



NSAI
Standards

Irish Standard
I.S. EN 30-1-2:2012

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

I.S. EN 30-1-2:2012

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I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

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English Version

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

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

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

This European Standard was approved by CEN on 26 February 2012.

CEN 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 CEN-CENELEC Management Centre or to any CEN 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 CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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Foreword

This document (EN 30-1-2:2012) has been prepared by Technical Committee CEN/TC 49 "Gas cooking appliances", the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by October 2012, and conflicting national standards shall be withdrawn at the latest by October 2012.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 30-1-2:1999.

This document 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 document.

This standard is intended to be used together with EN 30-1-1:2008+A2:2010 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 30-1-1:2008+A2:2010.

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

Other European Standards covering domestic cooking appliances burning gas are as follows:

- EN 30-1-1: Domestic cooking appliances burning gas — Part 1-1: Safety — General,
- EN 30-1-3: Domestic cooking appliances burning gas — Part 1-3: Safety — Appliances having a glass ceramic hotplate,
- EN 30-1-4: Domestic cooking appliances burning gas — Safety — Part 1-4: Appliances having one or more burners with an automatic burner control system
- EN 30-2-1: Domestic cooking appliances burning gas — Part 2-1: Rational use of energy — General,
- EN 30-2-2: Domestic cooking appliances burning gas — Part 2-2: Rational use of energy — Appliances having forced-convection ovens and /or grills.

Requirements concerning the emission of NO_x are not mentioned in this European Standard, taking account of the usage of the appliances and their low output, their contribution to environment pollution is negligible.

The main change since the last edition are as follows (minor changes are not listed):

- adaptation to EN 30-1-1:2008/A2:2010 and to its editorial contents.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European 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 30-1-1:2008+A2:2010.

Unless specifically excluded, this European 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 European 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 equipment¹⁾.

This European Standard does not apply to:

- outdoor appliances;
- appliances connected to a combustion products evacuation duct;
- appliances having a pyrolytic gas oven;
- appliances having covered burners which do not comply with the constructional requirements of EN 30-1-1:2008+A2:2010, 5.2.8.2.2;
- appliances incorporating flame supervision devices and having an automatic ignition device for which the duration of the ignition attempt is limited by design;
- appliances equipped with a burner that is periodically ignited and extinguished under the control of an automatic on/off device;
- appliances equipped with a burner having a fan for the supply of combustion air or for the evacuation of the products of combustion;
- appliances supplied at pressures greater than those defined in EN 30-1-1:2008+A2:2010, 7.1.2;
- appliances equipped with an oven and/or with a grill having a fan either for the supply of combustion air or for the evacuation of the products of combustion;
- appliances equipped with a compartment in which a burner and an electric heating element can function simultaneously;
- appliances having one or more burners that are capable of remote operation (type 1 or type 2), unless the burner(s) concerned are thermostatically controlled oven burners of time-controlled ovens that are designed for a delayed start without the user being present.

This European Standard does not cover the requirements relating to third family gas cylinders, their regulators and their connection.

This European Standard only covers type testing.

¹⁾ Refer to the electrical safety rules.

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