

VEDELGAASISEADMETE TEHNILINE KIRJELDUS.  
MITMEOTSTARBELISED KEEDUPÕLETID  
VÄLISTINGIMUSTES KASUTAMISEKS. KEEDUNÕUD  
LÄBIMÕÕDUGA ÜLE 300 MM

Specification for dedicated liquefied petroleum gas  
appliances - Multi purpose boiling burners for outdoor  
use - Cooking vessels with a diameter greater than 300  
mm

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN 497:2022 sisaldab Euroopa standardi EN 497:2022 ingliskeelset teksti.	This Estonian standard EVS-EN 497:2022 consists of the English text of the European standard EN 497:2022.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 08.06.2022.	Date of Availability of the European standard is 08.06.2022.
Standard on kättesaadav Eesti Standardimis-ja Akrediteerimiskeskusest.	The standard is available from the Estonian Centre for Standardisation and Accreditation.

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English Version

## Specification for dedicated liquefied petroleum gas appliances - Multi purpose boiling burners for outdoor use - Cooking vessels with a diameter greater than 300 mm

Spécifications pour les appareils fonctionnant exclusivement aux gaz de pétrole liquéfiés - Brûleurs à usages multiples, avec supports intégrés, utilisés en plein air - Récipients de cuisson avec un diamètre supérieur à 300 mm

Festlegungen für Flüssiggasgeräte - Flüssiggasbetriebene Mehrzweckkochgeräte zur Verwendung im Freien

This European Standard was approved by CEN on 26 December 2021.

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

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## European foreword

This document (EN 497:2022) has been prepared by Technical Committee CEN/TC 181 “Dedicated liquefied petroleum gas appliances”, 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 December 2022, and conflicting national standards shall be withdrawn at the latest by December 2023.

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 497:1997.

The main changes with respect to the previous edition are listed below:

- Addition of a complementary element in the title for vessel of diameter greater than 300 mm
- Extension of the scope to paella burners
- Addition of requirements and tests for appliances with gas containers compartments
- Harmonization/correction of test pressures and test conditions

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

For relationship with EU Directive(s) / Regulation(s), 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, Turkey and the United Kingdom.

## 1 Scope

This document specifies the constructional and performance characteristics, safety specifications and rational use of energy, relevant test methods and marking of burners burning liquefied petroleum gas and designed to heat up vessels of diameter greater than 300 mm, containing liquids or food.

They are referred to in the body of the text as “appliances”.

This document covers appliances, generally floor standing, fitted with one or several open burners, designed to be used outdoors and operating with the gases corresponding to the categories indicated in 4.

Appliances supplied with third family gas at other pressures than those defined in 4 are outside the field of application of this document.

Appliances covered by this document are not connected to a flue for the products of combustion and are not connected to the mains electrical supply.

Appliances with a nominal heat input below 1,16 kW are not subject to any requirement concerning the rational use of energy due to their low rate.

For appliance having multiple concentric burners, burners greater than 56 cm diameter are not subject to any requirement concerning the rational use of energy for safety reasons due to handling of the vessel.

This document does not cover LPG containers for liquefied petroleum gas, their associated regulator, tubing and flexible hoses used for gas supply of appliances covered by this document.

NOTE Regulator, tubing and flexible hoses are covered by other standards (EN 16129, EN 16436-1+A3 and EN 16436-2, etc.) and national regulations.

## 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 437:2021, *Test gases - Test pressures - Appliance categories*

EN 549:2019, *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 60584-1:2013, *Thermocouples - Part 1: EMF specifications and tolerances*

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)*