

Specification for

Safety of household and similar electrical appliances —

Part 2: Particular requirements —

**Section 2.42 Commercial electric forced
convection ovens, steam cookers and
steam-convection ovens**

The European Standard EN 60335-2-42:1995, with the incorporation of amendments A1:1996 and A2:1999, has the status of a British Standard

ICS 97.040.20

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by Technical Committee CPL/61, Safety of electrical appliances, to Subcommittee CPL/61/5, Commercial catering equipment, upon which the following bodies were represented:

- Association of Manufacturers of Domestic Electrical Appliances
- British Electrotechnical Approvals Board
- Catering Equipment Users' Association
- Department of the Environment (the Buying Agency)
- Department of Trade and Industry (Consumer Safety Unit, CA Division)
- Electricity Association
- Health and Safety Executive
- Institution of Incorporated Executive Engineers
- Lighting Industry Federation Ltd.
- The Association of Catering Equipment Manufacturers and Importers

This British Standard, having been prepared under the direction of the Electrotechnical Sector Board, was published under the authority of the Standards Board and comes into effect on 15 June 1996

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The following BSI references relate to the work on this standard:
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Amendments issued since publication

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National foreword

This British Standard has been prepared by Subcommittee CPL/61/5 and is the English language version of EN 60335-2-42:1995 *Safety of household and similar electrical appliances — Part 2: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens*, including amendment A1:1996 and corrigendum September 1996 to amendment A1 and amendment A2:1999, published by the European Committee for Electrotechnical Standardization (CENELEC). It is identical with IEC 60335-2-42:1994 and amendments 1:1996 and 2:1998 published by the International Electrotechnical Commission (IEC).

The foreword of EN 60335-2-42 makes reference to the date of withdrawal, dow, of the relevant national standard. In this case the relevant national standard is BS 3456-202.42:1990 which will cease to be applicable to commercial electric forced convection ovens, steam cookers and steam-convection ovens within the scope of BS EN 60335-2-42 on 1 April 1998. Certification and marks will not be awarded after this date with respect to BS 3456-202.42:1990. However, such certification and marks, already awarded, may continue to apply to production until 1 April 2003.

The foreword of Amendment A1 to EN 60335-2-42 makes reference to “date of withdrawal” (dow) of conflicting national standards as 1999-04-01. In this case the relevant national standard is BS EN 60335-2-42 but the date of withdrawal relates only to those parts of the British Standard subject to Amendment A1. Certificates and marks will not be awarded after this date with respect to the British Standard not incorporating Amendment A1. They will be awarded only to the amended British Standard. However, such certificates and marks already awarded with respect to the British Standard not incorporating Amendment A1 may continue to apply for production until 2004-04-01.

This British Standard is to be read in conjunction with BS EN 60335-1:1995 *General requirements*. The many references to Part 1 should be read as references to BS EN 60335-1, which is the English language version of EN 60335-1:1994 which was derived from the second impression, 1993, of IEC publication 335-1 (third edition 1991). 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.

Product approval. Attention is drawn to the fact that products conforming to this British Standard may be approved by the British Electrotechnical Approvals Board for the purposes of participation in the CENELEC Certification Agreement and in the CB Scheme of the IECEE. (Details of the BEAB Approval Scheme are given on the inside back cover.)

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 16, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 60335-2-42

November 1995

+ A1

July 1996

+ A2

January 1999

UDC 641.535.3:64.06-83:614.8
ICS 97.040.20

Supersedes EN 60335-2-42:1989 + A1:1992 and EN 60335-2-46:1989 + A1:1992

Descriptors: Household electrical appliances, ovens, steam cookers, appliance for commercial use, safety requirements, protection against electric shock, fire protection, protection against mechanical hazard

English version

Safety of household and similar electrical appliances Part 2: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens

(includes amendments A1:1996 and A2:1999)
(IEC 60335-2-42:1994 + A1:1996 + A2:1998)

Sécurité des appareils électrodomestiques et
analogues

Partie 2: Règles particulières pour les fours
électriques à convection forcée, les cuiseurs à
vapeur électriques et les fours combinés
vapeur-convection électriques à usage collectif
(inclut les amendements A1:1996 et A2:1999)
(CEI 60335-2-42:1994 + A1:1996 + A2:1998)

Sicherheit elektrischer Geräte für den
Hausgebrauch und ähnliche Zwecke

Teil 2: Besondere Anforderungen für
elektrische Heißumluftöfen, Dämpfgeräte und
Heißluftdämpfer für den gewerblichen
Gebrauch
(enthält Änderungen A1:1996 und A2:1999)
(IEC 60335-2-42:1994 + A1:1996 + A2:1998)

This European Standard was approved by CENELEC on 1995-09-20; amendment A1 was approved by CENELEC on 1996-07-02 and amendment A2 on 1999-01-01. 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, 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

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Ref. No. EN 60335-2-42:1995 + A1:1996 + A2:1999 E

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Document Sharing Hub

Foreword

The proposal to endorse IEC 335-2-42:1994, document CLC/TC 61 (SEC) 957, was circulated under the enquiry procedure in April 1994. This proposal was discussed during the Paris meeting in November 1994, when it was decided to submit a draft for EN 60335-2-42 to the formal vote.

This draft was circulated in March 1995 and was ratified by CENELEC as EN 60335-2-42 on 1995-09-20.

This European Standard has been prepared by the secretariat of CENELEC Technical Committee TC 61.

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) 1996-04-01
- date on which national standards conflicting with the EN have to be withdrawn (dow) 1998-04-01

This European Standard replaces EN 60335-2-42:1989 with its amendment A1:1992 and EN 60335-2-46:1989 with its amendment A1:1992.

For products which have complied with EN 60335-2-42:1989 including its amendment A1:1992 or with EN 60335-2-46:1989 including its amendment A1:1992 before 1998-04-01, as shown by the manufacturer or by a certification body, these previous standards may continue to apply for production until 2003-04-01.

This standard has to be used in conjunction with EN 60335-1, *Safety of household and similar electrical appliances, Part 1: General requirements*. It was established on the basis of the 1994 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 commercial electric forced convection ovens, steam cookers and steam-convection ovens*.

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

Subclauses which are additional to those in Part 1 are numbered starting with 101.

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.

NOTE 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 2. When a definition of Part 1 concerns adjective, the adjective and the associated noun are also in bold.

Foreword to amendment A1

The text of document 61E/164/FDIS, future amendment 1 to IEC 335-2:1994, prepared by SC 61E of the IEC Technical Committee 61 was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 60335-2-42:1995 on 1996-07-02.

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) 1997-04-01
- date on which national standards conflicting with the amendment have to be withdrawn (dow) 1999-04-01

For products which have complied with EN 60335-2-42:1995 before 1999-04-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2004-04-01.

This amendment supplements or modifies the corresponding clauses of EN 60335-2-42:1995.

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

There are no national deviations from this amendment.

Foreword to amendment A2

The text of document 61E/278/FDIS, future amendment to IEC 60335-2-42:1994 prepared by SC 61E of the IEC Technical Committee 61, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A2 to EN 60335-2-42 on 1999-01-01.

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) 1999-10-01
- date on which national standards conflicting with the amendment have to be withdrawn (dow) 2001-10-01

This amendment supplements or modifies the corresponding clauses of EN 60335-2-42:1995.

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

National deviations from this amendment are listed in Annex ZB and are in addition to those in EN 60335-1.

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