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Elektriska hush?llsapparater och liknande bruksf?rem?l f?r uppv?rmning av v?tskor S?kerhet ?

Del 2-15: S?rskilda fordringar p? bruksf?rem?l f?r uppv?rmning av v?tskor

Household and similar electrical appliances ?

Safety ?

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

Som svensk standard g?ller europastandarden EN 60335-2-15:2002. Den svenska standarden inneh?ller den officiella engelska spr?kversionen av EN 60335-2-15:2002.

Nationellt f?rord

Europastandarden EN 60335-2-15:2002

best?r av:

- **europastandardens ikrafts?ttningsdokument**, utarbetat inom CENELEC
- **IEC 60335-2-15, Fifth edition, 2002 - Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids**

utarbetad inom International Electrotechnical Commission, IEC.

Standarden skall anv?ndas tillsammans med SS-EN 60335-1, utg?va 4, 2002.

Tidigare utgiven svensk standard SS-EN 60335-2-15, utg?va 5, 1996, SS-EN 60335-2-15/A1, utg?va 1, 1999 och SS-EN 60335-2-15/A2, utg?va 1, 2000, g?ller ej fr o m 2005-10-01.

Standarder underlättar utvecklingen och höjer elsäkerheten

Det finns många fördelar med att ha gemensamma tekniska regler för bl a säkerhet, prestanda, dokumentation, utförande och skötsel av elprodukter, elanläggningar och metoder. Genom att utforma sådana standarder blir säkerhetskraven tydliga och utvecklingskostnaderna rimliga samtidigt som marknadens acceptans för produkten eller tjänsten ökar.

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Stora delar av arbetet sker internationellt

Utformningen av standarder sker i allt väsentligt i internationellt och europeiskt samarbete. SEK är svensk nationalkommitté av International Electrotechnical Commission (IEC) och Comité Européen de Normalisation Electrotechnique (CENELEC).

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Arbetet i de tekniska kommittéerna är öppet för alla svenska organisationer, företag, institutioner, myndigheter och statliga verk. Den årliga avgiften för deltagandet och intäkter från försäljning finansierar SEKs standardiseringssverksamhet och medlemsavgift till IEC och CENELEC.

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Den som deltar i SEKs tekniska kommittéarbete har möjlighet att påverka framtida standarder och får tidig tillgång till information och dokumentation om utvecklingen inom sitt teknikområde. Arbetet och kontakterna med kollegor, kunder och konkurrenter kan gynnsamt påverka enskilda företags affärsutveckling och bidrar till deltagarnas egen kompetensutveckling.

Du som vill dra nytta av dessa möjligheter är välkommen att kontakta SEKs kansli för mer information.

SEK

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EUROPEAN STANDARD

EN 60335-2-15

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2002

ICS 97.040.50. 13.120

Supersedes EN 60335-2-15:1996 + A1:1999 + A2:2000

English version

**Household and similar electrical appliances -
Safety**

**Part 2-15: Particular requirements for appliances for heating liquids
(IEC 60335-2-15:2002)**

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

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

This European Standard was approved by CENELEC on 2002-09-24. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 European Standard 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and 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 61/2134/FDIS, future fifth edition of IEC 60335-2-15, prepared by the IEC Technical Committee 61, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60335-2-15 on 2002-09-24.

This European Standard replaces EN 60335-2-15:1996 + A1:1999 + A2:2000.

The following dates are applicable:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2003-07-01
- date on which national standards conflicting with the EN have to be withdrawn (dow) 2005-10-01

This part 2 has to be used in conjunction with EN 60335-1, Household and similar electrical appliances – Safety – Part 1: General requirements. It was established on the basis of the 2002 edition of that standard. Amendments and revisions of Part 1 have also to be taken into account and the dates when such changes become applicable will be stated in the relevant amendment or revision of Part 1.

This part 2 supplements or modifies the corresponding clauses of EN 60335-1, so as to convert it into the European Standard: Safety requirements for electrical 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 of Part 1 is to be adapted accordingly.

NOTE 1 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.;
- subclauses, notes and annexes that are additional to those in the IEC standard are prefixed with the letter Z.

NOTE 2 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.

There are no special national conditions causing a deviation from this European Standard, other than those listed in Annex ZA to EN 60335-1.

There are no national deviations from this European Standard, other than those listed in Annex ZB to EN 60335-1.

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

Introduction

p Add:

An investigation by CENELEC TC 61 has shown that all risks from products within the scope of this standard are fully covered by the Low Voltage Directive, 73/23/EEC. For products having mechanical moving parts, a risk assessment in accordance with the Machinery Directive, 98/37/EC, has shown that the risks are mainly of electrical origin and consequently this directive is not applicable. However, the relevant essential safety requirements of the Machinery Directive are covered by this standard together with the prncipal objectives of the Low Voltage Directive.

Endorsement notice

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

CONTENTS

1 Scope.....	6
2 Normative references	7
3 Definitions	7
4 General requirement.....	8
5 General conditions for the tests	8
6 Classification.....	8
7 Marking and instructions	9
8 Protection against access to live parts.....	10
9 Starting of motor-operated appliances.....	10
10 Power input and current	10
11 Heating	10
12 Void.....	12
13 Leakage current and electric strength at operating temperature	12
14 Transient overvoltages	12
15 Moisture resistance	12
16 Leakage current and electric strength	13
17 Overload protection of transformers and associated circuits.....	13
18 Endurance	13
19 Abnormal operation.....	13
20 Stability and mechanical hazards.....	15
21 Mechanical strength.....	15
22 Construction.....	15
23 Internal wiring	18
24 Components	18
25 Supply connection and external flexible cords	18
26 Terminals for external conductors	19
27 Provision for earthing	19
28 Screws and connections	19
Clearances, creepage distances and solid insulation	19
30 Resistance to heat and fire.....	20
31 Resistance to rusting	20
32 Radiation, toxicity and similar hazards.....	20
Annexes.....	21
Bibliography	21

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 may 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;
- slow cookers;
- **steam cookers;**
- wash boilers;
- yoghurt makers.

Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to 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.

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

- the use of appliances by young children or infirm persons without supervision;
- playing with the appliance by young children.

NOTE 104 Attention is drawn to the fact that

- for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements may be necessary;
- in many countries, additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour, the national water supply authorities and similar authorities.

NOTE 105 This standard does not apply to

- frying pans and deep fat fryers (IEC 60335-2-13);
- storage water heaters (IEC 60335-2-21);
- instantaneous water heaters (IEC 60335-2-35);
- surface-cleaning appliances employing liquids or steam (IEC 60335-2-54);

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