

STN	Krby bez dymovodu spaľujúce alkohol Bezpečnostné požiadavky a skúšobné metódy Časť 1: Ručne ovládané dekoratívne krby pre domácnosť	STN EN 16647-1 06 1470
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Alcohol powered flueless fireplaces - Safety requirements and test methods - Part 1: Manually operated decorative fireplaces for domestic use

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 03/26

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English Version

Alcohol powered flueless fireplaces - Safety requirements and test methods - Part 1: Manually operated decorative fireplaces for domestic use

Foyers sans conduit et fonctionnant à l'alcool -
Exigences de sécurité et méthodes d'essai - Partie 1 :
Foyers décoratifs à fonctionnement manuel pour un
usage domestique

Alkoholbetriebene abzugslose Feuerstätten -
Sicherheitstechnische Anforderungen und
Prüfmethoden - Teil 1: Manuell betriebene dekorative
Feuerstätten für den Haushaltsbereich

This European Standard was approved by CEN on 17 November 2025.

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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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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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EN 16647-1:2025 (E)**European foreword**

This document (EN 16647-1:2025) has been prepared by Technical Committee CEN/TC 46 “Fireplaces for liquid fuels”, the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by June 2026, and conflicting national standards shall be withdrawn at the latest by June 2026.

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 16647:2015.

EN 16647-1:2025 includes the following significant technical changes with respect to EN 16647:2015:

- alignment with Mandate M/538 and Commission Decision (EU) 2015/547 throughout the whole text;
- change of Scope and splitting the document into two parts; this part covers manually operated fireplaces;
- removal of all requirements regarding automatically operated fireplaces (e.g. Annex B); these will be covered in Part 2;
- removal of gelatinous fuel;
- restructure of Clause 5;
- addition of requirements for glass screens in 4.8.2;
- revision of the entire combustion subclause 5.3.6;
- revision of Clause 9 (Factory production control).

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

1 Scope

This document is applicable only to decorative fireplaces that have been manufactured for domestic use, which produce a flame using liquid alcohol, hereafter referred to as fuel.

NOTE 1 The requirements outlined in this document can also be applied for outside domestic settings. In that case, additional or different rules on the use of the fireplaces can apply.

This document is applicable to free-standing, wall-mounted and built-in fireplaces.

This document is applicable to decorative fireplaces that require manual user interaction for ignition, filling, re-filling or extinguishing the fireplace.

NOTE 2 The fireplaces can contain some electric or electronic components.

This document is applicable to fireplaces ready for use, whose fuel box is of one unit or is an integral component of the fireplace but not to fireplaces with a fuel tank separate from the fireplace.

This document does not apply to fireplaces specifically designed for heating food or keeping food warm (rechauds), nor does it apply to fireplaces for use in boats, caravans, other vehicles or outdoor areas.

This document does not apply to fireplaces with a power output higher than 4,5 kW or with a defined heating function.

NOTE 3 National regulations can restrict the power output to less than 4,5 kW.

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 1023-3:2000, *Office furniture — Screens — Part 3: Test methods*

EN 10088-3:2023, *Stainless steels — Part 3: Technical delivery conditions for semi-finished products, bars, rods, wire, sections and bright products of corrosion resistant steels for general purposes*

EN 16510-1:2022, *Residential solid fuel burning appliances — Part 1: General requirements and test methods*

EN 13501-1:2018, *Fire classification of construction products and building elements — Part 1: Classification using data from reaction to fire tests*

EN 60335-1:2012,¹ *Household and similar electrical appliances — Safety — Part 1: General requirements (IEC 60335 1:2010, modified)*

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, modified)*

EN ISO 13732-1:2008, *Ergonomics of the thermal environment — Methods for the assessment of human responses to contact with surfaces — Part 1: Hot surfaces (ISO 13732-1:2006)*

¹ As impacted by EN 60335-1:2012/AC:2014, EN 60335-1:2012/A11:2014, EN 60335-1:2012/A13:2017, EN 60335-1:2012/A1:2019, EN 60335-1:2012/A2:2019, EN 60335-1:2012/A14:2019, EN 60335-1:2012/A15:2021 and EN 60335-1:2012/A16:2023

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EN IEC/IEEE 82079-1:2020, *Preparation of information for use (instructions for use) of products — Part 1: Principles and general requirements (IEC/IEEE 82079-1:2019)*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN