accessories

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Ninth Edition

March 15, 2019

This ANSI/CAN/UL/ULC Safety Standard consists of the Ninth Edition including revisions through February 24, 2023.

The most recent designation of ANSI/UL 180 as an American National Standard (ANSI) occurred on February 24, 2023. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, Preface or SCC Foreword.

This standard has been designated as a National Standard of Canada (NSC) on February 24, 2023.

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Preface

This is the Ninth Edition of the ANSI/CAN/UL/ULC 180, Standard for Combustible Liquid Tank Accessories.

UL is accredited by the American National Standards Institute (ANSI) and the Standards Council of Canada (SCC) as a Standards Development Organization (SDO).

This Standard has been developed in compliance with the requirements of ANSI and SCC for accreditation of a Standards Development Organization. ULC Standards is accredited by the Standards Council of Canada (SCC) as a Standards Development Organization (SDO).

Only metric SI units of measurement are used in this Standard. If a value for measurement is followed by a value in other units in parentheses, the second value may be approximate. The first stated value is the requirement.

Appendix [A](#), identified as normative, forms a mandatory part of this Standard.

Appendices [B](#) and [C](#), identified as informative, are for information purposes only.

This ANSI/CAN/UL/ULC 180 Standard is under continuous maintenance, whereby each revision is approved in compliance with the requirements of ANSI and SCC for accreditation of a Standards Development Organization. In the event that no revisions are issued for a period of four years from the date of publication, action to revise, reaffirm, or withdraw the standard shall be initiated.

In Canada, there are two official languages, English and French. All safety warnings must be in French and English. Attention is drawn to the possibility that some Canadian authorities may require additional markings and/or installation instructions to be in both official languages.

This Joint American National Standard and National Standard of Canada is based on, and now supersedes, the Eighth Edition UL 180, Standard for Liquid-Level Gauges for Oil Burner Fuels and Other Combustible Liquids, and the First Edition of ULC/ORD-C180-97, Other Recognized Document for Liquid Level Gauges and Indicators for Fuel Oil and Lubricating Oil Tanks.

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 <http://csds.ul.com>.

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This Edition of the Standard has been formally approved by the Joint UL/ULC Technical Committee (TC) on Combustible Liquid Tanks and Accessories, TC 2258.

This list represents the TC 2258 membership when the final text in this standard was balloted. Since that time, changes in the membership may have occurred.

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This Standard is intended to be used for conformity assessment.

The intended primary application of this standard is stated in its scope. It is important to note that it remains the responsibility of the user of the standard to judge its suitability for this particular application.

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