



SLOVENSKI STANDARD
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Plinske naprave za zunanjo uporabo - Dodatne zahteve za uporabo plinov 2. družine

Outdoor gas appliances - Additional provisions for 2nd family gas use

Gasgeräte zur Verwendung im Freien - Zusätzliche Anforderungen für die zweite Gasfamilie

Appareils à gaz d'extérieur - Dispositions complémentaires pour l'utilisation des gaz de 2ème famille

Ta slovenski standard je istoveten z: prEN 18126

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ICS:

27.060.20 Plinski gorilniki Gas fuel burners

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English Version

Outdoor gas appliances - Additional provisions for 2nd family gas use

Appareils à gaz d'extérieur - Dispositions complémentaires pour l'utilisation des gaz de 2ème famille

Gasgeräte zur Verwendung im Freien - Zusätzliche Anforderungen für die zweite Gasfamilie

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 181.

If this draft becomes a European Standard, 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.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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European foreword

This document (prEN 18126:2025) 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 document is currently submitted to the CEN Enquiry.

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.

Outdoor heating and cooking appliances (barbecues, heating umbrellas...) are generally designed, manufactured and certified for exclusive operation with liquefied petroleum gases. The state of the art of gas distribution and connection makes it possible to develop outdoor uses of appliances supplied with natural gas. This standard has been developed to complete the CEN/TC 181 standards for manufacturing, testing and marking appliances covered by CEN/TC 181 for outdoor operating with second-family gases.

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prEN 18126:2025 (E)

1 Scope

This document applies to household appliances intended for outdoor use capable of working with gases of the second family or second and third family.

The scope of this document is the same as the scope of the product standards developed by the European Technical Committee CEN/TC 181 covering the same type of appliance but limited to the use of liquefied petroleum gases, hereinafter referred to as 'the product standard'.

NOTE For example, product standards are:

- for an independent cooktop: EN 484;
- for multi-purpose burners with integrated support: EN 497;
- for a barbecue or griddle: EN 498;
- for a patio heater: EN 14543;
- flueless non-domestic space heaters: EN 461;
- ...

This document applies to the manufacturing, testing and marking of appliances prior to their placing on the market and during further assessments. This document is not intended to be used for changing the gas category of an appliance already put on the market.

This document specifies the modifications of the appliances allowed to change the type of gas to be used depending of its gas category.

This document specifies the complementary information and requirement about constructional and performance characteristics, safety specifications and rational use of energy, relevant test methods and marking of household appliances intended for outdoor use capable of operating with second-family gases (defined in EN 437:2021).

This document does not apply to appliances burning liquefied petroleum gases at the vapour pressure within the gas cartridge or gas cylinder.

This document does not apply to appliances under the scope of EN 449:2002+A1:2007.

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 203-1:2021+A1:2023, *Gas heated catering equipment — Part 1: General safety requirements*

EN 437:2021, *Test gases — Test pressures — Appliance categories*

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 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)*