BS EN 484:2019

BSI Standards Publication

Specification for dedicated liquefied petroleum gas appliances - Independent stoves, including those incorporating a grill for outdoor use

National foreword

This British Standard is the UK implementation of EN 484:2019. It supersedes BS EN 484:1998, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee GSE/24, Dedicated LPG appliances.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Date	Text affected

EUROPEAN STANDARD

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EN 484

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Supersedes EN 484:1997

English Version

Specification for dedicated liquefied petroleum gas appliances - Independent stoves, including those incorporating a grill for outdoor use

Spécifications pour les appareils fonctionnant exclusivement aux gaz de pétrole liquéfiés - Réchauds indépendants, équipés ou non d'un grilloir, utilisés en plein air

Festlegungen für Flüssiggasgeräte - Flüssiggasbetriebene Kochgeräte einschließlich solcher mit Grillteilen zur Verwendung im Freien

This European Standard was approved by CEN on 15 February 2019.

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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 CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 484:2019) has been prepared by Technical Committee CEN/TC 181 “Appliances and leisure vehicle installations using liquefied petroleum gas and appliances using natural gas for outdoor use”, the secretariat of which is held by AFNOR.

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 2019, and conflicting national standards shall be withdrawn at the latest by October 2019.

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

This document supersedes EN 484:1997.

The following main technical changes have been made compared to EN 484:1997:

— inconsistencies raised by the European Commission against gas appliance Regulation have been addressed;

— differences on test pressures between French and English versions have been addressed;

— the scope has been specified to indicate that regulators are not covered by this standard;

— the wording “hotplate” (not adapted for appliances covered by EN 484) has been replaced by “stove”;

— the definition 3.9 “auxiliary equipment” has been replaced by “fitting” in the sense of the gas appliance Directive;

— compliance to EN 1106 or EN 126 for the taps has been added;

— paragraphs 7.2.X regarding to the type of examination (visual and/or mechanical) have been reworded;

— a 300 mm diameter pan and the corresponding sampling of product of combustion has been added.

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

1 Scope

This document specifies constructional and performance characteristics, safety specifications and rational use of energy, relevant test methods and marking of independent stoves, side burners, covered burners, open burners, griddles, radiant grills, burning liquefied petroleum gas, referred to in the body of the text as “appliances”.

This document covers appliances, used outdoors and operating with the gases of the third family according to EN 437:2018.

Appliances used in leisure vehicles and boats are outside the field of application of this standard.

Independent stove burners, whose nominal heat input is below 1,16 kW, griddles and radiant grills, are not subject to any special requirement concerning the rational use of energy due to their low rate and their use for short periods of time.

This document does not state all requirements for appliances of other nature incorporating a stove (for example barbecues are not covered by this standard but a side burner of a barbecue is covered by this standard).

This document does not cover regulators that are used with those appliances.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 125:2010+A1:2015, *Flame supervision devices for gas burning appliances — Thermoelectric flame supervision devices*

EN 126:2012, *Multifunctional controls for gas burning appliances*

EN 161:2011+A3:2013, *Automatic shut-off valves for gas burners and gas appliances*

EN 298:2012, *Automatic burner control systems for burners and appliances burning gaseous or liquid fuels*

EN 549:1994, *Rubber materials for seals and diaphragms for gas appliances and gas equipment*

EN 1106:2010, *Manually operated taps for gas burning appliances*

EN 10226-1:2004, *Pipe threads where pressure tight joints are made on the threads — Part 1: Taper external threads and parallel internal threads — Dimensions, tolerances and designation*

EN 10226-2:2005, *Pipe threads where pressure tight joints are made on the threads — Part 2: Taper external threads and taper internal threads — Dimensions, tolerances and designation*

EN 60335-2-102:2016, *Household and similar electrical appliances — Safety — Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections (IEC 60335-2-102:2004)*

EN ISO 228-1:2003, *Pipe threads where pressure-tight joints are not made on the threads — Part 1: Dimensions, tolerances and designation (ISO 228-1:2000)*

3 Terms and definitions

For the purposes of this standard, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

• IEC Electropedia: available at http://www.electropedia.org/