



**CSA C22.2 No. 60335-2-15:14**

**Household and similar electrical appliances — Safety — Part 2-15: Particular requirements for appliances for heating liquids**  
(IEC 60335-2-15:2012, MOD)

**CSA C22.2 n° 60335-2-15:14**

**Appareils électrodomestiques et analogues — Sécurité — Partie 2-15 : Règles particulières pour les appareils de chauffage des liquides**  
(IEC 60335-2-15:2012, MOD)



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# ***Revision History***

**CSA C22.2 No. 60335-2-15:14, Household and similar electrical appliances — Safety — Part 2-15: Particular requirements for appliances for heating liquids**

<b>Update No. 1 — February 2019</b>	<b>Revision symbol (in margin)</b>
Canadian deviations rationale Clauses 3.1.9.107A, 3.113D, 3.113E, 3.113F, 3.113G, 3.113H, 6.1, 6.2, 7.1, 7.12, 7.16F, 11, 19, 21.1, 22.7, 22.106A, 22.111, 22.114H, 22.114I, 22.114J, 22.114K, 25.7, and 25.8DV.1	①

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# Historique des modifications

CSA C22.2 n° 60335-2-15:14, Appareils électrodomestiques et analogues — Sécurité — Partie 2-15 : Règles particulières pour les appareils de chauffage des liquides

Mise à jour n° 1 — Février 2019	Symbole indiquant les modifications (dans la marge)
Justification des exigences propres au Canada Articles 3.1.9.107A, 3.113D, 3.113E, 3.113F, 3.113G, 3.113H, 6.1, 6.2, 7.1, 7.12, 7.16F, 11, 19, 21.1, 22.7, 22.106A, 22.111, 22.114H, 22.114I, 22.114J, 22.114K, 25.7 et 25.8DV.1	①

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***CSA C22.2 No. 60335-2-15:14  
November 2014***

**Title:** *Household and similar electrical appliances — Safety — Part 2-15: Particular requirements for appliances for heating liquids*

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## NORME INTERNATIONALE

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**Household and similar electrical appliances – Safety  
Part 2-15: Particular requirements for appliances for heating liquids**

**Appareils électrodomestiques et analogues – Sécurité –  
Partie 2-15: Exigences particulières pour les appareils de chauffage des liquides**



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**Household and similar electrical appliances – Safety –  
Part 2-15: Particular requirements for appliances for heating liquids**

**Appareils électrodomestiques et analogues – Sécurité –  
Partie 2-15: Exigences particulières pour les appareils de chauffage des liquides**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES –  
SAFETY –****Part 2-15: Particular requirements  
for appliances for heating liquids**

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This part of International Standard IEC 60335 has been prepared by IEC technical committee 61: Safety of household and similar electrical appliances.

This sixth edition cancels and replaces the fifth edition published in 2002 including its Amendment 1 (2005) and its Amendment 2 (2008). It constitutes a technical revision.

The principal changes in this edition as compared with the fifth edition of IEC 60335-2-15 are as follows (minor changes are not listed):

- added requirements for soy milk makers;
- added requirements for dynamic pressure cookers;
- expanded requirements for cordless kettles to cover cordless appliances throughout document;

- reorganized 7.12 so that instructions related to generic types of appliances covered by this part are listed first;
- converted notes to normative (5.2, 7.12, 19.101, 22.7, 22.106, 24.1.5, 24.4, 25.101) text;
- deleted Note in 19.102.

The text of this standard is based on the following documents:

FDIS	Report on voting
61/4451/FDIS	61/4504/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

This part 2 is to be used in conjunction with the latest edition of IEC 60335-1 and its amendments. It was established on the basis of the fifth edition (2010) of that standard.

NOTE 1 When “Part 1” is mentioned in this standard, it refers to IEC 60335-1.

This part 2 supplements or modifies the corresponding clauses in IEC 60335-1, so as to convert that publication into the IEC standard: Safety requirements for appliances for heating liquids.

When a particular subclause of Part 1 is not mentioned in this part 2, that subclause applies as far as is reasonable. When this standard states “addition”, “modification” or “replacement”, the relevant text in Part 1 is to be adapted accordingly.

NOTE 2 The following numbering system is used:

- subclauses, tables and figures that are numbered starting from 101 are additional to those in Part 1;
- unless notes are in a new subclause or involve notes in Part 1, they are numbered starting from 101, including those in a replaced clause or subclause;
- additional annexes are lettered AA, BB, etc.

NOTE 3 The following print types are used:

- requirements: in roman type;
- *test specifications: in italic type;*
- notes: in small roman type.

Words in **bold** in the text are defined in Clause 3. When a definition concerns an adjective, the adjective and the associated noun are also in bold.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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It is the recommendation of the committee that the content of this publication be adopted for implementation nationally not earlier than 12 months or later than 36 months from the date of publication.

A list of all parts of the IEC 60335 series, under the general title: *Household and similar electrical appliances – Safety*, can be found on the IEC website.

The following differences exist in the countries indicated below.

- 19.101: The test is not applicable (Japan).
- 25.8: A supply cord having a cross-sectional area of 0,75 mm<sup>2</sup> is not allowed for appliances having a rated current exceeding 6 A (Japan).
- 25.8: Longer supply cords are allowed (Japan).

## HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – SAFETY –

### Part 2-15: Particular requirements for appliances for heating liquids

#### 1 Scope

This clause of Part 1 is replaced by the following.

This International Standard deals with the safety of electrical appliances for heating liquids for household and similar purposes, their **rated voltage** being not more than 250 V.

NOTE 101 Some appliances can be used for heating food.

NOTE 102 Examples of appliances that are within the scope of this standard are

- coffee-makers;
- cooking pans;
- egg boilers;
- **feeding-bottle heaters**;
- kettles and other appliances for boiling water, having a **rated capacity** not exceeding 10 l;
- milk heaters;
- pressure cookers having a **rated cooking pressure** not exceeding 140 kPa and a **rated capacity** not exceeding 10 l;
- **rice cookers**;
- slow cookers;
- **steam cookers**;
- **soy milk makers**;
- tea maker;
- wash boilers;
- yoghurt makers.

Appliances intended for normal household and similar use and that may also be used by laymen in shops, in light industry and on farms, are within the scope of this standard.

NOTE 103 Examples of such appliances are

- glue pots with a water jacket;
- livestock feed boilers;
- sterilizers.

If the appliance is intended to be used professionally to process food for commercial consumption, the appliance is not considered to be for household and similar use only.

As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account

- persons (including children) whose
  - physical, sensory or mental capabilities; or
  - lack of experience and knowledgeprevents them from using the appliance safely without supervision or instruction;