
Gospodinjski in podobni električni aparati - Varnost - 2-90. del: Posebne zahteve za mikrovalovne pečice za komercialno uporabo - Dopolnilo AA

Household and similar electrical appliances - Safety - Part 2-90: Particular requirements for commercial microwave ovens

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke - Teil 2-90: Besondere Anforderungen für gewerbliche Mikrowellenkochgeräte

Appareils électrodomestiques et analogues - Sécurité - Partie 2-90: Exigences particulières pour les fours à micro-ondes à usage commercial

Ta slovenski standard je istoveten z: **prEN IEC 60335-2-90:2026/prAA:2026**

ICS:

97.040.20	Štedilniki, delovni pulti, pečice in podobni aparati	Cooking ranges, working tables, ovens and similar appliances
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oSIST prEN IEC 60335-2-90:2026/oprAA:2026

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN IEC 60335-2-90:2026
prAA

June 2026

ICS 97.040.20

English Version

Household and similar electrical appliances - Safety - Part 2-90: Particular requirements for commercial microwave ovens

Appareils électrodomestiques et analogues - Sécurité -
Partie 2-90: Exigences particulières pour les fours à micro-
ondes à usage commercial

Sicherheit elektrischer Geräte für den Hausgebrauch und
ähnliche Zwecke - Teil 2-90: Besondere Anforderungen für
gewerbliche Mikrowellenkochgeräte

This draft amendment prAA, if approved, will modify the European Standard prEN IEC 60335-2-90:2026; it is submitted to CENELEC members for enquiry.

Deadline for CENELEC: 2026-09-18.

It has been drawn up by CLC/TC 61.

If this draft becomes an amendment, CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

This draft amendment was established by CENELEC in three official versions (English, French, German).

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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 Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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25 European foreword

26 This document (prEN IEC 60335-2-90:2026/prAA:2026) has been prepared by CLC/TC 61 "Safety of
27 household and similar electrical appliances"

28 This document is currently submitted to the Enquiry.

29 The following dates are proposed:

- latest date by which the existence of this (doa) dav + 6 months
document has to be announced at national
level
- latest date by which this document has to be (dop) dav + 12 months
implemented at national level by publication of
an identical national standard or by
endorsement
- latest date by which the national standards (dow) dav + 36 months
conflicting with this document have to be (to be confirmed or
withdrawn modified when voting)

30 This document will modify prEN IEC 60335-2-90:2026 and all its amendments and corrigenda (if any).

31 prEN IEC 60335-2-90:2026/prAA:2026 includes the following significant technical modifications:

- 32 — Introduce requirements and instruction for children, vulnerable people and domestic animals;
- 33 — Introduce requirements for power driven moving parts
- 34 — Introduce mechanical test set-up clarifications;
- 35 — Introduce the hygienic requirements;
- 36 — Introduce ergonomic requirements.

37 This document is read in conjunction with prEN IEC 60335-2-90:2026

38 The numbering system for European clauses, subclauses, notes, tables, figures and annexes that are
39 additional to those in the IEC standard are prefixed with the letter "Z".

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

43 For the relationship with EU Legislation, see informative Annexes ZZA, ZZB and ZZC, which are an integral
44 part of this document.

1 Modification to the Introduction

Delete the words “manufacturer’s”.

2 Modification to Clause 1, “Scope”

Convert the paragraph starting with “Attention is drawn to the...” in Note Z101.

Replace the 9th paragraph starting with “As far as is practicable...” with the following:

“This document deals with the reasonably foreseeable hazards of intended use presented by appliances and machines, which are encountered by all persons and domestic animals in and around the installation place or workplace.”

Addition:

With European Amendment A11, EN IEC 60335-2-90:2021+A1:2021 is superseded.

This European Amendment A11 supplements or modifies the corresponding clauses of the standards below:

— EN IEC 60335-1:2023¹ (Part 1)

— EN IEC 60335-2-90:2026 (Part 2)

For the purpose of this document, the term “appliance” include the term “machine” where applicable.

Additional requirements for commercial **microwave ovens** with power driven moving parts are given in Annex ZE.

This document does not deal with any specific requirements on noise emitted from these appliances the generated noise is not considered to be a relevant hazard. Thus, the emission sound pressure level LpA is considered to be LpA ≤ 70 dB(A).

This document contains requirements for appliances with **radio function**, **remote communication**, and **remote operation**.

For the scope of this document, the term “**radio appliance**” is used with the same meaning of “radio equipment”.

For the scope of this document, the term “appliance” is used with the same meaning of “equipment”.

Compliance with this Part 2 when used together with the Part 1 provides one means of conformity with the safety objectives as listed in Tables ZZA.1, Table ZZB.1 and Tables ZZC.1

3 Modification to Clause 2, “Normative references”

Addition:

EN 1672-2:2020, *Food processing machinery - Basic concepts - Part 2: Hygiene and cleanability requirements*

EN IEC 60335-1:2023,² *Household and similar electrical appliances - Safety - Part 1: General requirements*.

4 Modification to the Clause 7, “Marking and instructions”

7.12 Modification

Replace the fourth paragraph starting with “This appliance is not intended for use by persons (including children)...” with the following:

¹ As impacted by EN IEC 60335-1:2023/A11:2023 and EN IEC 60335-1:2023/prAB:2026.

² As impacted by EN IEC 60335-1:2023/A11:2023 and EN IEC 60335-1:2023/prAB:2026.

“For appliances intended to be used in the **area open to the public**, the instructions shall state the substance of the following:

— This appliance may be used by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, when they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

— This appliance may be used by children from the age 8 years if they are continuously supervised.

— Children and domestic animals should be supervised to ensure that they do not play with the appliance.

— Do not let cord hang over edge of table or counter when appliance is left unattended.

— This appliance or machine shall not be used by children aged less than 8 years.

— Check that there are no domestic animals inside the compartment/cavity of the appliance before use.

— Cleaning and user maintenance shall not be carried out by children.

For other appliances, the instructions shall state the substance of the following:

— This appliance is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.”

In the addition replace the sentence starting with “The manufacturer shall declare that...” with the following:

“If the appliance is also intended to be used in an **area open to the public**, this shall be clearly stated in the instructions. It shall also be stated in the instructions whether this appliance is allowed to be placed or installed less than 850 mm above the floor.”

5 Modification to Clause 11, “Heating”

11.3 Modification:

Delete the sentence “Any measuring instrument giving the same results as the probe may be used.”.

11.7 Modification:

Delete the words “manufacturer’s” from note a of Table 101 and Table 102.

6 Modification to Clause 18, “Endurance”

Delete in the fifth paragraph “With the agreement of the manufacturer”.

7 Modification to Clause 22, “Construction”

Add the following paragraphs:

“

22.Z.101 Appliances shall meet hygiene requirements.

Compliance is checked by inspection and by the requirements in annex ZAA.”

8 Modification to annexes