

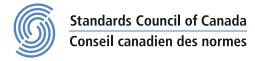
# CSA C22.2 No. 60335-2-47:20 (IEC 60335-2-47:2002+A1:2008+A2:2017, MOD) National Standard of Canada



CSA C22.2 No. 60335-2-47:20

Household and similar electrical appliances —
Safety — Part 2-47: Particular requirements for commercial electric boiling pans
(IEC 60335-2-47:2002+A1:2008+A2:2017, MOD)





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**Title:** Household and similar electrical appliances — Safety — Part 2-47: Particular requirements for commercial electric boiling pans

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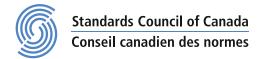
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# National Standard of Canada

CSA C22.2 No. 60335-2-47:20

# Household and similar electrical appliances — Safety — Part 2-47: Particular requirements for commercial electric boiling pans

(IEC 60335-2-47:2002+A1:2008+A2:2017, MOD)

Prepared by International Electrotechnical Commission Reviewed by





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Household and similar electrical
appliances — Safety — Part 2-47:

Particular requirements for commercial electric boiling pans
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# CSA Preface

This is the third edition of CSA C22.2 No. 60335-2-47, *Household and similar electrical appliances* — *Safety* — *Part 2-47: Particular requirements for commercial electric boiling pans*, which is an adoption, with Canadian deviations, of the identically titled IEC (International Electrotechnical Commission) Standard 60335-2-47 (edition 4:2002 consolidated with Amendment 1:2008 and Amendment 2:2017). It supersedes the previous edition published in 2001 as CAN/CSA-E60335-2-47 (adopted IEC 60335-2-47:2000). It also replaces the requirements for commercial electric boiling pans found in CSA C22.2 No. 109-17, *Commercial cooking appliances*. It is one in a series of Standards issued by CSA Group under Part II of the *Canadian Electrical Code*. At the time of publication, IEC 60335-2-47:2002+ A1:2008+A2:2017 is available from IEC in English only. CSA Group will publish the French version when it becomes available from IEC.

For brevity, this Standard will be referred to as "CSA C22.2 No. 60335-2-47" throughout.

This Standard is intended to be used in conjunction with CAN/CSA-C22.2 No. 60335-1:16, *Household* and similar electrical appliances — Safety — Part 1: General requirements (adopted IEC 60335-1:2010+A1:2013, with Canadian deviations).

This Standard is considered suitable for use for conformity assessment within the stated scope of the Standard.

This Standard was reviewed for Canadian adoption by the CSA Technical Committee on Consumer and Commercial Products, under the jurisdiction of the CSA Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the 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.

**Interpretations:** The Strategic Steering Committee on Requirements for Electrical Safety has provided the following direction for the interpretation of standards under its jurisdiction: "The literal text shall be used in judging compliance of products with the safety requirements of this Standard. When the literal text cannot be applied to the product, such as for new materials or construction, and when a relevant

CSA committee interpretation has not already been published, CSA Group's procedures for interpretation shall be followed to determine the intended safety principle."

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- a) Standard designation (number);
- b) relevant clause, table, and/or figure number;
- c) wording of the proposed change; and
- d) rationale for the change.

# Canadian deviations

The following deviations are intended to meet Canadian product requirements and to align with the Canadian Electrical Code, Part I.

International Standard IEC 60335-2-47:2002+A1:2008+A2:2017 (edition 4.2) forms the basis for CSA C22.2 No. 60335-2-47, which contains the following deviations in addition to those shown in CAN/CSA-C22.2 No. 60335-1:16.

[Replace all references to "IEC 60335-1" with "CAN/CSA-C22.2 No. 60335-1"]

# 1 Scope

[In the second paragraph, replace "480 V" with "600 V"]

[Add the following]

This Standard applies to the above-noted products that are intended to be installed or used in accordance with CSA C22.1, Canadian Electrical Code, Part I.

This Standard does not apply to electrical equipment on coal- or gas-heated cooking equipment.

# 2 Normative references

[Add the following]

Any reference to International Standards that are adopted as National Standards of Canada subsequent to the publication of CSA C22.2 No. 60335-2-47 shall be replaced by the relevant National Standard of Canada.

Where reference is made to CSA Group publications, such reference shall be considered to refer to the latest edition and all amendments published to that edition. This Standard refers to the following publications, and the years shown indicate the latest editions available at the time of printing:

## **CSA Group**

B51:19

Boiler, pressure vessel, and pressure piping code

C22.1-18

Canadian Electrical Code, Part I

CAN/CSA-C22.2 No. 0-10 (R2015)

General requirements — Canadian Electrical Code, Part II

C22.2 No. 0.12:19

Wiring space and wire bending space in enclosures

CAN/CSA-C22.2 No. 0.17-00 (R2018)

Evaluation of properties of polymeric materials

C22.2 No. 94.2-15

Enclosures for electrical equipment, environmental considerations

CAN/CSA-C22.2 No. 60335-1:16

Household and similar electrical appliances — Safety — Part 1: General requirements

# 4 General requirement

[Replace this Clause with the following]

This Clause of the Part 1 is applicable except as follows.

[Add the following clause to the Part 1]

#### 4.1A

General requirements applicable to these products are provided in CAN/CSA-C22.2 No. 0.

# 5 General conditions for the tests

[Add the following clause]

#### 5.103A

Appliances provided with socket outlets shall be tested with the socket outlet loaded with a 1500 W resistive load if this load would adversely affect the result of the test. This includes the tests of Clauses 10, 11, and 19.

## 6 Classification

## 6.1

[Replace the first paragraph of the "Replacement" in the Part 2 with the following]

Appliances shall be class I or class II with respect to protection against electric shock.

# 7 Marking and instructions

#### 7.1

[Add the following]

The input to cord-connected appliances for use on nominal 120 V branch circuits protected by overcurrent devices rated or set at not more than 15 A shall not exceed 1500 W at 120 V.