



SLOVENSKI STANDARD
SIST EN 60335-2-15:2003/A2:2009
01-januar-2009

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

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke -- Teil 2-15: Besondere Anforderungen für Geräte zur Flüssigkeitserhitzung

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

<https://standards.iteh.ai/catalog/standards/sist/e3ce9d1e-fe0e-4645-9b4e-1f4f17d0e0c/sist-en-60335-2-15-2003-a2-2009>

Ta slovenski standard je istoveten z: EN 60335-2-15:2002/A2:2008

ICS:

13.120	Varnost na domu	Domestic safety
97.040.50	Majhni gospodinjski aparati	Small kitchen appliances

SIST EN 60335-2-15:2003/A2:2009 en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60335-2-15/A2

October 2008

ICS 97.040.50; 13.120

English version

**Household and similar electrical appliances -
Safety -
Part 2-15: Particular requirements
for appliances for heating liquids
(IEC 60335-2-15:2002/A2:2008)**

Appareils électrodomestiques
et analogues -
Sécurité -
Partie 2-15: Règles particulières
pour les appareils de chauffage
des liquides
(CEI 60335-2-15:2002/A2:2008)

Sicherheit elektrischer Geräte
für den Hausgebrauch
und ähnliche Zwecke -
Teil 2-15: Besondere Anforderungen
für Geräte zur Flüssigkeitserhitzung
(IEC 60335-2-15:2002/A2:2008)

STANDARD PREVIEW
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This amendment A2 modifies the European Standard EN 60335-2-15:2002; it was approved by CENELEC on 2008-08-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 61/3640/FDIS, future amendment 2 to IEC 60335-2-15:2002, prepared by IEC TC 61, Safety of household and similar electrical appliances, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A2 to EN 60335-2-15:2002 on 2008-08-01.

The following dates are applicable:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2009-05-01
- date on which national standards conflicting with the amendment have to be withdrawn (dow) 2013-08-01

This amendment supplements or modifies the corresponding clauses of EN 60335-2-15:2002.

There are no special national conditions causing a deviation from this amendment.

There are no national deviations from this amendment.

- p NOTE In this document, p is used in the margin to indicate instructions for preparing the printed version.

Endorsement notice

The text of amendment 2:2008 to the International Standard IEC 60335-2-15:2002 was approved by CENELEC as an amendment to the European Standard without any modification.

- p In the Bibliography, add the following note to the standard mentioned:

ISO 13732-1

NOTE Harmonized as EN ISO 13732-1:2006 (not modified)

<https://standards.iteh.ai/catalog/standards/sist/e3ce9d1e-f0e-4645-9b4e-1fc417d0e0c/sist-en-60335-2-15-2003-a2-2009>



IEC 60335-2-15

Edition 5.0 2008-07

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 2
AMENDEMENT 2

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

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

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ICS 97.040.50; 13.120

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FOREWORD

This amendment has been prepared by IEC technical committee 61: Safety of household and similar electrical appliances.

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

FDIS	Report on voting
61/3640/FDIS	61/3680/RVD

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

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the maintenance result 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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NOTE The attention of National Committees is drawn to the fact that equipment manufacturers and testing organizations may need a transitional period following publication of a new, amended or revised IEC publication in which to make products in accordance with the new requirements and to equip themselves for conducting new or revised tests.

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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.

INTRODUCTION

Replace the fifth paragraph by the following:

When a part 2 standard does not include additional requirements to cover hazards dealt with in Part 1, Part 1 applies.

NOTE 1 This means that the technical committees responsible for the part 2 standards have determined that it is not necessary to specify particular requirements for the appliance in question over and above the general requirements.

This standard is a product family standard dealing with the safety of appliances and takes precedence over horizontal and generic standards covering the same subject.

NOTE 2 Horizontal and generic standards covering a hazard are not applicable since they have been taken into consideration when developing the general and particular requirements for the IEC 60335 series of standards. For example, in the case of temperature requirements for surfaces on many appliances, generic standards, such as ISO 13732-1 for hot surfaces, are not applicable in addition to Part 1 or part 2 standards.

1 Scope

In Note 102, add the following dashed item:

- **rice cookers.**

Replace the third paragraph by the following:

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. However, 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.

Replace the two dashed items in the fourth paragraph by the following:

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

3 Definitions

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Add the following new definitions:

3.1.9.106 Rice cookers are operated with the rice container filled with water to the level of maximum rated capacity. Water is added to maintain the level during boiling.

When operated in the keep-warm mode, the **rice cooker** is operated with the rice container empty.

3.109

rice cooker

appliance for cooking rice that is placed in a detachable container, the container being placed within the appliance when cooking

The appliance may have a keep warm function.

NOTE **Rice cookers** may cook food other than rice.

3.110

induction rice cooker

rice cooker that heats the rice container by means of eddy currents

NOTE The eddy currents are induced in the rice container or lid or rice container and lid by the electromagnetic field of a coil.

5 General conditions for the tests

Add the following new subclause:

5.101 Induction rice cookers are tested as motor-operated appliances.

7 Marking and instructions

7.12 Add the following:

The instructions shall include the substance of the following:

This appliance is intended to be used in household and similar applications such as:

- staff kitchen areas in shops, offices and other working environments;
- farm houses;
- by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments.

NOTE 101 If the manufacturer wants to limit the use of the appliance to less than the above, this must be clearly stated in the instructions.

11 Heating

Add the following subclause:

11.3 Addition:

NOTE 101 If the magnetic field of an induction rice cooker unduly influences the results, the temperature rises can be determined using platinum resistances with twisted connecting wires or any equivalent means.

11.7.103 After "Slow cookers," add "rice cookers,".

11.7.104 Add the following after the first paragraph:

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For **automatic espresso coffee makers** and **espresso coffee makers** provided with a coffee pot, the brewing period is the time necessary to produce the maximum quantity of coffee allowed by the timer or by the capacity of the coffee pot.

For **manual espresso coffee makers**, if the maximum quantity of coffee to be produced is not specified in the instructions, the brewing period is the time necessary to produce 100 ml of coffee for each cycle.

Replace the existing second paragraph by the following:

For **espresso coffee-makers** having an outlet for supplying steam or hot water, the brewing period is immediately followed by a period during which the steam or water is supplied for the time stated in the instructions or for the following periods, whichever is more unfavourable:

- for **espresso coffee-makers** having an outlet for supplying steam, 1 min;
- for **espresso coffee-makers** having an outlet for supplying hot water, the time necessary to produce 100 ml of water.

15 Moisture resistance

15.2 Add the following to the addition:

For coffee makers provided with a removable coffee pot, the liquid container is filled with maximum amount of water containing 1 % NaCl. The funnel is placed in position but without placing the coffee pot in position. The appliance is switched on and operated until the container is empty.