

Specification for

Safety of household and similar electrical appliances —

Part 202: Particular requirements —

Section 202.42 Commercial electric
forced convection ovens

This European Standard EN 60335-2-42 has the status of a
British Standard

UDC 621.365:64-621-83:64:614.8.004.1-777:621.396.669.8

Cooperating organizations

The European Committee for Electrotechnical Standardization (CENELEC), under whose supervision this European Standard was prepared, comprises the National Committees of the following countries.

Austria	Italy
Belgium	Luxemburg
Denmark	Netherlands
Finland	Norway
France	Portugal
Germany	Spain
Greece	Sweden
Iceland	Switzerland
Ireland	United Kingdom

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Amendments issued since publication

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National foreword

This Section of BS 3456-202 has been prepared under the direction of the Light Electrical Engineering Standards Policy Committee and is the English language version of EN 60335-2-42, “*Safety of household and similar electrical appliances*”: Part 2: “*Particular requirements for commercial electric forced convection ovens including Amendment A1*”, published by the European Committee for Electrotechnical Standardization (CENELEC). It was derived from the second edition (1987) of IEC Publication 335-2-42 and an amendment document CLC/TC 61 (SEC) 538. For the sake of clarity, the CENELEC common modifications have been incorporated at the appropriate places in the text of IEC 335-2-42:1987 and are marked by a vertical line at the left-hand margin. The relevant parts of the original IEC text have been quoted as “INFORMATION” directly after the text of the common modifications. Where modifications have been incorporated the correct print type has been used and the marginal letters referred to in the foreword have been omitted. Appendices designated “normative” are part of the body of the standard. Appendices designated “informative” are given only for information.

This Section is to be read in conjunction with BS 3456-201:1989: “*General requirements*”, which it supplements or modifies. The many references to Part 1 should be read as references to BS 3456-201, which is the English language version of EN 60335-1.

This Section supersedes BS 3456-102.42:1989, which will be withdrawn on 1 January 1993 in accordance with the CENELEC Internal Regulations.

Cross-references. The relationship between other international publications quoted in this Section of BS 3456 and British Standards which are either identical or technically equivalent, is given in National appendix X.

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 Marks 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.

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Key words: Household electrical appliance; commercial electric forced convection oven; protection against electric shock; protection against fire risk; protection against mechanical hazard

English version

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

(include amendment A1:1992)
(IEC 335-2-42 (1987) 2nd edition, modified)

Sécurité des appareils électrodomestiques et
analogues
Deuxième partie: Règles particulières pour les
fours électriques à convection forcée à usage
collectif

(inclut l'amendement A1:1992)
(CEI 335-2-42 (1987) 2ème édition, modifiée)

Sicherheit elektrischer Geräte für den
Hausgebrauch und ähnliche Zwecke
Teil 2: Besondere Anforderungen für
elektrische Heißumluftöfen für den
gewerblichen Gebrauch

(enthält Änderungen A1:1992)
(IEC 335-2-42 (1987)
2. Ausgabe, modifiziert)

This European Standard was ratified by CENELEC on 7 March 1989.

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 CENELEC 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, Luxemburg, 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

Brief history

The proposal to endorse the second edition of IEC Publication 335-2-42, document CENELEC/TC 61 (SEC) 538, was circulated under the enquiry procedure in April 1987.

This proposal was discussed during the Brighton meeting in October 1987 when it was decided to submit a draft for EN 60335-2-42 to the voting procedure. This procedure started in September 1988.

The text of this draft was ratified by the CENELEC Technical Board on the 7th of March 1989.

Foreword

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

The following dates are applicable:

- date of announcement (doa) 1989-12-01
- date of latest publication (dop) 1990-03-01
- date of withdrawal of conflicting national standards (dow) 1993-01-01

This European Standard replaces HD 288 S1.

For products which have complied with HD 288 S1 (1987) before 1993-01-01, as shown by the manufacturer or by a Certification Body, this previous standard may continue to apply for production until 1998-01-01.

This document supplements or modifies the corresponding clauses of IEC 335-2-42, second edition, so as to convert that standard into the European Standard EN 60335-2-42, which has to be used in conjunction with EN 60335-1 (1988), *Safety of household and similar electrical appliances*, Part 1: *General requirements*.

Sub-clauses which are in addition to those in IEC 335-2-42 are numbered starting with 601.

There are no special national conditions (snc) causing a deviation from this European Standard, other than those listed in Annex ZX of EN 60335-1.

National deviations from this European Standard are listed in Annex ZY and are in addition to those in EN 60335-1.

NOTE Where reference is made to other harmonized standards, the latest edition of that standard is applicable.

The following print types referred to in the preface of IEC 335-2-42 are used:

- requirements proper: in roman type
- test specifications: in italic type
- explanatory matter: in smaller roman type

In addition:

- *instructions for modification of the reference document:* in italic type

Foreword to Amendment A1

The proposal to endorse amendment 1:1990 to IEC 335-2-42:1987, was discussed during the Helsinki meeting in May 1990 and the Athens meeting in November 1990, when it was decided to submit a draft for an amendment to EN 60335-2-42 to the unique acceptance procedure (UAP).

This draft was circulated as prAA in June 1991 and was ratified by CENELEC as amendment A1 on the 24th of March 1992.

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

The following dates are applicable:

- latest date of publication of an identical national standard (dop) 1992-09-01
- date of withdrawal of conflicting national standards (dow) 1994-09-01

For products which have complied with EN 60335-2-42:1989 before 1994-09-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1999-09-01.

This document Supplements or modifies the corresponding clauses of amendment 1:1990 to IEC 335-2-42:1987, so as to convert it into amendment A1 to EN 60335-2-42:1989.

As a consequence of endorsing amendment 1 to IEC 335-2-42, the common modifications in EN 60335-2-42 concerning subclauses **1.1**, **4.601**, **11.2**, **15.4**, **19.4**, **22.101**, **24.11** and **25.1** are withdrawn since they are covered by the IEC text.

EN 60335-2-42, including this amendment, has to be used in conjunction with EN 60335-1:1988, including its amendments A2:1988, A5:1989, A6:1989 and A51:1991.

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

There are no national deviations from this amendment.

NOTE The UDC and descriptors of this amendment replace the ones given for EN 60335-2-42:1989.

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