



ULC Standards
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JOINT CANADA-UNITED STATES
NATIONAL STANDARD

STANDARD FOR SAFETY

ANSI/CAN/UL/ULC 1201, Sensor Operated Backwater Prevention Systems

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ANSI/UL 1201-2018



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UL Standard for Safety for Sensor Operated Backwater Prevention Systems, ANSI/CAN/UL/ULC 1201

First Edition, Dated December 14, 2016

Summary of Topics

The First Edition of ANSI/CAN/UL/ULC 1201 has been issued to reflect the latest ANSI and SCC approval dates, and to incorporate the the following changes in requirements:

Update to requirements for the secondary power supply

The new and revised requirements are substantially in accordance with Proposal(s) on this subject dated August 10, 2018.

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ANSI/UL 1201-2018



December 14, 2016

(Title Page Reprinted: October 26, 2018)

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UL/ULC 1201

Standard for Sensor Operated Backwater Prevention Systems

First Edition

December 14, 2016

This ANSI/CAN/UL/ULC Safety Standard consists of the First Edition including revisions through October 26, 2018.

The most recent designation of ANSI/UL 1201 as an American National Standard (ANSI) occurred on October 26, 2018. 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 October 26, 2018.

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Preface

This is the First Edition of the ANSI/CAN/UL/ULC 1201, Standard for Safety for Sensor Operated Backwater Prevention Systems.

This is a First Edition joint American National Standard and National Standard of Canada.

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

This ANSI/CAN/UL/ULC 1201 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.

Appendix A, identified as Informative, is for information purposes only.

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.

Comments or proposals for revisions on any part of the Standard may be submitted at any time. Proposals should be submitted via a Proposal Request in the 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 UL/ULC Joint Committee on Prevention of Storm and Sanitary Backflow.

This list represents the STP 1201 membership when the final text in this standard was balloted. Since that time, changes in the membership may have occurred.

STP 1201 Membership

Name	Representing	Interest Category	Region
Bob Bielawski	Mainline Backflow Products Inc.	Producer	USA
Robert Burnham	Zurn Industries	Producer	USA
Maribel Campos	ICC Evaluation Service LLC	Testing and Standards	USA
Mark Harrold	City of Lethbridge	Producer	Alberta
Edwin Ho	International Association of Plumbing and Mechanical Officials (IAPMO)	Testing and Standards	Canada
Paul Holland	City of Greater Sudbury	AHJ	Ontario
Christopher Johnson	Fluids Controls Institute (FCI)	General	USA
William LaRose	self	General	Canada
Christopher McLellan	Canadian Home Builders Association	General	Canada
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Deborah Prince	Underwriters Laboratories Inc.	STP Chair Non-voting	USA
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Claudio Spagnuolo	City of Brampton - Planning & Infrastructure Services	AHJ	Canada
Kevin Wong	Canadian Institute of Plumbing & Heating	General	Canada

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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.

CETTE NORME NATIONALE DU CANADA EST DISPONIBLE EN VERSIONS FRANÇAISE ET ANGLAISE.

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INTRODUCTION

1 Scope

1.1 This standard covers backwater prevention systems that use sensors, controls and mechanisms for the prevention of backflow for sanitary drainage and storm systems and specifies minimum requirements for materials, mechanical, electrical, performance tests and markings.

1.2 The purpose of this Standard is to enhance health and safety by:

- a) Specifying acceptable criteria for sensor operated backwater prevention systems;
- b) Serving as a guide for producers, distributors, architects, engineers, contractors, installers, inspectors and users; and
- c) Promoting understanding regarding materials and manufacturing of sensor operated backwater prevention systems.

2 Units of Measurement

2.1 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.

3 Reference Publications

3.1 See Annex A for a list of publications referenced in this standard. 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. When the latest edition of a standard is not applicable, the appropriate edition is indicated accordingly in Annex A.

4 Glossary

4.1 SEALING ELEMENT – A pneumatic or mechanical component in a backwater prevention system that when deployed or activated, prevents the reverse flow of storm or sanitary drainage.