

# **Specification for Safety of household and similar electrical appliances**

## **Part 2. Particular requirements**

### **Section 2.31 Range hoods**

This European Standard EN 60335-2-31 : 1990 has the status of a British Standard

Sécurité des appareils électrodomestiques et  
analogues  
Partie 2. Règles particulières  
Section 2.31 Hottes de cuisine

Sicherheit elektrischer Geräte für den  
Hausgebrauch und ähnliche Zwecke  
Teil 2. Besondere Anforderungen  
Abschnitt 2.31 Dunstabzugshauben

## 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 | Luxembourg     |
| Denmark | Netherlands    |
| Finland | Norway         |
| France  | Portugal       |
| Germany | Spain          |
| Greece  | Sweden         |
| Iceland | Switzerland    |
| Ireland | United Kingdom |

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The following BSI references relate to the work on this standard:  
Committee reference LEL/161  
Draft for comment 87/31138 DC

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### Amendments issued since publication

| Amd. No. | Date | Text affected |
|----------|------|---------------|
|          |      |               |
|          |      |               |
|          |      |               |
|          |      |               |
|          |      |               |



**Amendment No. 1**  
**published and effective from 15 October 1992**  
**to BS EN 60335-2-31 : 1991**

**Specification for safety of household**  
**and similar electrical appliances**  
**Part 2. Particular requirements**  
**Section 2.31 Range hoods**

NOTE. The English language version of European Standard EN 60335-2-31 was implemented in the United Kingdom by the publication of BS EN 60335-2-31 : 1991. This amendment implements amendment A1 to EN 60335-2-31.

This amendment together with the European Standard EN 60335-2-31 : 1990 has the status of a British Standard.

### Revised text

AMD 7190  
 October 1992

#### National foreword

In paragraph 1, line 4, after 'hoods', insert 'including Amendment A1'.

In paragraph 1, line 6, after 'edition', insert 'as amended by Amendment No. 1 : 1990'.

AMD 7190  
 October 1992

#### EN title page and foreword

Insert the attached EN title page (foreword on reverse).

AMD 7190  
 October 1992

#### Text of EN 60335-2-31

Amend the text of European Standard EN 60335-2-31 in accordance with the details given on the attached pages.



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UDC 64.06-83 : 641.54 : 644.1 : 620.1 : 614.8

Descriptors: Household electrical appliances, hoods, safety requirements, protection against electric shock, fire protection, protection against mechanical hazard

Amendment A1 to the English version of EN 60335-2-31

## Safety of household and similar electrical appliances Part 2: Particular requirements for range hoods

(Amendment 1 : 1990 to IEC 335-2-31 : 1988, modified)

Sécurité des appareils électrodomestiques  
et analogues  
Deuxième partie: Règles particulières pour les  
hottes de cuisine

(Amendement 1 : 1990 à la CEI 335-2-31 : 1988,  
modifiée)

Sicherheit elektrischer Geräte für den  
Hausgebrauch und ähnliche Zwecke  
Teil 2: Besondere Anforderungen für  
Dunstabzugshauben

(Änderung 1 : 1990 zu IEC 335-2-31 : 1988,  
modifiziert)

This amendment A1 modifies the European Standard EN 60335-2-31 : 1990. It was approved by CENELEC on 10 December 1990. 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, 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

## **Foreword**

A proposal to amend EN 60336-2-31, document CLC/TC 61 (SEC) 720, based on IEC 61 (Central Office) 600, was discussed during the Stockholm meeting in November 1989, when it was decided to submit a draft for an amendment to the unique acceptance procedure (UAP). This procedure started in March 1990.

In November 1990, IEC 61 (Central Office) 600 was published as amendment 1 to IEC 335-2-31 : 1988, after which the draft amendment to EN 60335-2-31 was changed to an endorsement of the IEC amendment. The text of this draft was ratified by CENELEC as amendment A1 on the 10th of December 1990.

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) 1992-06-01
- date of withdrawal of  
conflicting national standards (dow) 1993-01-01

For products which have complied with EN 60335-2-31 : 1990 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 amendment 1 : 1990 to IEC 335-2-31 : 1988, so as to convert it into amendment A1 to EN 60335-2-31 : 1990.

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

National deviations from this amendment are listed in annex ZY.

## Common modifications

### 7. Marking

#### 7.1 *Delete.*

*Add:*

#### 7.12 *Replace the second dashed item by:*

– give information with regard to the method and frequency of cleaning, especially with regard to deposits from contaminated surfaces and include a warning against the risk of fire should the cleaning not be carried out in accordance with the manufacturer's instructions.



## ANNEX ZY

### National deviations

*Add:*

**22.104 FINLAND** (Resolution of the Ministry of Trade and Industry on Electrical Safety Regulations 205/74)

The additional note does not apply.

**SWEDEN** (SFS 1986:1102)

Range hoods shall be constructed so that parts liable to accumulate deposits of grease and the like can be effectively cleaned. It is assumed that even parts located behind a filter, including the fan, are likely to accumulate grease and the like. This means that it shall be possible to gain access to the parts concerned.



## PREFACE

This amendment has been prepared by IEC Technical Committee No. 61: Safety of household and similar electrical appliances.

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

| Six Months' Rule | Report on Voting |
|------------------|------------------|
| 61(C0)600        | 61(C0)639        |

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

## 7. Marking

### 7.1 *Replace the first dash paragraph by:*

- clean frequently all deposits from contaminated surfaces;

## 19. Abnormal operation

### 19.1 *Replace the text by:*

#### *Addition:*

*Compliance is also checked by the test of 19.101 after which 19.11 applies.*

## 20. Stability and mechanical hazards

### *Replace this clause by:*

This clause of Part 1 is applicable except as follows:

### 20.2 *Addition:*

Filters are considered as guards even though they may be removed without the aid of a tool.

## 22. Construction

### 22.101 *Replace the explanation by:*

Examples of adequate precautions to reduce the effects of contamination are the provision of clearances at least equal to twice the values specified in 29.1 or, for creepage distances, the use of insulating materials for extra severe duty conditions, according to 30.5.



22.104 *Add:*

Parts located behind a filter are not considered to be parts likely to be cleaned.

30. Resistance to heat, fire and tracking

30.101 *In the fifth paragraph delete "excluding grease filters".*

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