

SLOVENSKI STANDARD SIST EN 60704-2-13:2017

01-april-2017

Nadomešča:

SIST EN 60704-2-13:2011

Gospodinjski in podobni električni aparati - Preskuševalni kod za ugotavljanje zvočnega hrupa v zraku - 2-13. del: Posebne zahteve za kuhinjske nape in druge kuhinjske odsesovalnike par

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-13: Particular requirements for range hoods and other cooking fume extractors

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Ta slovenski standard je istoveten z: EN 60704-2-13:2017

ICS:

17.140.20 Emisija hrupa naprav in Noise emitted by machines

opreme and equipment

97.040.20 Štedilniki, delovni pulti, Cooking ranges, working

pečice in podobni aparati tables, ovens and similar

appliances

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Supersedes EN 60704-2-13:2011

English Version

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-13: Particular requirements for range hoods and other cooking fume extractors (IEC 60704-2-13:2016)

Appareils électrodomestiques et analogues - Code d'essai pour la détermination du bruit aérien - Partie 2-13: Exigences particulières pour les hottes de cuisine et autres extracteurs de fumée de cuisine (IEC 60704-2-13:2016) Elektrische Geräte für den Hausgebrauch und ähnliche Zwecke - Prüfvorschrift für die Bestimmung der Luftschallemission - Teil 2-13: Besondere Anforderungen für Dunstabzugshauben (IEC 60704-2-13:2016)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 60704-2-13:2017

European foreword

The text of document 59K/272/CDV, future edition 3 of IEC 60704-2-13, prepared by SC 59K: "Performance of household and similar electrical cooking appliances" of IEC/TC 59: "Performance of household and similar electrical appliances." was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60704-2-13:2017.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement
- (dop) 2017-08-30
- latest date by which the national standards conflicting with the document have to be withdrawn

(dow) 2019-11-30

This document supersedes EN 60704-2-13:2011.

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The text of the International Standard IEC 60704-2-13:2016 was approved by CENELEC as a European Standard without any modification EN 60704-2-13:2017

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Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Addition to Annex ZA of EN 60704-1:2010:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	EN/HD	Year
IEC 61591	1997	Household range hoods - Methods for	EN 61591	1997
		measuring performance		
+ A1	2005		+ A1	2006
+ A2	2010		+ A2	2011
-	-		+ A11	2014
-	-		+ A12	2015
ISO 7235	-	Acoustics - Laboratory measurement procedures for ducted silencers and airterminal units - Insertion loss, flow noise and total pressure loss	EN ISO 7235	2009

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Publication ISO 3743-1	Year 2010 https://star	Title Acoustics Determination of sound power levels and sound energy levels of noise a sources using sound pressure -13-2017 Engineering methods for small movable sources in reverberant fields - Part 1: Comparison method for a hard-walled test room	-46ad-82b4-	<u>Year</u> 2010
ISO 3744	2010	Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for an essentially free field over a reflecting plane	EN ISO 3744	2010

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise rstandards.iteh.ai)
Part 2-13: Particular requirements for range hoods and other cooking fume extractors

SIST EN 60704-2-13:2017

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Appareils électrodomestiques et analogues Code d'essai pour la détermination du bruit aérien –

Partie 2-13: Exigences particulières pour les hottes de cuisine et autres extracteurs de fumée de cuisine

INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – TEST CODE FOR THE DETERMINATION OF AIRBORNE ACOUSTICAL NOISE –

Part 2-13: Particular requirements for range hoods and other cooking fume extractors

FOREWORD

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International Standard IEC 60704-2-13 has been prepared by subcommittee 59K: Performance of household and similar electrical cooking appliances, of IEC technical committee 59: Performance of household and similar electrical appliances.

This third edition cancels and replaces the second edition published in 2011. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) change of title, scope and definitions 3.103 and 3.104: the standard is dealing with cooking fume extractors (this covers range hoods and down-draft systems);
- b) exhaust pipe of down-draft systems specified;

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- c) built-in recirculation-air range hoods with an air outlet device specified;
- d) Annex AA has been deleted.

The text of this standard is based on the following documents:

CDV	Report on voting
59K/272/CDV	59K/283/RVC

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

This Part 2-13 is intended to be used in conjunction with IEC 60704-1:2010 (3rd edition), Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 1: General requirements.

NOTE 1 When "Part 1" is mentioned in this standard, it refers to IEC 60704-1.

This Part 2-13 supplements or modifies the corresponding clauses in IEC 60704-1, so as to establish the test code for cooking fume extractors. When a particular subclause of Part 1 is not mentioned in this Part 2-13, that subclause is applicable as far as reasonable. Where this standard states "addition", "modification" or "replacement", the relevant requirements, test specifications or explanatory matter in Part 1 are to be adapted/accordingly.

Subclauses, tables and figures that are numbered starting from 101 are additional to those in Part 1. Additional annexes are lettered AA, BB, etc.

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Unless notes are in a new subclause or involve notes in a Part 11, 4they are numbered starting from 101, including those in a replaced clause or subclause of sub

A list of all parts in the IEC 60704 series, published under the general title *Household and* similar electrical appliances – Test code for the determination of airborne acoustical noise, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "http://webstore.iec.ch" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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INTRODUCTION

The measuring conditions specified in this part of IEC 60704 provide for sufficient accuracy in determining the noise emitted and comparing the results of measurements taken by different laboratories, whilst simulating as far as possible the practical use of household range hoods and other cooking fume extractors.

It is recommended to consider the determination of noise levels as part of a comprehensive testing procedure covering many aspects of the properties and performance of household range hoods and other cooking fume extractors.

NOTE As stated in the introduction to IEC 60704-1, this test code is concerned with airborne noise only.

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