

Domestic cooking appliances burning gas—

Part 1-2: Safety — Appliances having forced-convection ovens and/or grills

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British Standard

ICS 97.040.20

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National foreword

This British Standard is the English language version of EN 30-1-2:1999. It partially supersedes both BS 5386-3, which was identical to EN 30 prior to the publication of Amendment No. 2 to the British Standard and BS 5386-4. It is recognized that BS 5386-3 and -4 may have been used as the basis for CE marking until quite recently and are being declared obsolescent in order that they are available for reference only. EN 30-1-2 should be considered as the current British Standard for the particular aspects it covers. BS 5386-3 and -4 will be withdrawn before 31 December 2002.

The UK participation in its preparation was entrusted to Technical Committee GSE/35, Gas cooking appliances (domestic), which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 17 and a back cover.

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English version

Domestic cooking appliances burning gas - Part 1-2: Safety - Appliances
having forced-convection ovens and/or grills

Appareils de cuisson domestiques utilisant les
combustibles gazeux - Partie 1-2: Sécurité - Appareils
comportant des fours et/ou des grilloirs à convection forcée

Haushalt-Kochgeräte für gasförmige Brennstoffe - Teil 1-2:
Sicherheit - Geräte mit Umluft-Backöfen und/oder -
Strahlungsgrilleinrichtungen

This European Standard was approved by CEN on 15 April 1999.

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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 CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 49, Gas cooking appliances, the Secretariat of which is held by UNI.

This European Standard replaces EN 30:1979, EN 30:1979/A2:1980, EN 30:1979/A3 MOD.2:1985

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2000, and conflicting national standards shall be withdrawn at the latest by January 2000.

This standard is intended to be used together with EN 30-1-1:1998 and its A1:1999, on which the requirements and methods of test for appliances having forced-convection ovens and/or grills are based. In particular, this standard identifies the requirements and methods of test specific to these appliances, which are in addition to, or replace, those given in EN 30-1-1:1998 and its A1:1999.

This part is also intended to be used together with any other part of EN 30-1 related to "Safety", whenever the appliances covered by this other part include a forced convection oven and/or grill.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this standard.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This standard specifies the special constructional and operational characteristics, as well as the requirements and methods of test for safety and marking, for domestic cooking appliances having forced-convection ovens and /or grills using combustible gases, as defined in EN 30-1-1:1998 and its A1:1999.

Unless specifically excluded, this standard applies to appliances or their component parts, whether the component parts are independent or incorporated as part of the appliance, even if the other heating components use electrical energy (for example combined gas-electric cookers).

This standard includes requirements covering the electrical safety of equipment incorporated in the appliance that are associated with the use of gas. It does not include requirements covering the electric safety of electrically-heated components or their associated equipment .

This standard does not apply :

- to outdoor appliances ;
- to appliances connected to a combustion products evacuation duct ;
- to appliances having a pyrolytic gas oven ;
- to appliances having covered burners which do not comply with the constructional requirements of 5.2.8.2.2 of EN 30-1-1:1998 ;
- to appliances incorporating flame supervision devices and having an automatic ignition device for which the duration of the ignition attempt is limited by design ;
- to appliances equipped with a burner that is periodically ignited and extinguished under the control of an automatic on/off device ;
- to appliances equipped with a burner having a fan for the supply of combustion air or for the evacuation of the products of combustion ;
- to appliances supplied at pressures greater than those defined in 7.1.2 of EN 30-1-1:1998 ;
- to appliances equipped with a compartment in which a burner and an electric heating element can function simultaneously.

This standard only covers type testing.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 30-1-1:1998	Domestic cooking appliances burning gas fuel - Part 1-1 : Safety – General.
EN 30-1-1:1998/A1:1999	Domestic cooking appliances burning gas - Part 1-1: Safety – General.
EN 60335-2-6:1990	Safety of household and similar electrical appliances – Part 2: Particular requirements for cooking ranges, cooking tables, ovens and similar appliances for household use.

¹⁾ Refer to the electrical safety rules.